

Skeletal Inventory of the Adult Human Remains
from the
Ballyhanna Skeletal Assemblage, Co. Donegal (Site No: 03E1384)



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* Cover photograph of inhumations at Ballyhanna medieval cemetery 2003 excavation
(Site No: 03E1384), courtesy of IAC Ltd

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Introduction

1.1 Inventory Abstract

The following inventory outlines and summarises the bioarchaeological information gathered during osteoarchaeological analysis of the 869 adult skeletons of the Ballyhanna human skeletal assemblage. This analysis was undertaken by Ms. Catriona McKenzie (Queens University Belfast) and Ms. Róisín McCarthy (Institute of Technology, Sligo) under the supervision of Dr. Eileen Murphy (Queens University Belfast) and in association with the National Roads Authority funded Ballyhanna Research Project, 2006-2008.

1.2 Background Information

The Ballyhanna human skeletal assemblage was retrieved during archaeological excavations of a medieval cemetery in the winter of 2003-2004 which had initially been revealed through archaeological testing prior to the construction of the N15 Bundoran-Ballyshannon by-pass at Ballyhanna, Co. Donegal (Site No. 03E1384). Upon completion of the post-excavation treatment, the Ballyhanna skeletal assemblage was transported to the Institute of Technology Sligo for temporary curation and further analysis in association with the Ballyhanna Research Project, funded by the National Roads Authority (NRA).

Method Statement

The following method statement outlines the skeleton numbering system, inventory entry layout and the visual inventory recording system. The statement also provides a brief overview of the methodologies used during the osteoarchaeological analysis to generate the bioarchaeological and osteometric and non-metric data for each of the adults of the Ballyhanna human skeletal assemblage.

2.1 Skeleton Numbering System

During the excavation of inhumations at the medieval cemetery at Ballyhanna each of the articulating skeletons recovered were assigned a unique skeleton or 'SK' number. Post-excavation and osteoarchaeological analysis identified several cases where two or more individuals had been bagged as one and therefore assigned only one skeleton number on site. Once identified as such, these skeleton numbers were divided alphabetically, for example, if the original skeleton number was SK100 and this number was later found to represent two separate individuals, then the skeleton number was divided into SK100A and SK100B. The skeleton numbers of the Ballyhanna skeletal assemblage run generally in sequence from SK1A to SK1276. SK5000 to SK5034 are a separate group of skeletons also recovered from the Ballyhanna cemetery site but at a later date during the excavation of a number of service trenches.

2.2 Inventory Entry Layout

Each entry in the inventory represents one adult individual. An inventory entry begins with the individual skeleton number in large bold font followed by the age, sex

and stature information (if recordable) of the adult individual to which the entry belongs. The entry is then sub-divided under the primary headings of 'Burial Position and Details', 'Visual Inventory', and 'Preservation'. Where applicable, details of dentition, cranial and post-cranial pathology are also outlined and summarised. Finally, each skeleton entry ends with a 'Palaeopathological Summary and Differential Diagnoses' preceded by the skeleton number to which it refers. In cases where no pathological lesions were identified on a particular skeleton this is stated as such.

1.3 Visual Inventory

Each of the skeleton inventory entries includes a visual inventory image of the skeletal elements of the individual that were present for osteoarchaeological analysis using a template after Buikstra and Ubelaker (1997). Complete bone is shaded in

is scored using a grey criss-cross fill. A

below in Figure 1 with the shading key.



Visual Inventory

	Complete Bone
	Fragmented Bone

2.4 Preservation Information

The preservation of each skeleton is outlined according to approximate completeness (i.e. the percentage of skeletal elements present versus those absent) and approximate fragmentation (i.e. the percentage of those bones present that are fragmented versus those bones present which are complete). An overall average preservation grade ranging from 0-5 was assigned using the McKinley (2004) guidelines.

2.5 Age, Biological Sex and Stature Information

The age-at-death, biological sex and stature estimate for each individual is outlined adjacent to the skeleton number at the top of each inventory entry. Each individual is assigned one of four broad age categories according to Brickley and McKinley (2004) guidelines; namely 'Adult: 18+ yrs', 'Young Adult: 18-35 yrs', 'Middle Adult: 35-50 yrs' and 'Old Adult: 50+ yrs'. The age category of 'Adult' was assigned to those skeletons where an age bracket narrower 18+ years could not be accurately assessed. The approximate age-at-death of each individual was assessed during osteoarchaeological analysis using standard osteological aging methodologies as follows:

<i>Epiphyseal Fusion</i>	Schwartz (1995)
<i>Dental Attrition</i>	Brothwell (1981)
<i>Pubic Symphysis</i>	Brookes and Suchey (1990)
<i>Auricular Surface</i>	Lovejoy et al. (1995)

Biological sex was assessed during osteoarchaeological analysis using a combination of standard osteological sexing methodologies as follows:

Cranium Assessment Ferembach et al. (1980); Phenice (1969); Schwartz (1995)
Pelvis Assessment Ferembach et al. (1980); Loth and Henneberg (1996); Schwartz (1995)

Finally, estimation of stature in life was assessed during osteoarchaeological analysis using a combination of the Trotter (Trotter 1970) and Feldesman (Feldesman 1996) methodologies of measuring long-bone lengths on an osteometric board and applying a regression formula to translate this initial figure into height during life. In cases where stature could not be accurately assessed for a particular skeleton this section of the inventory entry is left blank.

2.6 Dentition Information and Dental Recording System

Information relating to teeth and jaw bones present for analysis are outlined using a dental grid which follows the Fédération Dentaire Internationale (FDI) universal tooth numbering system (cited in Hillson 2002: 8). The FDI system allocates each tooth a separate number made up of two digits. The first digit denotes the quadrant of the mouth from which the tooth comes (e.g. upper right, lower left etc.) whilst the second digit refers to the individual tooth within the quadrant (e.g. central incisor, canine etc.). The FDI codes for each quadrant and the individual teeth are outlined in Table 1 and Table 2 below.

Table 1. FDI Dental Quadrant Codes

<i>Permanent Dentition</i>			<i>Deciduous Dentition</i>		
Quadrant:	Right	Left	Quadrant:	Right	Left
Upper (Maxilla)	1	2	Upper (Maxilla)	5	6
Lower (Mandible)	4	3	Lower (Mandible)	8	7

Table 2. FDI Individual Teeth Codes

<i>Permanent Dentition</i>		<i>Deciduous Dentition</i>	
Tooth:	Code:	Tooth:	Code:
Central Incisor	1	Central Incisor	1
Lateral Incisor	2	Lateral Incisor	2
Canine	3	Canine	3
First Premolar	4	First Molar	4
Second Premolar	5	Second Molar	5
First Molar	6		
Second Molar	7		
Third Molar	8		

A sample dental grid system is outlined in Figure 2 below. For each adult with observable dentition and/or jaw bones a dental grid is included as part of their inventory entry. The four sections of the grid below correspond to the quadrants of the dentition (e.g. Tooth 26= permanent left maxillary first molar) into which the individual FDI tooth codes are entered. Additional information relating to the presence, absence or condition of the teeth and/or tooth sockets is recorded above/below each of the individual tooth codes using a numerical code according to the dentition key below (Table 3. Dental Grid Inventory Key)

Fig. 2 Sample Dental Grid System

	7	1	5	4	1	2	1	1									
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	

Table 3. Dental Grid Inventory Key

Code	Key	Code	Key
1	Tooth present	5	Root only
2	Tooth lost post-mortem	6	Tooth unerupted
3	Tooth broken post-mortem	7	Tooth partially erupted
4	Tooth lost ante-mortem	N/P	Not present
		N/R	Not recordable

The dental grid is expanded further so that information relating to the presence or absence of dental pathology on each tooth can be included. A sample expanded dental grid is outlined below in Figure 3.

Fig. 3 Sample Expanded Dental Grid

Attrition																	
Period. Dis.																	
E.Hypoplasia																	
Cyst																	
Abscess																	
Caries																	
Calculus																	
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
Calculus																	
Caries																	
Abscess																	
Cyst																	
E.Hypoplasia																	
Period. Dis.																	
Attrition																	

The presence, absence and severity of a total of seven dental pathologies are included in the expanded dental grid for all skeletons with observable teeth and/or jaws. Dental abscesses, cysts or enamel hypoplasia are recorded via a simple '1' presence/ '0' absence score which is entered into the relevant cell above the affected tooth code. In cases where a tooth exhibits dental attrition, calculus, and/or caries or a jaw bone exhibits periodontal disease, the severity of the condition is scored from 0-3 according to the key below (Table 4. Dental Pathology Severity Grades)

Table 4. Dental Pathology Severity Grades

Pathology	No lesions present	Mild	Moderate	Severe
Dental Attrition	0	1	2	3
Calculus	0	1	2	3
Caries	0	1	2	3
Periodontal Disease	0	1	2	3

Further information in relation to additional observed dental pathologies (if applicable) are described in text below the dental grid.

2.7 Palaeopathological Information

Palaeopathological information relating to a skeleton (where applicable) is outlined within its inventory entry primarily in text format (with the exception of vertebral pathology; see below). This information is then summarised further according to primary aetiology at the end of each entry under the heading 'Palaeopathological Summary and Differential Diagnoses'. Palaeopathological information is subdivided within the inventory entry under the primary headings of 'Dental Disease', 'Cranial Pathology' and 'Post-cranial Pathology' according to the skeletal element which exhibits the pathological lesion(s) to be described.

2.7.1 Coding System for Vertebral Pathology

Description of vertebral pathology is further aided via a vertebral pathology table which details the various joint surfaces of each of the vertebrae of the spine. Each of the vertebral joint surfaces have separate cells into which numerical codes are entered which represent the particular pathological change or changes that the joint surface may exhibit. These numerical codes are outlined in Table 5 below. A sample excerpt of a vertebral pathology table is also provided in Figure 4 below. An overall spinal joint disease grade is stated above the vertebral pathology table (or in some cases on its own) based on the Sager method (Sager 1969) which indicates the average severity of degenerative joint and disc disease of the vertebrae present for analysis ranging from a score of 0-3, with '0' indicating no pathological changes present.

Table 5. Vertebral Pathology Table Codes

Code	Key	Code	Key
0	No pathological change	4	Porosity
1	Ankylosis	5	Schmorl's Node(s)
2	Eburnation	N/R	Bone present but feature not recordable
3	Osteophytes	N/P	Bone not present

Fig. 4 Sample excerpt from Vertebral Pathology Table

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	2	2, 3				2, 3	0			
C2	0	1	2	2, 3				2, 3	0			
C3	1	0	2	2, 3				2, 3	0			
C4	3	0	2	2, 3				2, 3	0			
C5	5	0	2	2, 3				2, 3	0			

2.7.2 Palaeopathological Methodologies

Palaeopathological description in text format uses standardised osteological language as much as possible according to Buikstra and Ubelaker guidelines (Buikstra and Ubelaker, 107-159). Cribra orbitalia is recorded according to the Stuart-Macadam system which classifies the expression of the condition according to a number of sectors within the eye orbit (Stuart-Macadam 1991).

2.8 Osteometric and Non-Metric Data

A random sample of 400 adults from the total number of 869 adult skeletons (46%) was chosen for osteometric and non-metric trait data collection. This information is not included in the individual inventory entries but rather can be referenced in digital Excel spreadsheet format on the 'Osteometric and Non-Metric Data' CD provided with this inventory. The Excel spreadsheet workbook is divided into a total of six tabs as follows: 'Cranometrics', 'Post-Cranial Metrics', 'Cranial Non-Metric Traits' and 'Post-Cranial Non-Metric Traits'. The final two tabs are entitled 'SKs with no observable metrics' -to account for those SKs from the random sample from which none of the chosen osteometrics or non-metrics traits to be recorded could be observed- and the second entitled 'SKs with observable metrics' which lists the SKs and the type of metric data which could be collected from their skeletal elements (e.g. Post-cranial metrics only, Post-cranial and Cranial metrics etc.). A total of 17 cranial and 30 post-cranial measurements were observed for each of the sample skeletons using guidelines outlined by Buikstra and Ubelaker (1995, 69-84), Brothwell (1981) and Bass (1987). A further 30 cranial and 31 post-cranial non-metric traits were scored for each sample skeleton according to an absence/ presence numerical code; '1' meaning the trait was not present and '2' meaning the trait was present ('N/R= Bone present but feature not recordable, N/P= bone not present). The

cranial non-metric traits were chosen according to guidelines outlined by Berry and Berry (1967, 361-379) whilst the post-cranial non-metric traits were identified in line with the recommendations of Finnegan (1978, 23-37).

Concluding Statement

The following inventory is intended as a general reference text regarding the biocultural data collected during osteoarchaeological analysis of the 869 adult skeletons of the Ballyhanna Human Skeletal Assemblage as part of the NRA-funded Ballyhanna Research Project. For greater details on the analysis methodologies employed to generate this data please refer to the 'References' section below which has been sub-divided according to the specific types of data for which the various methodologies are designed.

References

Preservation Assessment

McKinley, J. 2004. Compiling a skeletal inventory: disarticulated and co-mingled remains. In M. Brickley & J. McKinley (eds). *Guidelines to the Standards for Recording Human Remains*, available at

<http://www.soton.ac.uk/~babao/archive.html>

Biological Sex and Age-at-Death Assessment

Brickley & McKinley. 2004. *Guidelines to the Standards for Recording Human Remains*, available at <http://www.soton.ac.uk/~babao/archive.html>

Ferembach, D. Schwidetzky, I. & Stloukal, M. 1980. Recommendations for age and sex diagnosis of skeletons. *Journal of Human Evolution* 9: 517- 549.

Phenice, T.W. 1969. A newly developed visual method of sexing the os pubis. *American Journal of Physical Anthropology* 30: 297-301

Schwartz, J.H. 1995. *Skeleton Keys: An introduction to Human Skeletal Morphology, Development and Analysis*. Oxford, Oxford University Press.

Loth, S.R. & Henneberg, M. 1996. Mandibular rams flexure: A new morphological indicator of sexual dimorphism in the human skeleton. *American Journal of Physical Anthropology* 99: 473-485.

Schwartz, J.H. 1995. *Skeleton Keys: An introduction to Human Skeletal Morphology, Development and Analysis*. Oxford, Oxford University Press.

Epiphyseal Fusion

Schwartz, J.H. 1995. *Skeleton Keys: An introduction to Human Skeletal Morphology, Development and Analysis*. Oxford, Oxford University Press.

Dental Attrition

Brothwell, D.R. 1981. *Digging up Bones*. New York, Cornell University Press.

Pubic Symphysis

Brooks, S.T. & Suchey, J.M. 1990. Skeletal age determination based on the os pubis: A comparison of the Acsadi-Nemeskeri and Suchey-Brooks methods. *Human Evolution* 5: 227-238.

Auricular Surface

Lovejoy, C.O., Meindl, R.S., Pryzbeck, T.R. & Mensforth, R.P. 1985. Chronological metamorphosis of the auricular surface of the ileum: A new method for the determination of adult skeletal age at death. *American Journal of Physical Anthropology* 68:15-28.

Stature Assessment

Feldesman, M.R. & Fountain, R.L. 1996. Race specificity and the femur/stature ration. *American Journal of Physical Anthropology*. 100:207-224.

Trotter, M. 1970. Estimation of stature from intact long bones. In Stewart, T.D. *Personal identification in mass disasters*. Washington, Smithsonian Institution, 71-83.

Dental Inventory

Fédération Dentaire Internationale (FDI) tooth code and dental grid system cited in Hillson, S. 2002. *Dental Anthropology*. Cambridge University Press, Cambridge.

Palaeopathological Assessment

Buikstra, J.E. & Ubelaker, D.H. (eds) 1994. *Standards for Data Collection from Human Skeletal Remains*. Indianapolis, Arkansas Archaeology Society Seminars 44, Western Newspaper Co.

Dental Disease

Brothwell, D.R. 1981. *Digging up Bones*. New York, Cornell University Press.

Reid, D.J. and Dean, M.C. 2000. The Timing of Linear Hypoplasias on Human Anterior Teeth. *American Journal of Physical Anthropology* 113: 135-139.

Vertebral Pathology

Sager, P. 1969. *Spondylosis cervicalis*. Copenhagen, Munksgaard.

Cribra Orbitalia

Stuart-Macadam, P.L. 1991. Anaemia in Roman Britain. In H. Bush & M. Zvelebil (eds) *Health in Past Societies*. BAR (International series) 567 Oxford, Tempus Reparatum pp 101-113.

Osteometric and Non-metric Trait Assessment

Metric Data

Buikstra, J.E. & Ubelaker, D.H. (eds) 1994. *Standards for Data Collection from Human Skeletal Remains*. Indianapolis, Arkansas Archaeology Society Seminars 44, Western Newspaper Co.

Brothwell, D.R. 1981. *Digging up Bones*. New York, Cornell University Press.

Bass 1987. *Human Osteology: A Laboratory and Field Manual*, Missouri Archaeological Society, Columbia

Cranial Non-metric Traits

Berry, A.C. & Berry, A.J. 1967. Epigenetic variation in the human cranium. *Journal of Anatomy* 101: 361-379.

Post- Cranial Non-metric Traits

Finnegan, M. 1978. Non-metric variation of the infracranial skeleton. *Journal of Anatomy* 125: 23-37.

SK 1A

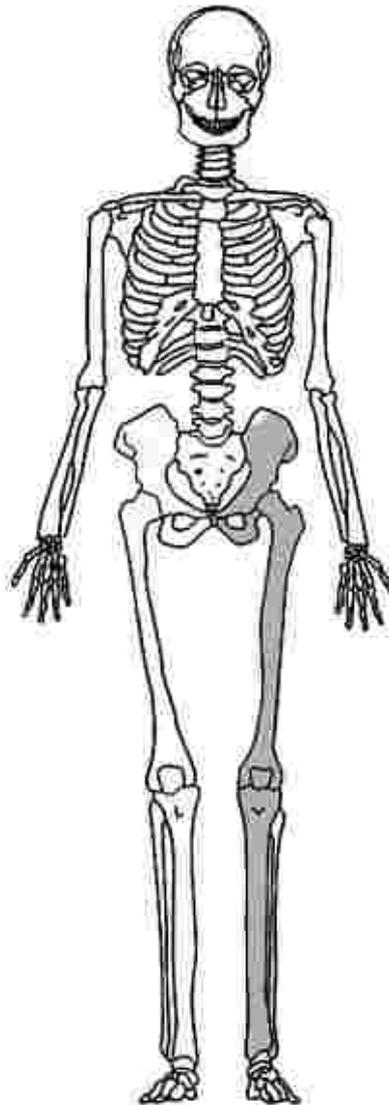
Young Adult Male: 158.97± 2.99 cm

Burial Position and Details:

Plan No: 25
Area No: 4

Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: <25%
Approximate Fragmentation: <25%
Average preservation: Grade 0

Infection:

Reactive Bone Formation

SK 1A exhibits periosteal lesions of the lower left long bones. Mixed periosteal lesions of both woven and sclerotic bone are present, circumferentially affecting the mid-distal shaft of the left tibia. Sclerotic bone is present on the posterior aspect of the shaft of the left fibula. Sclerosis of the fibular lesion indicates a degree of healing took place before the time of death.

SK1A: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 1D

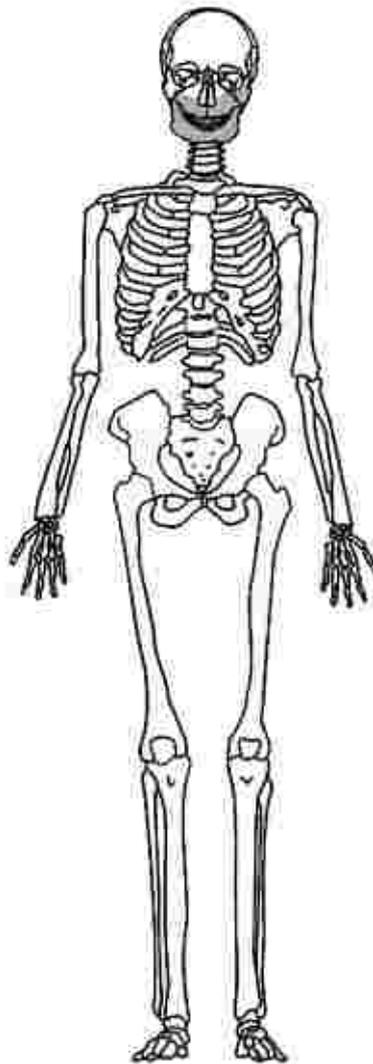
Young Adult Probable Male

Burial Position and Details:

Plan No: 25
Area No: 4

Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition		0	1	1	0	0	1	0	1	1	1	1	0	0	1	0	0
Period. Dis.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	85	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	8	1	1	1	2	1	1	1	1	8	1	1	1
Calculus	1	1	1	1	N/P	1	2	2	N/P	2	2	2	1	N/R	1	1	1
Caries	0	0	0	0	N/P	0	0	0	N/P	0	0	0	0	N/R	0	0	0
Abscess	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	N/P	0	1	0	N/P	0	0	1	0	N/R	0	0	0
Period. Dis.	0	0	0	0	N/P	0	0	0	0	0	0	0	0	N/R	0	0	0
Attrition	0	1	1	2	N/P	0	1	1	N/P	1	1	1	0	N/R	0	0	0

*Dental Disease**Enamel Hypoplasia*

Tooth 13: 1 hypoplastic groove observed 5.78mm from the cemento-enamel junction.

Tooth 23: 1 hypoplastic groove observed 5.38mm from the cemento-enamel junction.

Tooth 33: 1 hypoplastic groove observed 6.18mm from the cemento-enamel junction.

Tooth 43: 2 hypoplastic grooves observed: first is 4.39mm from the cemento-enamel junction and second is 6.40 mm from the cemento-enamel junction.

Congenital Abnormalities of the Teeth/ Jaws

SK1D has a retained deciduous 2nd molar (Tooth 85) which appears to occupy the space of Tooth 45 which is congenitally absent. Tooth 35 is also likely to be congenitally absent.

SK 1D: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, enamel hypoplasia, retained deciduous molar, congenitally absent 2nd mandibular premolars

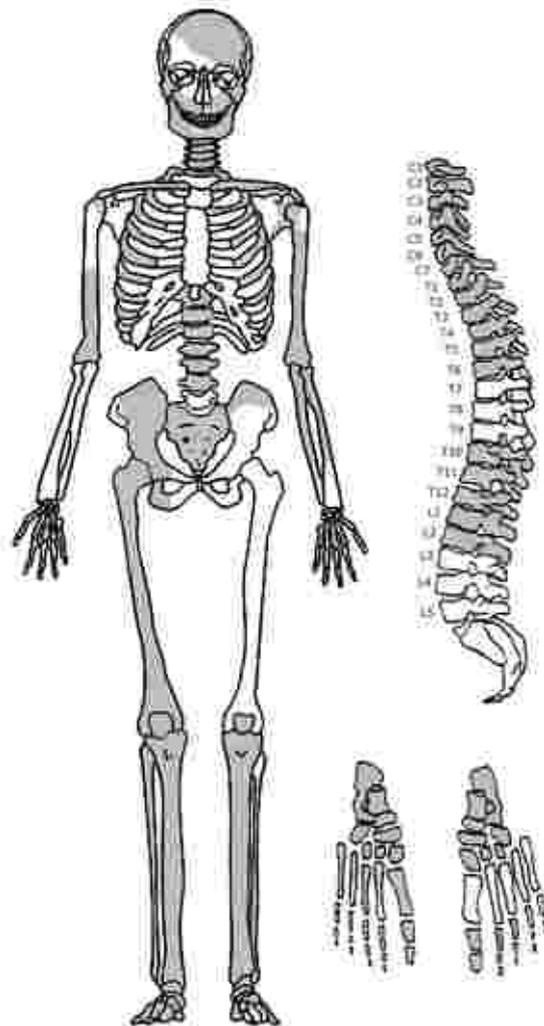
SK 2**Young Adult Female: 164.71cm ± 3.55cm**

Burial Position and Details:

Plan No: Not specified

Area No: Not specified

W-E orientation: simple, extended supine burial of good completeness and good preservation. The skull was positioned on the left side facing north. Both arms were flexed at the elbow with both hands over the pelvis. Both legs extended straight with feet slightly raised.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	1	2	N/P	1	N/P	0	1	1	1	N/P						
Period. Dis.	0	0	N/P	N/P	N/P	N/P	N/P	N/P	N/R	0	N/R	0	0	0	0	N/R
E.Hypoplasia	0	0	N/P	0	N/P	0	0	0	0	N/P						
Cyst	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0
Abscess	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0
Caries	0	0	N/P	0	N/P	0	0	0	0	N/P						
Calculus	1	1	N/P	1	N/P	1	1	1	1	N/P						
	1	1	N/P	N/P	N/P	N/P	N/P	N/P	2	1	2	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	N/P	N/P	N/P	N/P	1	2	2	1	1	1	1	1	1
Calculus	1	1	1	N/P	N/P	N/P	N/P	2	N/P	N/P	2	1	1	1	1	1
Caries	0	0	0	N/P	N/P	N/P	N/P	0	N/P	N/P	0	0	0	0	0	0
Abscess	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	N/P	N/P	N/P	N/P	0	N/P	N/P	0	0	0	0	0	0
Period. Dis.	0	0	0	N/P	N/P	N/P	N/P	0	N/R	N/R	0	0	0	0	0	0
Attrition	1	1	2	N/P	N/P	N/P	N/P	1	N/P	N/P	1	0	0	2	1	1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	N/R	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	N/R	0	0	0	0	0	N/R
T4	0	0	0	0	0	N/R	N/R	0	0	0	N/R	0
T5	0	0	0	0	0	N/R	0	0	0	0	0	0
T6	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T7	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R
T10	0	5	N/R	N/R	0			0	N/R	0		
T11	5	5	N/R	N/R	N/R			N/R	N/R	N/R		
T12	N/R	N/R	N/R	N/R	0			N/R	N/R	N/R		
L1	N/R	N/R	N/R	0				N/R	0			
L2	N/R	N/R	0	0				0	0			
L3	N/R	5	0	0				0	0			
L4	3, 4	5	0	0				0	0			
L5	0	5	3	3				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T10, L3, L4 and L5.

Schmorl's nodes of moderate expression are present at the vertebral body of T11.

Infection

Reactive Bone Formation

SK2 exhibits a periosteal reactive bone lesion at one unsided rib fragment. A reactive sclerotic bone deposit is present at the visceral surface of the affected rib fragment. Sclerosis of this lesion indicates a degree of healing took place before the time of death.

SK 2: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Vertebral Schmorl's nodes
Infection Non-specific: reactive bone deposit

SK 8

Adult

Male

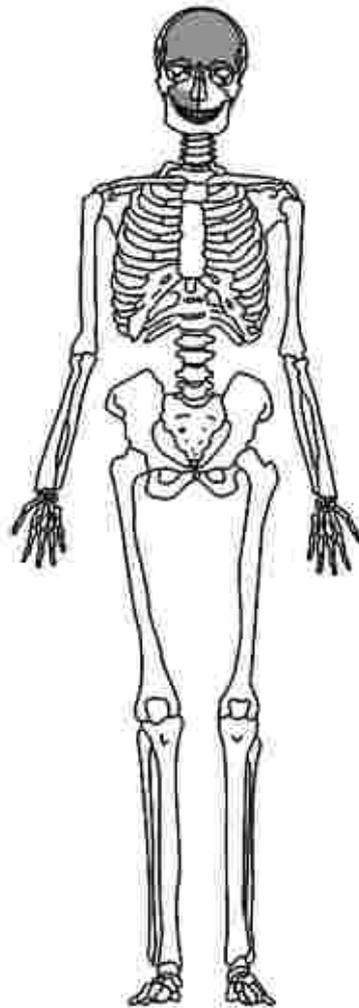
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	N/R	1	2	1	1	1	1	N/R	N/P							
Period. Dis.	0	0	0	0	0	0	0	0	N/P							
E.Hypoplasia	N/R	0	0	0	0	0	0	N/R	N/P							
Cyst	0	0	0	0	0	0	0	0	N/P							
Abscess	0	0	0	0	0	0	0	0	N/P							
Caries	N/R	0	0	0	0	0	0	N/R	N/P							
Calculus	N/R	1	1	1	1	0	0	N/R	N/P							
	2	1	1	1	1	1	1	2	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 4 CO is exhibited at the antero-lateral, antero-intermediate, antero-medial, middle-lateral, middle-intermediate, middle-medial and postero-lateral sectors of the left and right orbital roofs.

SK 8: Palaeopathological Summary and Differential Diagnoses.

Dental Calculus, dental attrition
Metabolic CO

SK 9

Adult

Male

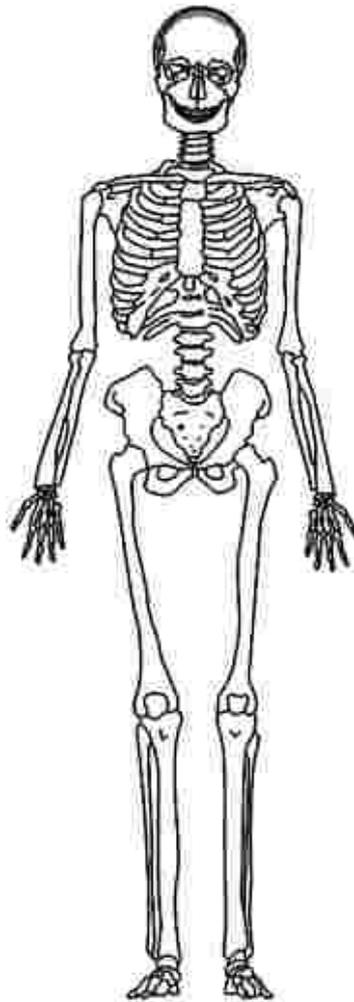
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Cranial Pathology

Metabolic

Non-specific Stress Indicator: Porotic Hyperostosis

Degree 4 (coalescing foramina and increased thickness of the diploë) PH located at the frontal, parietals and occipital bones both adjacent to the sutures and near the bosses. The activity pattern of this lesion indicates it was healed at time of death.

Trauma

Blunt-force Trauma

A healed depression fracture is present at the posterior right parietal. The lesion is ovoid in shape measuring 22.2mm anterior-posterior and 11.18mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

SK 9: Palaeopathological Summary and Differential Diagnoses

Metabolic Non-specific Stress Indicator at Cranial Vault: Porotic Hyperostosis
Trauma Blunt-force cranial trauma

SK 13

Young Adult

Female: 146.48 ± 3.72cm

Burial Position and Details:

Plan No: 24

Area No: 7

W-E orientation: simple, extended supine burial of poor completeness and good preservation.
Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1	One cervical vertebra is present, probably C3. Porosity is evident on the left superior articular facet.											
C2												
C3												
C4												
C5												
C6												
C7												
T1	One of the thoracic vertebrae has porosity evident on the right inferior articular surface. One vertebral fragment also has slight marginal osteophytes on the transverse process facet.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9	One of the lower thoracic or lumbar (very badly preserved) vertebrae has a compression fracture apparent.											
T10												
T11												
T12												
L1												
L2												
L3												
L4												
L5												

Schmorl's nodes

Schmorl's nodes of moderate expression are present on the fragmented vertebral body of an unnumbered thoracic vertebra.

Trauma

Compression Fracture

A compression fracture is present at the vertebral body of an unnumbered lower vertebra; cannot assess degree of kyphosis due to post-mortem damage.

SK 13: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Compression fracture
Trauma Vertebral compression fracture

SK 14

Young Adult Male

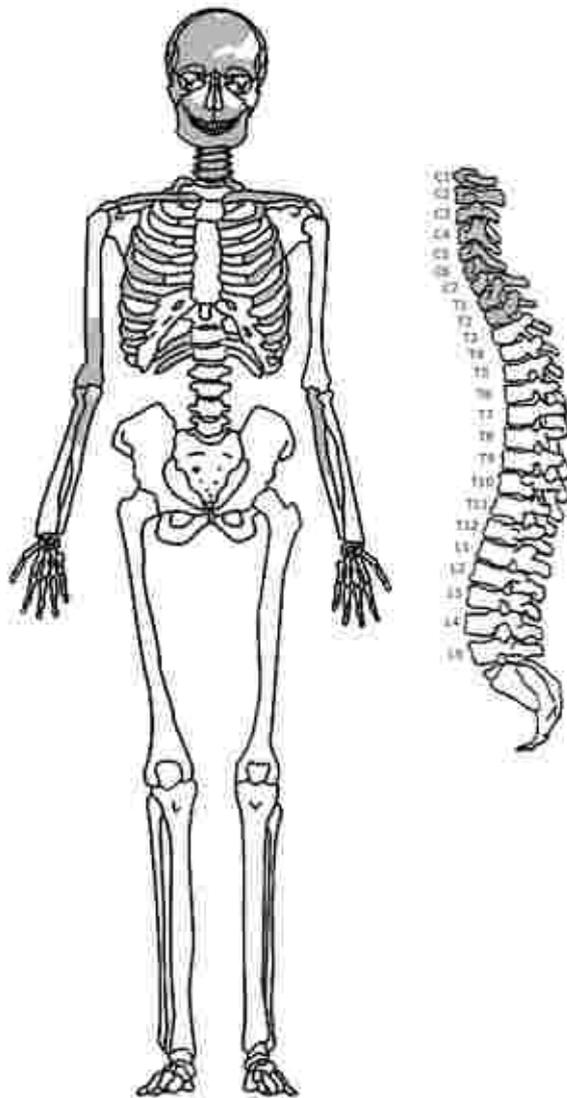
Burial Position and Details:

Plan No: 25

Area No: 4

W-E orientation: simple, extended supine burial of poor completeness and good preservation.
The skull was positioned on the right side facing south.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	3	1	1	0	0	0	1	1	0	1	0	0	2	1	0	
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Calculus	N/P	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	
		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Calculus	N/P	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Attrition	N/P	1	2	0	0	1	1	1	1	1	0	1	0	0	2	1	0

Dental Disease

Tooth 17 exhibits chipped enamel with a dental wear pattern with a severity score of 3.

Congenital Abnormalities of the Teeth/ Jaws

There is overcrowding of the central and lateral mandibular incisors (Tooth 31, 32, 41, 42).

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited at the antero-lateral, antero-intermediate sectors of the left orbital roof; Type 3 (large and small isolated foramina) is evident in the middle-medial sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	2, 3				0	N/R			
C3	0	0	N/R	N/R				0	0			
C4	0	0	N/R	N/R				0	0			
C5	0	0	N/R	N/R				0	0			
C6	0	0	N/R	N/R				0	0			
C7	0	0	0	0				0	0			
T1	0	0	N/R	0	0	0	N/R	0	0	3, 4	N/R	∅
T2	0	0	0	0	0	N/R	N/R	N/R	0	0	0	N/R

Trauma

Fracture

A healed simple fracture is present at an unnumbered left rib fragment. The fracture line is clearly discernible on the pleural aspect of the rib body with associated callus formation on the opposing visceral surface causing thickening of the rib body.

SK 14: Palaeopathological Summary and Differential Diagnoses

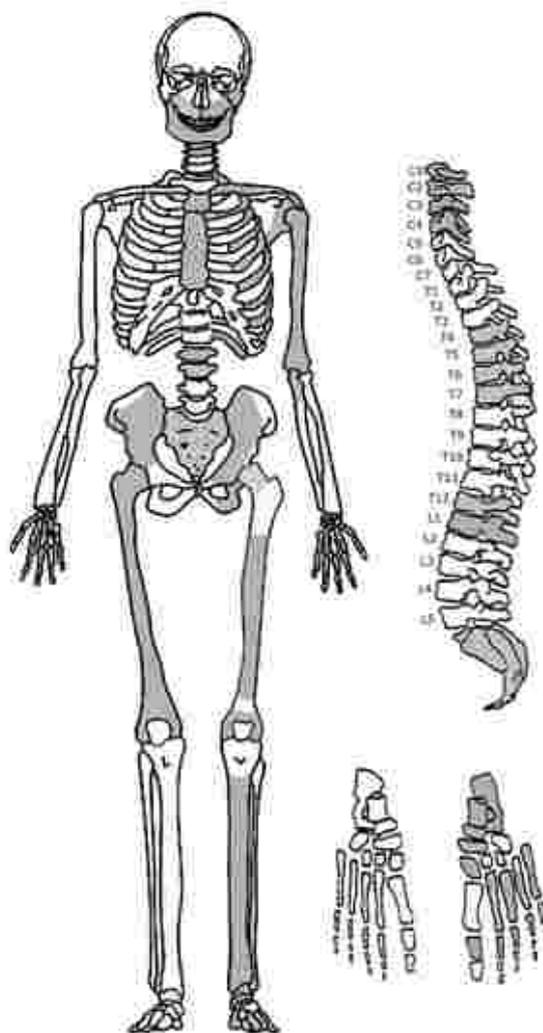
Dental Calculus, dental attrition, overcrowding
Metabolic CO
Vertebral OA at apophyseal joint
Trauma Fracture

SK 15**Middle Adult Male: 171.84 ± 3.27cm****Burial Position and Details:**

Plan No: 24

Area No: 7

W-E orientation: simple, extended supine burial of good completeness and moderate preservation. The skull was positioned on the left side facing north. Left arm extended with both legs extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
Period. Dis.	N/R	N/R	1	N/R	N/R	N/R	1	1	N/R	N/R	1	1	1	1	1	1
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0
Abscess	0	1	0	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0
Caries	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	N/P	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	2	2	2	2	2	2	N/P	2	2	1	1	2	2	2

Dental Disease

Caries

Tooth 17: Large-sized carious lesion present at distal aspect of the tooth crown at the cemento-enamel junction with associated abscess at the apex of the buccal tooth roots (buccal aspect of maxilla).

A second abscess is evident at the apex of the lingual root of tooth 17 which has perforated the right maxillary sinus creating an oro-antral fistula.

Porosity is evident on the lingual aspect of the maxilla adjacent to the root of tooth 17 indicating an area of increased vascularisation.

Tooth 18: Large-sized carious lesion present at mesial aspect of the tooth crown at the cemento-enamel junction.

Cranial Pathology

Infection

Maxillary Sinusitis

Barely discernible periosteal reactive woven bone is apparent on the floor of the right maxillary sinus. These lesions were probably caused by an oro-antral fistula associated with Tooth 17.

Metabolic

Non-specific Stress Indicator

Degree 2 (porosity only) PH is exhibited within the squamous portion of the occipital bone. The lesions are healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R	N/R	0
T2	0	0	N/R	0	0	N/R	N/R	0	0	0	0	0
T3	0	0	0	0	0	N/R	0	0	0	0	0	N/R
T4	No pathological lesions are evident on the unnumbered neural arch which is present for analysis.											
T5												
T6												
T7												
T8												
T9												
T12	5	0	N/R	0	N/R		N/R	0	0	N/R		
L1	5	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild and moderate expression are present at the vertebral bodies of T12 and L1 respectively.

Joint

SK15 exhibits bone resorption possibly indicative of a bunionette at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Foot</i>	Periarticular resorptive foci	Distal aspect of Left MT5
<i>Foot</i>	Periarticular resorptive foci	Distal aspect of left unnumbered proximal foot phalanx

SK 15: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, dental abscess, periodontal disease, calculus, dental attrition and oro-antral fistula
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	Possible bunionette
<i>Metabolic</i>	Non-specific stress indicator at cranial vault
<i>Misc</i>	Partial ossification of the thyroid cartilage

SK 18

Adult

Male

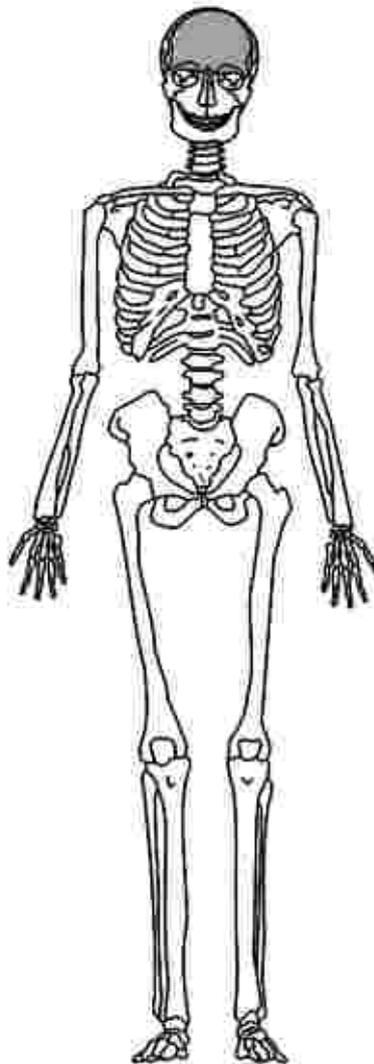
Burial Position and Details:

Plan No: 26A

Area No: 3

W-E orientation: simple, extended supine burial of poor completeness and moderate preservation. The skull was positioned on the right side facing north-west.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Slight osteophytes present at right superior articular facet of the axis vertebra (C2)

SK 18: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD

SK 23**Middle Adult Female****Burial Position and Details:**

Plan No: 23

Area No: 15

NW-SE orientation: simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing over the chest with the right arm extended by the side of the body. The right hand was positioned over the right pelvis. Both legs were extended with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	2	N/P	N/P	N/P	2	N/P	N/P	2	2	N/P	N/P	N/P	N/P	N/P
Period. Dis.	3	3	3	0	0	0	2	0	N/R	2	2	0	N/P	N/P	N/P	N/P
E.Hypoplasia	N/P	N/P	0	N/P	N/P	N/P	0	N/P	N/P	0	0	N/P	N/P	N/P	N/P	N/P
Cyst	0	0	0	0	0	0	0	0	N/R	0	0	0	N/P	N/P	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	N/R	0	0	0	N/P	N/P	N/P	N/P
Caries	N/P	N/P	0	N/P	N/P	N/P	0	N/P	N/P	0	0	N/P	N/P	N/P	N/P	N/P
Calculus	N/P	N/P	2	N/P	N/P	N/P	0	N/P	N/P	1	2	N/P	N/P	N/P	N/P	N/P
	4	4	1	2	4	2	1	2	2	1	1	2	N/P	N/P	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	4	2	1	1	1	2	N/P	1	N/P	N/P	N/P	4	4	4
Calculus	N/P	N/P	N/P	N/P	2	2	2	N/P	N/P	2	N/P	N/P	N/P	N/P	N/P	N/P
Caries	N/P	N/P	N/P	N/P	0	0	0	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	N/P	N/R	N/P	N/P	N/P	0	0	0
Cyst	0	0	0	0	0	0	0	0	N/P	N/R	N/P	N/P	N/P	0	0	0
E.Hypoplasia	N/P	N/P	N/P	N/P	0	0	0	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P
Period. Dis.	3	3	3	0	2	1	1	0	N/P	N/R	N/P	N/P	N/P	0	0	0
Attrition	N/P	N/P	N/P	N/P	2	2	2	N/P	N/P	2	N/P	N/P	N/P	N/P	N/P	N/P

Dental Disease

Antemortem Tooth Loss

SK 23 exhibits extensive antemortem tooth loss and periodontal disease. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Cranial Pathology

Trauma

Blunt-force Trauma

A healed depression fracture is present at the posterior left and right parietals traversing the mid-sagittal suture. The lesion is circular in shape measuring 21.3mm anterior-posterior and 16mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	N/R			
C2	N/R	N/R	0	0				N/R	N/R			
C4	0	0	N/R	N/R				N/R	0			
C5	3, 4	4	0	0				0	0			
C6	0	3, 4	0	0				0	0			
C7	4	0	0	0				0	0			
T1	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R	N/R
T2	0	0	0	0	0	4	0	0	0	0	N/R	N/R
T3	0	0	0	0	0	0	0	0	0	N/R	0	N/R
T4	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T5	0	3	0	0	0	0	N/R	0	0	0	0	N/R
T6	3	3	0	0	0	0	N/R	0	0	4	N/R	N/R
T7	3	3, 4	0	0	0	0	N/R	0	0	0	4	N/R
T8	3, 5	0	N/R	0	0	0	N/R	0	0	0	N/R	N/R
T9	3	3	4	0	0	0	N/R	0	0	0	0	3, 4
T10	3	0	0	0	0			0	0	0		
T11	0	0	N/R	0	4			0	0	0		
T12	0	5	0	0	4			N/R	0	4		
L1	0	0	3	0				0	0			
L2	5	0	0	N/R				0	0			
L3	5	3, 5	N/R	0				0	N/R			
L4	3	0	0	N/R				0	N/R			
L5	3, 4	0	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T12, L2 and L3.

*Infection:**Reactive Bone Formation*

SK23 exhibits bilateral periosteal reactive bone lesions affecting the lower long-bones. Reactive woven bone deposits are present at the posterior aspect of the left and right femoral shafts and the distal left and right tibial shafts. Sclerotic bone is present on the lateral and posterior aspects of the shaft of the right fibula. Sclerosis of the fibular lesion indicates a degree of healing took place before the time of death.

*Trauma**Compression Fractures*

Two compression fractures are apparent in T8 and L5 respectively.

Soft Tissue Trauma

Enthesophytes evident on the left femur at the insertion points for the following muscles: *Gluteus maximus*, *Gluteus medius*, and *Quadratus femoris*.

Congenital

Apical bone present.

Joint

SK23 exhibits pathological lesions indicative of degenerative joint disease or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Left Glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets, 11 th rib head 1x Right Costal Facet, 1 st rib head
<i>Hand</i>	Marginal osteophytes	Right and Left MC1 and 2 proximal hand phalanges
<i>Hip</i>	Marginal osteophytes	Right Acetabulum and Femoral head
<i>Foot</i>	Surface porosity	Left Calcaneus

SK 23: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, DJD, Compression fractures
<i>Joint</i>	DJD, OA, Enthesophytes
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Trauma</i>	Blunt-force cranial trauma, Vertebral compression fractures
<i>Congenital</i>	Apical bone present

SK 24

Adult

Indeterminate Sex

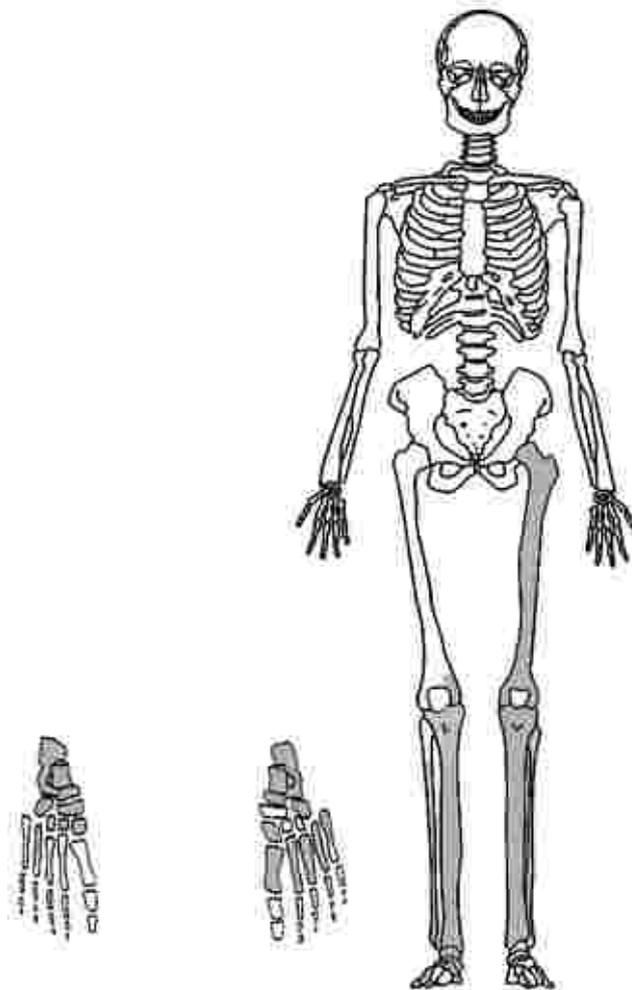
Burial Position and Details:

Plan No: 25

Area No: 3

W-E orientation: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 24 exhibits extensive periosteal lesions of the lower limbs. Bilateral mixed periosteal lesions of both woven and sclerotic bone are present affecting the left femur, tibiae and fibulae, the left calcaneus and all five MTs of the left foot in addition to the right calcaneus and right MT4. Partial sclerosis of these lesions indicates a degree of healing took place before the time of death.

SK 24: Palaeopathological Summary and Differential Diagnoses

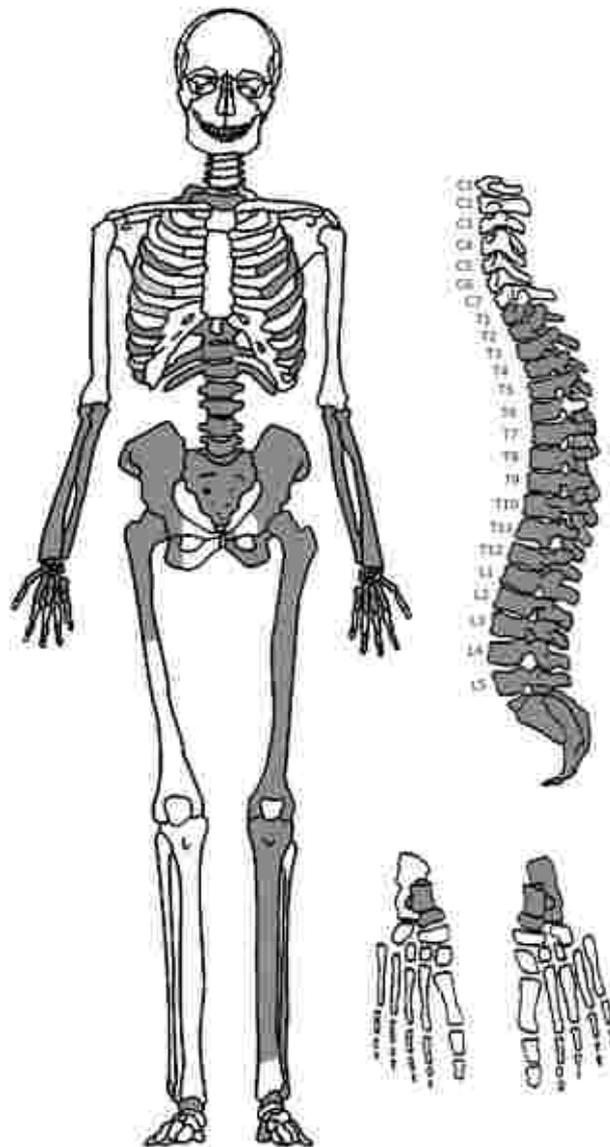
Infection Non-specific: reactive bone deposits

SK 26**Young Adult****Male: 172.32 ± 3.27cm****Burial Position and Details:**

Plan No: Not specified

Area No: 4

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. Both arms and hands were crossed over the pelvic region.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	0	0	0	0	0	0	0	0	0	0	0	N/R
T2	0	0	0	0	0	N/R	0	0	0	0	0	0
T3	0	3	0	0	0	0	0	0	0	0	0	0
T4	0	3	0	0	0	0	0	0	0	0	0	0
T5	4	3, 4	0	0	0	N/R	N/R	0	0	0	0	0
T6	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R
T7	0	0	0	0	0	0	0	0	0	0	0	N/R
T8	0	0	0	0	0	0	0	0	0	0	N/R	0
T9	0	0	0	0	0	0	0	0	0	0	N/R	0
T10	0	0	4	0	0			0	0	0		
T11	3, 4	0	0	0	0			0	0	0		
T12	3, 4, 5	3, 5	0	0	0			0	0	0		
I 1	3, 4	0	0	0				0	0			
L2	3, 4	3, 4	0	0				0	0			
L3	3, 4	3, 4	0	0				0	0			
L4	3, 4	3, 4	0	0				0	0			
L5	3	0	N/R	N/R				0	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral body of T12.

Osteophytosis

Lesions indicative of osteophytosis are exhibited at the vertebral bodies of T11-L5. L2 exhibits vertical syndesmophyte formation at the anterior longitudinal ligament on the right hand side of the vertebra.

*Infection:**Possible Lytic Lesion*

A possible lytic lesion is evident on the superior body of L4. The boundaries of the lesion appear to be irregular however there is extensive post-mortem damage at this location. The lesion affects the trabecular bone at the anterior aspect of the vertebra; the anterior vertebral rim is unaffected by this lesion.

*Congenital**Cranial Border Shift*

T11 mimics the morphology of T12 in that the inferior articular facets are laterally rotated. Complete expression on the left side, and mild expression on the right side of T12.

SK 26: Palaeopathological Summary and Differential Diagnoses

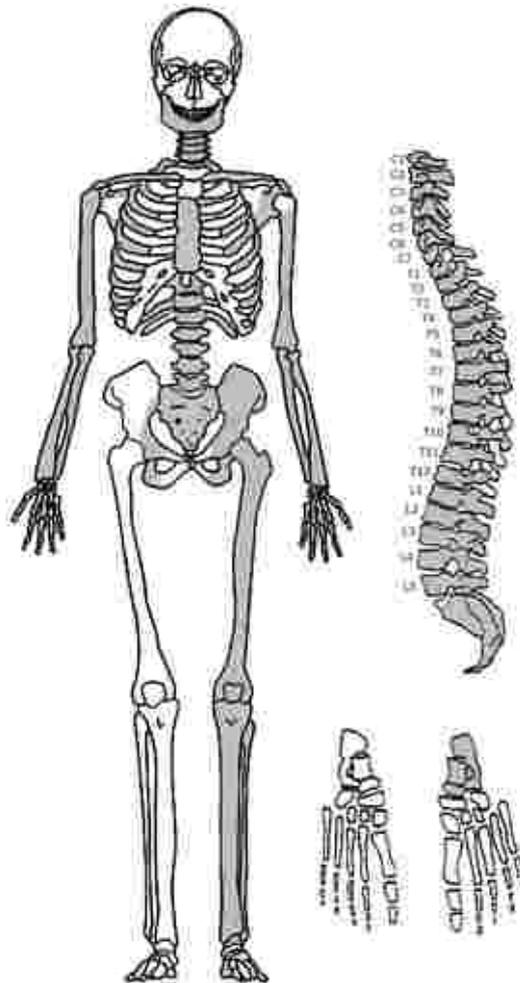
Vertebral Schmorl's nodes, Osteophytosis
Infection Possible lytic lesion
Congenital Cranial border shift at thoracolumber border

SK 28**Young Adult****Female: 159.11 ± 3.55cm****Burial Position and Details:**

Plan No: 26A

Area No: 3

W-E orientation: simple, flexed, supine burial of good completeness and good preservation. Both arms were flexed at the elbow and crossing the pelvic region with hands positioned over the pelvis. Both legs were flexed at the knee.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	2	N/P	N/P	N/P	2	1	1	1	1	1
Caries	0	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	2	1	0	1	1	N/P	N/P	N/P	1	0	1	2	2	1

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 28 exhibits extensive periosteal reactive lesions of primarily the axial skeletal elements. Reactive bone deposits composed of woven bone are present at the body of the sternum and the left proximal humerus. Sclerotic bone is present at both the right and left scapulae. An extensive mixed reaction of both woven and sclerotic bone is present along the entire set of left ribs affecting primarily the visceral surfaces with minor lesions at the pleural surfaces of some of the affected ribs. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 28: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Infection Non-specific: reactive bone deposits

SK 29

Young Adult

Male: 163.78 ± 2.99 cm

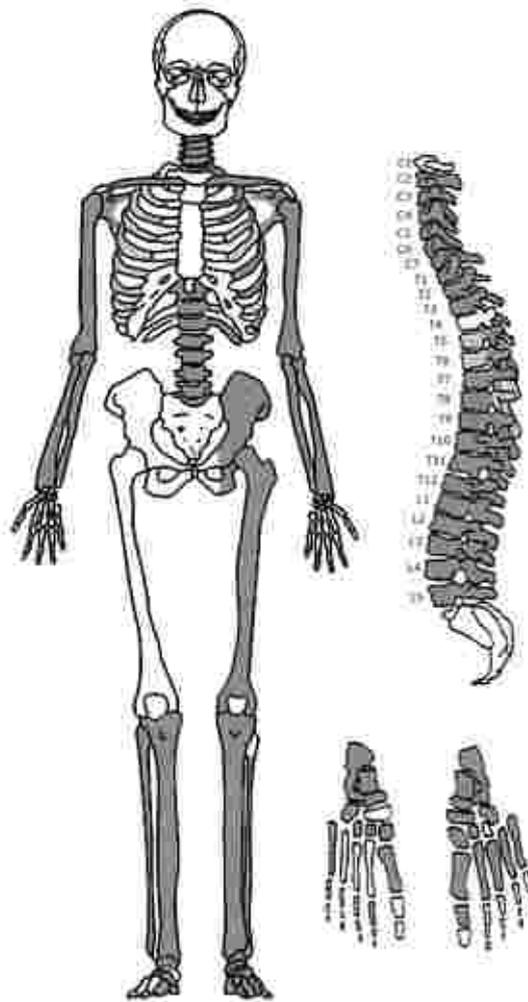
Burial Position and Details:

Plan No: Not specified

Area No: 3

W-E orientation: simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	3	4	0				0	0			
C3	3, 4	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	3	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	3	N/R	0	0	N/R	N/R	N/R	0	0	0	N/R	0
T2	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T3	N/R	N/R	0	0	N/R	N/R	0	0	0	N/R	N/R	N/R
T5	0	0	4	0	N/R	N/R	N/R	0	0	0	0	0
T6	N/R	5	4	0	N/R	N/R	0	0	0	0	0	0
T7	0	5	0	0	N/R	N/R	0	0	0	0	0	0
T8	N/R	0	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T9	0	5	0	0	0	0	0	0	0	0	N/R	0
T10	N/R	N/R	0	0	0			0	0	N/R		
T11	N/R	N/R	0	0	0			0	0	N/R		
T12	5	0	0	0	3			0	0	N/R		
L1	0	0	0	0				0	0			
L2	5	0	0	0				0	0			
L3	5	5	0	0				0	0			
L4	3, 4	0	0	0				0	3			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T7, T9 and L2.

Schmorl's nodes of moderate expression are present at the vertebral bodies of T12 and L3.

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited in the vertebral body of L4 in the form of surface pitting at the rim of the affected vertebral body.

SK 29: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's Nodes, Intervertebral Osteochondrosis

SK 30

Young Adult

Male: 168.59 ± 2.99 cm

Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T4	N/R	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	N/R	N/R
T5	0	0	0	0	N/R	0	0	0	0	0	0	0
T6	0	0	0	0	N/R	0	0	0	0	0	0	0
T7	0	3, 4	0	0	0	4	N/R	0	0	0	0	N/R
T8	3	0	0	0	N/R	N/R	N/R	0	0	0	0	0
T9	0	3, 4	0	0	0	0	3, 4	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	3, 4	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
I 1	3, 4	3	0	0				N/R	0			
I 2	3	3, 4	N/R	0				N/R	0			
L3	3, 4	0	0	0				0	0			
L4	0	0	0	0				0	N/R			
I 5	0	0	0	0				0	3, 4			
I 6	0	0	0	N/R				3, 4	0			

Joint

SK30 exhibits pathological lesions indicative of osteoarthritis and/ or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left Costal Facet and 11 th rib head 1x Right Costal Facet
<i>Elbow</i>	Surface porosity	Right distal humerus, proximal radius and ulna
<i>Wrist</i>	Eburnation, marginal osteophytes	Left scaphoid
<i>Hand</i>	Marginal osteophytes, surface porosity	Left distal radius 2 unsided intermediate phalanges, 1 unsided distal phalanx
<i>Hip</i>	Surface porosity	Right MC1 Left and Right Acetabulum
<i>Foot</i>	Marginal osteophytes	Left proximal phalanx

*Trauma**Spiral Fracture*

A healed night-stick fracture is present at the left distal ulna. The fracture appears to be in the process of healing with associated callus formation and woven bone at the fracture site. Malunion of this fracture has resulted in posterior displacement of the fractured end of the bone shaft. Secondary traumatic osteoarthritic changes are observable at the left wrist joint in the form of eburnation and marginal osteophyte formation.

Spondylolysis

Unilateral spondylolysis is present at the left pars interarticularis of L6. Bilateral spondylolysis is also present at the pars interarticularis of S1.

Congenital

SK 30 presents with a number of congenital abnormalities at the vertebrae and sacrum. T8 exhibits congenital aplasia of the right pedicle, with asymmetrical narrow bifurcation at the right side of the posterior border of the vertebra. The left inferior articular process of L5 presents abnormality of shape in that it appears to be significantly underdeveloped. In addition the inferior articular processes of L6 are abnormal in shape and appear significantly underdeveloped. The inferior articular left facet exhibits an additional facet (i.e. pseudoarthrosis) which corresponds to the additional left superior facet of S1.

Assymetry of the first sacral alae is also evident and most observable from the superior view. The left ala measures 34.81mm whilst the right ala is significantly narrower measuring 20.00mm. There is congenital aplasia of the anterior right pedicle of S2. Assymetry of the height of the right portion of the body of S2 is also observable. The overall assymetry of the lower back and sacral region has resulted in scoliosis of the spine.

Cleft Neural Arch Defect

A cleft neural arch defect is also present at the level of 1st, 2nd, 4th and 5th sacral segments (S1, S2, S4 and S5). Assessment of the possibility of a cleft neural arch defect at the level of S3 is inhibited by post-mortem damage.

Supernumerary Vertebra

L6 is present.

SK 30: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Intervertebral Osteochondrosis, DJD
<i>Joint</i>	DJD, Secondary Osteoarthritis
<i>Trauma</i>	Night-stick fracture, Spondylolysis
<i>Congenital</i>	Supernumerary vertebra, Sagittal Cleft Defect, Cleft Neural Arch Defects, Unilateral hypoplasia of S1

SK 36

Old Adult

Female

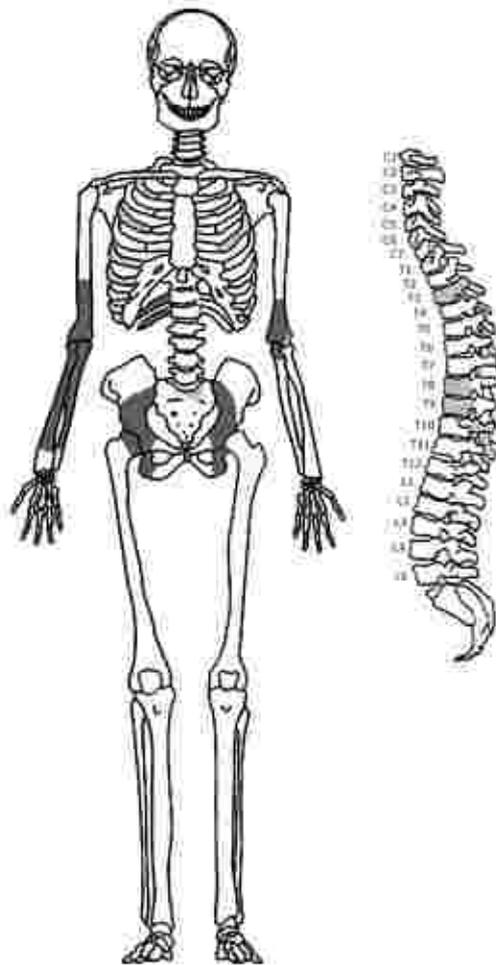
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Infection

SK 36 exhibits periosteal lesions at the right ulna and radius. Reactive bone deposits composed of both woven and sclerotic bone are present at the affected bone shafts.

Joint

SK 36 exhibits pathological lesions indicative of degenerative joint disease and osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity	1x Left Rib head
<i>Elbow</i>	Surface porosity	Right proximal radius
<i>Hip</i>	Surface porosity, marginal osteophytes	Left and right Acetabulum Right Femoral head

SK 36: Palaeopathological Summary and Differential Diagnoses

Joint DJD, OA
Infection Non-specific: reactive bone deposits

SK 40

Middle Adult Female

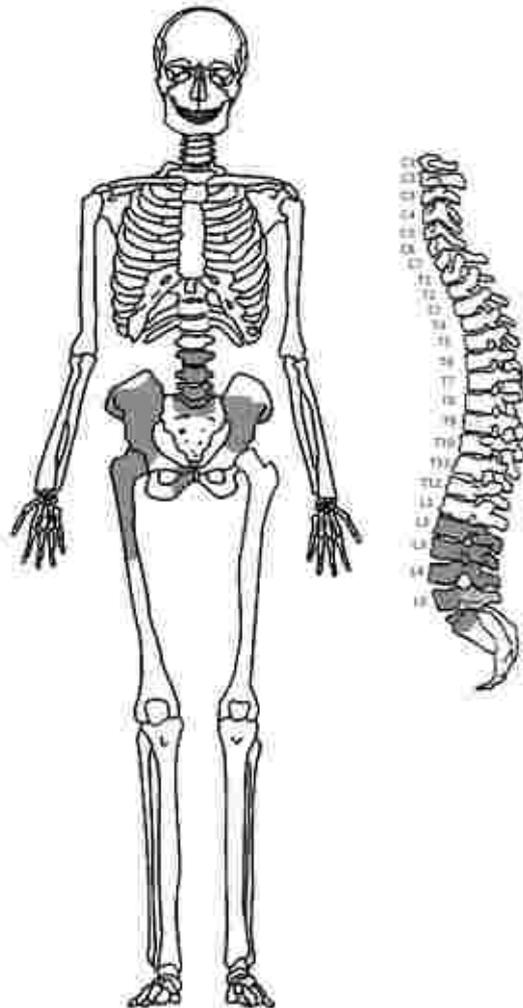
Burial Position and Details:

Plan No: 26A

Area No: 3

Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
L2	0	3	3	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	3, 4	N/R	3				0	3			

SK 40: Palaeopathological Summary and Differential Diagnoses*Vertebral* Intervertebral Osteochondrosis

SK 41

Adult

Female: 156.94 ± 3.66cm

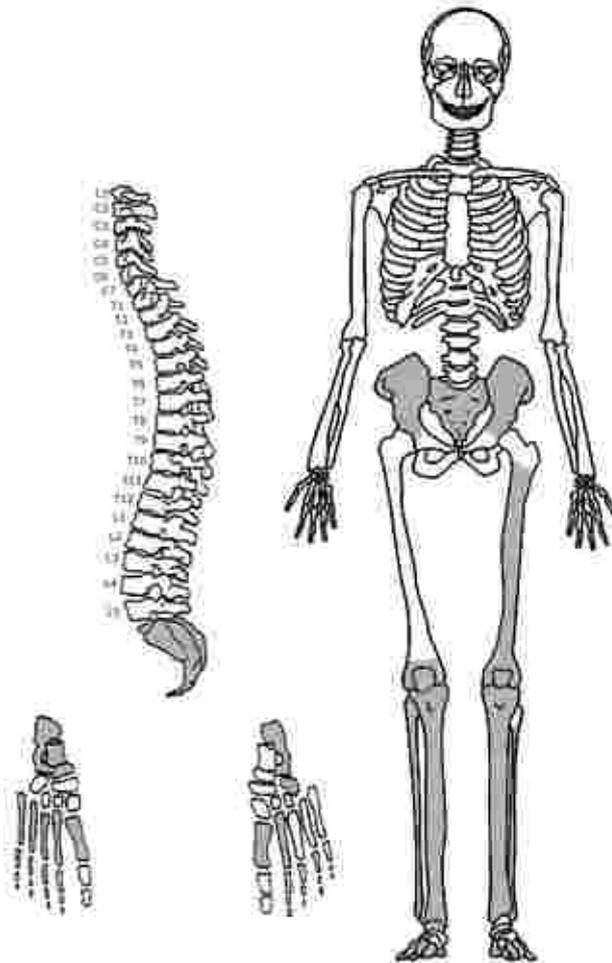
Burial Position and Details:

Plan No: 26B

Area No: 3

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 41: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 42**Middle Adult****Male: 166.13 ± 3.27cm****Burial Position and Details:**

Plan No: Not specified

Area No: Not specified

E-W orientation: simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvic region with the hands crossed over the pelvis. Both legs were extended with the right leg crossing over the left leg.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/P	N/P	N/P				N/P	N/P			
T1	No pathological lesions present on the observable vertebral fragments											
T2												
T3												
T4												
T5												
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	0	0	0	0	0	N/R	N/R	N/R	0	0	0	N/R
T10	0	5	0	0	0			0	0	0		
T11	3	5	0	0	0			0	0	0		
T12	3, 5	5	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	0	3, 5	0	0				0	0			
L3	5	0	0	N/R				0	0			
L4	3	0	0	0				0	0			
L5	3	0	0	0				0	0			

Schmorl's nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T10, T11, T12, L2 and L3.

*Congenital**Cranial Border Shifting*

S1 has developed the morphological characteristics of L5. This is indicative of complete expression of cranial border shifting at the lumbosacral border.

SK 42: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
Congenital Cranial shifting at the lumbosacral border

SK 45**Adult****Male**

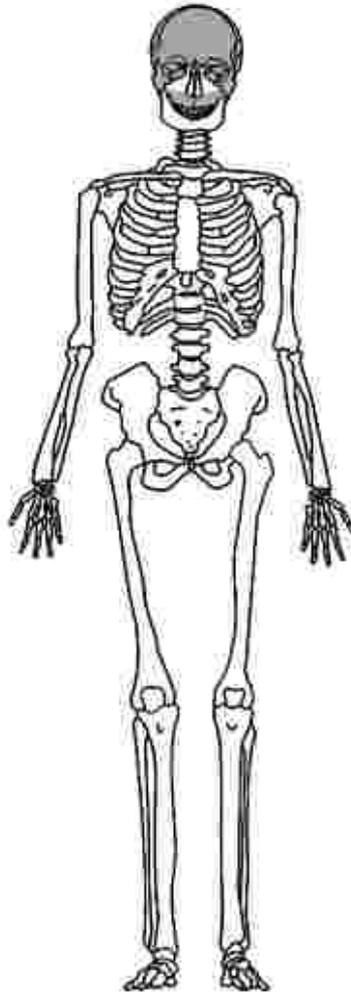
Burial Position and Details:

Plan No: Not specified

Area No: 7

W-E orientation: The cranium was facing north.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/R	N/R	3	N/R	N/R	1	1	N/R	N/R	N/R	0	0	N/R	N/R	2	N/R
Period. Dis.	N/R	N/R	1	N/R	0	N/R	0	N/R	N/R	N/R						

E.Hypoplasia	N/R	N/R	N/R	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	0	N/R
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	0
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R	0
Caries	N/R	N/R	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	0	0	N/R
Calculus	N/R	N/R	0	N/R	N/R	1	1	N/R	N/R	N/R	1	1	N/R	0	1	N/R
	2	2	1	2	2	1	1	2	2	2	1	1	2	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Cranial Pathology

Miscellaneous

Hyperostosis Frontalis Interna

Two lesions indicative of Hyperostosis Frontalis Internia (HFI) are evident on the endocranial surface of the frontal bone. These lesions consist of compact sclerotic bone and are irregular in shape.

SK 45: Palaeopathological Summary and Differential Diagnoses

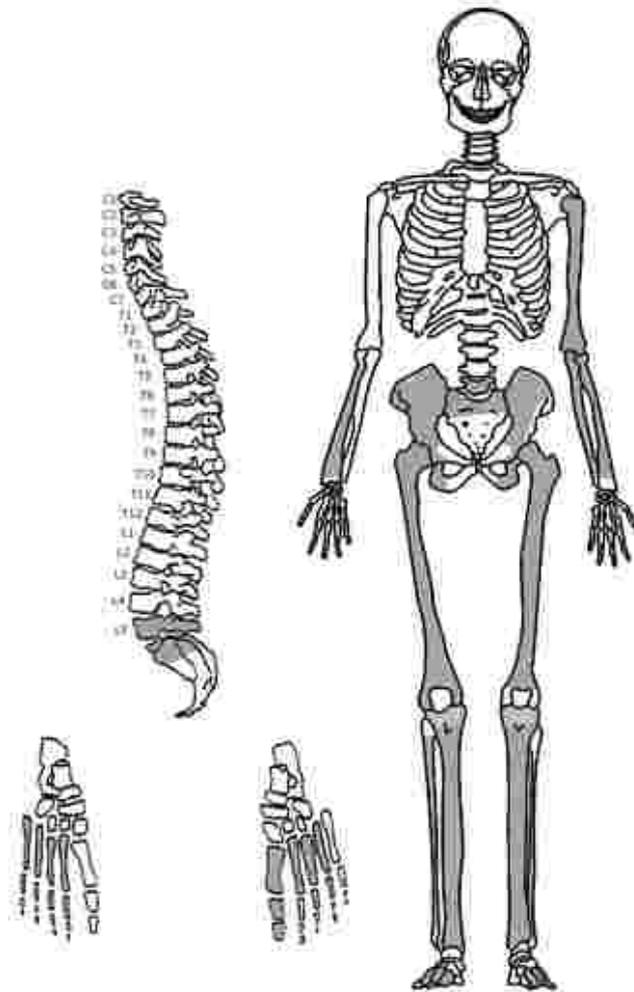
Dental Calculus, periodontal disease, dental attrition
Miscellaneous Hyperostosis Frontalis Interna

SK 46**Young Adult****Male: 178.73 ± 2.99cm****Burial Position and Details:**

Plan No: Not specified

Area No: 15

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The left arm was positioned across the chest with the right arm extended by the side of the body. Both legs were extended with the feet extended also.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post-Cranial Pathology

Infection

Reactive Bone Formation

SK 46 exhibits bilateral reactive bone deposits of the femora. These lesions are composed of both woven and sclerotic bone and are located on the posterior aspect of the mid-shaft in both cases. Partial sclerosis of these lesions indicates a degree of healing took place before the time of death.

SK 46: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 47

Middle Adult

Male: 156.89 ± 2.99cm

Burial Position and Details:

Plan No: 23

Area No: 15

W-E orientation: Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	2	1	1	2	N/P	N/P	N/P	N/P	2	1	1	2	N/P	N/P
Period. Dis.	N/P	3	1	1	2	1	0	N/R	N/R	0	N/R	2	1	2	0	0
E.Hypoplasia	N/P	N/P	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P	N/P
Cyst	N/P	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	0	0
Abscess	N/P	1	0	0	0	0	0	N/R	N/R	0	0	0	0	0	1	0
Caries	N/P	N/P	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	1	N/P	N/P
Calculus	N/P	N/P	2	1	1	1	N/P	N/P	N/P	N/P	1	1	1	1	N/P	N/P
	N/P	2	1	1	1	1	4	2	2	2	1	1	1	1	2	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	N/P	N/P	1	1	1	2	2	2	N/P	2	1	1	1	1	1	1
Caries	N/P	N/P	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	N/P	0	1	N/R	0	0	0	2	1	0						
Attrition	N/P	N/P	2	1	1	2	2	2	N/P	2	1	1	2	2	2	2

Dental Disease

Antemortem Tooth Loss

SK 47 exhibits antemortem tooth loss of the right maxillary lateral incisor. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries, Abscess/Cyst

Tooth 17: A large abscess or cyst is present at the tooth site with associated periosteal lesion of reactive woven bone on the posterior border of the abscess and significant resorption of alveolar bone at the tooth site. This lesion has not perforated the maxillary sinus.

Tooth 27: A large abscess or cyst is present at the tooth site with associated significant resorption of alveolar bone at the tooth site. This lesion has not perforated the maxillary sinus.

Tooth 26: Small carious lesion present on the distal aspect of the neck of the tooth

Cranial Pathology

Infection

Maxillary Sinusitis

Reactive woven bone deposits indicative of maxillary sinusitis are evident in the left maxillary sinus, affecting <1/3 of the sinus. Sclerotic bone deposits are also apparent in both the left and right maxillary sinuses affecting between 1/3 and 2/3 of the sinuses.

Post-Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/R	0	0				0	0			
C2	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				N/R	N/R			
C7	0	0	0	0				N/R	0			
T1	0	0	0	0	0	0	0	0	0	0	N/R	N/R
T2	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0
T3	N/R	0	0	0	0	N/R	N/R	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	0	N/R
T5	0	0	N/R	N/R	N/R	4	N/R	N/R	N/R	0	0	N/R
T6	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	4	N/R	N/R	0	0	N/R	N/R	N/R	0	4	N/R
T9	3	3,4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	3	3	0	N/R	0			N/R	N/R	0		
T11	3,4	3,4	N/R	N/R	3			N/R	N/R	0		
T12	3,4	3,4	N/R	N/R	N/R			N/R	N/R	0		
L1	3,3	N/R	N/R	0				0	0			
L2	N/R	N/R	0	3				3	0			
L3	N/R	N/R	3,4	3				3	0			

Joint

SK47 exhibits pathological lesions indicative of degenerative joint disease and/ or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Unifocal bone loss	Right Mandibular Condyle
<i>r</i>		
<i>Glenohumeral</i>	Marginal osteophytes	Left Glenoid Fossa
<i>Ribs</i>	Surface porosity, surface osteophytes	Left 11 th rib head 1x Right Costal Facet and rib head
<i>Elbow</i>	Surface porosity	Right Proximal radius
<i>Hand</i>	Marginal osteophytes	Left MC1
<i>Hip</i>	Surface porosity	Left Acetabulum

*Neoplastic**Possible Solitary Enostosis*

A possible solitary enostosis or osteoma is present on the posterior-medial aspect of the distal shaft of the left humerus. The bone formation is composed of well-organised lamellar bone and measures 17.8mm superior-inferior and 3.9mm medial-lateral.

SK 47: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental abscess/cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	DJD
<i>Joint</i>	DJD, OA
<i>Infection</i>	Maxillary sinusitis
<i>Neoplastic</i>	Possible Solitary Enostosis or Osteoma

SK 48

Adult

Female

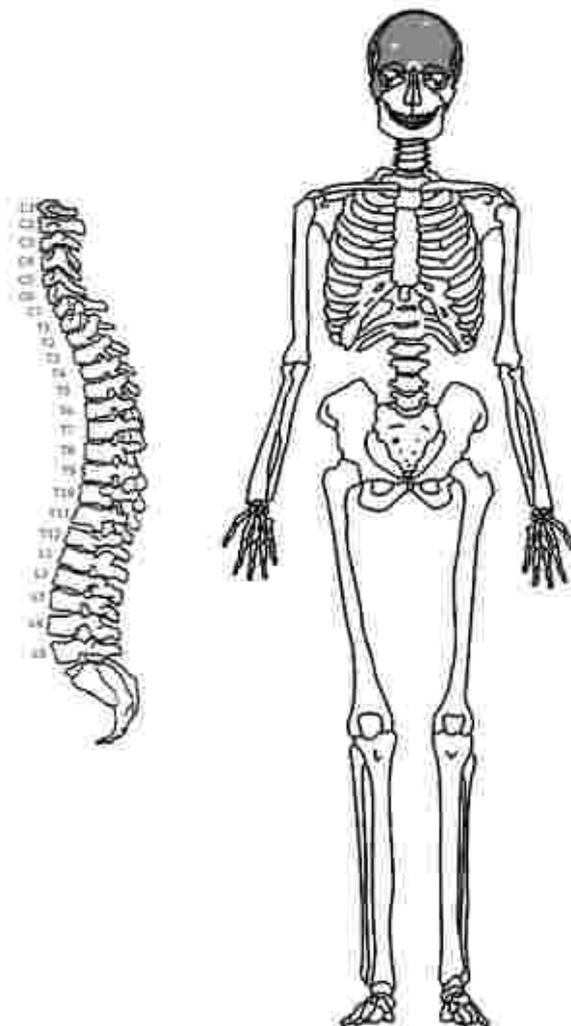
Burial Position and Details:

Plan No: 3

Area No: 3/7

W-E orientation: simple, extended supine burial of poor completeness and good preservation.
The burial position was not specified due to fragmentation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral and middle-lateral aspect of both orbital roofs. These lesions appear to have been healed at the time of death.

Miscellaneous Pathology

Abnormal Bone Loss

Two areas of focal bone loss are present at various points of the cranial vault.

Focal Bone Loss #1: The first lesion presents at the left parietal, approximately 30.1mm anterior of the midlambdoid suture. This lesion affects the outer table only and is unifocal, oblong in shape and has a maximum width of 5.52mm. The boundaries of this lesion are well-defined with no sclerosis.

Focal Bone Loss #2: The second lesion presents at the occipital bone, 31.66mm inferior to lambda. This lesion affects the internal table only and is unifocal. The lesion is oblong in shape and has a maximum width of 11.13mm. The boundaries of this lesion are well-defined with no sclerosis.

SK48 also exhibits an area of abnormal bone formation at the endocranial surface of the posterior parietal. This lesion affects the internal table only and has a maximum diameter of 8.02mm. This lesion appears to be composed of well-organised cortical bone.

SK 48: Palaeopathological Summary and Differential Diagnoses

Metabolic CO
Miscellaneous Abnormal Bone Loss and Abnormal Bone Formation

SK 49

Young Adult Male

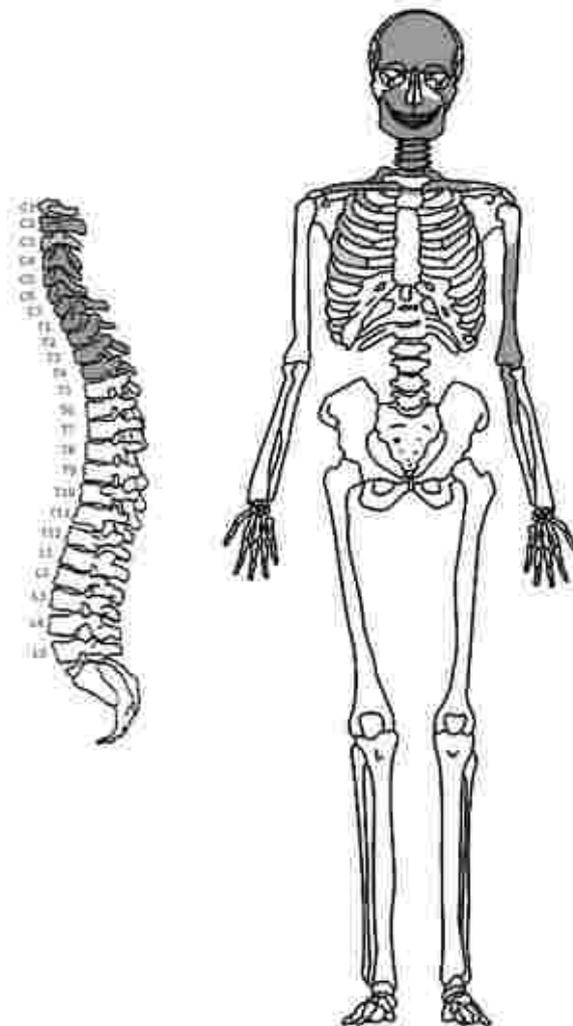
Burial Position and Details:

Plan No: 26B

Area No: 3

W-E orientation: simple, extended supine burial of poor completeness and good preservation.
The left arm was positioned under the ribs.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	0	1	2	1	1	1	1	1	1	1	1	1	1	2	1	N/P	
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Calculus	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	N/P
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	0

*Dental Disease**Congenital Abnormalities of the Teeth/Jaws*

Tooth 28 is missing congenitally.

SK 49: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, congenitally absent 3rd molar
Congenital Absent 3rd molar

SK 50

Young Adult

Male

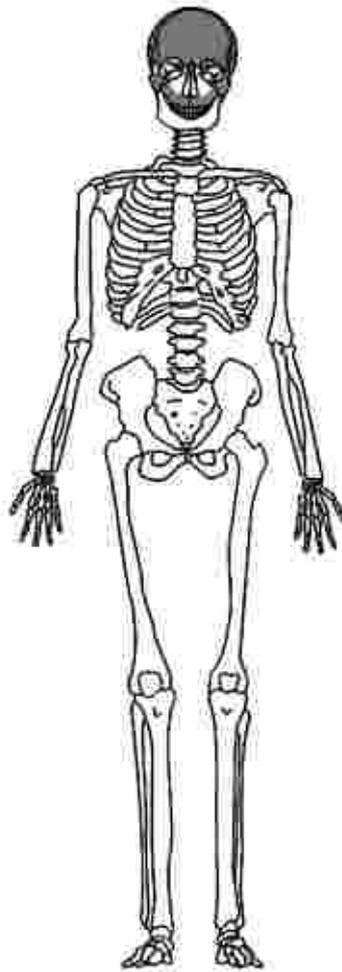
Burial Position and Details:

Plan No: Not specified

Area No: 3

Orientation not specified: simple, supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	8	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
Calculus	N/R	0	1	0	0	1	0	N/R	1	1	1	1	0	1	1	1
Caries	N/R	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0
Period. Dis.	N/R	0	0	1	1	1	N/R	N/R	N/R	N/R	N/R	1	0	0	0	0
Attrition	N/R	0	1	0	0	1	1	N/R	1	1	1	0	0	1	0	0

*Dental Disease**Congenital Abnormalities of the Teeth/ Jaws*

Tooth 42 is rotated medially and appears somewhat underdeveloped.

Tooth 48 is missing congenitally.

Cranial Pathology*Metabolic**Non-specific Stress Indicator: Possible Porotic Hyperostosis*

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The lesions are healing at the time of death.

SK 50: Palaeopathological Summary and Differential Diagnoses

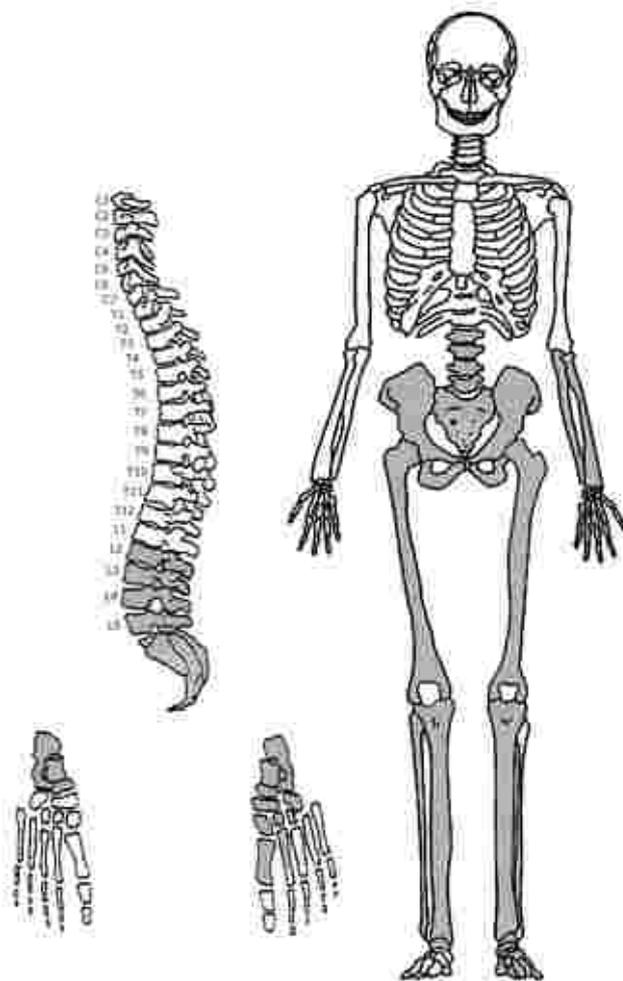
Dental Calculus, dental attrition, tooth rotation, congenitally absent 3rd molar
Metabolic Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis
Congenital Absent 3rd molar

SK 51**Young Adult****Male: 172.75 ± 2.99cm****Burial Position and Details:**

Plan No: Not specified

Area No: 3

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post- Cranial Pathology

Congenital

Cranial Border Shift

There is sacralisation of L5, indicative of incomplete cranial shifting at the lumbosacral border.

SK 51: Palaeopathological Summary and Differential Diagnoses

Congenital Cranial Border Shift

SK 52

Adult

Female: 155.37 ± 3.55cm

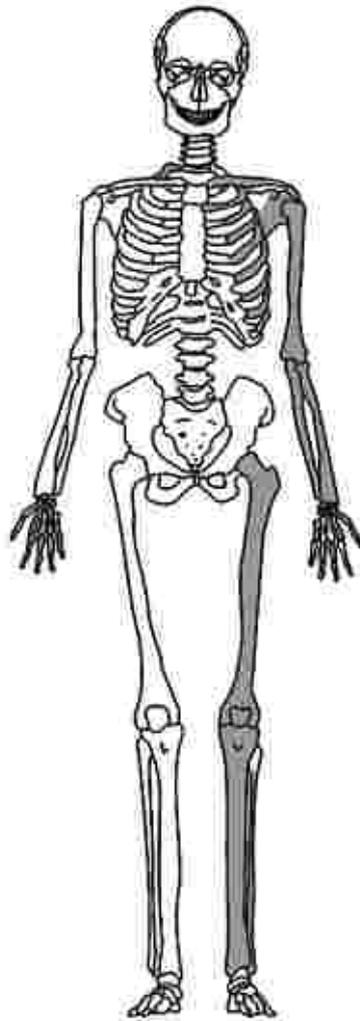
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post-cranial Pathology

Joint

SK52 exhibits pathological lesions indicative of degenerative joint disease and/ or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes, surface osteophytes	Left Humeral Head and Glenoid fossa
<i>Elbow</i>	Surface porosity	Left distal humerus and proximal radius
<i>Wrist</i>	Surface porosity, marginal osteophytes	Left distal ulna and radius
<i>Hand</i>	Marginal osteophytes	Left MC1, 2x proximal, 2x intermediate and 1x distal hand phalanges
<i>Hip</i>	Surface porosity	4 Right hand phalanges Left Femoral Head
<i>Knee</i>	Marginal osteophytes	Left Femoral Condyles and Tibial Condyles
<i>Ankle</i>	Surface porosity	Left Tibia

SK 52: Palaeopathological Summary and Differential Diagnoses

Joint DJD, OA

SK 54**Middle Adult****Male: 171.97 ± 2.99cm****Burial Position and Details:**

Plan No: 28

Area No: 12

W-E orientation: simple, extended supine burial of good completeness and moderate preservation. Both arms were flexed at the elbow and crossing the pelvis.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	0	0	0	0				N/R	N/R			
C6	0	0	0	0				N/R	N/R			
C7	0	0	0	N/R				N/R	N/R			
T1	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T2	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T3	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T4	0	0	0	0	0	0	N/R	0	0	0	N/R	0
T5	0	0	0	0	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T8	0	0	0	0	0	0	0	0	0	0	N/R	0
T9	0	0	0	3	0	0	0	N/R	0	0	0	N/R
T11	0	5	0	0	0			0	0	0		
T12	5	0	0	N/R	0			0	N/R	0		
L1	0	5	3	0				4	3			
L2	5	0	0	0				3	0			
L3	0	0	0	0				0	0			
L4	5	5	0	0				0	0			
L5	5	5	3	3				0	0			
L6	0	0	0	N/R				3	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T11, T12, L1, L2, L4 and L5

Congenital

Aplasia with compensatory pseudoarthrosis

There is a new joint (pseudoarthrosis) evident at between the lamina and the right inferior articular facet of L6. The right inferior articular facet is missing post-mortem. Minor joint pathology is observable at this new joint surface in the form of macroporosity and marginal osteophytes.

Supernumerary Vertebra

L6 is present.

SK 54: Palaeopathological Summary and Differential Diagnoses

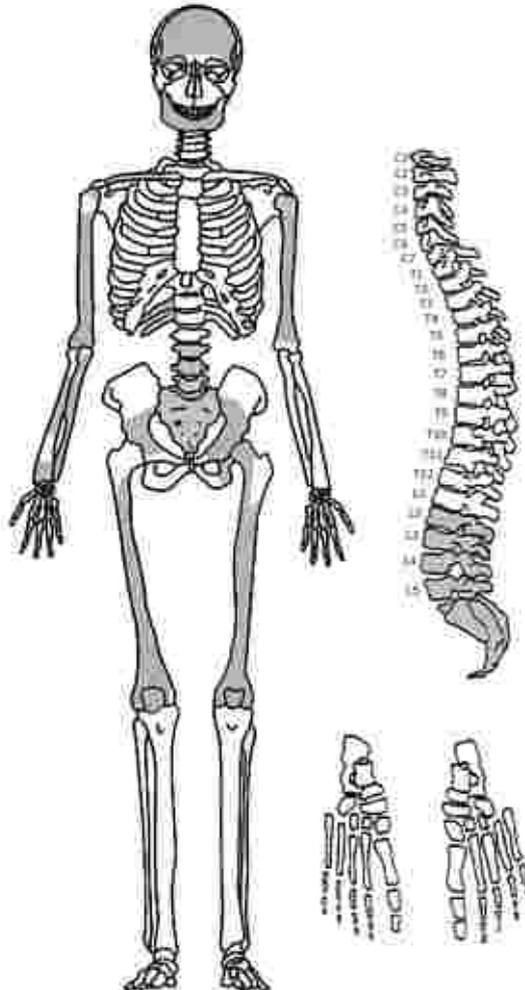
Vertebral Schmorl's nodes
Congenital Pseudoarthrosis, Supernumerary vertebra

SK 55**Middle Adult****Female: 157.59 ± 3.72cm****Burial Position and Details:**

Plan No: 23A

Area No: 15

W-E orientation: simple, extended supine burial of moderate completeness and moderate preservation. The skull was positioned on right side. The left arm was along the left side of body with the right arm under the body; both legs flexed at the knee. SK55 was found in association with the find F5: a piece of pottery.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	2	1	3	2	2	2	2	2	2	2	2	2	2	2	2
Calculus	N/P	N/P	2	N/R	N/P											
Caries	N/P	N/P	0	N/R	N/P											
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	0	N/R	N/P											
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/P	N/P	3	N/R	N/P											

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/R	0	0				N/R	N/R			
L1	3 unnumbered lumbar vertebrae present; porosity exhibited at all 3 vertebral bodies; osteophytes exhibited on one vertebral body; marginal osteophytes exhibited at left superior articular facet of one lumbar neural arch and right inferior facet of another lumbar neural arch											
L2												
L3												
L4												
L5	3, 4	3, 4	N/R	N/R				3	N/R			

Metabolic/ Trauma

Probable Osteoporosis with secondary Pathological Fractures

SK 55 exhibits a number of pathological fractures which are likely indicative of osteoporosis. A healed Colles fractures is present at the right distal radius. In the radial fracture malunion of the fractured bone has resulted in posterior displacement of the distal end. Fractures of this kind are commonly associated with a fall on extended arms.

Compression fractures are also observable at the vertebral bodies of three unnumbered lumbar vertebrae. These fractures have resulted in an anterior wedge-shaped appearance to the affected bodies. The degree of secondary kyphosis of the spine as a result of these fractures cannot be assessed due to fragmentation.

Spondylolysis

Bilateral spondylolysis exhibited at pars interarticularis of L5

SK 55: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Vertebral</i>	Compression fractures
<i>Metabolic</i>	Probable osteoporosis
<i>Trauma</i>	Pathological Fractures, Spondylolysis

SK 57**Young Adult****Female****Burial Position and Details:**

Plan No: 23A

Area No: 15

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The skull was positioned on the left side facing north. The left arm was by the side of the body.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	1	0	0	1	1	1	1	1	1	1	1	N/R	1	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/R	0	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	3	0	N/P	
Calculus	N/P	2	2	1	1	1	1	1	1	1	1	1	1	N/R	1	N/P	
		8	1	1	1	1	1	1	1	1	1	1	1	5	1	8	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		8	1	4	1	1	1	1	1	1	2	1	1	1	1	1	8
Calculus	N/P	1	1	1	1	1	2	2	2	N/P	1	1	1	1	1	N/P	
Caries	N/P	0	3	0	0	0	0	0	0	N/P	0	0	0	0	0	N/P	
Abscess	N/P	0	1	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	0	N/R	0	0	0	0	0	0	0	N/P	0	0	0	0	N/P	
Period. Dis.	N/P	2	3	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Attrition	N/P	1	2	0	0	1	2	2	2	N/P	1	1	1	1	1	N/P	

Dental Disease

Antemortem Tooth Loss

SK 57 exhibits antemortem tooth loss of a mandibular 1st molar. Complete secondary resorption of the alveolar bone has occurred at the affected tooth site.

Caries, Abscess

Tooth 46: Large carious lesion is present; this lesion has eroded approximately 50% of tooth crown, associated abscess/ cyst at the site of the tooth.

Tooth 26: Carious lesion has eroded the tooth crown so that only the tooth root remains

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18, 28, 38 and 48 are missing congenitally.

Cranial Pathology

*Metabolic**Non-specific Stress Indicator: Possible Porotic Hyperostosis*

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post-cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	N/R	N/R				0	0			
C4	0	0	0	0				0	0			
C5	0	0	N/R	N/R				N/R	N/R			
T1	Seven unnumbered thoracic vertebral fragments present; three of these vertebral fragments have mild expression schmorl's nodes evident. The remaining vertebrae have no pathological lesions evident.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	5	5	0	0	0		0	0	0			
T11	5	5	N/R	0	0		0	0	0			
T12	N/R	N/R	N/R	0	N/R		0	0	N/R			
L1	N/R	N/R	0	0			0	0				
L2	N/R	N/R	0	0			0	0				
L3	0	5	0	0			0	0				
L4	N/R	0	0	0			0	0				

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T10, T11 and L3.

SK 57: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental abscess/cyst, periodontal disease, calculus, dental attrition
Vertebral Schmorl's nodes
Metabolic Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis

SK 58B

Adult

Female: 156.31 ± 3.55cm

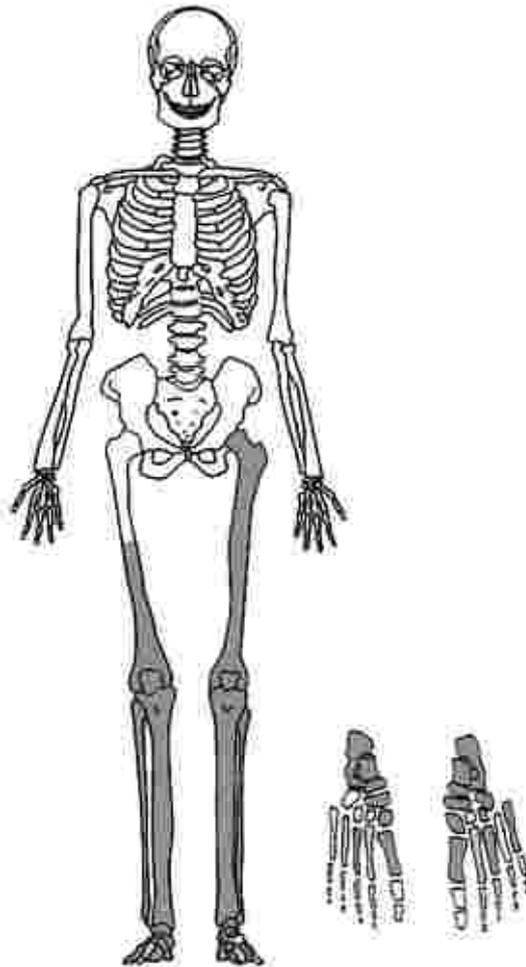
Burial Position and Details:

Plan No: 23A

Area No: 15/20

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 58B: Palaeopathological Summary and Differential Diagnoses

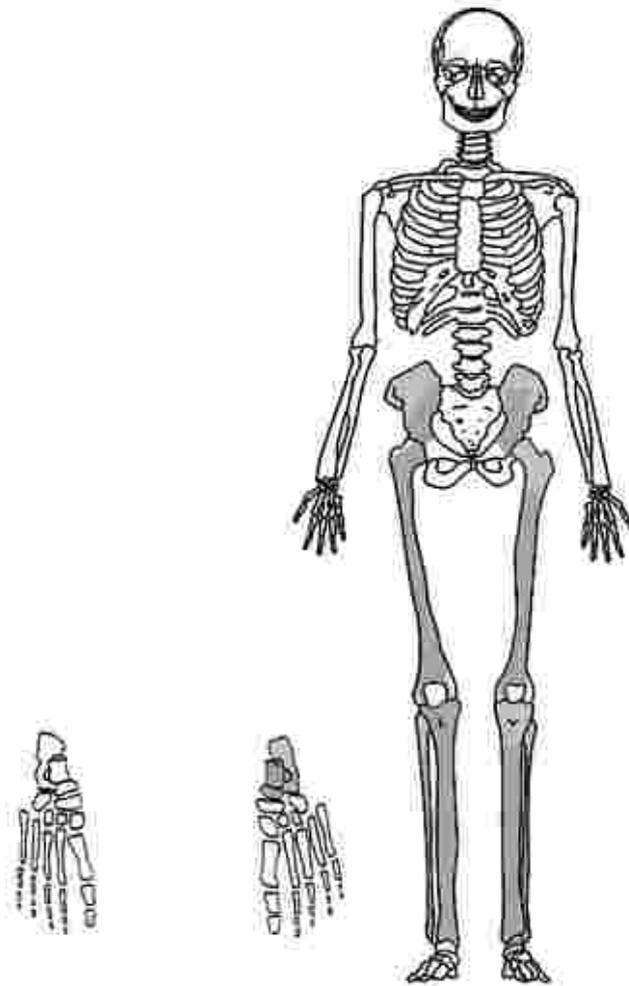
No pathological lesions were observed on the skeletal elements present for analysis.

SK 59**Adult****Female: 148.97 ± 3.55cm****Burial Position and Details:**

Plan No: 23A

Area No: 15

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The lower arm was positioned over the right pelvis with both legs extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

SK 59: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 60B**Middle Adult****Female: 163.84 ± 3.55cm****Burial Position and Details:**

Plan No: 30A

Area No: 16

Orientation not specified; simple, extended supine burial of good completeness and good preservation. SK60B was found in association with the foetal remains of SK60A and nine sherds of pottery

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	N/R	2	2	2	2	2	2	2	2	2	N/R	N/R	N/P	2
Period. Dis.	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
E.Hypoplasia	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	N/R	N/R	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Abscess	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	N/P	3	0	0	0	0	0	0	0	0	0	3	3	N/P	0
Calculus	N/P	N/P	3	2	1	1	1	1	0	1	1	1	0	0	N/P	1
	4	4	1	1	1	1	1	1	1	1	1	1	1	1	4	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	3	2	1	2	1	2	1	1	N/P	1	1	1	1	2	2	2
Caries	0	0	2	1	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1
Attrition	2	2	2	2	2	1	2	2	N/P	2	2	2	2	3	2	2

*Dental Disease**Antemortem Tooth Loss*

SK 60B exhibits ante-mortem tooth loss of 3 maxillary molars. Partial resorption has occurred at the affected tooth sites of Tooth 17 and 27 with no observable resorption (due to the presence of an abscess) at the tooth socket of Tooth 18.

Caries, Abscess

Tooth 25: Large carious lesion present at the tooth crown; much of the tooth has been eroded due to the lesion with only the root remaining

Tooth 26: Large carious lesion present at tooth crown; much of the tooth has been eroded due to the lesion with only the root remaining; associated sinus >1cm in diameter on the buccal aspect and cyst at site of lingual root

Tooth 18: Large abscess present at site of tooth 18; this lesion has eroded the tooth socket

Tooth 45: Small carious lesion present on distal aspect of the neck of the tooth; associated with corresponding carious lesion at Tooth 46

Tooth 46: Small carious lesion present at tooth crown.

Congenital Abnormalities of the Teeth and Jaws

Tooth 24 exhibits an accessory rootlet so that the buccal root is divided into mesio and distobuccal roots. A diastema is present between the maxillary central incisors (Tooth 11 and Tooth 21).

Cranial Pathology

Metabolic

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with probable increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post-cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	3	0	0	0				0	4			
C3	0	4	0	3, 4				0	0			
C4	3, 4	0	3, 4	3, 4				4	0			
C5	0	3, 4	0	0				0	0			
C6	3, 4	3,4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	0	0	0	0	0	4	0	0	0	N/R	N/R	N/R
T2	0	0	0	3,4	0	0	0	0	4	0	0	0
T3	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T5	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T6	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T7	0	0	N/R	N/R	4	4	N/R	N/R	N/R	0	4	N/R
T8	0	0	4	0	0	0	0	0	4	0	0	4
T9	0	5	0	3, 4	0	0	3	0	0	0	0	3, 4
T10	5	5	4	0	0			0	0	0		
T11	5	5	0	0	0			4	0	0		
T12	5	5	4	3	0			0	0	4		
L1	5	0	0	0				0	4			
L2	0	0	0	N/R				0	0			
L3	3	0	0	0				0	0			
L4	3	3	0	0				0	0			
L5	3	3, 4	3	N/R				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T9, T10, T11, T12 and L1.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the inferior vertebral body of L5.

*Trauma**Musculo-skeletal Stress*

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the right patella.

Joint

SK60B exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right Temporal
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Sternoclavicular</i>	Surface porosity	Left and right Manubrium
<i>Glenohumeral</i>	Periarticular resorptive foci, surface porosity	Left and right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	4x Left Costal Facets 5x Right Costal Facets
<i>Elbow</i>	Surface porosity	Left distal humerus
<i>Wrist</i>	Surface porosity	Left proximal radius Left and right distal ulna
<i>Hand</i>	Marginal osteophytes	Left and right 1 st proximal phalanx
<i>Hip</i>	Periarticular resorptive foci and surface porosity	Left and right Acetabulum
<i>Knee</i>	Subchondral bone loss, marginal osteophytes	Left and right Femoral Condyles Right Tibial Condyles
<i>Foot</i>	Subchondral bone loss and surface porosity	Left MT1 and MT4, Left navicular Right Talus

*Congenital**Supernumerary Vertebra*

S6 is present.

Miscellaneous Pathology

An unidentified calcified biological object was found in association with the pelvic fragments.

SK60B: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental abscess/cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Metabolic</i>	Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis
<i>Trauma</i>	Enthesophyte formation
<i>Congenital</i>	Supernumerary vertebra
<i>Miscellaneous</i>	Calcified biological object

SK 60C

Adult

Sex Not Recordable

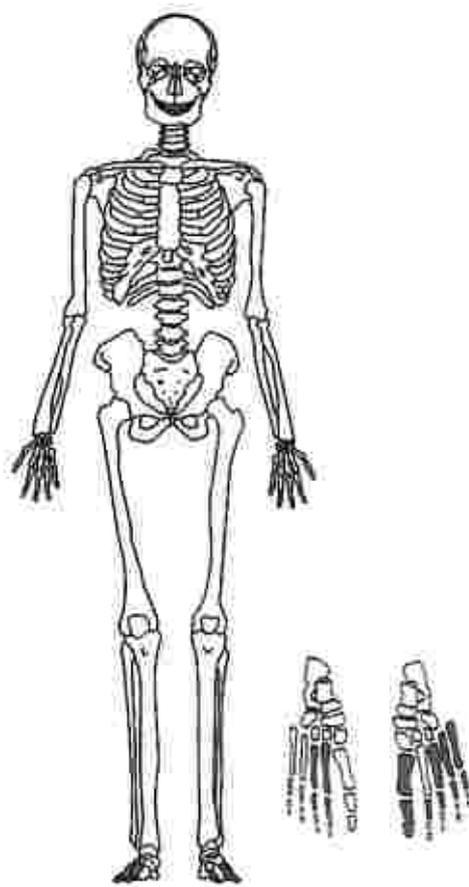
Burial Position and Details:

Plan No: 30A

Area No:16

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 60C: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 62**Middle Adult****Indeterminate Sex****Burial Position and Details:**

Plan No: 30

Area No: 21

SW-NE orientation; simple, extended supine burial of good completeness and good preservation. The skull was facing NW. The arms were flexed at the elbow and crossing the pelvic region with hands over the pelvises. Both legs were extended with the feet side-by-side.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	2	1	2	2	2	2	2	2	2	N/R	N/R	2	2	2	
Period. Dis.	3	1	1	1	1	N/R	N/R	N/R	N/R	N/R	N/R	0	0	2	2	2	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	N/R	N/R	0	0	3	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Abscess	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	3	3	0	0	3	
Calculus	N/P	3	2	1	1	1	1	1	1	1	0	1	N/R	N/R	2	2	1
	2	1	1	1	1	1	1	1	1	1	1	1	5	5	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1
Calculus	1	1	N/P	N/P	2	1	1	1	1	1	1	1	1	N/P	1	1	
Caries	0	0	N/P	N/P	0	0	0	0	0	0	0	0	1	N/P	1	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	0	0	N/P	N/P	0	0	0	0	0	0	0	0	N/R	N/P	0	0	
Period. Dis.	2	2	0	0	2	N/R	0	2	2								
Attrition	1	2	N/P	N/P	2	1	2	2	2	2	2	1	1	N/P	2	2	

Dental Disease

Caries/ Abscess/ Cyst

Tooth 18: Large abscess exhibited at site of Tooth 18; secondary periostitis surrounds the boundaries of the lesion.

Tooth 24, Tooth 25 and Tooth 28: Carious lesions exhibited eroding entire tooth with only the roots remaining.

Tooth 35: Small carious lesions exhibited on the medial and distal aspects of the tooth at the neck.

Tooth 37: Small carious lesion exhibited on the mesial aspect of the tooth at the neck.

Congenital Abnormalities of the Teeth/ Jaws

There is distal rotation of Tooth 43 by approximately 90°.

Cranial Pathology

Metabolic

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietal bones. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	3, 4	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	N/R	0	0	0	0	0
T4	0	0	0	0	0	0	N/R	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	0	3	0	0	0	0	0
T7	0	0	0	0	0	0	4	0	0	0	4	0
T8	0	0	0	0	0	0	4	0	0	0	0	4
T9	0	0	0	0	0	4	4	0	0	0	4	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	4	N/R	0	0			0	0	0		
L1	0	0	3	4				3	0			
L2	0	0	3	0				0	0			
L3	3	0	0	3				3	0			
L4	3	3	0	0				0	0			
L5	3	0	0	3, 4				0	3			

*Trauma/ Joint**Partial Fracture*

Probable partial fracture present at proximal articular facet of an unnumbered proximal foot phalanx. The fracture line is still evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in secondary DJD at the affected metatarsophalangeal joint in the form of sharp ridge lipping (marginal osteophytes).

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L4

Congenital

Lumbar rib

Rib 13 is present on the right hand side

SK 62: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, dental abscess/cyst, calculus, dental attrition, tooth rotation
<i>Vertebral</i>	Intervertebral Osteochondrosis, DJD
<i>Metabolic</i>	Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis
<i>Joint</i>	Secondary DJD
<i>Trauma</i>	Fracture, Spondylolysis
<i>Congenital</i>	Lumbar rib

SK 63**Young Adult****Male: 162.08 ± 3.27cm****Burial Position and Details:**

Plan No: 26C

Area No: 3

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was facing NW. The left arm was extended by the side of the body with the right arm crossing the pelvis. The hands were positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Taphonomy: Animal gnawing marks were noted on left MC2

Dentition

Attrition	N/P	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Attrition	N/P	0	0	0	0	1	1	1	1	1	1	1	0	0	0	N/P	

Dental Disease

Trauma

Tooth 44: Appears broken antemortem possibly as a result of trauma, so that the dentin has been exposed on the lingual aspect of the tooth crown

Congenital Abnormalities of the Teeth/ Jaws

Tooth 38 and 48 are missing congenitally.

SK 63: Palaeopathological Summary and Differential Diagnoses

- Dental* Calculus, dental attrition, trauma, congenitally absent molars
Congenital Absent 3rd molars
Trauma Antemortem tooth damage

SK 64

Young Adult

Probable Male

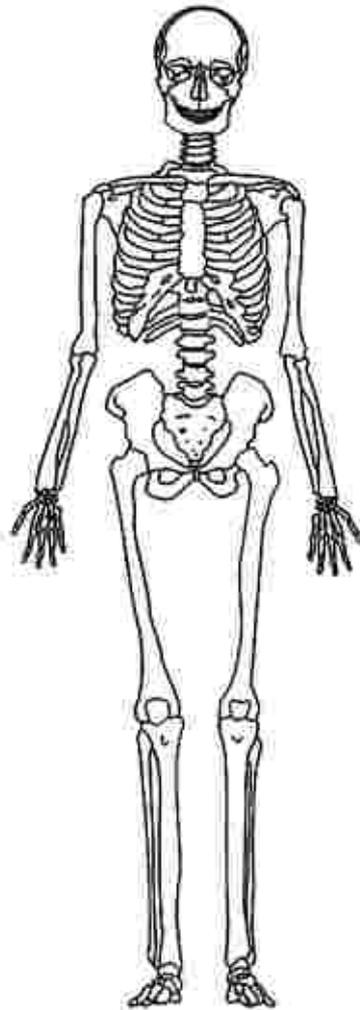
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	0	N/P	N/P	N/P	N/P	1	1	N/P							
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	0	0	N/P							
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	N/P	N/P	N/P	N/P	0	0	N/P							
Calculus	N/P	1	N/P	N/P	N/P	N/P	1	1	N/P							
	N/P	1	N/P	N/P	N/P	N/P	1	1	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	N/P												
Calculus	N/P	1	0	N/P												
Caries	N/P	0	0	N/P												
Abscess	N/P															
Cyst	N/P															
E.Hypoplasia	N/P	0	1	N/P												
Period. Dis.	N/P															
Attrition	N/P	1	0	N/P												

Dental Disease

Enamel Hypoplasia

Tooth 37: 1 hypoplastic groove observed 1.48mm from the cemento-enamel junction.

Cranial Pathology

Neoplastic

Button Osteoma

A button osteoma (i.e. a small island of ivory-like lamellar bone) is present at the occipital bone.

SK 64: Palaeopathological Summary and Differential Diagnoses

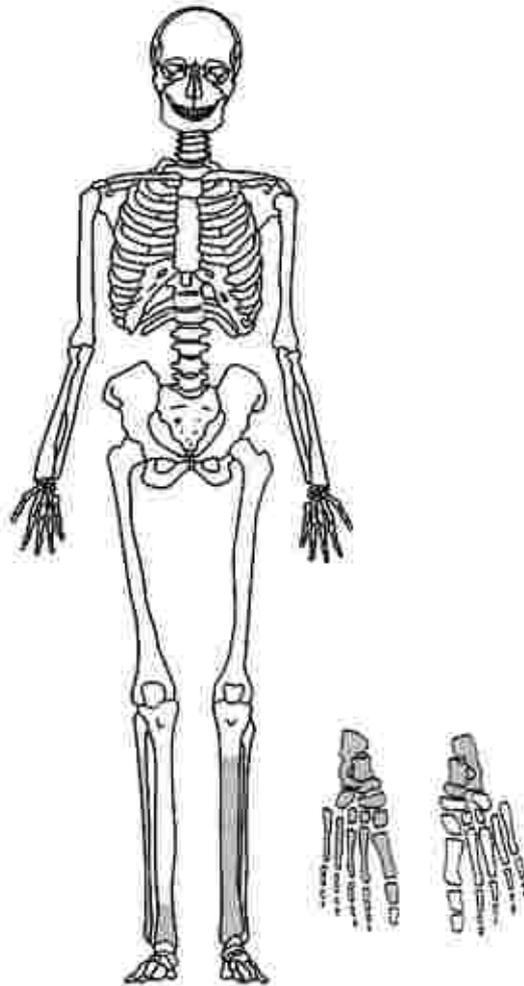
Dental Calculus, dental attrition, enamel hypoplasia
Neoplastic Button Osteoma

SK 65**Adult****Sex Not Recordable****Burial Position and Details:**

Plan No: 26B

Area No: 3

W-E orientation; simple, extended supine burial of poor completeness and good preservation. SK65 was found in association with the adult remains of SK66.

Visual Inventory

Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 65: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 66

Old Adult

Female: 148.83 ± 3.55cm

Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T2	0	0	0	4	N/R	N/R	0	0	4	N/R	N/R	N/R
T3	0	0	4	4	4	0	0	0	0	0	N/R	0
T4	0	3	4	4	0	N/R	0	0	0	0	N/R	0
T5	3	3, 4	4	4	0	N/R	0	4	0	0	4	0
T6	3, 4	1	4	1	0	N/R	0	0	1	0	4	N/R
T7	1	3, 4, 5	1	0	0	N/R	N/R	1	0	0	0	N/R
T8	3, 4	3, 4, 5	0	0	0	4	N/R	0	0	0	0	N/R
T9	3, 4	3, 4	0	0	0	0	N/R	0	0	4	0	4
T10	3, 4	3	0	0	4			0	0	4		
T11	3, 4	3, 4	0	0	4			0	0	4		
T12	3	0	0	N/R	4			0	0	4		
L1	0	0	N/R	N/R				0	0			
L2	0	3	4	0				0	0			
L3	0	0	3	0				0	0			
L4	3, 4	3, 4	0	0				0	4			
L5	4	4	4	3				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7 and T8.

Ankylosis

Osteophytes are causing ankylosis of the anterior vertebral bodies of T6 and T7.

Joint

SK 66 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity	Left 11 th and 12 th rib heads Right 11 th rib head
<i>Elbow</i>	Surface porosity , marginal osteophytes	Left proximal radius Trochlear surface of right humerus
<i>Wrist</i>	Surface porosity, marginal lipping	Left distal radius
<i>Hand</i>	Periarticular resorptive foci, eburnation	Right MC1, MC2 and MC3
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Right Acetabulum
<i>Knee</i>	Marginal osteophytes, surface porosity, eburnation	Right Femoral Condyles Left and right Tibial epicondyles

SK 66: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes, Ankylosis
<i>Joint</i>	DJD, Osteoarthritis

SK 67

Adult

Indeterminate Sex

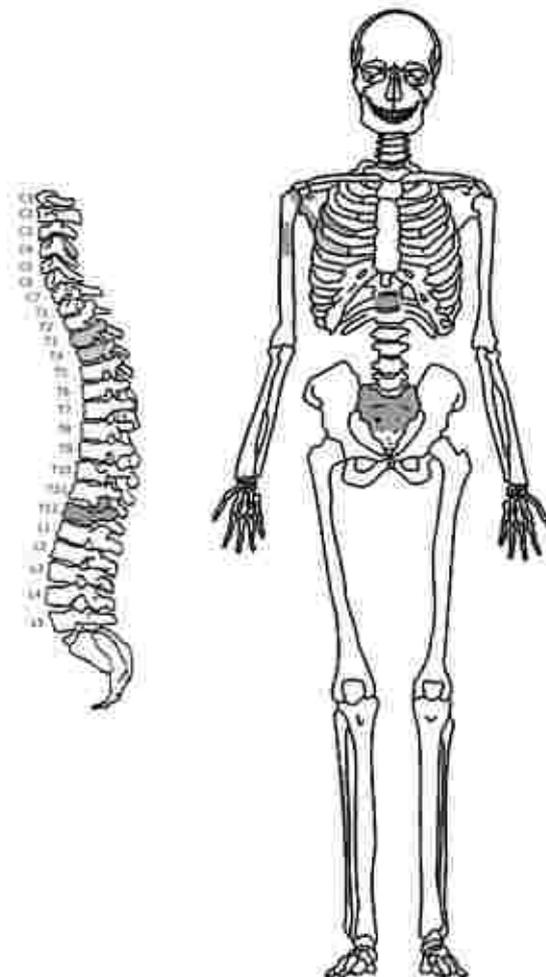
Burial Position and Details:

Plan No: Not specified

Area No: 15

Burial position not specified. SK67 was found in association with the juvenile remains of SK95.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Bodv	Inf. Body	Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
T10	3 & 4	3 & 4	0	0	0				0	0		

Infection

Reactive Bone Formation

SK67 exhibits reactive periosteal lesions at the right fibula. A reactive bone deposit is present on the medial aspect of the shaft of the right fibula. The lesion is largely composed of sclerotic bone indicating a significant degree of healing before time of death.

SK 67 Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

Vertebral Intervertebral osteochondrosis

SK 69

Adult

Sex Not Recordable

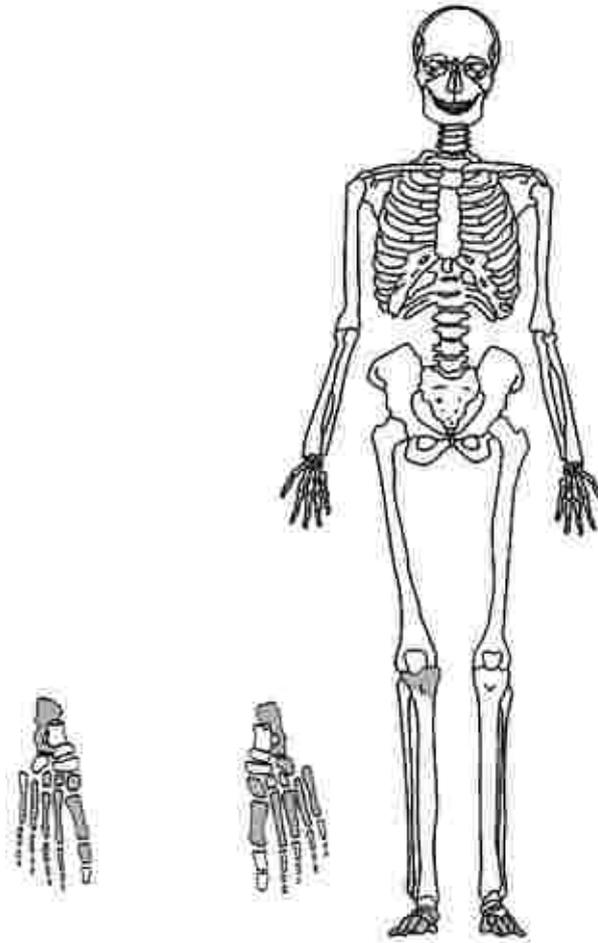
Burial Position and Details:

Plan No: 26B

Area No: 3

W-E orientation: simple, supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 69: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 70**Young Adult Female****Burial Position and Details:**

Plan No: 23B

Area No: 15

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was on the right side facing south. The right arm was extended by the side of the body with the hands over the pelvic region.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	1	2	1	1	1	0	0	0	N/P	1	1	1	1	0	0	0
Caries	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Attrition	0	1	2	2	2	2	2	2	N/P	2	1	0	1	2	2	0

Cranial Pathology*Metabolic**Cribra Orbitalia (CO)*

Type 2 (scattered fine foramina) CO is exhibited in the antero-intermediate sector of the left orbital roof.

SK 70: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, periodontal disease
Metabolic CO

SK 71

Adult

Probable Male

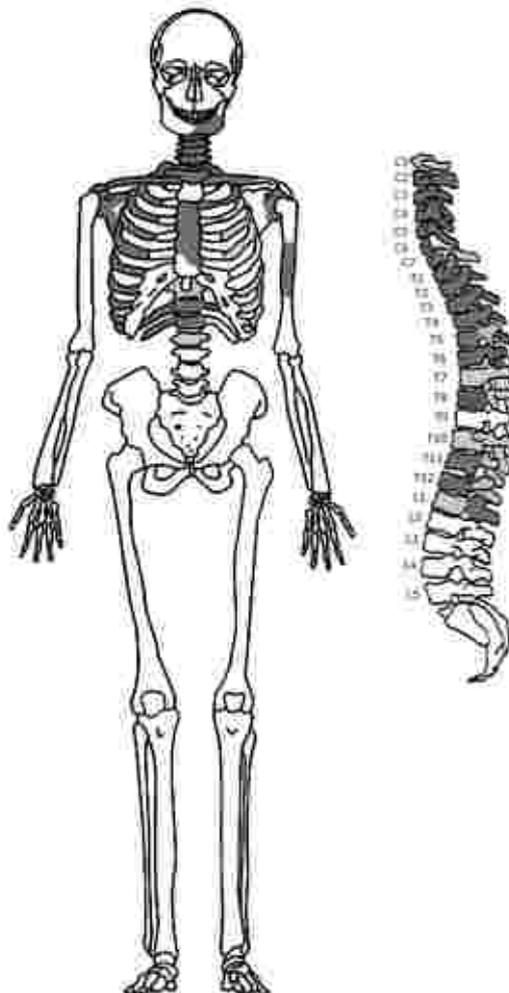
Burial Position and Details:

Plan No: 26C

Area No: 3

Orientation not specified: simple, extended supine burial of moderate completeness and moderate preservation. SK71 was found in association with the infant remains of SK76

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	2	1	1	1	1	1	2	3							
Calculus	N/P	N/R	1	1	1	1	1	N/R	N/P							
Caries	N/P	N/R	0	0	0	0	0	N/R	N/P							
Abscess	N/P	0	0	0	0	0	0	0	N/P							
Cyst	N/P	0	0	0	0	0	0	0	N/P							
E.Hypoplasia	N/P	N/R	0	0	0	0	0	N/R	N/P							
Period. Dis.	N/P	N/R	N/R	1	1	1	1	N/R	N/P							
Attrition	N/P	N/R	1	1	1	1	1	N/R	N/P							

Cranial Pathology

Metabolic/ Infection

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures and bosses of the left parietal. The activity pattern indicates this lesion was healed at the time of death

Trauma

One fragment of parietal bone exhibits a linear edge. Post-mortem erosion has inhibited analysis; possibly due to perimortem trauma.

SK 71: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition, periodontal disease
<i>Metabolic</i>	Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis
<i>Trauma</i>	Perimortem cranial trauma

SK 73

Young Adult

Probable Male

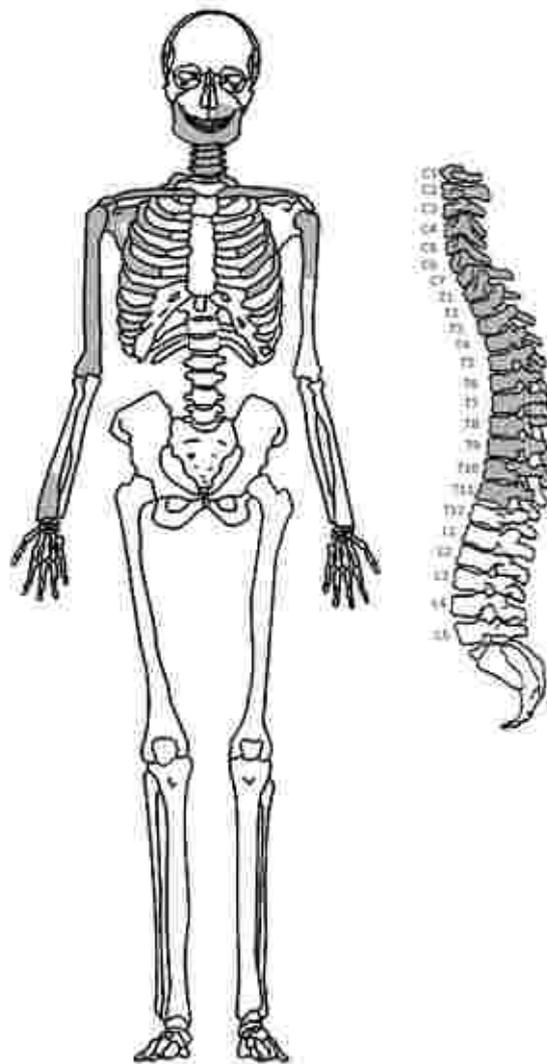
Burial Position and Details:

Plan No: 24

Area No: 15

W-E orientation; simple, extended burial on right side of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	0	1	0	0	0	0	0	N/P							
Period. Dis.	N/P	N/R	N/R	0	0	0	0	0	0							
E.Hypoplasia	N/P	0	0	0	0	0	0	0	N/P							
Cyst	N/P	N/R	N/R	0	0	0	0	0	0							
Abscess	N/P	N/R	N/R	0	0	0	0	0	0							
Caries	N/P	0	0	0	0	0	0	0	N/P							
Calculus	N/P	1	2	2	2	2	2	2	N/P							
	N/P	1	1	1	1	1	1	1	2							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1
Calculus	1	1	2	2	2	N/P	N/P	N/P	N/P	N/P	N/P	2	2	2	2	1
Caries	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 3 (large and small isolated foramina) CO is exhibited in the antero-lateral, antero-intermediate and antero-medial sector of the left orbital roof. Type 3 CO is also exhibited in the antero-lateral sector of the right orbital roof.

SK 73: Palaeopathological Summary and Differential Diagnoses

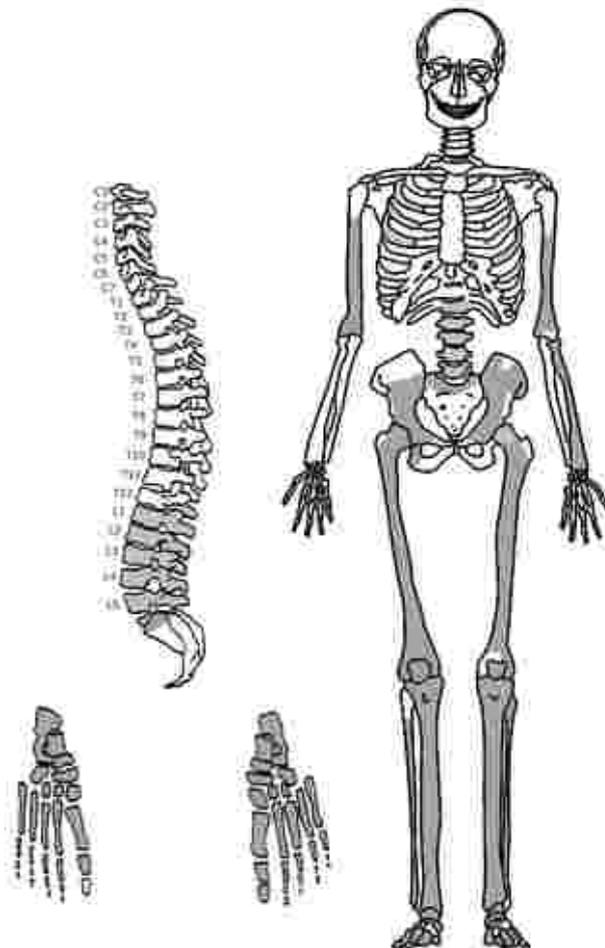
Dental Calculus, dental attrition
Metabolic CO

SK 74**Middle Adult****Female: 144.94± 3.55cm****Burial Position and Details:**

Plan No: 37E

Area No: 16/21

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The hands were positioned over the pelvis with both legs extended. SK74 was found in association with a piece of quartz recovered from the pelvic region.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

SK 74: Palaeopathological Summary and Differential Diagnoses

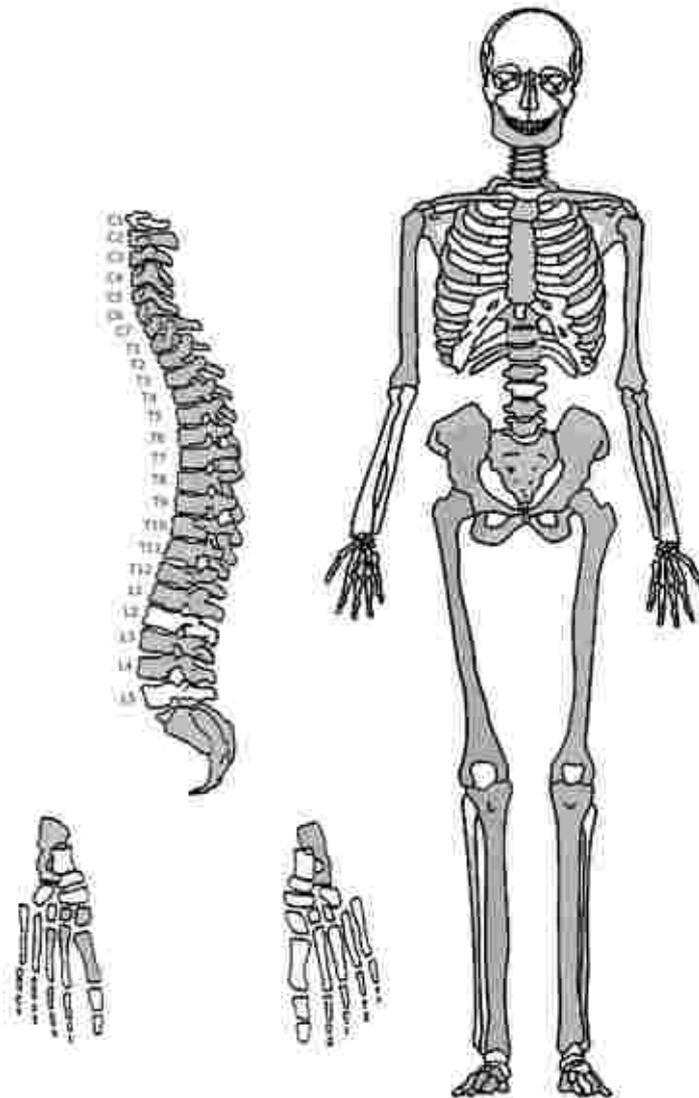
No pathological lesions were observed on the skeletal elements present for analysis.

SK 75**Middle Adult****Female: 153.98 ± 3.55cm****Burial Position and Details:**

Plan No: 23A

Area No: 15

E-W orientation; simple, extended supine burial of good completeness and good preservation. The left arm was extended by the side with both legs extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	N/P													
Period. Dis.	N/P	N/R	N/P													
E.Hypoplasia	N/P	0	N/P													
Cyst	N/P	N/R	N/P													
Abscess	N/P	N/R	N/P													
Caries	N/P	0	N/P													
Calculus	N/P	1	N/P													
	N/P	1	N/P													
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	2	1	2	1	2	2	2	2	2	0	1	2	2	1
Caries	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	3	3	3	1	1	1	0	0	0	0	3	3	2	3	2	2
Attrition	2	2	3	1	1	1	1	1	1	1	2	1	1	2	2	2

Dental Disease

Cyst

Tooth 46: Small cyst present at apex of tooth root

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	3	0	0				0	0			
C3	0	0	N/R	N/R				N/R	N/R			
C4	3 + 4	3 + 4	N/R	N/R				N/R	N/R			
C5	3 + 4	0	N/R	N/R				N/R	N/R			
C6	0	4	0	0				N/R	N/R			
C7	0	0	0	0				0	0			
T1	N/R	N/R	0	0	N/R	N/R	N/R	0	0	4	N/R	0
T2	0	0	N/R	N/R	0	N/R	N/R	0	N/R	0	N/R	N/R
T3	N/R	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	N/R	3 + 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	4	N/R
T5	N/R	3 + 4	N/R	N/R	N/R	4	N/R	N/R	N/R	N/R	0	N/R
T6	0	3 + 4	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T7	4	3 + 4	N/R	N/R	0	4	N/R	N/R	N/R	N/R	N/R	N/R
T8	3 + 4	3 + 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
L1	3 lumbar fragments of centrum present. L5 has Porosity and osteophytes present on the inferior body.											
L2												
L3												
L4												
L5												

SK 75: Palaeopathological Summary and Differential Diagnoses

Dental Cyst, calculus, dental attrition, periodontal disease

Vertebral Intervertebral osteochondrosis

SK 78

Adult

Sex Not Recordable

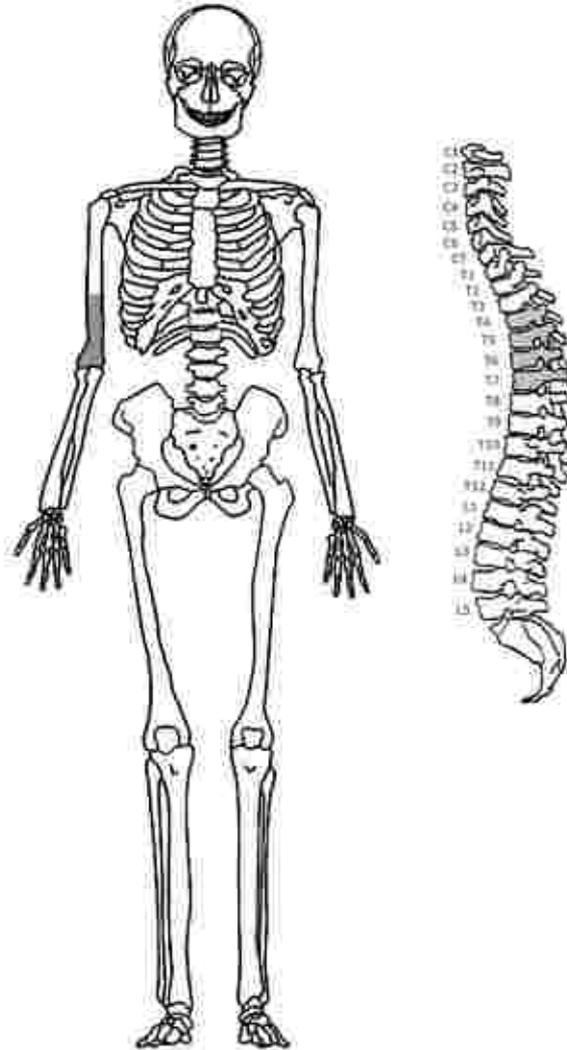
Burial Position and Details:

Plan No: 32E

Area No: 20

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

Intervertebral osteochondritis

Lesions indicative of intervertebral osteochondritis are exhibited at nine of the observable thoracic apophyseal joint surfaces.

Joint

SK 78 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity	3 x costal facets
<i>Elbow</i>	Eburnation, surface porosity	Capitulum of right humerus

SK 78: Palaeopathological Summary and Differential Diagnoses

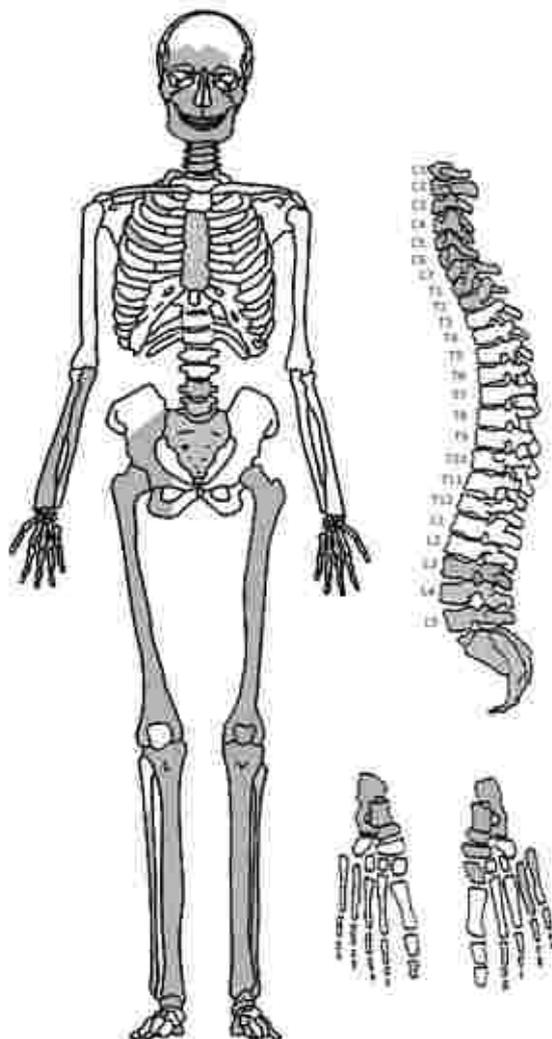
<i>Vertebral</i>	Intervertebral osteochondritis
<i>Joint</i>	DJD and OA

SK 79**Young Adult****Probable Male: 155.72 ± 2.99cm****Burial Position and Details:**

Plan No: 32F

Area No: 20

NW-SE orientation; simple, flexed burial of good completeness and moderate preservation. The right arm was extended with both hands over the pelvic region. Both legs were flexed at the knee joint with the feet together. SK79 was found in association with the find F94: two pieces of quartz

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	1	2	1	1	2	2	2	2	2	1	2	2	2	1	N/P	
Period. Dis.	N/P	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Calculus	N/P	2	2	1	2	1	2	1	2	2	1	1	1	1	2	N/P	
		8	1	1	1	1	1	1	1	1	1	1	1	1	1	8	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		8	1	1	1	1	1	1	2	2	1	1	1	1	1	1	8
Calculus	N/P	2	2	2	2	2	2	N/P	N/P	2	2	2	2	2	2	N/P	
Caries	N/P	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	N/P	
Attrition	N/P	2	2	2	2	2	2	N/P	N/P	2	2	1	1	2	2	N/P	

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

The maxillary and mandibular third molars (Tooth 18, Tooth 28, Tooth 38 and Tooth 48) are missing congenitally.

Trauma

Fractured clavicle

Oblique fracture is present at distal 1/3 diaphysis of the right clavicle resulting in malunion and anterior displacement of the proximal 2/3 diaphysis. The fracture line is barely discernible on the superior aspect of the shaft. Healing in the form of sclerotic callus bone formation is also observable.

Spondylolysis

Spondylolysis is exhibited at the left pars interarticularis of L4. Post-mortem damage of the right neural arch inhibits further assessment to determine if this lesion was bilateral.

SK 79: Palaeopathological Summary and Differential Diagnoses

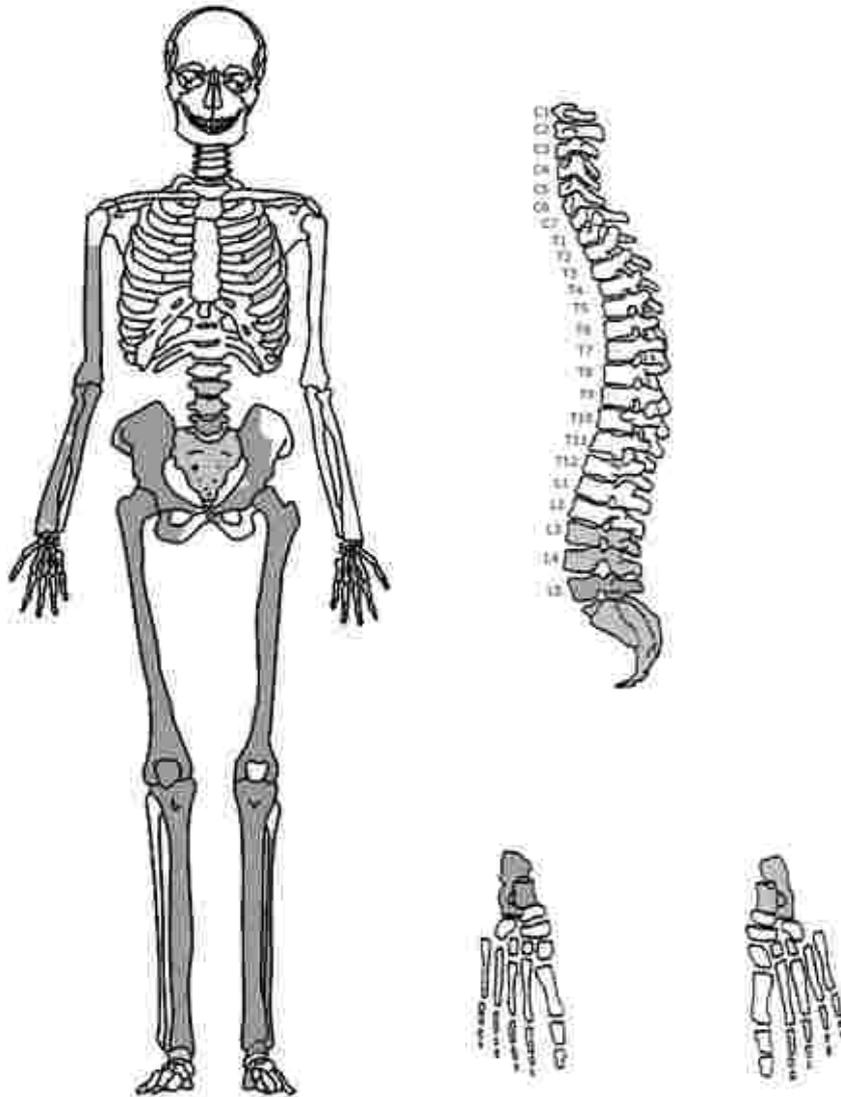
<i>Dental</i>	Calculus, dental attrition, congenitally absent 3 rd molars
<i>Trauma</i>	Oblique fracture, spondylolysis
<i>Congenital</i>	Absent 3 rd molars

SK 80**Young Adult****Male: 158.06 ± 2.99cm****Burial Position and Details:**

Plan No: 24A

Area No: 7/8

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. SK80 was found in association with the remains of SK85, a young child aged 2-5 years.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Reactive Bone Formation

SK 80 also exhibits extensive bilateral reactive bone lesions affecting the long-bones. Reactive bone deposits composed of woven bone are present on the anterior aspect of the distal shaft of the right humerus, the greater trochanter of the left and right femora, the anterior shaft of the left and right tibia and the mid- to distal shaft of the left fibula.

Joint

SK 80 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Elbow</i>	Marginal Osteophytes	Left proximal ulna
<i>Hip</i>	Surface porosity	Right Acetabulum
<i>Foot</i>	Eburnation, surface porosity	Left Calcaneus

Trauma

Fractured intermediate hand phalanx

Sequestrum has originated from the distal articular surface and has attached to the distal shaft of the dorsal surface of the phalange.

SK 80: Palaeopathological Summary and Differential Diagnoses

<i>Infection</i>	Non-specific reactive bone lesions
<i>Joint</i>	OA, DJD
<i>Trauma</i>	Fracture

SK 81

Young Adult

Probable Male: 168.27 ± 3.27cm

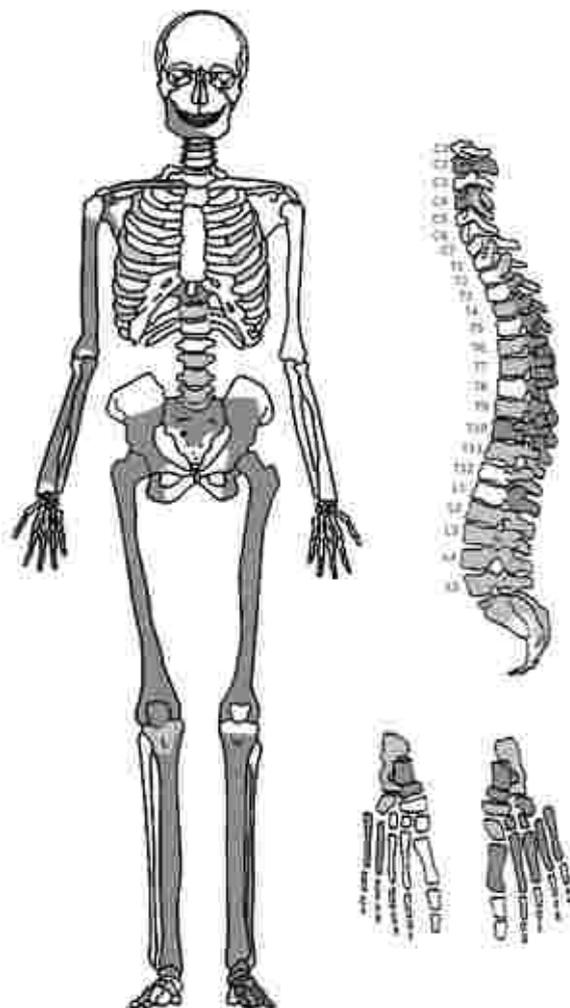
Burial Position and Details:

Plan No: Not specified

Area No: 3

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	8	1	1	1	1	1	N/R	N/R	N/R	N/R	N/P						
Calculus	N/R	1	1	1	1	1	N/R	N/R	N/R	N/R	N/P						
Caries	N/R	1	1	1	1	1	N/R	N/R	N/R	N/R	N/P						
Abscess	N/R	0	0	0	0	0	N/R	N/R	N/R	N/R	N/P						
Cyst	N/R	0	0	0	0	0	N/R	N/R	N/R	N/R	N/P						
E.Hypoplasia	N/R	0	0	0	0	0	N/R	N/R	N/R	N/R	N/P						
Period. Dis.	N/R	0	0	0	0	0	N/R	N/R	N/R	N/R	N/P						
Attrition	N/R	0	1	0	0	1	N/R	N/R	N/R	N/R	N/P						

Dental Disease

Caries

Tooth 43: Small carious lesion present at tooth crown

Tooth 44: Small carious lesion present at tooth crown

Tooth 45: Small carious lesion present at tooth crown

Tooth 46: Small carious lesion present at tooth crown

Tooth 47: Small carious lesion present at tooth crown

Congenital Abnormalities of the Teeth/ Jaws

Tooth 48 is missing congenitally.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

Schmorl's nodes of mild expression are exhibited at the vertebral bodies of T10 and 2 unnumbered thoracic vertebrae.

Trauma

Sharp-force Trauma: Perimortem Cut-marks

Three sharp slicing cuts are observable on the anterior body of an unnumbered cervical vertebra (probably C4). No healing is apparent indicating these cuts were either as a result of perimortem trauma to the neck or post-mortem damage.

SK 81: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, calculus, dental attrition, absent 3 rd molar
<i>Vertebral</i>	Schmorl's nodes
<i>Trauma</i>	Perimortem sharp-force trauma
<i>Congenital</i>	Absent third molar

SK 83

Old Adult

Probable Male: 162.56 ± 3.27 cm

Burial Position and Details:

Plan No: 24A

Area No: 7/8

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Joint

SK83 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Marginal osteophytes, eburnation	Left proximal MC1 Right proximal MC1

SK 83: Palaeopathological Summary and Differential Diagnoses

Joint DJD and Osteoarthritis

SK 84

Old Adult

Male

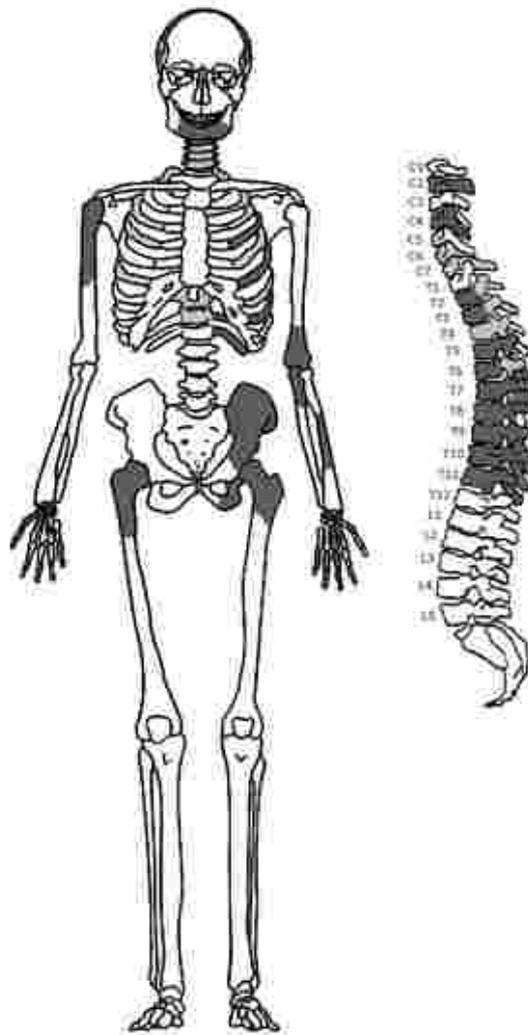
Burial Position and Details:

Plan No: 24A

Area No: 7/8

W-E orientation; simple, 'semi-crouched' burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/R	4	4	4	1	1	2	1	2	1	2	2	2	N/R	N/R	N/R
Calculus	N/R	N/R	N/R	N/R	2	2	N/R	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
Caries	N/R	N/R	N/R	N/R	0	0	N/R	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
Abscess	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
Cyst	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
E.Hypoplasia	N/R	N/R	N/R	N/R	0	0	N/R	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
Period. Dis.	N/R	N/R	N/R	N/R	2	2	2	3	2	2	N/R	N/R	N/R	N/R	N/R	N/R
Attrition	N/R	N/R	N/R	N/R	3	3	N/R	3	N/R	3	N/R	N/R	N/R	N/R	N/R	N/R

Dental Disease

Antemortem Tooth Loss

SK 84 exhibits antemortem tooth loss of one mandibular premolar and two molars. Complete secondary resorption of the alveolar bone has occurred at the affected tooth sites of Tooth 46 and 47 with only partial resorption of the tooth socket of Tooth 45.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	3, 4	0	0				0	0			
C4	3,4	4	0	0				4	0			
C5	4	3,4	N/R	N/R				N/R	N/R			
C6	3,4	0	N/R	N/R				N/R	0			
C7	N/R	0	0	N/R				3, 4	0			
T1	N/R	0	N/R	N/R	N/R	0	N/R	0	0	N/R	N/R	N/R
T2	0	0	N/R	4	N/R	N/R	N/R	0	N/R	0	0	N/R
T4	0	4	N/R	N/R	0	N/R	N/R	0	N/R	0	0	N/R
T5	0	3,4	N/R	0	4	4	N/R	0	0	0	0	N/R
T6	3,4	3,4	0	0	4	4	N/R	0	0	0	0	N/R
T7	3,4	3,4	N/R	N/R	0	4	N/R	N/R	N/R	0	4	N/R
T8	3,4	3,4	0	0	4	0	N/R	0	0	0	0	N/R
T9	3,4	4	0	0	0	0	N/R	0	0	0	N/R	N/R
T10	3	0	0	0	0	0		4	0	0		
T11	0	N/R	0	0	4			0	0	4		

Joint

SK 84 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets
<i>Wrist</i>	Marginal osteophytes, eburnation, surface porosity	Left distal radius, Left and Right scaphoid and trapezium
<i>Hand</i>	Marginal osteophytes, eburnation, surface porosity	Right 1 st proximal phalanx (proximal articular surface), distal hand phalanx, MC1 and MC3
<i>Hip</i>	Surface porosity, marginal osteophytes	Left Acetabulum Right Acetabulum

SK84: Palaeopathological Summary and Differential Diagnoses

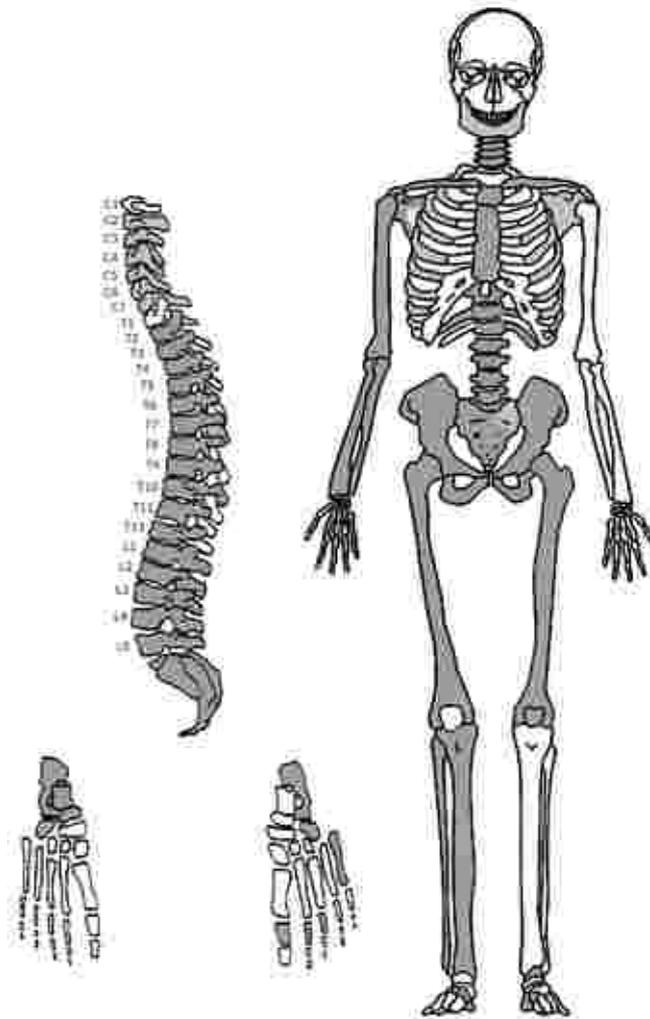
<i>Dental</i>	Ante-mortem tooth loss, calculus, dental attrition, periodontal disease
<i>Joint</i>	Osteoarthritis, DJD
<i>Vertebral</i>	Intervertebral Osteochondrosis

SK 86**Young Adult****Male: 169.76 ± 2.99 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 7

W-E orientation; simple, extended supine burial of good completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	1	1	1	1												
Calculus	N/P	0	1	0	0												
Caries	N/P	0	0	0	0												
Abscess	N/P	0	0	0													
Cyst	N/P	0	0	0													
E.Hypoplasia	N/P	0	0	0	0												
Period. Dis.	N/P	0	0	0													
Attrition	N/P	1	2	2	0												

Post Cranial Pathology

Vertebral

Schmorl's Nodes

A Schmorl's node of mild expression is present at vertebral body of T11.

SK86 Palaeopathological Summary and Differential Diagnoses

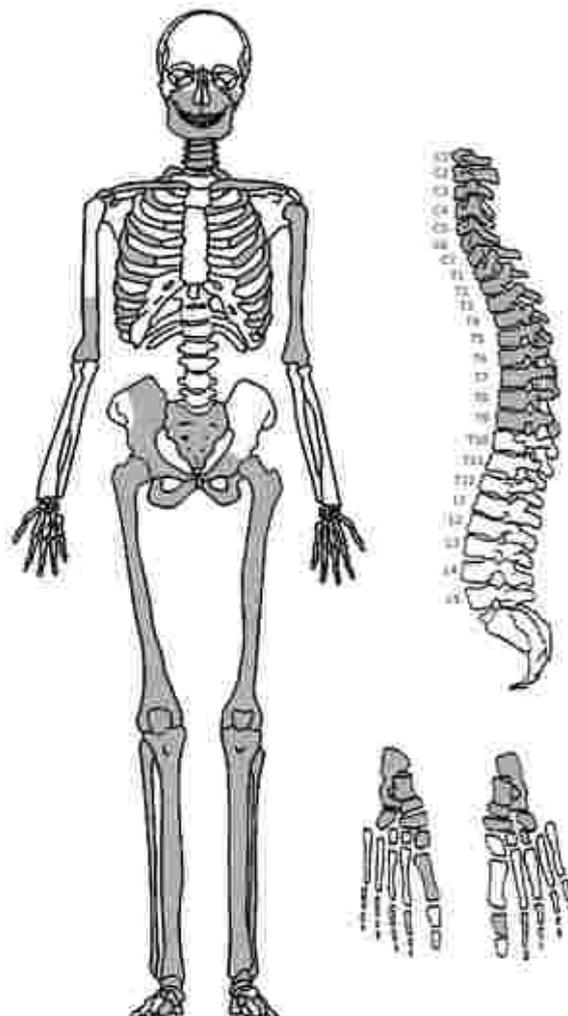
Dental Calculus, dental attrition
Vertebral Schmorl's node

SK 87**Young Adult****Female: 158.98 ± 3.55 cm****Burial Position and Details:**

Plan No: 23A

Area No: 10/15

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was on the left side facing north. The left arm was extended. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1

Post Cranial Pathology

Vertebral

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7 and T8.

Congenital

Cleft Neural Arch Defect

A cleft neural arch defect is present at the level of the third sacral segment (S3).

SK 87 Palaeopathological Summary and Differential Diagnoses

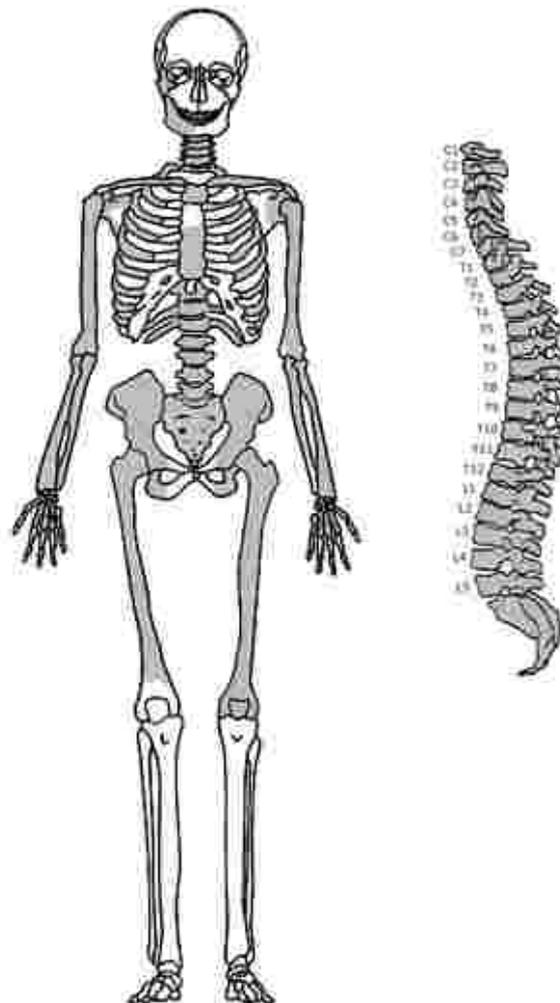
Dental Calculus, dental attrition
Vertebral Schmorl's nodes
Congenital Cleft neural arch defect

SK 88**Young Adult Female: 155.37 ± 3.72 cm****Burial Position and Details:**

Plan No: 24

Area No: 7

W-E orientation; simple, extended supine burial of good completeness and good preservation. Skull was positioned facing south-west. The left arm was flexed at the elbow crossing the pelvis with the right arm extended by the side of the body. The left hand was over the left pelvis with the right hand by the side of the body.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	1	N/P	N/P												
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	N/P	N/P												
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	N/P	N/P												
Calculus	N/P	1	N/P	N/P												
	N/P	1	N/P	N/P												
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	N/P	1	N/P	N/P							
Calculus	1	1	1	1	1	N/P	1	N/P	N/P							
Caries	0	0	0	0	0	N/P	0	N/P	N/P							
Abscess	0	0	0	N/R	N/R	N/P										
Cyst	0	0	0	N/R	N/R	N/P										
E.Hypoplasia	0	0	0	0	0	N/P	0	N/P	N/P							
Period. Dis.	1	1	1	N/R	N/R	N/P										
Attrition	0	0	1	0	1	N/P	0	N/P	N/P							

Post Cranial Pathology

Vertebral

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of L3, L4 and L5.

SK88: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition
Vertebral Schmorl's nodes

SK 89

Young Adult

Sex Not Recordable

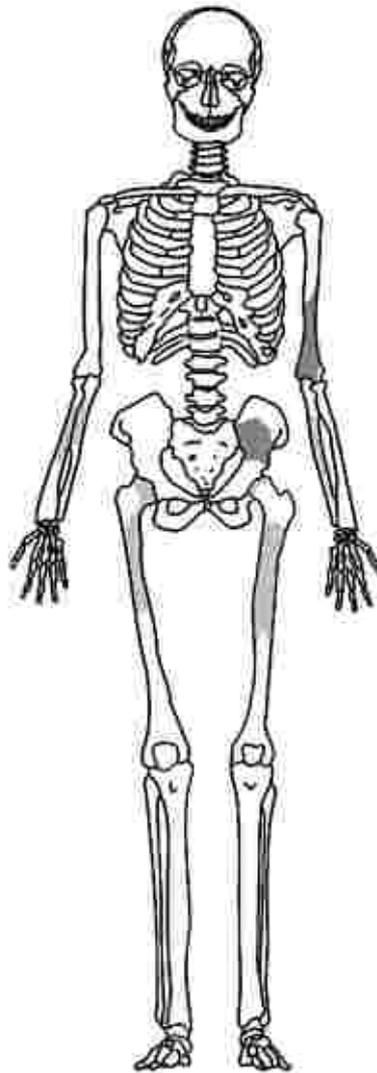
Burial Position and Details:

Plan No: Not specified

Area No: 10

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Taphonomy: Animal gnawing marks were noted on the left ulna

SK 89: Palaeopathological Summary and Differential Diagnoses

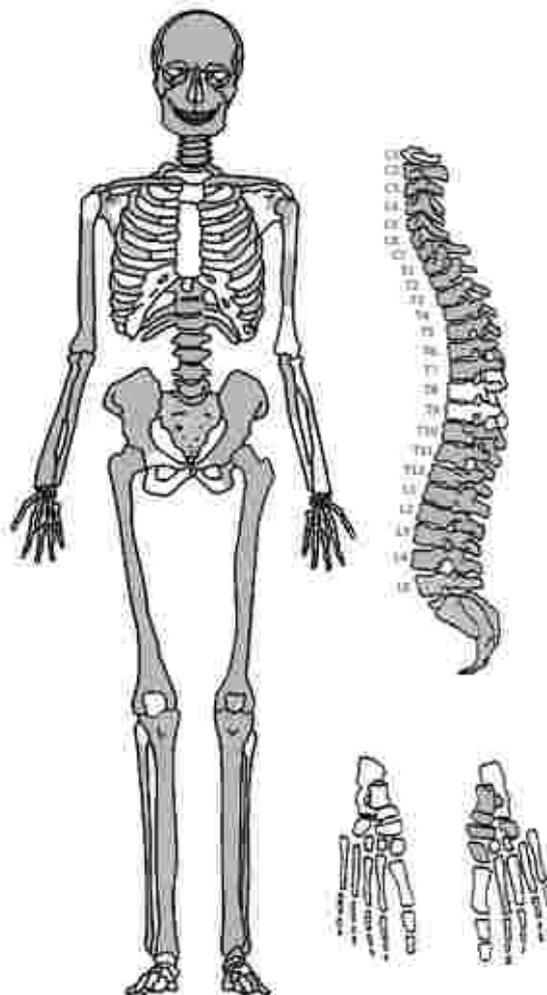
No pathological lesions were observed on the skeletal elements present for analysis.

SK 90**Old Adult****Female: 159.40 ± 3.55 cm****Burial Position and Details:**

Plan No: 30A

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow and crossing the pelvises.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	N/R	N/R	3	3	3	3	N/R	N/R	3	3	3	3	3	3	3	N/R
Period. Dis.	N/R	N/R	2	N/R	N/R	N/R	N/R	N/R	2	2	2	2	2	3	2	N/R
E.Hypoplasia	N/R	N/R	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	N/R	0	N/R
Cyst	N/R	N/R	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Abscess	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/R	N/R	0	0	0	0	N/R	N/R	0	0	0	0	0	1	0	N/R
Calculus	N/R	N/R	0	1	1	1	N/R	N/R	1	1	1	1	1	2	2	N/R
	4	4	1	1	1	1	2	2	1	1	1	1	1	1	1	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	1	1	1	1	1	2	1	1	1	1	1	1	4	4
Calculus	N/R	N/R	3	3	3	3	3	N/R	1	1	1	2	2	3	N/R	N/R
Caries	N/R	N/R	0	0	0	0	0	N/R	0	0	0	0	0	0	N/R	N/R
Abscess	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R
Cyst	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R
E.Hypoplasia	N/R	N/R	0	0	0	0	0	N/R	0	0	0	0	0	0	N/R	N/R
Period. Dis.	N/R	N/R	1	1	1	1	0	N/R	0	1	1	1	1	1	N/R	N/R
Attrition	N/R	N/R	3	3	2	3	3	N/R	3	3	3	2	3	3	N/R	N/R

Dental Disease

Antemortem Tooth Loss

SK90 exhibits extensive antemortem tooth loss. Complete secondary resorption of the alveolar bone has occurred at the affected tooth sites with the exception of Tooth 28 where only partial resorption of the tooth socket has occurred.

Cranial Pathology

Metabolic

Cribrata Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral and antero-intermediate sector of the left orbital roof and the antero-lateral, antero-intermediate and middle-lateral sector of the right orbital roof.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 90 exhibits reactive periosteal lesions of the left ribs and right fibula. A reactive bone deposit in the form of sclerotic bone is present at the lateral mid-shaft of the right fibula. A mixed reaction of both woven and sclerotic bone is present along four upper ribs affecting the visceral surfaces. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Joint

SK90 exhibits pathological lesions indicative of degenerative joint disease and/ or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity and diffuse bone loss	Right Temporal
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Sternoclavicular</i>	Surface porosity and surface osteophytes	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Rib heads
<i>Elbow</i>	Marginal osteophytes	Trochlear notch of left and right ulna
<i>Hand</i>	Marginal osteophytes	4x Right distal phalanx and 3x intermediate hand (proximal surfaces)
<i>Hip</i>	Surface porosity	Left Acetabulum

SK 90: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
Joint DJD, Osteoarthritis
Metabolic CO
Infection Non-specific: reactive bone deposits

SK 91

Adult

Sex Not Recordable

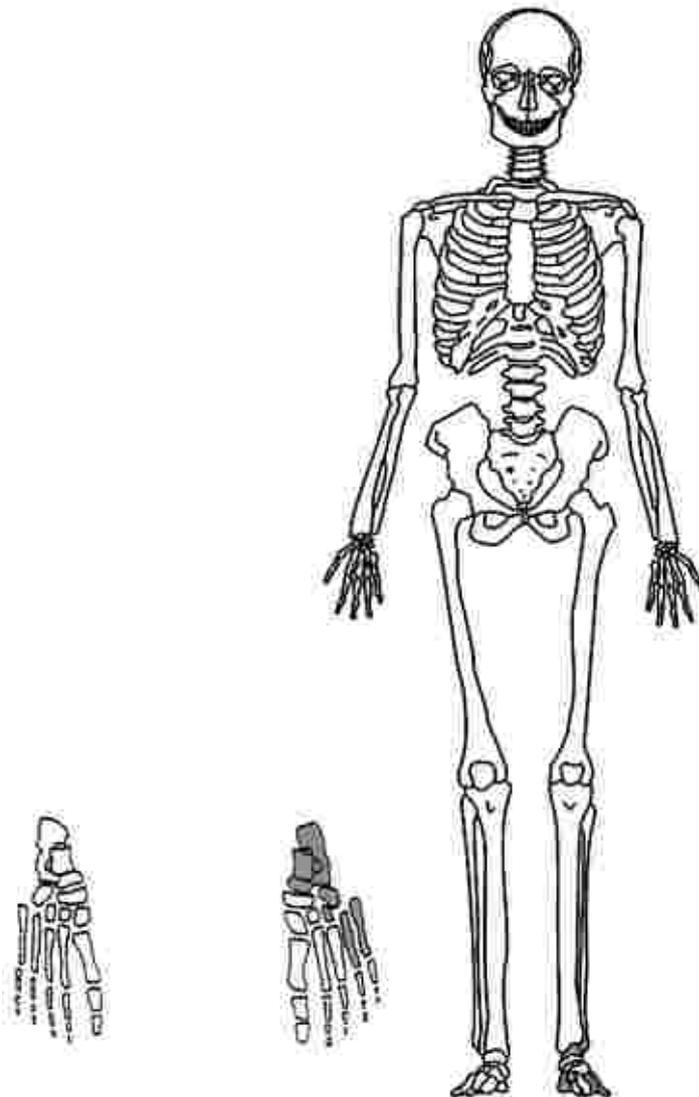
Burial Position and Details:

Plan No: 23

Area No: 15

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 91: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 92

Adult

Sex Not Recordable

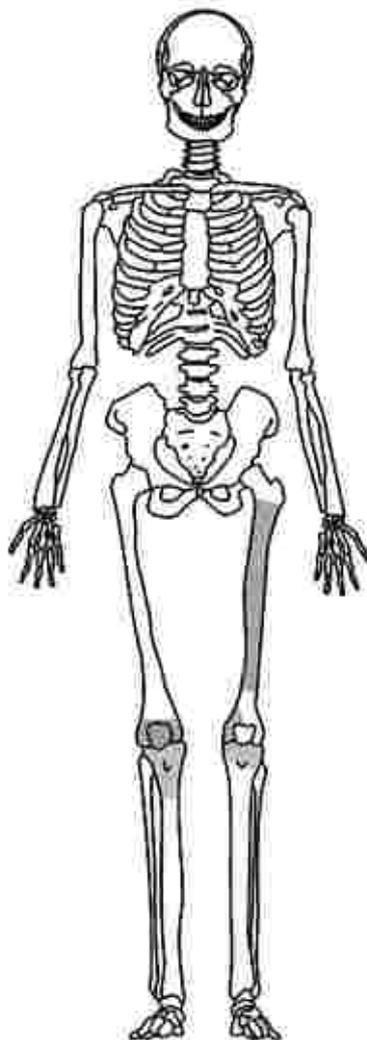
Burial Position and Details:

Plan No: 23

Area No: 15

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 92: Palaeopathological Summary and Differential Diagnoses

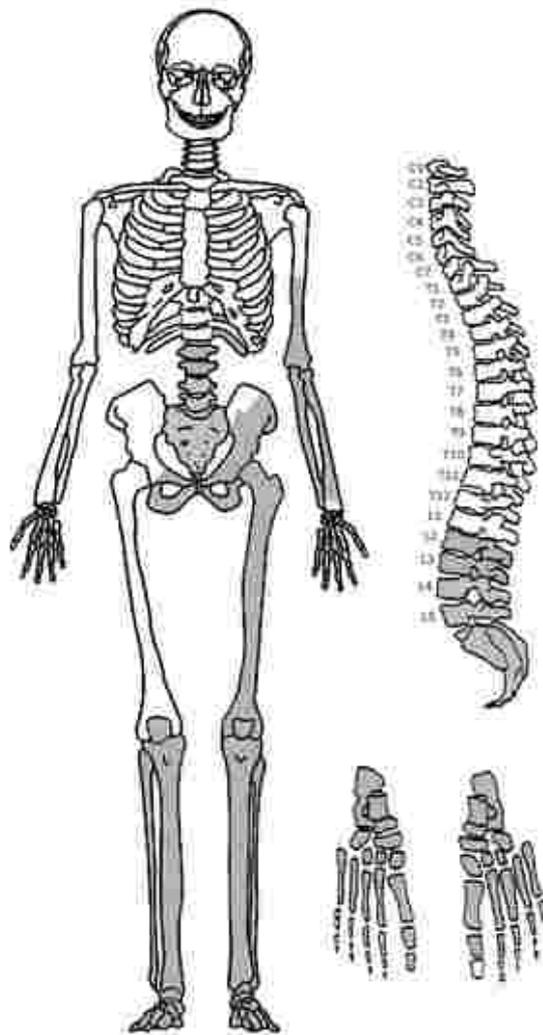
No pathological lesions were observed on the skeletal elements present for analysis.

SK 96**Young Adult****Male: 173.66 ± 2.99 cm****Burial Position and Details:**

Plan No: 31C

Area No: 10/15

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The left arm was extended with the left hand at the side of the body. Both legs were extended with the feet crossed.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

SK 96: Palaeopathological Summary and Differential Diagnoses

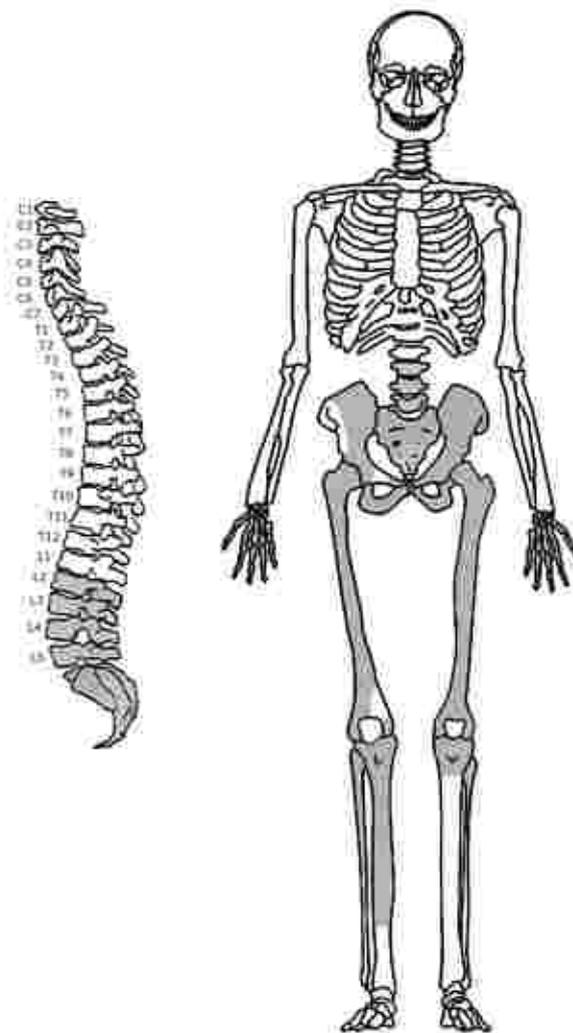
No pathological lesions were observed on the skeletal elements present for analysis.

SK 101**Middle Adult****Male: 171.84 ± 3.27 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 7

W-E orientation; simple, extended supine burial of good completeness and good preservation.
The hands were positioned over the pelvic region with both legs extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
I 1	N/R	N/R	N/R	N/R				N/R	N/R			
L 2	N/R	N/R	N/R	N/R				N/R	N/R			
L 3	N/R	4	N/R	N/R				N/R	N/R			
L 4	5	0	N/R	N/R				N/R	N/R			
L 5	N/R	3 + 4	N/R	N/R				N/R	N/R			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the superior vertebral body of L4

Trauma

Perimortem Fracture

A fracture is observable at the right lunate. The fracture line is still discernible along the scaphoid articular surface. Possible healing in the form of barely discernible woven callus bone formation is located adjacent to the fracture line.

Joint

SK101 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Abnormal bone loss	1x proximal phalanx (distal articular surface)
<i>Hip</i>	Surface porosity and surface osteophytes	Left Acetabulum Right Acetabulum
<i>Knee</i>	Surface porosity	Left Femoral Condyles Right Tibial Condyles

SK 101: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's node
<i>Trauma</i>	Fracture
<i>Joint</i>	DJD

SK 102A

Young Adult

Male: 168.9 ± 3.27 cm

Burial Position and Details:

Plan No: 24A

Area No: 7

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The right arm was extended. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	1	N/P	1	N/P										
Period. Dis.	N/P															
E.Hypoplasia	N/P	N/P	0	N/P	0	N/P										
Cyst	N/P															
Abscess	N/P															
Caries	N/P	N/P	2	N/P	0	N/P										
Calculus	N/P	N/P	2	N/P	1	N/P										
	N/P	N/P	1	N/P	1	N/P										
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	2	N/P							
Calculus	2	2	2	1	1	N/P										
Caries	0	0	0	0	0	N/P										
Abscess	0	0	0	0	0	0	0	0	N/P							
Cyst	0	0	0	0	0	N/P										
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P							
Period. Dis.	0	0	0	0	0	N/P										
Attrition	1	2	2	1	1	N/P										

Dental Disease

Caries

Tooth 16: Medium-sized carious lesion present on the distal aspect of the tooth crown. This lesion has penetrated the pulp cavity.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T9, T10, T11, T12, L1 and L3.

Intervertebral osteochondritis

Erosive lesions indicative of intervertebral osteochondritis are exhibited at the superior vertebral bodies of T9, T10, T11 and T12.

Joint

SK102A exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets 2x Right Costal Facets 2x Right rib heads
<i>Hand</i>	Marginal osteophytes, surface porosity	Right Intermediate Phalanx (proximal articular surface)

*Congenital**Supernumerary Vertebra*

S6 is present

SK 102A: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, Caries, Dental Attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral Osteochondritis
<i>Joint</i>	DJD
<i>Congenital</i>	Supernumerary Vertebra

SK 102B

Adult

Sex Not Recordable

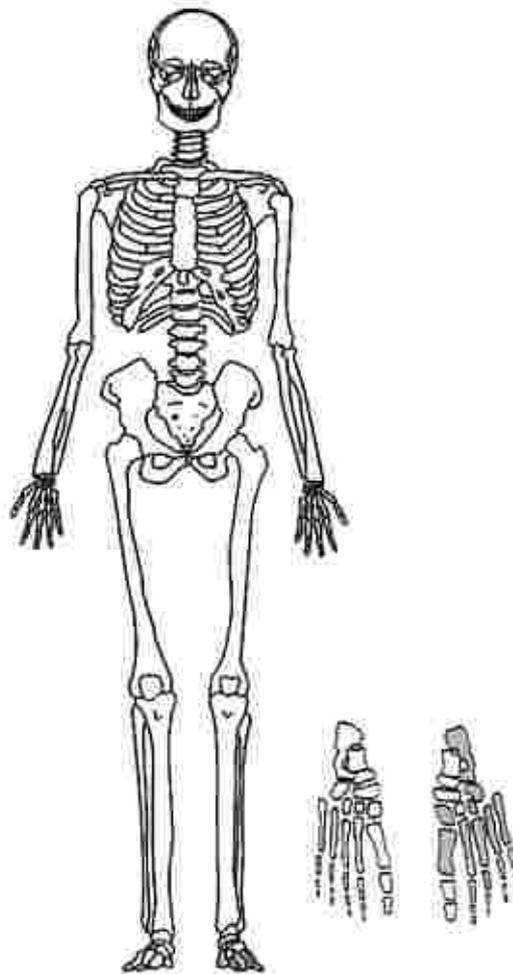
Burial Position and Details:

Plan No: 24A

Area No: 7

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 102B: Palaeopathological Summary and Differential Diagnoses

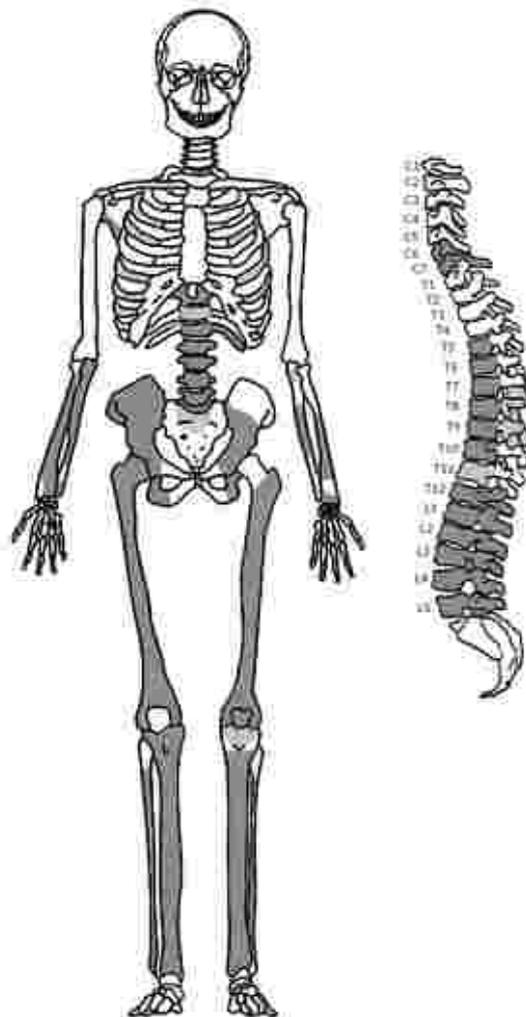
No pathological lesions were observed on the skeletal elements present for analysis

SK 103**Middle Adult****Female: 141.3.83 ± 3.55 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 15

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The hands were positioned over the pelvic and chest regions.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 103: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis

SK 105

Young Adult

Male: 165.21 ± 2.99 cm

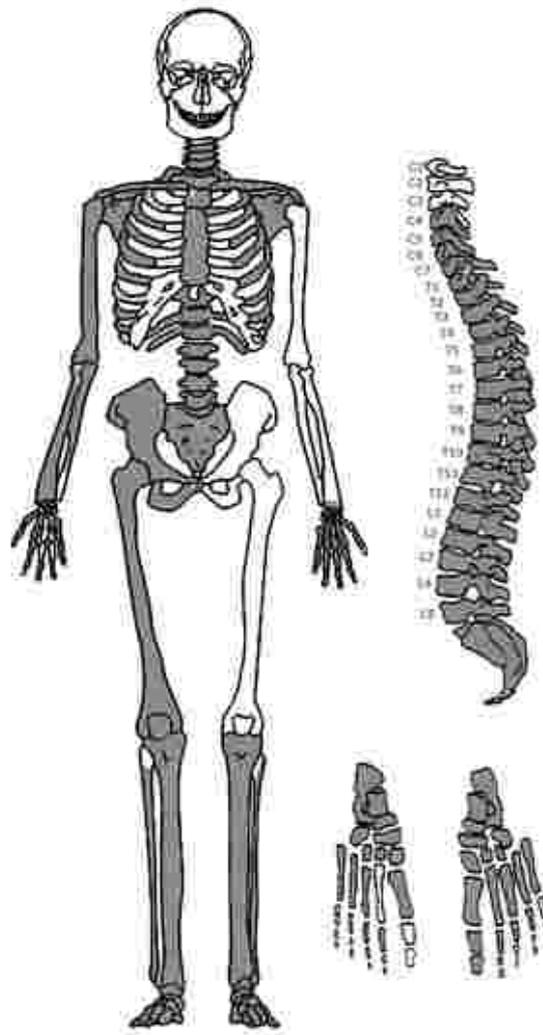
Burial Position and Details:

Plan No: 24B

Area No: 3/7

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left leg was crossed over the right leg.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Taphonomy: Animal gnawing marks were noted on the left MC5 and right fibula.

Post Cranial Pathology

Vertebral

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T8 and T9.

Congenital

Non-fusion

SK103 exhibits segmentation of the body of the sternum so that the body remains in two segments.

SK 105: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
Congenital Non-fusion of sternal body

SK 106

Middle Adult Female: 158.83 ± 3.72 cm

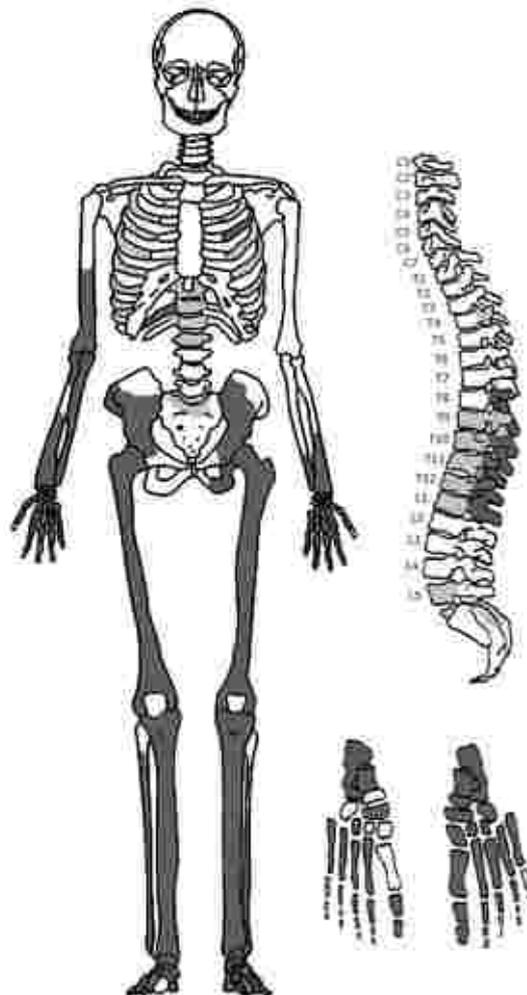
Burial Position and Details:

Plan No: 24B

Area No: 4

W-E orientation; simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Intervertebral Osteochondritis

Erosive lesions indicative of intervertebral osteochondritis are exhibited at the inferior vertebral body of L5.

Joint

SK 106 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes , eburnation	4x Left Costal Facets 5x Right Costal Facets
<i>Elbow</i>	Surface porosity	Right 11 th rib head Right distal humerus Right radial head
<i>Wrist</i>	Marginal osteophytes	Radial notch of right ulna Right trapezium
<i>Hand</i>	Marginal osteophytes, surface porosity, eburnation	Left MC1 Right MC1, MC3. MC4 and MC5 Right 1 st and 3 rd proximal phalanges Right distal hand phalanx (proximal surface)
<i>Hip</i>	Marginal osteophytes, surface porosity	Left Acetabulum Right Acetabulum
<i>Knee</i>	Surface porosity	Left Femoral Condyles Right Femoral Condyles
<i>Ankle</i>	Surface porosity, , marginal osteophytes, eburnation	Left and Right Talus
<i>Foot</i>	Surface porosity	Left and Right Calcaneus Right MT2

SK 106: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral Osteochondritis

Joint Osteoarthritis and DJD

SK 107

Middle Adult

Probable Female

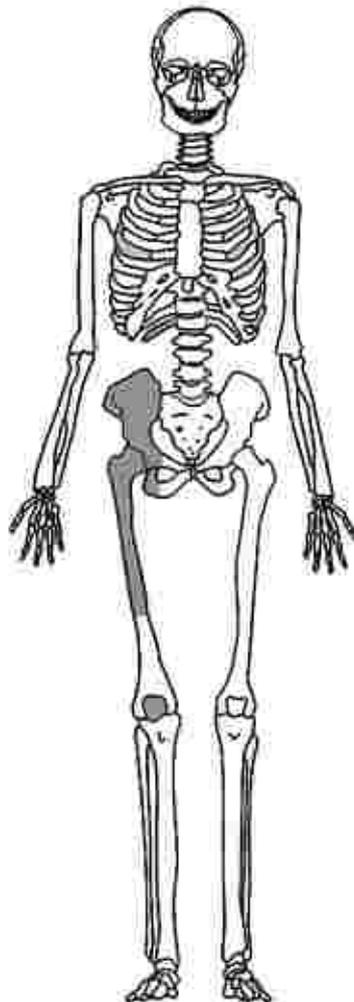
Burial Position and Details:

Plan No: Not specified

Area No: 3/7

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Infection

Reactive Bone Formation

A reactive bone deposit composed of woven bone is present at the visceral surface of an unsided rib fragment.

SK 107: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposit

SK 108

Young Adult

Male: 160.01 ± 2.99 cm

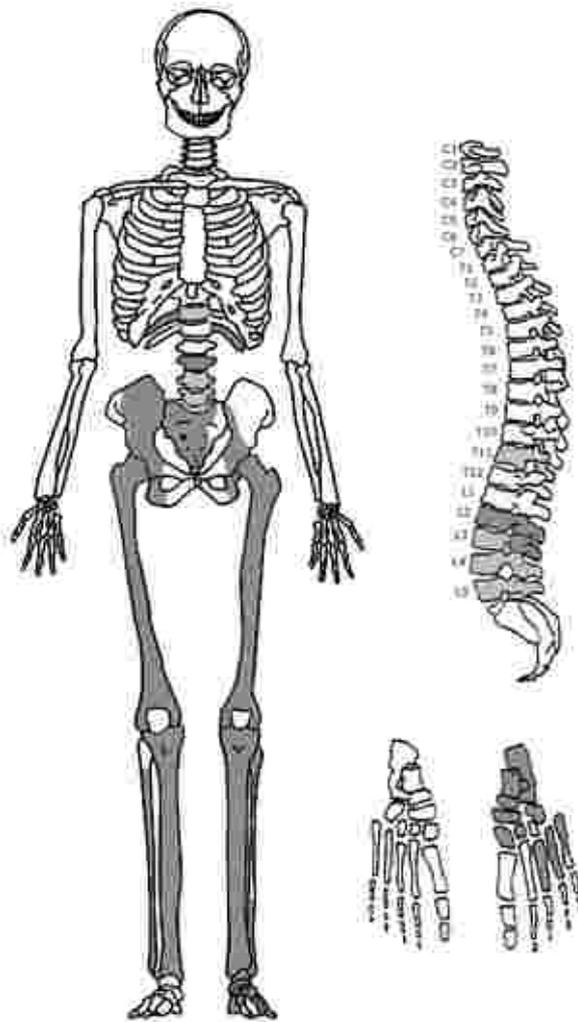
Burial Position and Details:

Plan No: 24B

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

SK 108: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis

SK 109**Middle Adult****Male: 165.18 ± 3.27 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The left arm was extended with the right arm flexed at the elbow crossing the pelvic region. The left hand was by the side of the body with the right hand over the right pelvis. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11 and L2. A

Schmorl's node of marked expression is present at the vertebral body of L1.

SK 109: Palaeopathological Summary and Differential Diagnoses

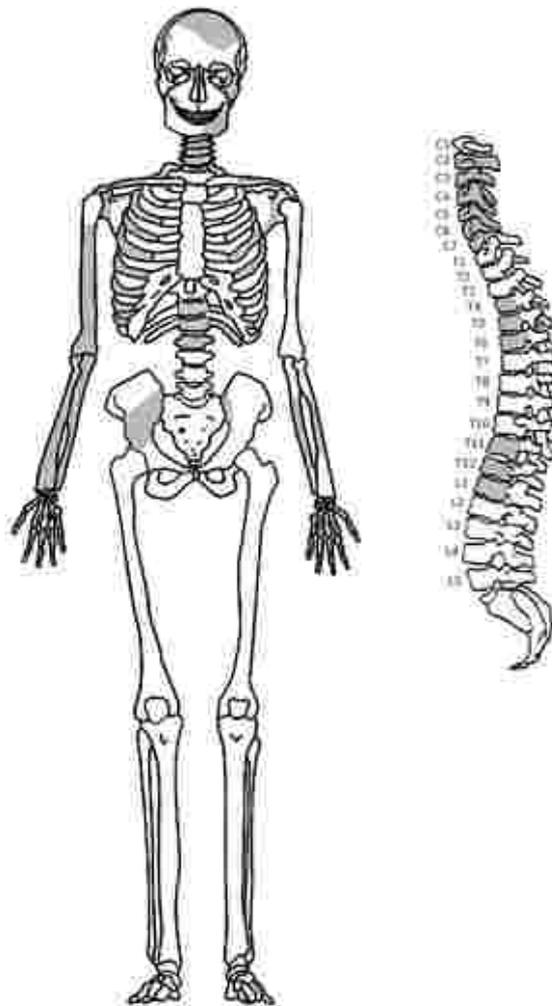
Vertebral Schmorl's nodes

SK 111**Old Adult****Female****Burial Position and Details:**

Plan No: Not specified

Area No: 7

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation. The left arm was flexed at the elbow and crossing the pelvis with the right arm extended and crossing the pelvis. The hands were positioned over the pelvis.

Visual Inventory**Preservation**

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	3	N/P	3	2	1	1	1	N/P	1	1	N/P	N/P	3	3	3
Period. Dis.	N/R	N/R	N/P	N/R	N/R	N/R	N/R	N/R	N/P	N/R	N/R	N/P	N/P	N/R	N/R	N/R
E.Hypoplasia	N/P	0	N/P	0	0	0	0	0	N/P	0	0	N/P	N/P	0	0	0
Cyst	N/R	N/R	N/P	N/R	N/R	N/R	N/R	N/R	N/P	N/R	N/R	N/P	N/P	N/R	N/R	N/R
Abscess	N/R	N/R	N/P	N/R	N/R	N/R	N/R	N/R	N/P	N/R	N/R	N/P	N/P	N/R	N/R	N/R
Caries	N/P	0	N/P	0	0	0	0	0	N/P	0	0	N/P	N/P	0	1	0
Calculus	N/P	1	N/P	1	1	1	1	1	N/P	1	1	N/P	N/P	1	1	1
	2	1	N/P	1	1	1	1	1	N/P	1	1	N/P	N/P	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	N/P	1	N/P	1	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	1	N/P	1
Calculus	1	N/P	0	N/P	1	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	1	N/P	1
Caries	0	N/P	0	N/P	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	0	N/P	1
Abscess	N/R	N/P	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P	0	N/P	0
Cyst	N/R	N/P	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P	0	N/P	0
E.Hypoplasia	0	N/P	N/R	N/P	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	0	N/P	0
Period. Dis.	N/R	N/P	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P	0	N/P	2
Attrition	3	N/P	3	N/P	2	N/P	N/P	N/P	N/P	N/P	2	N/P	N/P	3	N/P	3

Dental Disease

Dental Attrition

Tooth 17: Severe attrition which has eroded the tooth down to the pulp cavity

Tooth 26: Severe attrition which has eroded the tooth down to the pulp cavity

Caries

Tooth 38: Small carious lesion present on the occlusal surface of tooth penetrating the pulp cavity

Tooth 27: Small carious lesion present on the mesial aspect of the neck of the tooth

Congenital Abnormalities of the Teeth/ Jaws

Tooth 28 exhibits an accessory buccal rootlet

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	3, 4	N/R	N/R	N/R				N/R	N/R			
C5	4	3, 4	N/R	N/R				3, 4	3, 4			
C6	3, 4	3, 4	4	4				3, 4	0			
C7	3, 4	0	3, 4	3, 4				0	0			
T1	3, 4	3, 5	3, 4	0	0	N/R	N/R	0	0	3, 4	N/R	N/R
T2	N/R	3, 4	N/R	N/R	N/R	N/R	N/R	0	N/R	0	N/R	N/R
T3	0	4	N/R	N/R	4	N/R	N/R	N/R	N/R	0	N/R	N/R
T4	Two thoracic vertebrae are present, T7: Sup. Body 3, 4; Inf. Body 3, 4, 5. Articular facets, costal facets and transverse facets N/P. T8: Sup. Body 3, 4; Inf. Body 3, 4, 5. Articular facets, costal facets and transverse facets N/P.											
T5												
T6												
T7												
T8												
T9	3, 4	3, 4, 5	N/R	N/R	4	4	N/R	N/R	N/R	0	4	N/R
T10	3, 4	3, 4	N/R	N/R	0			N/R	N/R	0		
T11	3, 4	3, 4, 5	3	N/R	0			N/R	N/R	N/R		
T12	3	3, 4	N/R	N/R	N/R			0	N/R	3, 4		
L1	3, 4	3, 4	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T1, T7, T8, T9, T10 and T11.

Trauma

Compression Fracture

A compression fracture is present at the vertebral body of L1 resulting in a wedge-shaped body anteriorly.

Joint

SK 111 exhibits pathological lesions indicative of degenerative joint disease and osteoarthritis are evident at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity	Left 1 st Rib head Right 1 st Rib head
<i>Elbow</i>	Surface porosity, marginal osteophytes	Right proximal radius Right proximal ulna
<i>Wrist</i>	Surface porosity, marginal osteophytes	Left scaphoid, lunate, capitate, trapezoid and triquetrum Right distal radius, distal ulna, lunate, triquetrum
<i>Hand</i>	Marginal osteophytes, surface porosity	Left 1 st , 2 nd and 3 rd proximal phalanges 2x left intermediate phalanges (distal surfaces) Left 1 st distal phalanx Right MC1, MC5 Right 1 st distal phalanx (proximal articular surface) Right 1 st , 2 nd and 3 rd proximal phalanges 2x Right intermediate phalanges (distal surfaces)

Miscellaneous Pathology

Six unidentified calcified objects were recovered from the pelvic region of SK111.

SK 111: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, periodontal disease, calculus, severe dental attrition
<i>Vertebral</i>	Schmorl's nodes, intervertebral osteochondritis, compression fracture
<i>Trauma</i>	Vertebral Compression Fracture
<i>Joint</i>	DJD, Osteoarthritis
<i>Congenital</i>	Accessory tooth rootlet
<i>Miscellaneous</i>	Calcified biological objects

SK 112

Middle Adult

Female: 144.80 ± 3.55 cm

Burial Position and Details:

Plan No: 25B

Area No: 4

W-E orientation; simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	N/R	4	N/R	0	0	N/R	4	0	0
T2	0	4	0	N/R	0	4	N/R	N/R	N/R	0	0	N/R
T3	0	0	0	N/R	0	0	3	0	N/R	0	0	N/R
T4	3	0	0	0	0	0	3	0	0	0	0	N/R
T5	0	0	0	0	0	0	3	0	0	0	0	0
T6	0	3, 4	0	0	0	0	0	0	0	N/R	N/R	0
T7	3	0	0	0	0	0	0	0	0	0	0	0
T8	0	0	0	0	0	0	3, 4	0	0	0	0	3
T9	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	3, 4
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	3, 4			0	0	3		
T12	0	0	0	0	0			0	0	3, 4		
L1	N/R	N/R	4	0				4	0			
L2	N/R	N/R	N/R	0				0	0			
L3	N/R	4	0	0				0	0			
L4	3	3, 4	0	3				0	3			
L5	4	4	3	0				3	3			

*Infection**Reactive Bone Formation*

A reactive bone deposit composed of woven bone is present at the visceral surface of the left 11th rib.

*Joint**Enthesophyte Formation*

Enthesophyte formation is present at the left sacro-iliac joint.

SK 112 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	5x Left Costal Facets 5x Right Costal Facets
<i>Elbow</i>	Surface porosity, marginal osteophytes, eburnation, surface osteophytes	Left distal humerus
<i>Wrist</i>	Marginal osteophytes	Left proximal radius Left distal radius
<i>Hand</i>	Marginal osteophytes	Left 1 st proximal phalanx (proximal articular surface) Right 1 st proximal phalanx (proximal articular surface)

SK 112: Palaeopathological Summary and Differential Diagnoses

<i>Joint</i>	DJD, Osteoarthritis, Enthesophyte Formation
<i>Infection</i>	Non-specific: reactive bone deposit

SK 113

Young Adult

Male: 160.01 ± 2.99 cm

Burial Position and Details:

Plan No: 25B

Area No: 4

W-E orientation; simple, extended supine burial of good completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C3	0	0	N/R	N/R				N/R	N/R			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	N/R	0	0	0	0	0
T3	0	0	0	N/R	0	0	N/R	0	N/R	0	0	0
T4	0	0	4	3, 4	0	0	N/R	0	0	0	0	3
T5	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	0	0	0
T6	5	5	3	0	0	0	0	0	0	0	0	0
T7	0	5	0	0	0	0	0	3	0	0	0	0
T8	0	5	0	0	0	0	0	0	0	0	0	0
T9	4	5	0	3	0	N/R	N/R	0	0	0	N/R	N/R
T10	3, 5	0	3	3	4			0	0	0		
T11	5	0	0	3, 4	0			0	0	0		
L1	0	0	3	N/R				0	N/R			
L2	0	5	0	0				0	0			
L3	0	0	0	0				0	3			
L4	0	0	0	0				3	0			
L5	5	0	0	0				0	0			
L6	0	0	0	0				3	0			

Schmorl's Nodes

Schmorl's nodes of mild expression present at vertebral bodies of T6, T7, T11 and L2.

Schmorl's nodes of moderate expression present at the vertebral bodies of T8, T9, T10 and L5.

Joint

Enthesophyte Formation

Vertical enthesophyte formation is present at the linea aspera of the posterior left femur.

SK 113 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Wrist</i>	Surface porosity	Right distal ulna
<i>Knee</i>	Marginal osteophytes, surface osteophytes	Left Femoral Condyles Left Tibial lateral epicondyle

*Congenital**Caudal Border Shift*

T12 has adopted the characteristics of L1 indicative of caudal shifting at the thoracolumbar border.

SK 113: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	DJD, Enthesophyte Formation
<i>Congenital</i>	Caudal border shift

SK 116

Adult

Sex Not Recordable

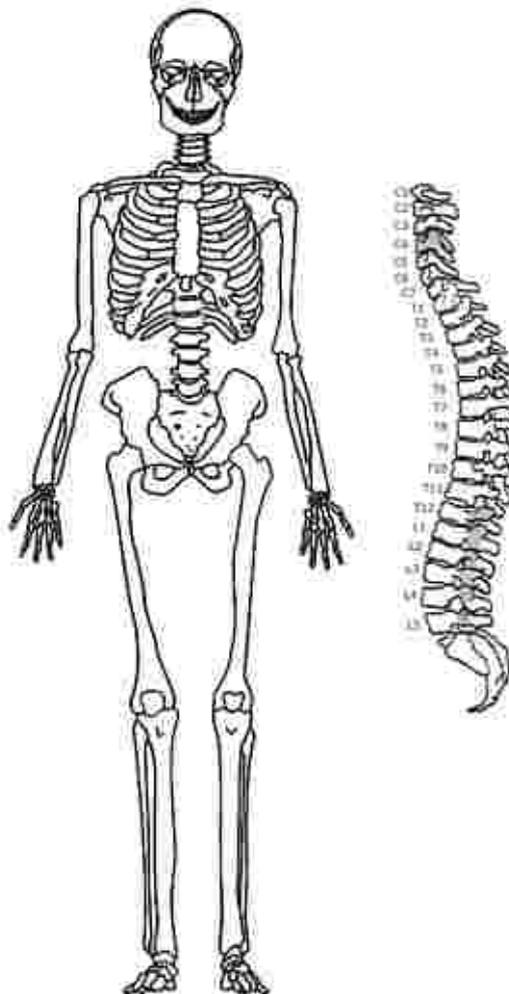
Burial Position and Details:

Plan No: 31B

Area No: 10

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 116: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis

SK 117

Middle Adult Female: 161.48 ± 3.55 cm

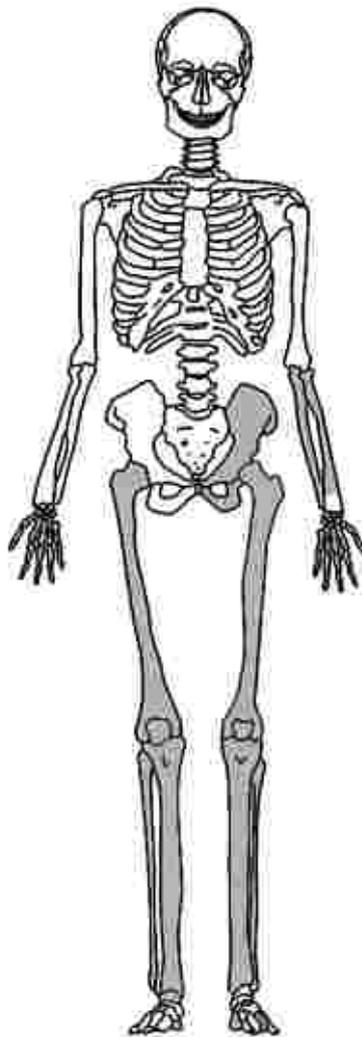
Burial Position and Details:

Plan No: 24B

Area No: 3/7

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both the arms and legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 117: Palaeopathological Summary and Differential Diagnoses

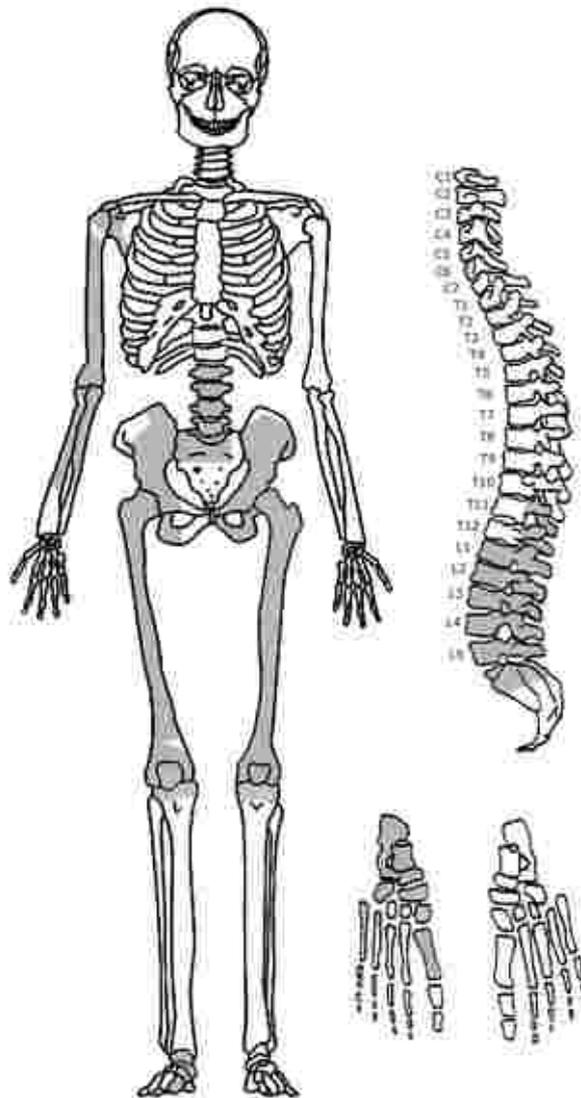
No pathological lesions were observed on the skeletal elements present for analysis

SK 118**Young Adult****Male: 168.51 ± 3.27 cm****Burial Position and Details:**

Plan No: 23A

Area No: 15

NW-SE orientation; simple, extended supine burial of moderate completeness and moderate preservation. The right arm was extended by the side of the body with the left hand over the pelvis. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Schmorl's Nodes

Schmorl's nodes of mild expression present at superior and inferior vertebral body of L1.

SK 118: Palaeopathological Summary and Differential Diagnoses

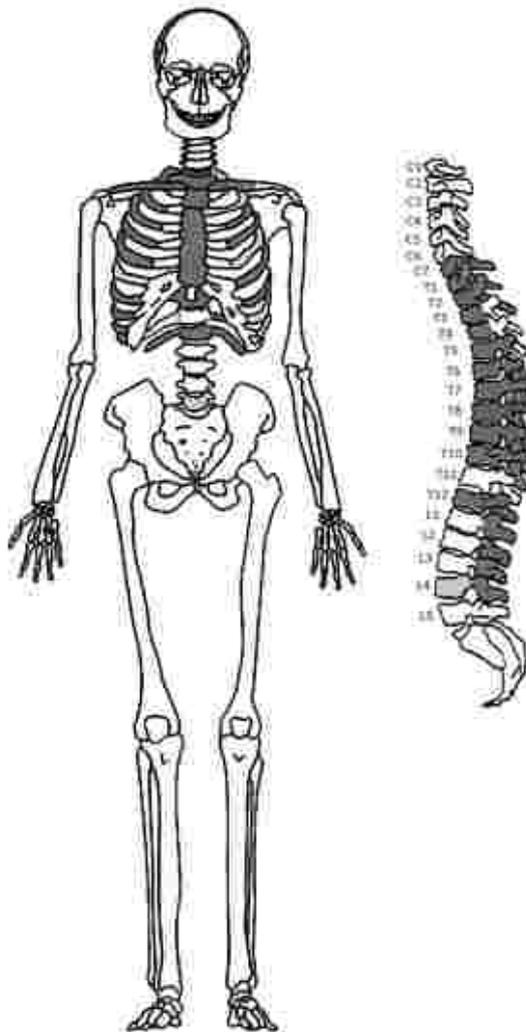
Vertebral Schmorl's nodes

SK 123**Young Adult****Probable Male****Burial Position and Details:**

Plan No: 24A

Area No: 7

W-E orientation; simple, extended supine burial of poor completeness and good preservation. SK123 was found in association with the remains of a juvenile skeleton (SK number not specified).

Visual Inventory**Preservation**

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Cranial Pathology

Congenital

Abnormal Bone Loss

A unifocal lesion of bone loss is present on the endocranial surface of the right occipital. The lesion is <1cm in diameter with clearly defined boundaries and no sclerosis. The aetiology of this lesion is ambiguous however it looks like it may be a congenital defect.

Metabolic

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern indicates this lesion was healed at the time of death.

SK 123: Palaeopathological Summary and Differential Diagnoses

Metabolic Non-specific Stress Indicator at cranial vault: Possible Porotic Hyperostosis
Congenital Abnormal bone loss

SK 125

Adult

Sex Not Recordable

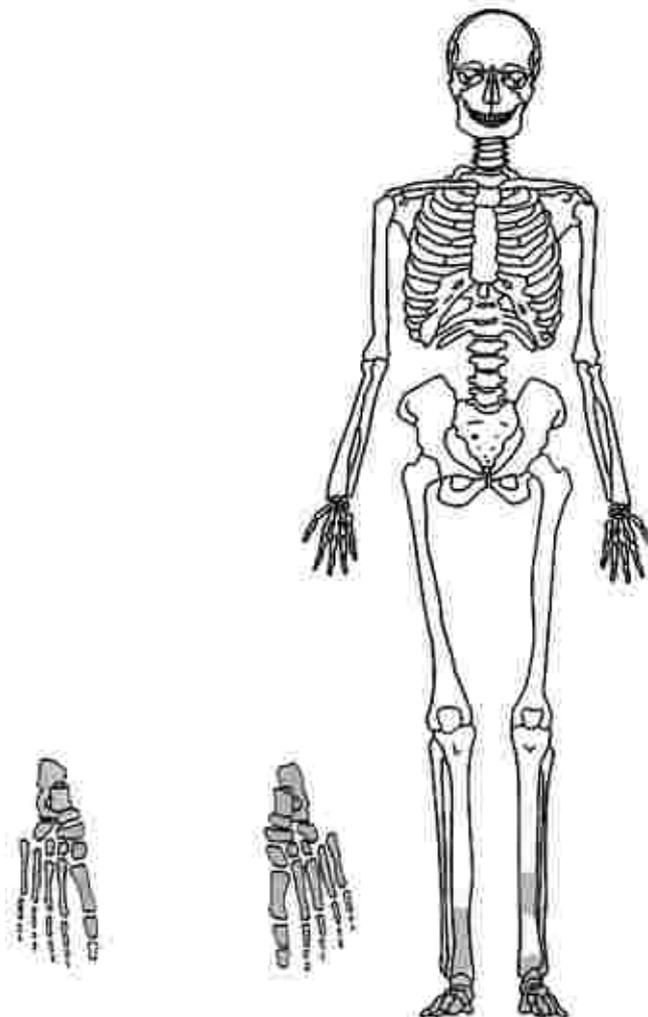
Burial Position and Details:

Plan No: 31B

Area No: Not specified

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The right foot was crossing the left foot.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK125 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Foot</i>	Marginal osteophytes, eburnation surface porosity	Left MT1 (head) Right MT1 (head)

Congenital

Symphalangism

Congenital fusion of two unnumbered foot phalanges is observable.

SK 125: Palaeopathological Summary and Differential Diagnoses

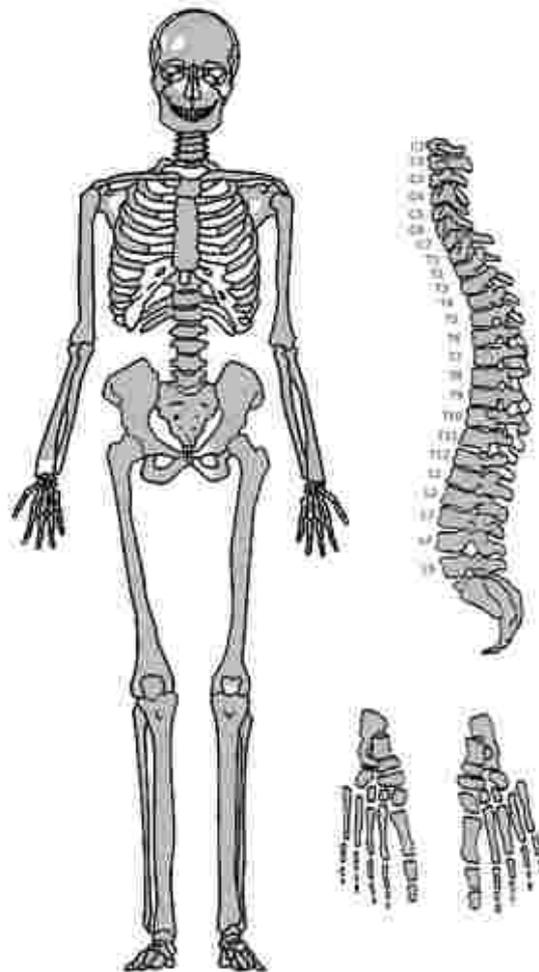
Joint Osteoarthritis, DJD
Congenital Symphalangism

SK 126**Young Adult****Male: 152.86 ± 2.99 cm****Burial Position and Details:**

Plan No: 31C

Area No: 10

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was facing north. Both the arms and legs were extended with hands by either side of the body and the feet crossed. SK126 was found in association with F22: a sherd of glass and F31: a piece of pottery.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	0	1	0	0	1	3	N/P	1	1	0	0	0	1	0	0
Period. Dis.	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0
Caries	1	1	0	0	0	0	0	N/P	N/R	0	0	0	0	0	1	0
Calculus	1	1	1	0	1	1	1	N/P	0	0	0	0	0	1	1	0
	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	1	0	1	1	1	1	1	1	1	0	0	1	1	0

Dental Disease

Trauma

Tooth 12 has been broken antemortem; the pulp cavity has been exposed with deposition of secondary dentin and some calculus overlay

Caries

Tooth 17: Small carious lesion present on occlusal surface of tooth

Tooth 18: Small carious lesion present on occlusal surface of tooth

Tooth 27: Small carious lesion present on occlusal surface of tooth

Congenital Abnormalities of the Teeth/ Jaws

There is a diastema present between tooth 23 and tooth 24 measuring 4.43mm from neck of each tooth.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	4	0				4	0			
C4	0	0	4	0				4	0			
C5	0	0	4	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	N/R
T3	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	0	N/R	N/R
T4	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R
T5	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R
T6	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	4	4	0			4	4	0		
L1	5	5	4	0				0	0			
L2	5	5	4	0				0	0			
L3	5	0	0	0				0	0			
L4	5	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the inferior and superior vertebral bodies of L1, L2, L3 and L4.

SK 126: Palaeopathological Summary and Differential Diagnoses

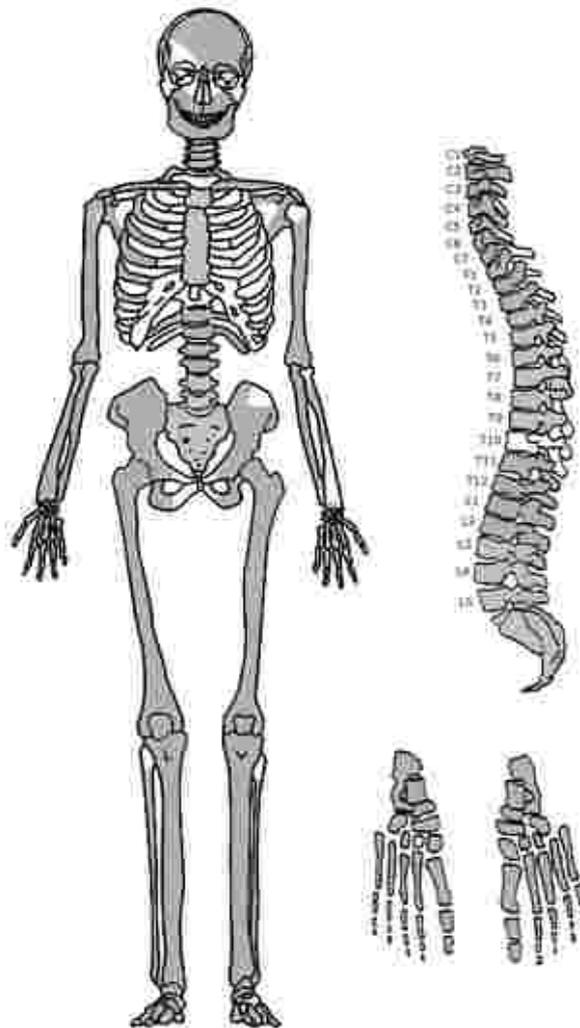
Dental	Calculus, caries, dental attrition
Vertebral	Schmorl's nodes
Trauma	Antemortem tooth damage
Congenital	Tooth diastema

SK 127**Young Adult****Male: 171.19 ± 2.99 cm****Burial Position and Details:**

Plan No: 23C

Area No: 15

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was facing east. Both the arms and legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	2
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	2	1	1	1	1	1	1	1	0	1	0	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1
Calculus	1	N/P	1	1	1	1	1	2	N/P	N/P	N/P	2	1	1	1	1
Caries	0	N/P	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	N/P	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Attrition	1	N/P	1	1	1	1	1	1	N/P	N/P	N/P	0	0	1	1	1

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				4	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	N/R	N/R				N/R	N/R			
C6	0	4	N/R	N/R				N/R	N/R			
C7	0	0	N/R	N/R				N/R	N/R			
T1	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T2	0	0	0	4	0	0	N/R	0	0	0	0	N/R
T3	0	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T4	N/R	0	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T5	3	3	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T6	5	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	5	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T8	3, 4, 5	5	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	3, 4	5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	3, 4	5	0	0	0			0	0	0		
T12	3, 4, 5	3, 5	3	0	0			0	0	0		
L1	5	0	0	0				0	0			
L2	0	5	0	0				0	0			
L3	0	0	0	0				N/R	N/R			
L4	0	0	0	0				N/R	N/R			
L5	0	3	0	0				0	0			
L6	3	9	0	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T6, T7, T8, and T9. Schmorl's nodes of mild expression are present at the vertebral bodies of T10, T11, T12, L1 and L2.

Joint

SK127 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, eburnation	Left Acromial process Left and Right Clavicle

*Congenital**Symphalangism*

Congenital fusion of an unsided intermediate and distal foot phalanx is observable.

Supernumerary Vertebra

L6 is present.

SK 127: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, enamel hypoplasia, periodontal disease, dental attrition
<i>Vertebral</i>	Schmorl's nodes, intervertebral osteochondritis
<i>Joint</i>	Osteoarthritis
<i>Congenital</i>	Supernumerary vertebra, Symphalangism

SK 132

Young Adult

Male

Burial Position and Details:

Plan No: Not specified

Area No: 7

W-E orientation; simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11, T12, L1 and L2.

SK 132: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 133

Adult

Sex Not Recordable

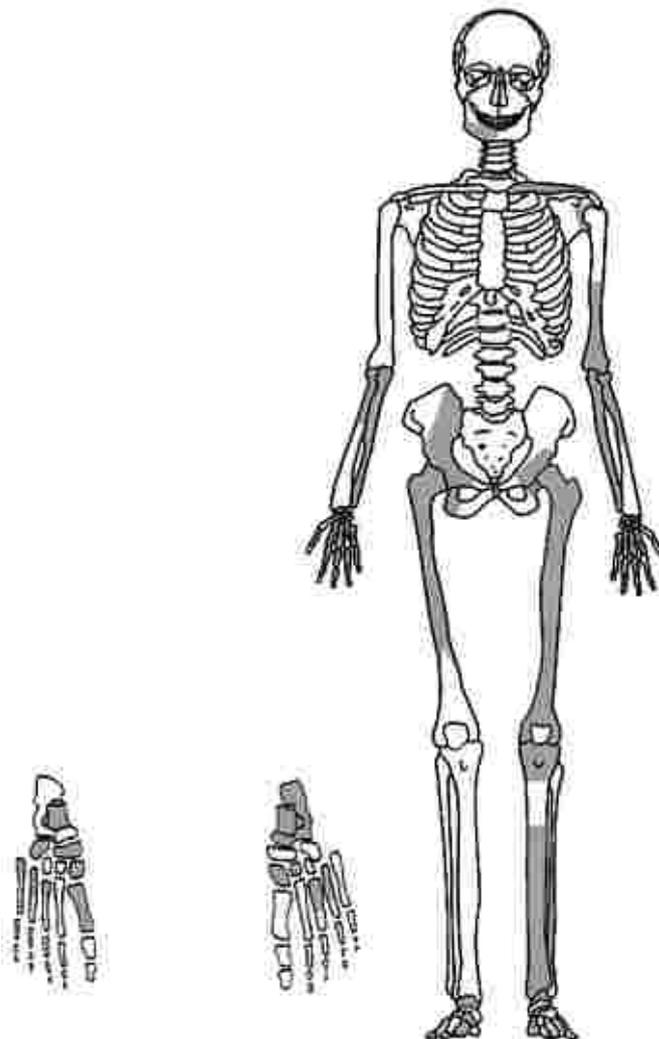
Burial Position and Details:

Plan No: 31D

Area No: 10

Orientation not specified: simple, flexed burial on right side of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	N/P	N/P	2	2	1	N/P	N/P	1	1	N/P
Calculus	0	0	0	0	2	2	N/P	N/P	N/R	N/R	1	N/P	N/P	0	0	N/P
Caries	3	2	2	0	2	0	N/P	N/P	N/R	N/R	0	N/P	N/P	1	2	N/P
Abscess	0	0	0	0	0	0	N/P	N/P	N/R	N/R	0	N/P	N/P	0	0	N/P
Cyst	0	0	0	0	0	0	N/P	N/P	N/R	N/R	0	N/P	N/P	0	0	N/P
E.Hypoplasia	0	0	0	0	0	0	N/P	N/P	N/R	N/R	0	N/P	N/P	0	0	N/P
Period. Dis.	N/R	N/R	N/R	N/R	N/R	N/R	N/P	N/P	N/R	N/R	N/R	N/P	N/P	0	0	N/P
Attrition	N/R	0	1	0	0	1	N/P	N/P	N/R	N/R	1	N/P	N/P	2	1	N/P

Dental Disease

Caries

Tooth 36: Small carious lesion present at tooth crown

Tooth 37: Medium sized carious lesion present at tooth crown

Tooth 44: Medium sized carious lesion present at tooth crown

Tooth 46: Medium sized carious lesion present at tooth crown

Tooth 47: Medium sized carious lesion present at tooth crown

Tooth 48: Large carious lesion present at tooth crown

Infection

Reactive Bone Formation

SK 133 exhibits extensive bilateral periosteal reactive lesions of the appendicular skeletal elements. Reactive bone deposits in the form of woven bone are present at the medial distal shaft of the left radius, the anterior distal shaft of the right radius the dorsal surface of left MC4 and the posterior shaft of the left tibia. Sclerotic bone is present at the left MC3 and the medial aspect of the left calcaneus. A mixed reaction of both woven and sclerotic bone is present on the palmar aspect of right MC2, MC3 and MC4, the lateral-palmar aspect of the left MC3, along the shaft of the left and right femora and left fibula. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 133: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition
Infection Non-specific: extensive reactive bone deposits

SK 137

Young Adult

Probable Female

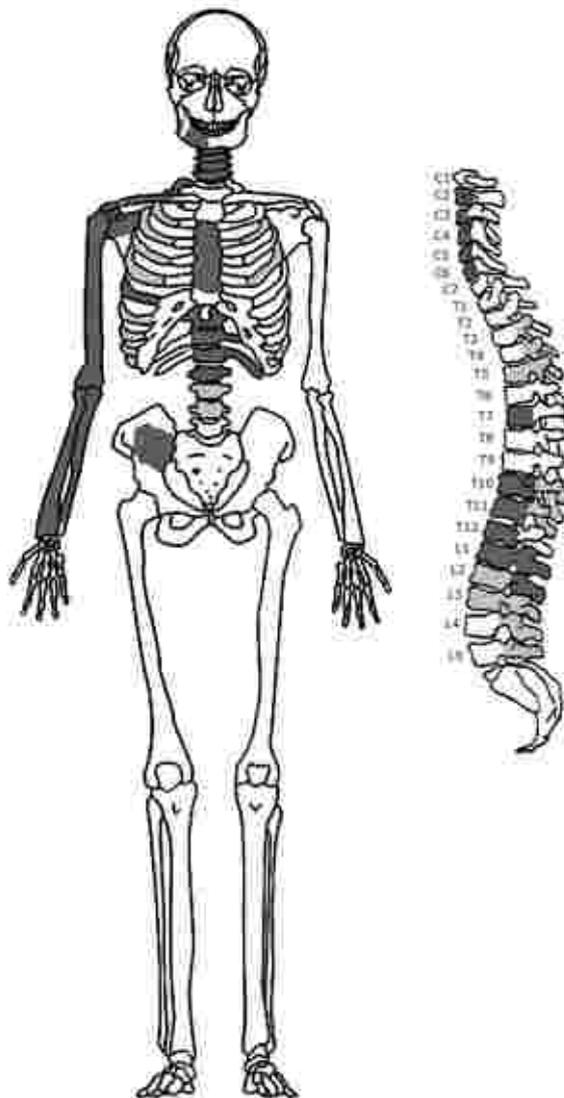
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	1	1	2	N/P	N/P												
Period. Dis.	N/P	N/P															
E.Hypoplasia	0	0	0	N/P	N/P												
Cyst	N/P	N/P															
Abscess	N/P	N/P															
Caries	0	0	0	N/P	N/P												
Calculus	2	0	1	N/P	N/P												
	1	1	1	N/P	N/P												
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	1	1	1	1	N/P	1	1	N/P	N/P	1	N/P	N/P	1	
Calculus	1	2	2	3	1	1	2	N/P	3	3	N/P	N/P	2	N/P	N/P	1	
Caries	0	0	0	0	0	0	0	N/P	0	0	N/P	N/P	0	N/P	N/P	0	
Abscess	N/R	N/P															
Cyst	N/R	N/P															
E.Hypoplasia	0	0	0	0	0	0	0	N/P	0	0	N/P	N/P	0	N/P	N/P	0	
Period. Dis.	N/R	N/P															
Attrition	1	1	2	1	1	1	1	N/P	2	1	N/P	N/P	1	N/P	N/P	0	

SK 137: Palaeopathological Summary and Differential Diagnoses

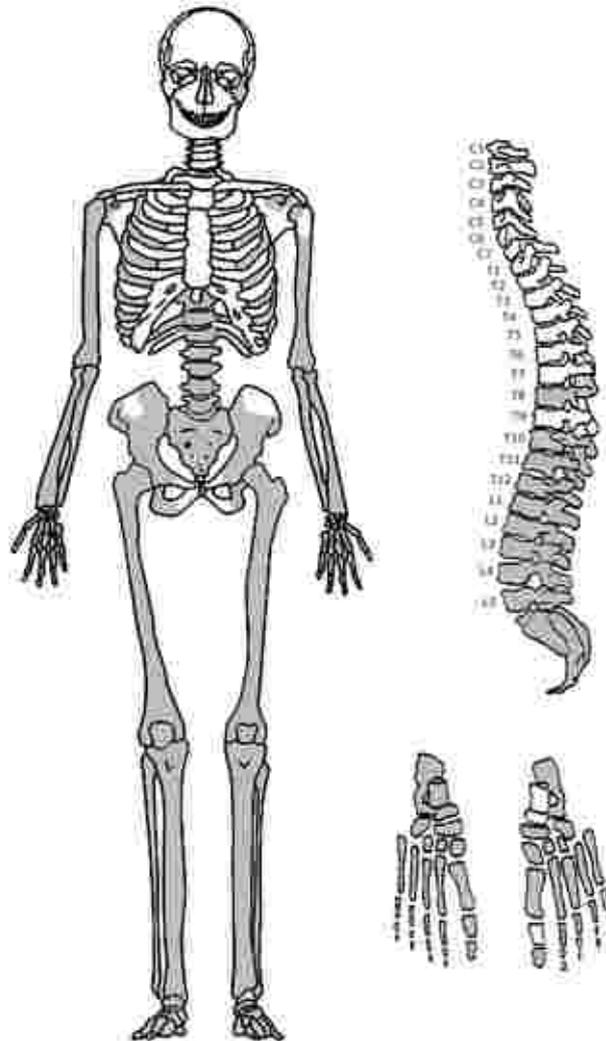
Dental Calculus, dental attrition

SK 139A**Middle Adult****Male: 167.03 ± 2.99 cm****Burial Position and Details:**

Plan No: 22

Area No: 8

Orientation not specified: simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended;

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	0	0	N/P	N/P	N/P	N/P									
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	0	N/P	N/P	N/P	N/P									
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	0	N/P	N/P	N/P	N/P									
Calculus	N/P	0	1	N/P	N/P	N/P	N/P									
	N/P	1	1	N/P	N/P	N/P	N/P									
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Post Cranial Pathology

Infection

Specific Infection: Possible TB

SK 139A exhibits pathological lesions possibly indicative of the specific infection tuberculosis at the vertebral body of L5. Lytic lesions are present at the superior surface of the body of L5. The bone loss extends to the underlying trabecular bone. Partial healing in the form of sclerotic bone is evident on the anterior aspect of the vertebral body.

Trauma/ Infection

Fracture

Probable fracture of unknown type present at one proximal foot phalanx. The fracture line is no longer discernible due to healing. Healing in the form of sclerotic callus bone formation is observable.

A second fracture is observable at a left rib fragment. Healing in the form of woven callus bone formation is present on both the visceral and pleural surfaces of the affected rib.

Congenital

Symphalangism

Congenital fusion of two unnumbered foot phalanges (proximal and intermediate) is observable.

Supernumerary Vertebra

L6 is present.

SK 139A: Palaeopathological Summary and Differential Diagnoses

<i>Infection</i>	Possible TB
<i>Trauma</i>	Fractures
<i>Congenital</i>	Symphalangism, Supernumerary vertebra

SK 139B

Adult

Sex Not Recordable

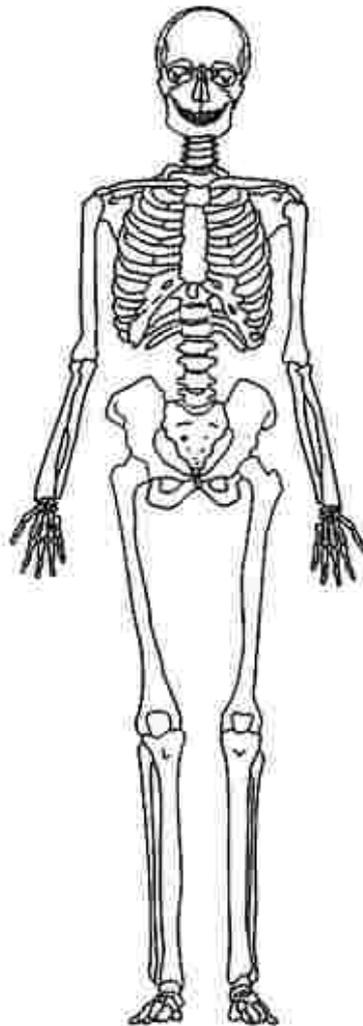
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 139B: Palaeopathological Summary and Differential Diagnoses

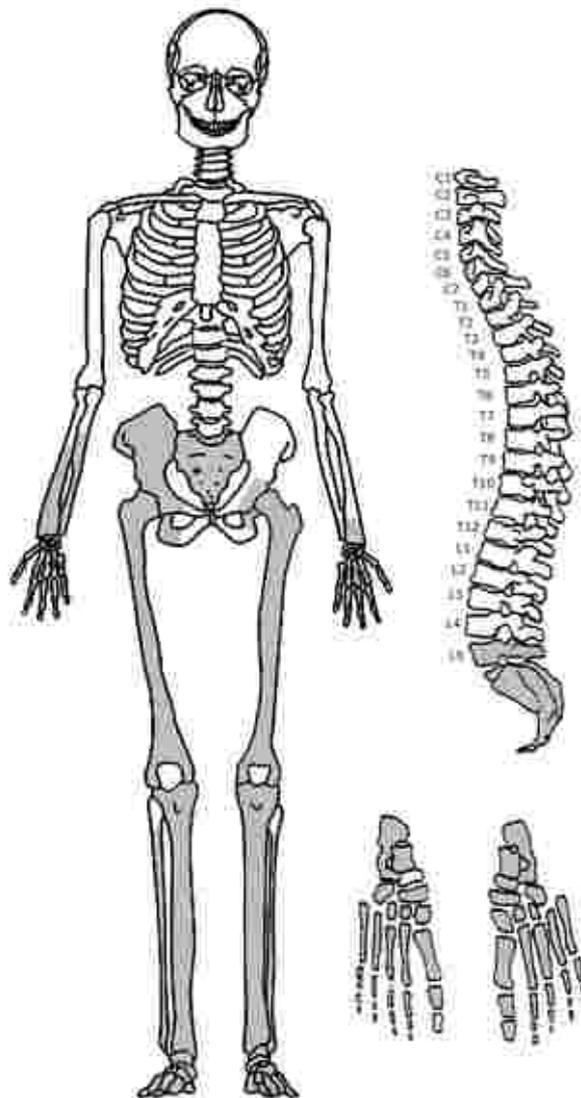
No pathological lesions were observed on the skeletal elements present for analysis.

SK 141**Middle Adult****Female: 158.28 ± 3.55 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 2

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation. Both arms and legs extended with the hands positioned over the right and left pelvises. The feet were positioned together.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Infection

Reactive Bone Formation

SK 141 exhibits bilateral periosteal reactive lesions of the tibiae and fibulae and at the right ulna. A reactive bone deposit in the form of sclerotic bone is present at the anterior aspect of the right ulna. A mixed reaction of both woven and sclerotic bone is present at the medial aspect of both tibial shafts and the lateral aspect of both fibular shafts. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Joint

SK 141 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Wrist</i>	Surface porosity	Right distal ulna
<i>Hand</i>	Marginal osteophytes	Left MC1 (distal surface) 2x Left Proximal phalanges, 2x intermediated phalanges and 3x distal phalanges 2x Right intermediate phalanges, 3x distal phalanges
<i>Hip</i>	Surface porosity	Left Femoral Head
<i>Foot</i>	Marginal osteophytes	Left 1 st proximal phalanx Right 1 st proximal phalanx

SK 141: Palaeopathological Summary and Differential Diagnoses

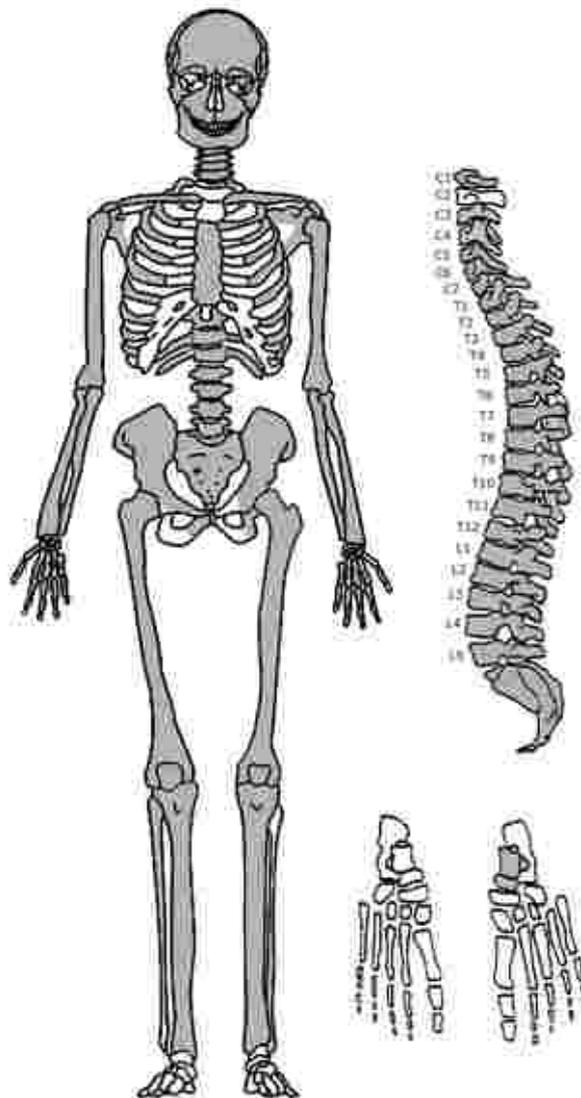
Joint DJD
Infection Non-specific: reactive bone deposits

SK 142**Young Adult****Male: 168.07 ± 2.99 cm****Burial Position and Details:**

Plan No: 25C

Area No: 4

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing east. Both the arms and legs were extended with hands by either side of the body.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Calculus	2	2	2	2	2	2	N/P	1	2	2	2	1	1	1	1	1
Caries	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	1	1	1	1	N/P	1	1	1	1	1	1	1	1	1

Dental Disease

Enamel Hypoplasia

Tooth 11: 1 hypoplastic groove; 4.52mm from the cemento-enamel junction

Tooth 12: 1 hypoplastic groove; 7.12mm from the cemento-enamel junction

Tooth 13: 1 hypoplastic groove; 5.46mm from the cemento-enamel junction

Tooth 14: 1 hypoplastic groove; 5.63mm from the cemento-enamel junction

Tooth 21: 1 hypoplastic groove; 4.95mm from the cemento-enamel junction

Tooth 22: 2 hypoplastic grooves; 3.53mm and 6.59mm from the cemento-enamel junction respectively

Tooth 23: 2 hypoplastic grooves; 3.97mm and 6.98mm from the cemento-enamel junction respectively

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 4 (foramina have linked into the trabecular structure) CO is exhibited in the middle-lateral sector of the left orbital roof and the middle-lateral and postero-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C3	0	0	0	0				4	0			
C4	0	0	0	0				0	0			
C5	0	4	N/R	N/R				N/R	N/R			
C6	3, 4	3, 4	N/R	N/R				N/R	N/R			
C7	3	0	N/R	N/R				N/R	N/R			
T1	0	0	0	0	0	0	0	0	0	4	0	0
T2	0	0	0	0	0	0	0	0	0	0	4	0
T3	0	0	0	0	0	0	N/R	0	0	0	0	0
T4	0	0	0	0	0	0	3, 4	0	0	0	4	0
T5	0	5	4	0	0	4	0	0	0	0	0	0
T6	0	3, 4, 5	0	0	0	4	0	0	0	0	4	0
T7	5	3, 4, 5	N/R	0	0	0	4	0	0	0	0	0
T8	3, 4	5	0	0	0	0	0	0	0	0	0	3, 5
T9	3, 5	3, 5	0	0	0	0	0	0	0	0	0	0
T10	4, 5	5	0	0	0			0	0	0		
T11	4, 5	0	0	0	0			0	4	0		
T12	0	0	0	0	4			0	0	0		
L1	4	0	0	0				0	0			
L2	0	0	0	0				4	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	N/R				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression present at the vertebral bodies of T5, T6 and T11.

Schmorl's nodes of mild expression present at the vertebral bodies of T7, T8, T9, T10 and T11

Intervertebral Osteochondritis

Erosive lesions indicative of intervertebral osteochondritis are exhibited at the inferior vertebral body of T7 and the superior vertebral body of T8.

*Trauma**Fractures*

Corresponding fractures are present at the mid-shafts of the left ulna and radius. The fracture lines in both cases are no longer discernible due to extensive healing. Malunion of the fractured radial end has resulted in significant medial rotation by approximately 180°.

Slipped Femoral Capital Epiphysis

Abnormal shape of the left femoral head is likely due to a slipped femoral epiphysis. Secondary osteoarthritis at the left hip joint.

Spondylolysis

Unilateral spondylolysis is exhibited at the right pars interarticularis of L5.

Joint

SK142 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	5x Left Costal Facets 5x Right Costal Facets
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Left Acetabulum Left Femoral Head

SK 142: Palaeopathological Summary and Differential Diagnoses

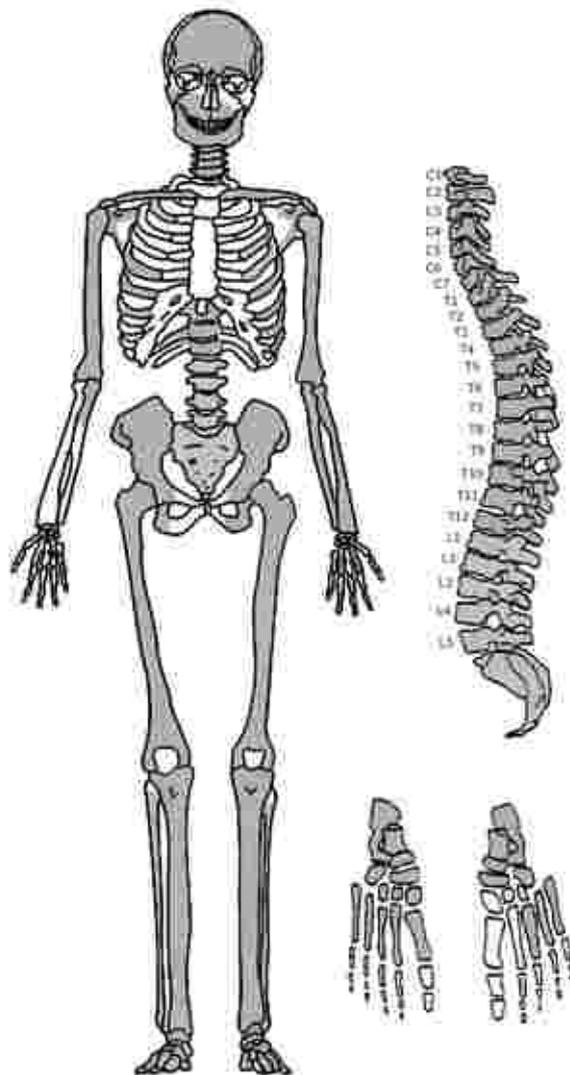
<i>Dental</i>	Enamel hypoplasia, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, intervertebral osteochondritis
<i>Metabolic</i>	Cribriform orbitalia
<i>Joint</i>	DJD, secondary osteoarthritis
<i>Trauma</i>	Fractures, slipped femoral epiphysis, spondylolysis

SK 143**Middle Adult****Female: 156.89 ± 3.55 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 7

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the body above the pelvic region with the right arm extended. Both legs were extended with the feet crossed.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	N/P	N/P	N/P	3	3	N/P	N/P	2	N/P	N/P	N/P	N/P	N/P	N/P
Period. Dis.	N/P	0	0	0	0	1	1	0	0	1	0	0	0	0	0	N/P
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	0	0	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/P	N/P	N/P	N/P	N/P	3	0	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P
Calculus	N/P	N/P	N/P	N/P	N/P	1	0	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P
	N/P	4	4	4	4	1	1	2	2	1	2	2	4	4	4	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	1	1	N/P	0	1	1	1	1	N/P	2	1	1	1	2	1	1
Caries	3	3	N/P	2	1	1	0	0	N/P	0	0	0	2	1	1	0
Abscess	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	N/P	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	3	3	N/R	3	2	2	1	1	N/R	N/R	2	2	2	3	2	1
Attrition	2	2	N/P	2	2	1	2	2	N/P	2	2	1	2	2	2	2

Dental Disease

Antemortem Tooth Loss

SK143 exhibits antemortem tooth loss of three premolars and four molars. Complete secondary resorption of the alveolar process has occurred at all the affected tooth sockets.

Caries

Tooth 13: Large carious lesion present penetrating the pulp cavity; >75% of tooth crown as been eroded by this lesion

Tooth 35: Small carious lesion present

Tooth 36: Small carious lesion present at distal aspect of tooth penetrating the pulp cavity; approximately <25% of tooth has been eroded by this lesion

Tooth 37: Small carious lesion present at medial aspect of tooth penetrating the pulp cavity; approximately <25% of tooth has been eroded by this lesion

Tooth 43: Small carious lesion present at buccal aspect of neck of tooth

Tooth 44: Small carious lesion present at buccal aspect of neck of tooth

Tooth 45: Medium-sized carious lesion present penetrating the pulp cavity; <25% of tooth crown has been eroded; associated abscess at base of tooth root with circumferential periosteal reaction on anterior mandible

Tooth 47: 2 carious lesions present on the occlusal aspect of the tooth and on the buccal aspect at the neck of the tooth; this latter lesion has penetrated the pulp cavity and eroded approx 25% of the tooth root

Tooth 48: 2 carious lesions present on the distal aspect at the neck of the tooth and a medium-sized carious lesion present penetrating the pulp cavity; both lesions have penetrated the pulp cavity and eroded approx 25% of the tooth root each

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	4	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	4	3	0	0				3	0			
C5	3	4	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T2	0	5	0	4	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T3	0	0	4	3, 4	0	4	N/R	0	4	N/R	N/R	N/R
T4	0	0	4	0	0	0	N/R	0	0	N/R	N/R	N/R
T5	0	5	0	0	0	0	N/R	0	0	0	N/R	N/R
T6	0	5	0	0	0	0	N/R	0	0	0	0	N/R
T7	0	5	0	0	0	0	N/R	0	N/R	0	0	N/R
T8	0	0	0	0	0	0	4	0	0	0	0	0
T9	5	5	0	0	0	0	N/R	0	0	0	0	N/R
T10	5	5	0	0	0	0	N/R	0	0	0	0	N/R
T11	0	4	0	0	0			0	0	0		
T12	0	4, 5	0	0	0			0	0	0		
T13	N/R	N/R	N/R	0	N/R			0	0	N/R		
L1	N/R	N/R	0	0				0	0			
L2	N/R	N/R	0	0				0	0			
L4	4, 5	5	0	0				N/R	N/R			
L5	5	3	0	0				0	4			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T2, T5, T7, T9, T10, T12, L4 and L5. Schmorl's nodes of moderate expression are present at the vertebral body of T6.

Trauma

Osteochondritis Dissecans

Subchondral unifocal bone loss indicative of localised avascular necrosis is present at the medial condyle of the right and left femora. The lesions are bilateral with small patches of sclerotic bone which may be indicative of healing.

Joint

SK143 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left Humeral Head Right Humeral Head

Congenital

Supernumerary vertebra

T13 is present.

SK 143: Palaeopathological Summary and Differential Diagnoses

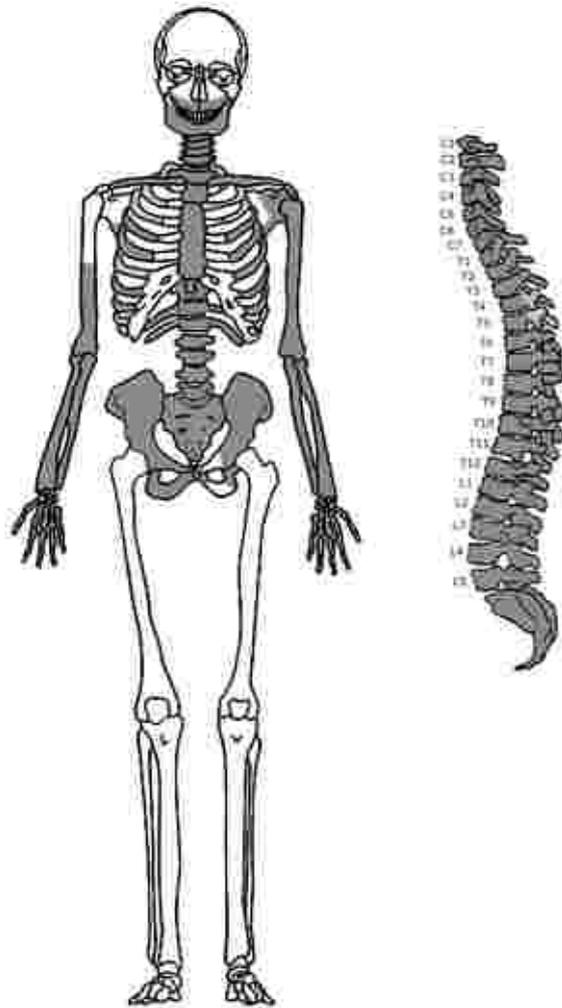
<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, enamel hypoplasia, abscess
<i>Vertebral</i>	Schmorl's nodes
<i>Trauma</i>	Osteochondritis dissecans
<i>Joint</i>	DJD
<i>Congenital</i>	Supernumerary vertebra

SK 145**Young Adult Male****Burial Position and Details:**

Plan No: 23A

Area No: 15

SW-NE orientation; simple, extended supine burial of good completeness and good preservation. Both arms were extended by the side of the body. The left hand was by the side of the body with the right hand over the right pelvis.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	1	3	1	1	1	1	1	N/R	N/R	1	1	1	3	1	N/P
Period. Dis.	0	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	N/P
E.Hypoplasia	0	0	0	0	0	1	0	1	N/R	N/R	1	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	0	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	N/P
Calculus	1	1	1	1	1	1	1	1	N/R	N/R	1	1	1	1	1	N/P
	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	2	0	1	1	1	1	1	1	1	1	1	2	1	0

Dental Disease

Enamel Hypoplasia

Tooth 11: 1 hypoplastic groove present; 3.98mm from the cemento-enamel junction

Tooth 13: 1 hypoplastic groove present; 2.74mm from the cemento-enamel junction

Tooth 23: 1 hypoplastic groove present; 4.06mm from the cemento-enamel junction

Tooth 33: 2 hypoplastic grooves present; 1.74mm and 2.95mm from the cemento-enamel junction respectively.

Tooth 43: 2 hypoplastic grooves present; 1.34mm and 3.53mm from the cemento-enamel junction respectively

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	4	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	4	0
T2	0	0	0	0	0	4	N/R	0	0	0	0	0
T3	0	0	0	0	4	0	N/R	0	0	0	0	3
T4	0	0	0	4	4	4	3	N/R	0	4	4	N/R
T5	0	3	4	4	4	4	0	N/R	4	4	4	N/R
T6	0	3	4	0	4	4	0	4	4	4	0	4
T7	0	5	4	3, 4	4	0	0	3, 4	4	3, 4	0	0
T8	0	3, 4	3, 4	3, 4	4	3, 4	0	3, 4	0	3, 4	4	0
T9	3, 4	3	4	0	0	0	0	0	0	3, 4	3	0
T10	3	5	0	4	0			0	3, 4	0		
T11	0	5	0	0	0			3, 4	0	0		
T12	5	0	0	0	0			0	N/R	0		
L1	0	0	0	0				0	0			
L2	3	0	0	4				0	0			
L3	3	3	0	0				0	0			
L4	3	0	0	0				0	0			
L5	3	0	0	0				0	3			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11 and T12.

Specific Infection: Probable lytic lesion

A probable lytic lesion is present at the inferior aspect of the vertebral body of T10. The boundaries of the lesion are well defined with no sclerosis. The bone loss extends to the underlying trabeculae.

Joint

SK145 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	6x Left Rib heads 1x Left Costal facet 5x Right rib heads 5x Right costal facets

SK 145: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Enamel hypoplasia, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, lytic lesion
<i>Joint</i>	DJD

SK 146

Young Adult

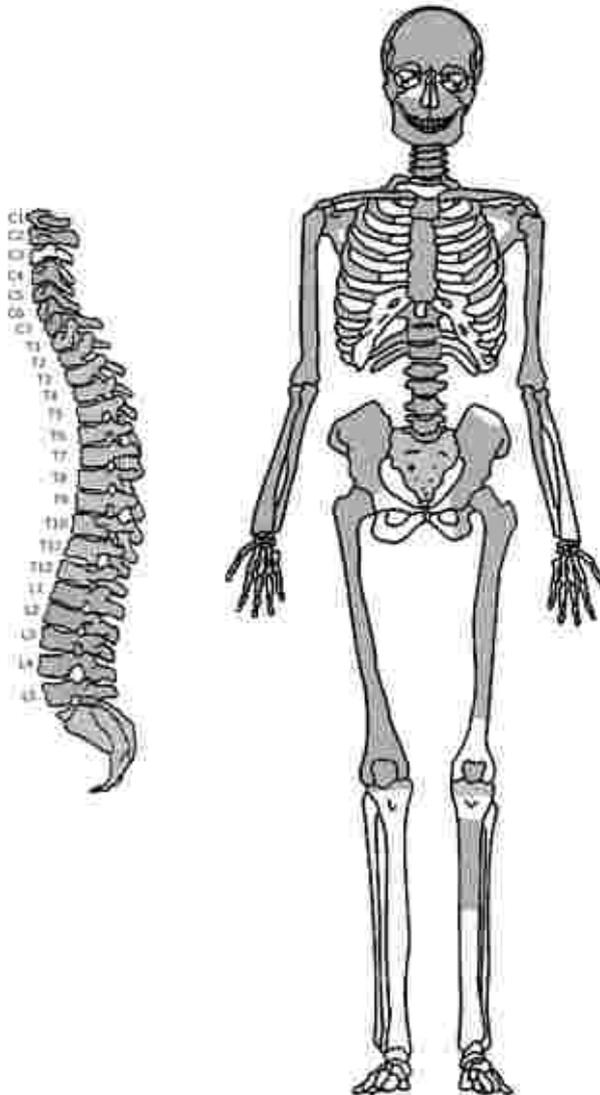
Indeterminate Sex

Burial Position and Details:

Plan No: 23C

Area No: 15

Orientation not specified: simple, extended supine burial of good completeness and good preservation. The right arm was extended with the left arm flexed at the elbow crossing the pelvis. The right hand was positioned over the left pelvis. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	0	0	1	0	0	1	1	1	N/R	0	0	0	0	1	1	0
Period. Dis.	0	0	0	0	N/R	0	0	0	0	0						
E.Hypoplasia	0	0	0	0	0	1	0	1	N/R	0	1	0	0	0	0	0
Cyst	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	N/R	0	0	0	0	1	1	1
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
Caries	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	N/R	0	0	0	0							
Cyst	0	0	0	0	N/R	0	0	0	0							
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	N/R	0	0	0	0							
Attrition	0	1	1	0	0	0	0	1	1	0	0	0	0	2	1	0

Dental Disease

Enamel Hypoplasia

Tooth 11: 2 hypoplastic grooves present; 3.54mm and 6.19mm from the cemento-enamel junction respectively.

Tooth 13: 3 hypoplastic grooves present; 4.06, 4.38 and 5.44mm from the cemento-enamel junction respectively.

Tooth 23: 2 hypoplastic grooves present; 4.48 and 5.48mm from the cemento-enamel junction respectively.

Post Cranial Pathology

Trauma/ Joint

Compression Fracture with secondary ankylosis

A compression fracture is present at the vertebral body of T7 resulting in secondary intervertebral osteochondrosis and traumatic ankylosis of the vertebral bodies of T7 and T8. Healing in the form of sclerotic callus bone formation is observable.

SK 146: Palaeopathological Summary and Differential Diagnoses

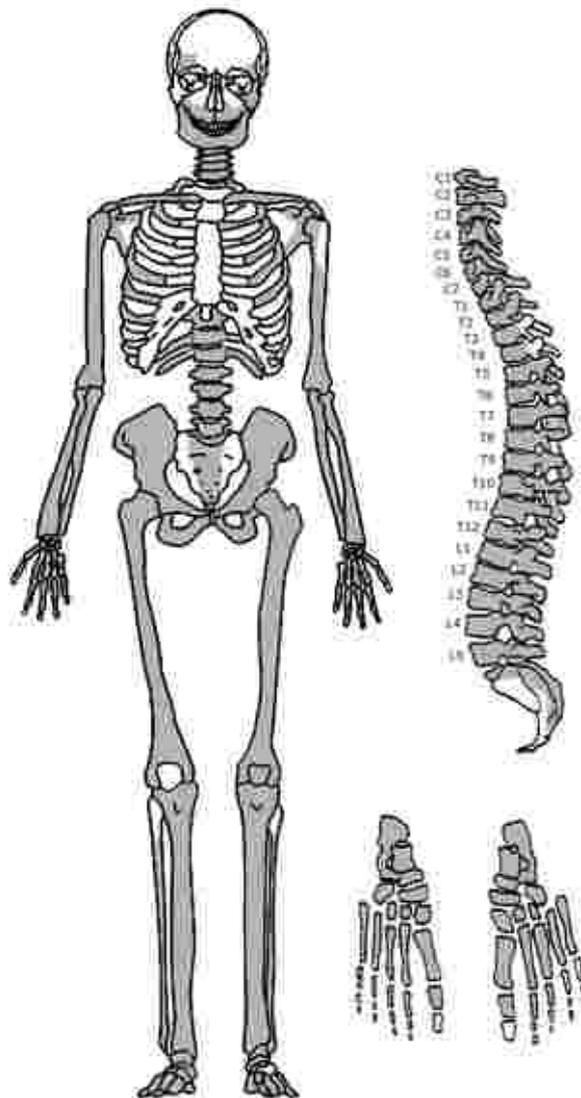
<i>Dental</i>	Enamel hypoplasia, calculus, caries, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis, Secondary ankylosis
<i>Trauma</i>	Compression fracture

SK 148**Middle Adult****Male: 163.65 ± 2.99 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 10/15

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	3	N/P	2	2	2	2	N/P	N/P	1	2	2	3	N/P	N/P
Period. Dis.	N/P	N/R	0	0	0	0	0	0	N/P	N/R	0	0	0	3	0	N/P
E.Hypoplasia	N/P	0	0	N/P	0	0	0	0	N/P	N/P	0	0	0	N/R	N/P	N/P
Cyst	N/P	0	0	0	0	0	0	0	N/P	N/R	0	0	0	0	1	N/P
Abscess	N/P	0	0	0	0	0	0	0	N/P	N/R	0	0	0	1	0	N/P
Caries	N/P	2	3	N/P	0	0	0	0	N/P	N/P	0	0	1	N/R	N/P	N/P
Calculus	N/P	2	0	N/P	1	1	1	1	N/P	N/P	1	1	1	N/R	N/P	N/P
	N/P	1	5	2	1	1	1	1	N/P	2	1	1	1	5	2	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1
Calculus	0	2	2	2	1	N/P	N/P	1	1	N/P	2	1	1	1	2	2
Caries	0	0	0	0	0	N/P	N/P	0	0	N/P	0	0	1	3	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
E.Hypoplasia	0	0	0	0	0	N/P	N/P	0	0	N/P	0	0	0	0	0	0
Period. Dis.	0	1	1	0	N/R	0	0	2	0	2						
Attrition	3	2	2	2	1	N/P	N/P	2	2	N/P	2	1	2	2	2	1

Dental Disease

Caries, Abscess, Cyst

Tooth 16: Large carious lesion present which has eroded the tooth crown so that only the root remains; lesion most likely arose on the distal aspect of the tooth

Tooth 17: Medium-sized carious lesion present on the mesial aspect of the neck of the tooth penetrating the pulp cavity

Tooth 25: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 26: Large abscess present at site of tooth root most apparent on the lingual aspect of the alveolar bone

Tooth 27: Small cyst present at the site of the apex of the medial tooth root; possible site of granuloma.

Tooth 35: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 36: Large carious lesion present on the mesial aspect of the tooth penetrating the pulp cavity; this lesion has eroded approximately 50% of the tooth crown; associated cyst and sinus exhibited on the anterior body of the mandible corresponding to the apex of the tooth roots; the boundary of the sinus is surrounded by a mixture of sclerotic and periosteal reactive bone which suggests this lesion was long-standing and active at time of death

Tooth 37: Probable small cyst present at the apex of the medial root

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate, middle-medial and postero-intermediate sector of the left orbital roof and the middle-intermediate sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	N/R	N/R	N/R	N/R				N/R	N/R			
C4	0	3	0	0				0	0			
C5	3	3	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	N/R	N/R				N/R	N/R			
T1	0	0	0	0	0	0	0	0	0	0	0	3
T2	0	0	0	0	N/R	4	0	0	0	0	0	N/R
T3	0	0	0	N/R	0	N/R	N/R	N/R	N/R	N/R	0	N/R
T4	3	3	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T5	3	3	N/R	N/R	0	4	N/R	N/R	N/R	0	0	N/R
T6	3	3	0	N/R	0	N/R	N/R	0	N/R	0	0	0
T7	0	3	0	N/R	4	0	N/R	0	N/R	0	0	N/R
T8	3	3	0	0	4	N/R	N/R	0	0	0	0	N/R
T9	3	3	0	0	4	N/R	0	0	0	0	N/R	N/R
T10	3	3	0	0	4			0	0	4		
T11	3	0	0	0	4			0	0	4		
T12	0	3	0	0	3, 4			0	0	3, 4		
L1	3	3	0	0				0	0			
L2	3	3	0	0				3	3			
L3	3	3	3	0				3	3			
L4	3	3	0	0				3	3			
L5	3	3	0	3				0	0			

Joint

SK 148 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
Acromioclavicular	Surface porosity, marginal osteophytes	Left and Right Acromion and Clavicle

SK 148: Palaeopathological Summary and Differential Diagnoses

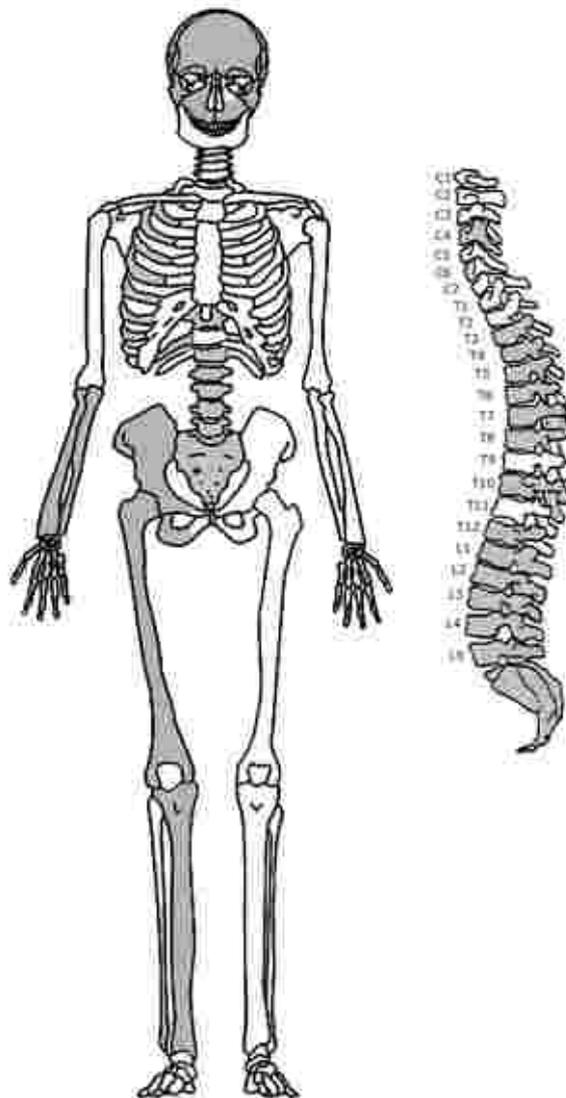
<i>Dental</i>	Caries, dental abscess/cyst, periodontal disease, calculus, dental attrition
<i>Metabolic</i>	CO
<i>Joint</i>	Osteoarthritis

SK 150**Middle Adult****Male: 168.46 ± 2.99 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 10/15

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned facing east. The right arm was beside the right pelvis with the hands positioned over the pelvic region. The right leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	2	2	2	2	2	2	2	2	2	2	2	2	2	N/P
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	2	2	N/P
	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	N/P	1	N/P	1											
Calculus	3	N/P	0	N/P	1											
Caries	0	N/P	2	N/P	0											
Abscess	N/P															
Cyst	N/P															
E.Hypoplasia	0	N/P	0	N/P	0											
Period. Dis.	N/P															
Attrition	0	N/P	3	N/P	0											

Dental Disease

Caries

Tooth 36: Medium-sized carious lesion exhibited on the occlusal surface of tooth 36 penetrating the pulp cavity

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18 and 28 are missing congenitally; calculus deposits are present on the occlusal surfaces of the opposing teeth (Tooth 38, 48).

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C3	1 unnumbered cervical centra present; porosity only exhibited on the superior and inferior body											
C4												
C5												
C6												
C7												
T1												
T2												
T3	5 thoracic centra present; each exhibits porosity. 1x lower thoracic body exhibits a schmorl's node of marked expression 9 thoracic neural arches present; the superior and inferior facets of 2 neural arches exhibit porosity and osteophytes											
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11												
T12	4	4	0	N/R	4, 3							
L1	N/R	N/R	N/R	0				N/R	0			
L2	N/R	N/R	0	0				0	0			
L3	4	N/R	0	N/R				0	4			
L4	N/R	N/R	0	0				N/R	N/R			
L5	4	4	N/R	N/R				N/R	N/R			

Schmorl's Nodes

A schmorl's node of marked expression is present on the inferior vertebral body of one unnumbered thoracic vertebra.

*Trauma**Dislocation with Secondary Traumatic Arthritis*

A dislocation is present at the distal articular head of the right MC3 with secondary traumatic arthritis apparent at the joint surface.

Joint

SK150 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right and left Temporal
<i>Ribs</i>	Surface porosity, marginal osteophytes	6x Right Costal Facets Right 2 nd Rib costal facet Right 11 th Rib costal facet Right proximal ulna
<i>Elbow</i>	Surface porosity, marginal osteophytes	Right radial tuberosity Right MC3 (head)
<i>Hand</i>	Marginal osteophytes, surface osteophytes	Right Acetabulum Right femoral head Right Tibial medial epicondyle
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Right distal fibula
<i>Knee</i>	Marginal osteophytes	
<i>Ankle</i>	Marginal osteophytes	

SK 150: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, calculus, dental attrition, caries, congenitally absent 3 rd molars
<i>Vertebral</i>	Schmorl's node
<i>Joint</i>	DJD, Secondary traumatic arthritis
<i>Trauma</i>	Dislocation

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

SK 151A: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 151B

Young Adult

Female: 156.61 ± 3.55 cm

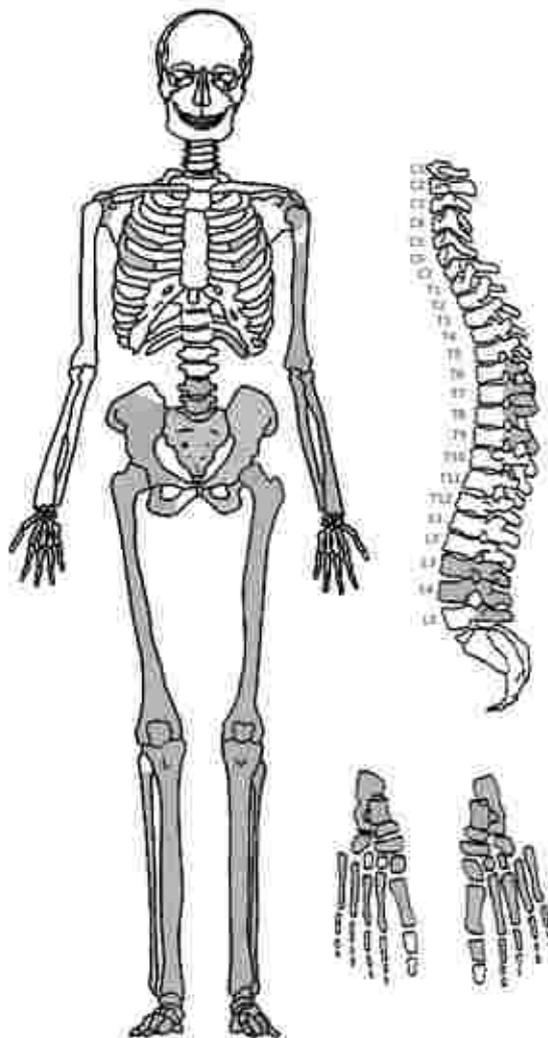
Burial Position and Details:

Plan No: 31D

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended straight.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Complete Fracture

A well-healed complete fracture is exhibited on the body of one unnumbered right rib fragment (3-10). The fracture line is no longer observable and has been obliterated due to extensive healing. Callus formation is circumferential and sclerotic resulting in slight thickening of body at fracture site. The level of healing suggests this fracture was long-standing.

Oblique and Compression fracture with secondary traumatic osteoarthritis

A fracture located at the distal left femur and another fracture at the proximal left tibia are likely to have occurred as part of one traumatic incident. The changes indicate a fall from a height onto a flexed knee as a possible cause. The bony changes associated with the injury are as follows:

The left femur exhibits a well-healed partial fracture (possibly oblique) at the distal 1/3 diaphysis. Any fracture line(s) are obliterated due to extensive healing at the fracture site. Malunion of the fracture has resulted in medio-posterior displacement of the distal 1/3 diaphysis. Extensive callus formation has obliterated the original terminus of the linea aspera. The callus formation is sclerotic and is concentrated primarily on the posterior and medio-anterior aspect of the diaphysis causing clearly discernible diaphyseal thickening (max width 42.87mm in comparison to right femur max width at same point of 33.47mm; difference of 9.4mm). The fracture has resulted in extensive secondary traumatic arthritic changes on the articular surfaces of the lateral and medial condyles; sharp ridge marginal lipping affecting >2/3 of circumference. The fracture has resulted in overall shortening of the femur by approx 17mm (max length of left femur= 389mm, max length of right femur= 406mm; difference of 17mm).

The left tibia exhibits a probable contemporary compression fracture on the articular surface of the medial epicondyle. Extensive sclerotic callus formation is exhibited on the articular

surface with a possible fracture line exhibited on the posterior aspect of the epicondyle running medial to lateral. The fracture has resulted in extensive traumatic arthritic changes on the articular surface of the medial epicondyle; sharp ridge marginal lipping affecting >2/3 of circumference. There is no associated shortening of tibia in comparison to right tibia.

The bony changes described above as a result of this severe injury would have most likely resulted in limited mobility of the affected knee joint which no longer articulates smoothly.

Joint

SK151B exhibits pathological lesions indicative of osteoarthritis, some of which are attributed to secondary traumatic arthritis, at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Marginal osteophytes, surface porosity, eburnation	Left 1 st and 2 nd proximal phalanges (proximal articular surfaces) Right MC1 and MC2 Right 1 st proximal phalanx (proximal articular surface) Left patella
<i>Knee</i>	Marginal osteophytes	Left patella
<i>Foot</i>	Marginal osteophytes, eburnation	Left MT1 Left 1 st proximal phalanx (proximal surface) Right MT1 and MT2 Right 1 st proximal phalanx (proximal surface)

SK 151B: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis, secondary traumatic osteoarthritis
Trauma Fracture

SK 152

Young Adult

Indeterminate Sex

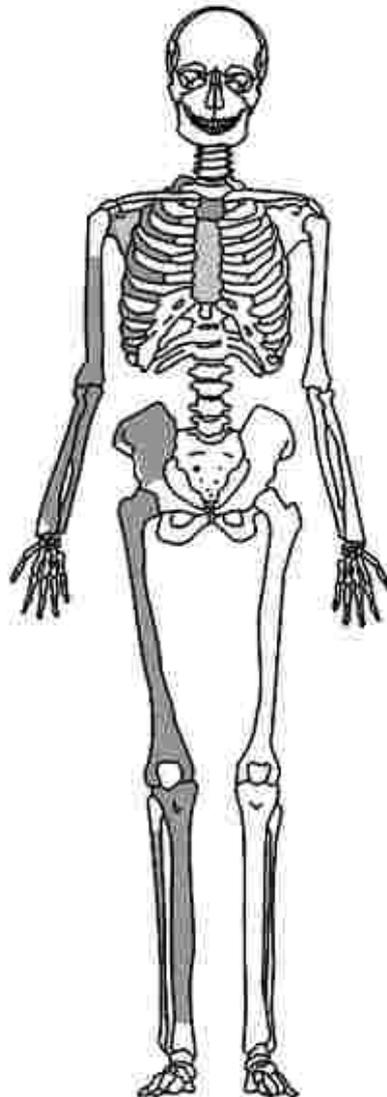
Burial Position and Details:

Plan No: Not specified

Area No: 7

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 152: Palaeopathological Summary and Differential Diagnoses

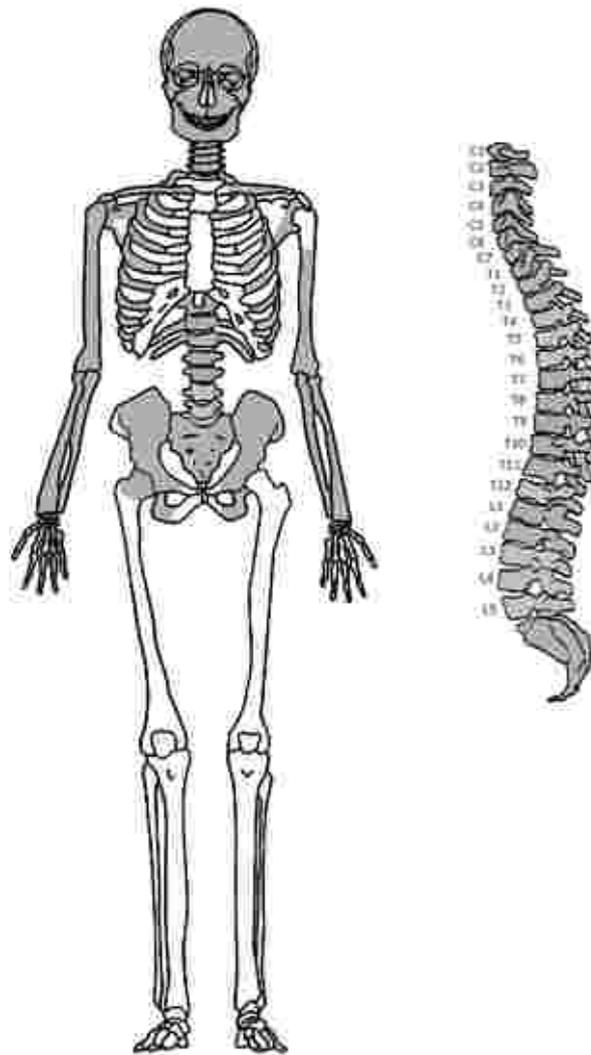
No pathological lesions were observed on the skeletal elements present for analysis.

SK 153**Young Adult****Female****Burial Position and Details:**

Plan No: 26C

Area No: 3

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation. The skull was positioned on the right side. The right arm was flexed at the elbow crossing the pelvis with the left arm extended.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	1	1	1	1	1	1	1	1	N/P	1	1	1	1	1	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	N/P	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
Calculus	2	2	2	1	1	1	1	1	1	1	1	N/P	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	1	N/P	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	1	1	1	1	1	1	1	1	1	N/P	1	1	1	1

Cranial Pathology

Metabolic

Cribriform Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-intermediate and middle-intermediate sector of the left orbital roof.

Porotic Hyperostosis

Degree 3 (porosity and coalescing of foramina) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology*Infection**Reactive Bone Formation*

SK153 exhibits extensive periosteal reactive lesions of primarily the axial skeletal elements. Sclerotic bone is present at the visceral rib surfaces of the left and right 12th ribs, the right 11th rib, one unnumbered left rib and five unnumbered right ribs. A mixed reaction of both woven and sclerotic bone is also present on the anterior distal shaft of the left humerus. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 153: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, enamel hypoplasia, dental attrition
Metabolic Non-specific Stress Indicator at cranial vault: Porotic Hyperostosis and CO
Infection Non-specific: reactive bone deposits

SK 154

Adult

Sex Not Recordable

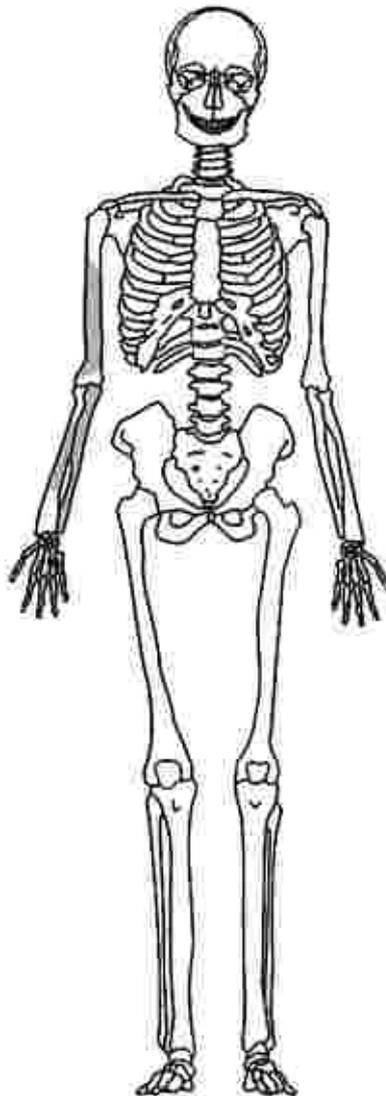
Burial Position and Details:

Plan No: Not specified

Area No: 15

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Joint

SK154 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Marginal osteophytes	Right MC1 Proximal hand phalanx

SK 154: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 155

Adult

Sex Not Recordable

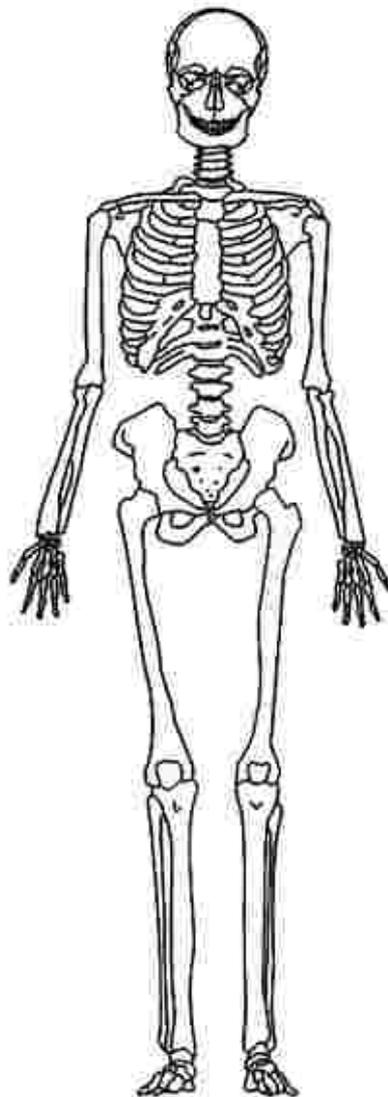
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Fracture

A fracture of unknown type is present at proximal articular facet of the right MC5. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus bone formation is also observable. Malunion of the fracture has resulted in lateral displacement of the fractured end of the bone.

SK 155: Palaeopathological Summary and Differential Diagnoses

Trauma Fracture

SK 158

Young Adult

Sex Not Recordable

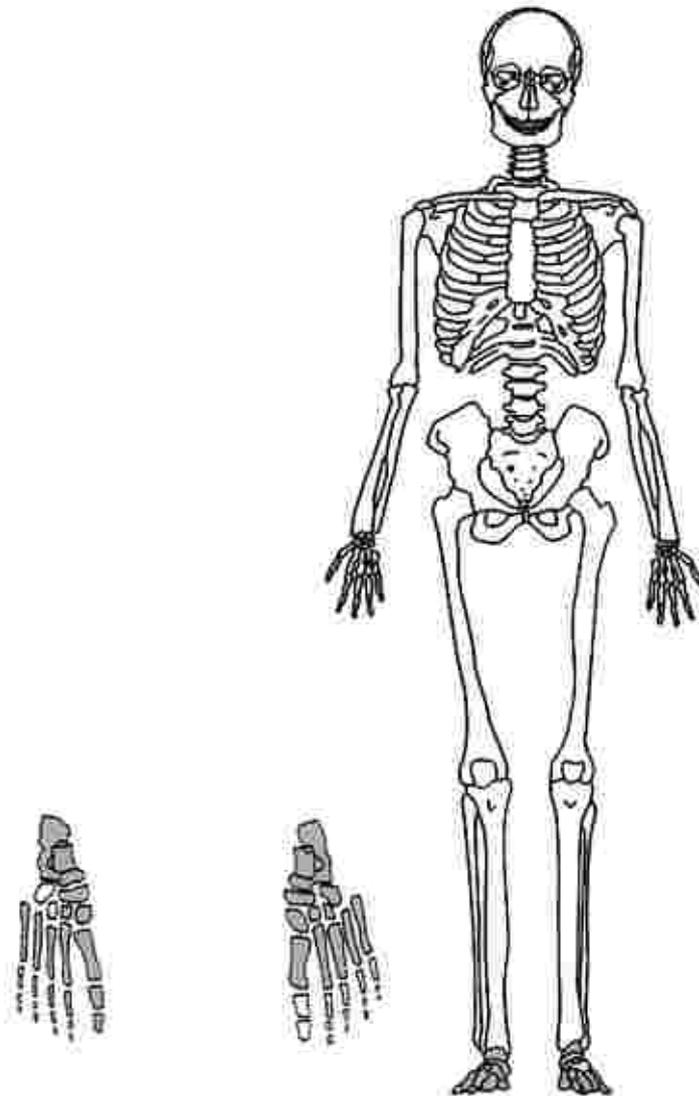
Burial Position and Details:

Plan No: Not specified

Area No: 15

Orientation not specified: simple burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 158: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 160

Young Adult Male

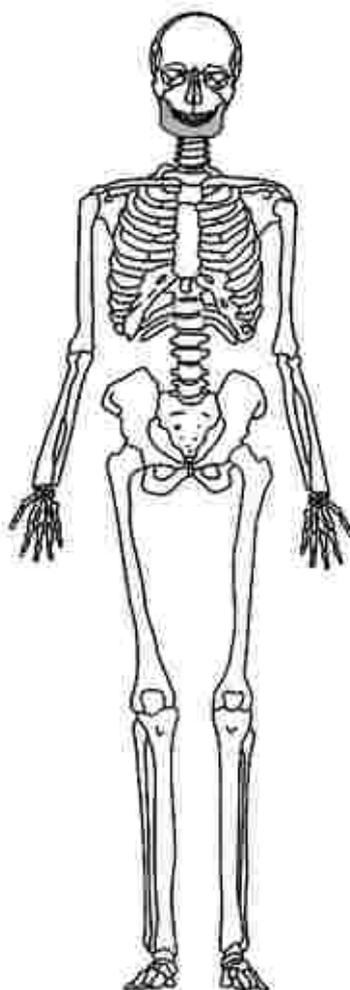
Burial Position and Details:

Plan No: 23

Area No: 15

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	1	N/P	0	N/P											
Period. Dis.	N/R	0	N/P	N/R	N/P											
E.Hypoplasia	0	0	N/P	0	N/P											
Cyst	N/R	0	0	N/R	N/P											
Abscess	N/R	0	0	N/R	N/P											
Caries	0	0	N/P	0	N/P											
Calculus	1	1	N/P	1	N/P											
	1	1	N/P	1	N/P											
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	2	2	2	1	2	2	1	2	2
Calculus	2	2	2	2	2	N/R	N/R	N/R	N/R	N/R	1	N/R	N/R	2	N/R	N/R
Caries	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R	0	N/R	N/R
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R	0	N/R	N/R
Period. Dis.	N/R	N/R	N/R	0	0	N/R	0	N/R	N/R							
Attrition	0	0	1	0	0	N/R	N/R	N/R	N/R	N/R	1	N/R	N/R	1	N/R	N/R

SK 160: Palaeopathological Summary and Differential Diagnoses

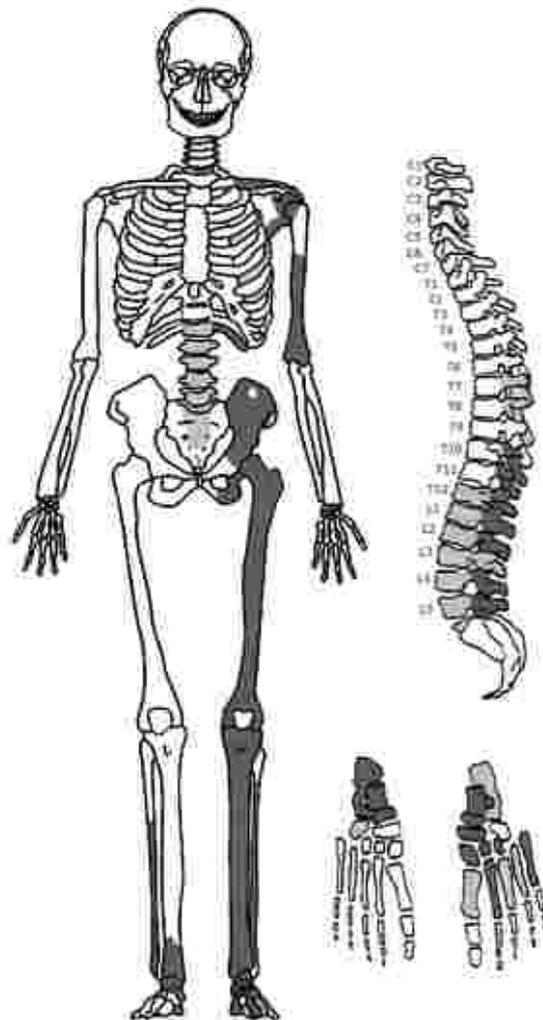
Dental Calculus, dental attrition

SK 161**Young Adult****Female: 155.37 ± 3.55 cm****Burial Position and Details:**

Plan No: 23A

Area No: 10/15

NW-SE orientation; simple, extended supine burial of poor completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis. The left leg was slightly flexed at the knee.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 161: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 165

Middle Adult

Male: 163.99 ± 3.27 cm

Burial Position and Details:

Plan No: 24B

Area No: 7

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The left leg was extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 165: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 168A

Middle Adult

Male

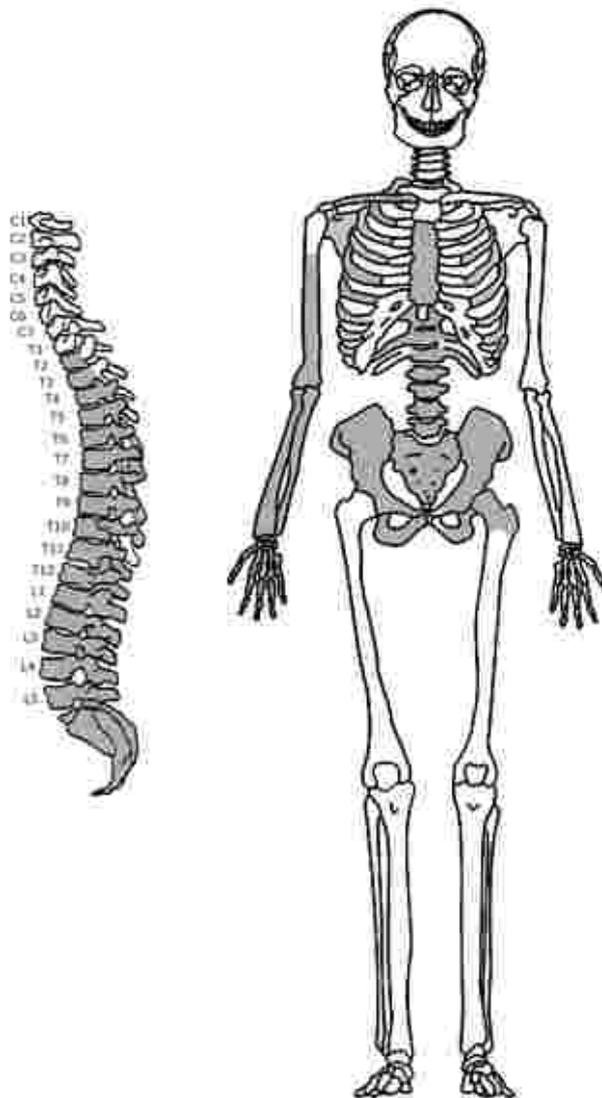
Burial Position and Details:

Plan No: 24B

Area No: 7

W-E orientation; simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T2	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T3	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T4	0	0	4	0	0	0	N/R	0	0	0	0	N/R
T5	0	0	3	0	0	0	0	0	0	0	0	0
T6	0	0	3	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	N/R	5	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	3	3	0		0	3	3, 4			
T11	5	5	0	0	0		0	0	4			
T12	5	0	0	0	4, 3		0	0	0			
L1	5	0	0	0			0	0				
L2	0	5	0	0			0	0				
L3	3, 5	4	0	0			0	0				
L4	0	0	0	0			0	0				
L5	0	0	0	0			0	0				

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T11, T12, L1, L2 and L3

SK 168A: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 168B

Adult

Sex Not Recordable

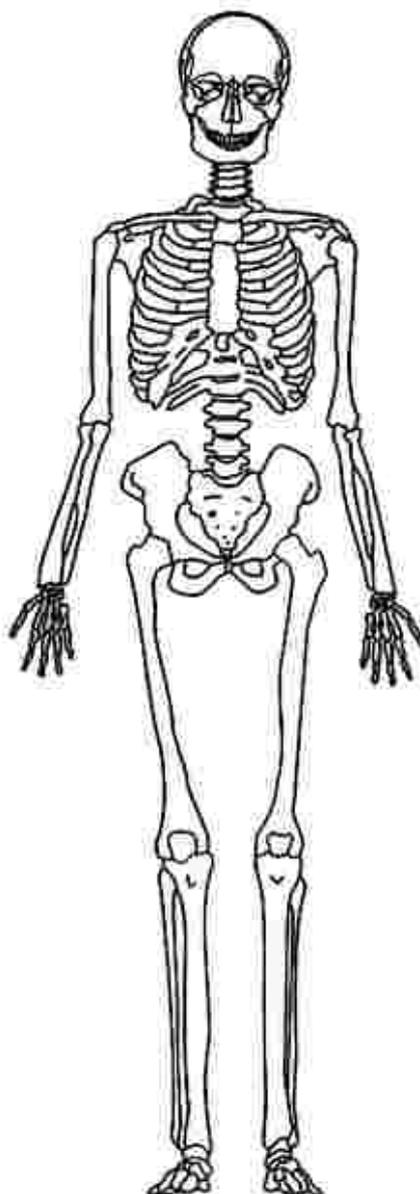
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 168B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 172**Old Adult****Female: 160.06 ± 3.27 cm****Burial Position and Details:**

Plan No: 24C

Area No: 7

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	4	4	1	1	1	1	1	3	N/R	N/R	N/R	N/R	1	1
Calculus	2	2	N/P	N/P	2	2	2	2	2	N/R	N/R	N/R	N/R	N/R	2	2
Caries	0	0	N/P	N/P	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0
E.Hypoplasia	0	0	N/P	N/P	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0
Period. Dis.	0	1	1	1	0	0	0	0	N/R	0	N/R	N/R	N/R	N/R	0	0
Attrition	3	3	N/P	N/P	2	2	2	2	2	N/R	N/R	N/R	N/R	N/R	3	3

Dental Disease

Antemortem Tooth Loss

SK172 exhibits antemortem tooth loss of one mandibular pre-molar and one mandibular molar (Tooth 45 and 46). Complete secondary resorption of the alveolar process at the affected tooth sites has occurred in both cases.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R.Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1	3	3	3	2				0	3			
C2	0	0	2, 3	0				3	0			
C3	0	3, 4	N/R	N/R				0	0			
C4	3, 4	3, 4	N/R	0				0	3			
C5	3, 4	3, 4	N/R	0				0	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	N/R	0	0				0	2, 3, 4			
T1	N/R	N/R	0	0	0	0	N/R	2, 3	0	2, 3, 4	0	3
T2	0	0	0	0	0	0	0	0	0	0	0	N/R
T3	0	0	0	0	0	0	N/R	0	0	0	0	3
T4	0	0	0	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T5	0	0	0	0	4	0	N/R	0	0	4	4	N/R
T6	0	0	0	N/R	0	4	N/R	0	0	0	4	N/R
T7	0	5	0	0	0	0	N/R	0	0	0	0	N/R
T8	3	4, 5	0	0	0	0	N/R	0	0	0	0	N/R
T9	3	3	0	0	0	0	0	0	0	0	0	0
T10	3	3	0	0	4			0	0	4		
T11	3	0	3, 4	0	3, 4			0	0	3		
T12	5, 4	3	0	0	0			0	0	0		
L1	3, 4, 5	3, 5	0	0	3			0				
L2	3, 5	3	0	3, 4	3			0				
L3	3, 5	3	3	0	0			0				
L4	3	0	0	3, 4	0			0				
L5	3	0	3	2, 3, 4	0	2, 3, 4						

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T8, T12, L1, L2, and L3.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the following apophyseal vertebral joints:

The right superior facet of C2, the right inferior facet of C1 and L5, the left superior facet of T1 and S1, the left inferior facet of C7 and L5, and the left superior costal facet of T1.

*Infection**Reactive Bone Formation*

A reactive bone deposit in the form of woven bone is present at the lateral aspect of the mid-shaft of the left humerus. The lesion presents as a perpendicular projection of bone on the affected region of the humeral shaft.

Joint

SK172 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity and surface osteophytes	Mandibular condyles
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci	Left Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes, surface osteophytes, eburnation	Left 1 st Rib Head and costal facet 2x Left Costal Facets 1x Right rib head 1x Right Costal Facet
<i>Elbow</i>	Marginal osteophytes	Left proximal ulna Right proximal ulna
<i>Wrist</i>	Marginal osteophytes	Right proximal radius Left and Right distal radius
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Left Acetabulum Right Acetabulum
<i>Knee</i>	Marginal osteophytes	Left Femoral Condyles Right Femoral Condyles

SK 172: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition
Vertebral Schmorl's nodes, Intervertebral osteochondrosis, Osteoarthritis, DJD
Joint Osteoarthritis, DJD
Infection Non-specific: reactive bone deposit

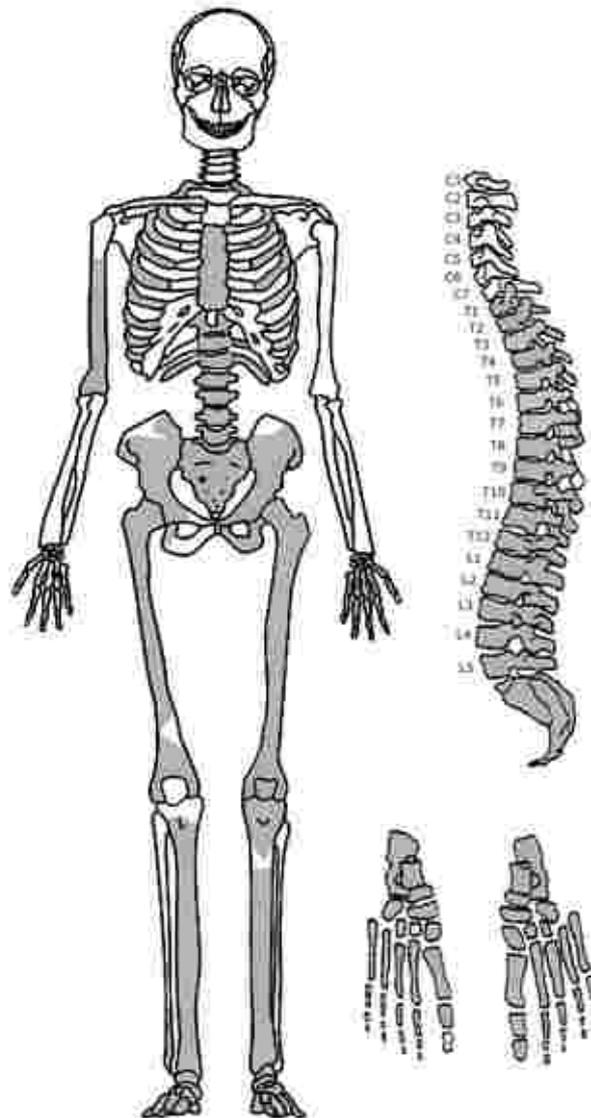
SK 173**Middle Adult****Female: 147.46 ± 3.72 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 7

Orientation not specified. Burial position not specified.

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	0	0	0	0	0	4	0	0	0	0	N/R	0
T2	0	0	0	0	0	4	4	0	0	0	N/R	0
T3	3 thoracic centra present; barely discernible marginal osteophytes exhibited on the inferior surface of these bodies 4 thoracic neural arches present; no pathological changes present											
T4												
T5												
T6												
T7												
T8	0	0	0	0	0	0	3, 4	0	0	0	0	3, 4
T9	0	0	0	1*	0	0	3, 4	0	1*	0	0	2, 3, 4
T10	0	3, 4	0	0	0			0	0	0		
T11	4	4	0	0	4			0	0	3		
T12	0	5	0	0	3			0	0	3, 4		
L1	5	5	0	0				0	3			
L2	1, 3, 4, 5	5	N/R	0				0	0			
L3	1, 3, 4	3, 4	0	3				0	0			
L4	1, 4	4	3	3, 4				0	0			
L5	1, 3, 4	0	3	3				3, 4	3, 4			
S1	0		3, 4					3, 4				

Schmorl's Nodes

Schmorl's nodes of mild expression present at the vertebral bodies of T12, L1 and L2.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of L2, L3 and L4.

*Trauma**Osteochondritis Dissecans*

Subchondral unifocal bone loss indicative of localised avascular necrosis is present at the medial condyle of the right femur. The lesion is unilateral with no observable healing.

Joint

SK173 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left Costal Facet 3x Right Costal Facets
<i>Hand</i>	Marginal osteophytes	Left 1 st proximal phalanx (proximal articular surface) Right 1 st proximal phalanx (proximal articular surface)
<i>Hip</i>	Surface porosity, surface osteophytes, marginal osteophytes	Left Acetabulum Right Acetabulum Right femoral head
<i>Foot</i>	Marginal osteophytes	1x Left proximal and distal foot phalanges

SK 173: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, intervertebral osteochondrosis
Joint DJD
Trauma Osteochondritis dissecans

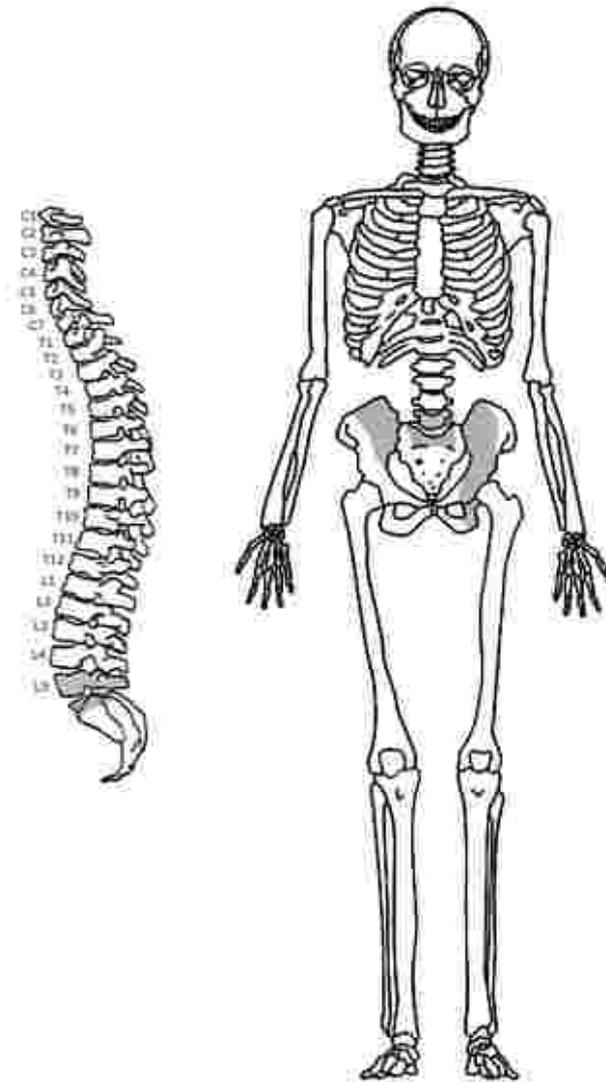
SK 174**Middle Adult****Female****Burial Position and Details:**

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Joint

SK174 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Eburnation	Left hamate Left MC4

SK 174: Palaeopathological Summary and Differential Diagnoses

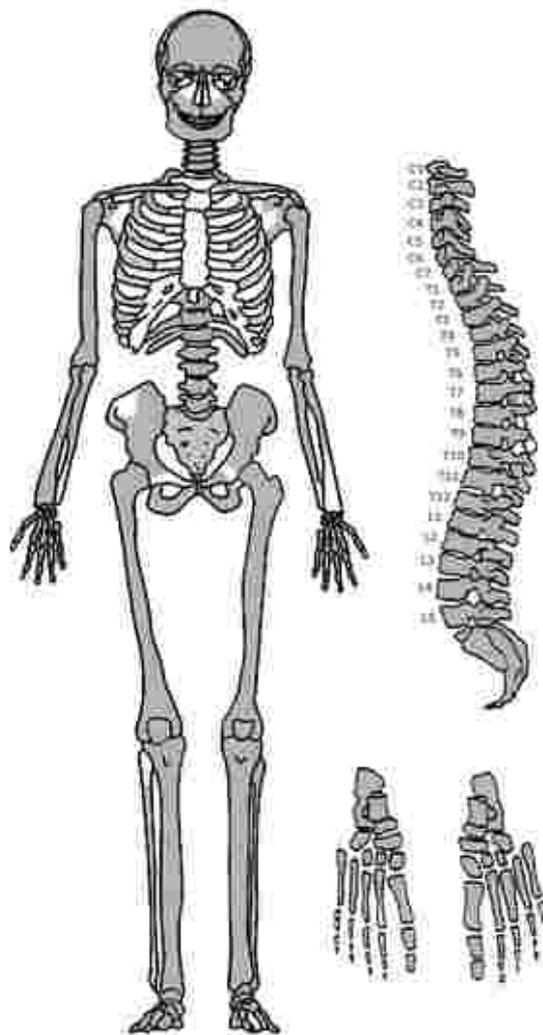
Joint Osteoarthritis

SK 175**Middle Adult****Male: 159.75 ± 2.99 cm****Burial Position and Details:**

Plan No: 22A

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	N/P	2	2	2	2	2	2	2	2	3	3	N/P	N/P	N/P
Period. Dis.	3	3	3	1	1	1	1	1	1	1	1	1	1	0	0	0
E.Hypoplasia	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Cyst	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Caries	N/P	N/P	N/P	0	0	0	0	0	0	0	0	1	1	N/P	N/P	N/P
Calculus	N/P	N/P	N/P	1	1	1	1	1	1	1	1	1	1	N/P	N/P	N/P
	4	4	4	1	1	1	1	1	1	1	1	1	1	4	4	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	1	2	2	2	1	1	1	2	1	1	1	1	2	2
Caries	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Attrition	1	2	3	1	1	2	2	2	2	2	2	2	3	3	2	2

Dental Disease

Antemortem Tooth Loss

SK175 exhibits antemortem tooth loss of the entire set of maxillary molars. Complete secondary resorption of the alveolar process at the affected tooth sites has occurred.

Caries, Cyst, Abscess

Tooth 16: Large cyst present on the lingual aspect of the alveolar bone; the lesion is smooth-edged suggesting it was a chronic condition

Tooth 24: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 25: Small carious lesion present on the mesial aspect of the neck of the tooth with associated small abscess at apex of root

Tooth 36: Medium-sized carious lesion present at medial and occlusal aspects of the tooth crown penetrating the pulp cavity with associated cyst on anterior body of mandible at apex of distal tooth root

Tooth 46: Medium-sized carious lesion present at the medial and occlusal aspects of the tooth crown penetrating the pulp cavity with associated cyst on anterior body of mandible at apex of tooth root; the boundary of the cyst has associated circumferential secondary periostitis in the form of woven and sclerotic bone. Partial sclerosis of the secondary bone inflammation indicates a degree of healing took place before the time of death.

Congenital Abnormalities of the Teeth/ Jaws

A possible enamel pearl is present on the lingual aspect of neck of tooth 22. This tooth also appears to have two cusps rather than the typical single cusp.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and medial-lateral sector of the left orbital roof and on the antero-intermediate and middle-lateral sector of the right orbital roof.

Trauma

Blunt-force trauma

A healed depression fracture is present at the right frontal adjacent to the glabella. The lesion is circular in shape measuring 10.22mm superior-inferior and 13.73mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	N/R	0	N/R
T2	0	0	0	0	0	0	0	0	0	0	N/R	0
T3	0	4	0	0	0	N/R	0	0	0	0	N/R	N/R
T4	0	0	0	0	N/R	N/R	0	0	0	N/R	0	N/R
T5	0	0	0	0	4	N/R	N/R	0	0	N/R	0	0
T6	0	0	0	0	0	0	N/R	0	0	4	4	0
T7	3	3, 4	0	0	3, 4	3	N/R	0	0	4	N/R	3
T8	3	3	0	0	3, 4	N/R	N/R	0	0	4	4	N/R
T9	3	3, 4	0	0	3, 4	3, 4	N/R	0	0	4	4	N/R
T10	3	3	0	0	3, 4			0	0	3, 4		
T11	3	3	0	0	0			0	0	0		
T12	0	3	0	4	3, 4			0	0	3, 4		
L1	3	3	0	4				0	0			
L2	3, 4	0	0	N/R				0	N/R			
L3	3	0	0	0				0	0			
L4	3	3	0	0				0	0			
L5	3, 4	4	3	3				3	0			

Trauma

Fracture with sequestrum

A fracture of unknown type is present at distal articular surface of the left 5th proximal foot phalanx. The fracture line is no longer evident due to extensive healing. A sequestrum has formed as a result of this fracture.

A second possible fracture is present at the proximal surface of the left 4th proximal foot phalanx.

Joint

SK175 exhibits pathological lesions indicative of degenerative joint disease and/ or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right Temporal
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Left and Right Clavicle Left acromion process
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Left and Right Humeral Head Left and Right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	Left 11 th rib head Right 1 st rib head
<i>Elbow</i>	Marginal osteophytes, bone hypertrophy, surface osteophytes	Right distal humerus, proximal ulna and proximal radius
<i>Wrist</i>	Surface porosity, marginal osteophytes	Left scaphoid Right distal ulna
<i>Hip</i>	Periarticular resorptive foci and marginal osteophytes	Left Acetabulum Right Acetabulum
<i>Knee</i>	Marginal osteophytes, surface osteophytes	Left and Right Femoral Condyles Right and Left Tibial epicondyles
<i>Foot</i>	Marginal osteophytes	Left 1 st proximal phalanx (proximal surface), navicular and lateral cuneiform

SK 175: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental abscess/cyst, periodontal disease, calculus, dental attrition,
enamel pearl, accessory incisory cusp
Joint DJD, OA
Metabolic CO
Trauma Fracture

SK 176**Middle Adult****Indeterminate Sex****Burial Position and Details:**

Plan No: Not specified

Area No: 8

W-E orientation; simple, crouched burial of moderate completeness and good preservation. The hands were positioned on the pelvic region. Both legs were flexed upwards towards the torso.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%
 Approximate Fragmentation: 75-100%
 Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	3,4	3,4	4	4				4	0			
T1	3 thoracic vertebral bodies present; porosity exhibited on superior and inferior aspects of all of the vertebral bodies 6 thoracic neural arches present; macro and microporosity exhibited on 2 superior R facets, 1 inferior L facet and 1 inferior R facet; associated eburnation exhibited on 1 superior R facet and 1 inferior L facet											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11												
T12												
L1	3, 4, 5	3, 4, 5	3	0				0	0			
L2	4	4	0	0				0	0			
L3	4	4	0	0				0	N/R			
L4	4	4	0	0				0	N/R			
L5	N/R	N/R	4	2, 3, 4				N/R	3			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral body of L1.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right inferior apophyseal facet of L5.

Joint

SK176 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Ribs</i>	Surface porosity	4x Left Costal Facets 2x Left rib heads 1x Right Costal Facet
<i>Wrist</i>	Surface porosity	Left scaphoid
<i>Hand</i>	Surface porosity, eburnation	Right MC5 (head)

*Trauma**Spondylolysis*

Unilateral spondylolysis is exhibited at the left pars interarticularis of S1

SK 176: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes, Osteoarthritis, DJD
<i>Joint</i>	Osteoarthritis, DJD
<i>Trauma</i>	Unilateral spondylolysis

SK 178

Middle Adult

Female: 158.84 ± 3.55 cm

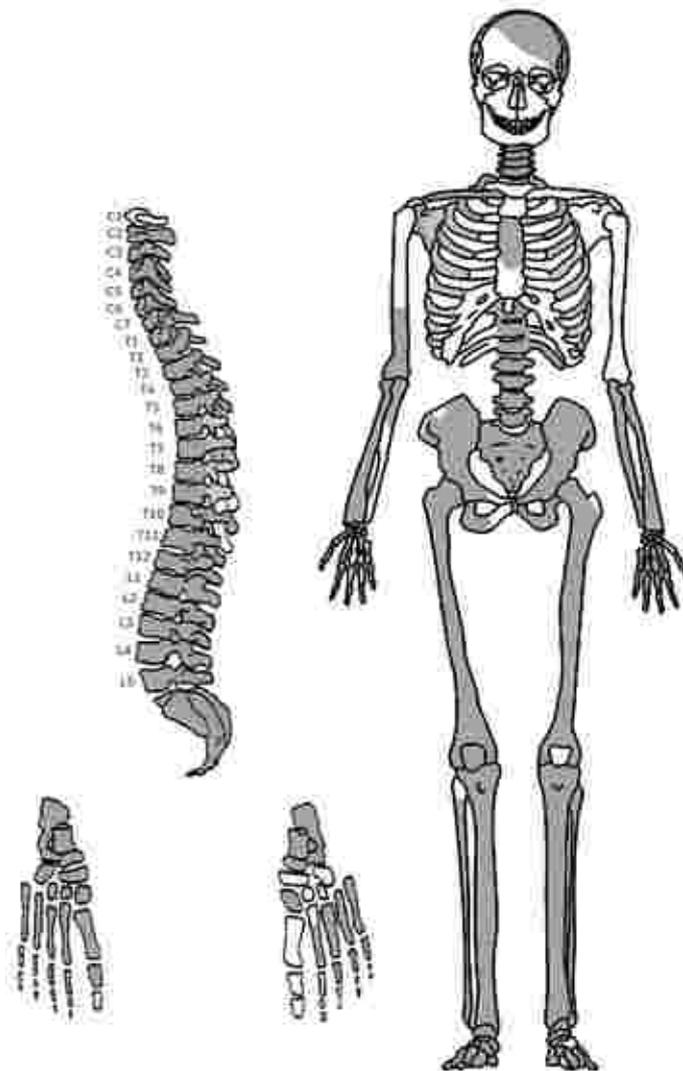
Burial Position and Details:

Plan No: 24D

Area No: 7

Orientation not specified: simple, crouched burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	N/R				0	N/R			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	N/R	N/R				N/R	N/R			
C7	N/R	0	0	0				0	0			
T1	0	4	0	0	0	0	0	0	0	0	0	0
T2	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R
T3	0	4	N/R	N/R	4	4	0	0	0	0	4	N/R
T4	4	4	0	0	0	0	0	0	0	N/R	N/R	N/R
T5	0	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	4	N/R	N/R
T6	4	0	0	0	N/R	N/R	0	0	0	0	0	0
T7	4	4	0	0	4	0	0	0	0	0	4	0
T8	4	4	0	0	4	0	N/R	0	0	0	0	N/R
T9	0	0	0	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T10	0	4	0	0	0			0	0	4		
T11	4	4	0	0	4			0	0	4		
T12	4	4	N/R	3	4			N/R	3	4		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	5	0	0	N/R				0	0			
L4	0	0	0	N/R				0	N/R			
L5	0	0	0	N/R				0	0			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L3.

Infection

Reactive Bone Formation

A reactive bone deposit in the form of woven bone is present at the visceral and pleural surface of the left 10th rib.

Congenital

Symphalangism

Congenital fusion of two unnumbered foot phalanges (intermediate and distal) is observable.

SK 178: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node
Infection Non-specific: reactive bone deposit
Congenital Symphalangism

SK 179A

Middle Adult

Male: 172.56 ± 3.27 cm

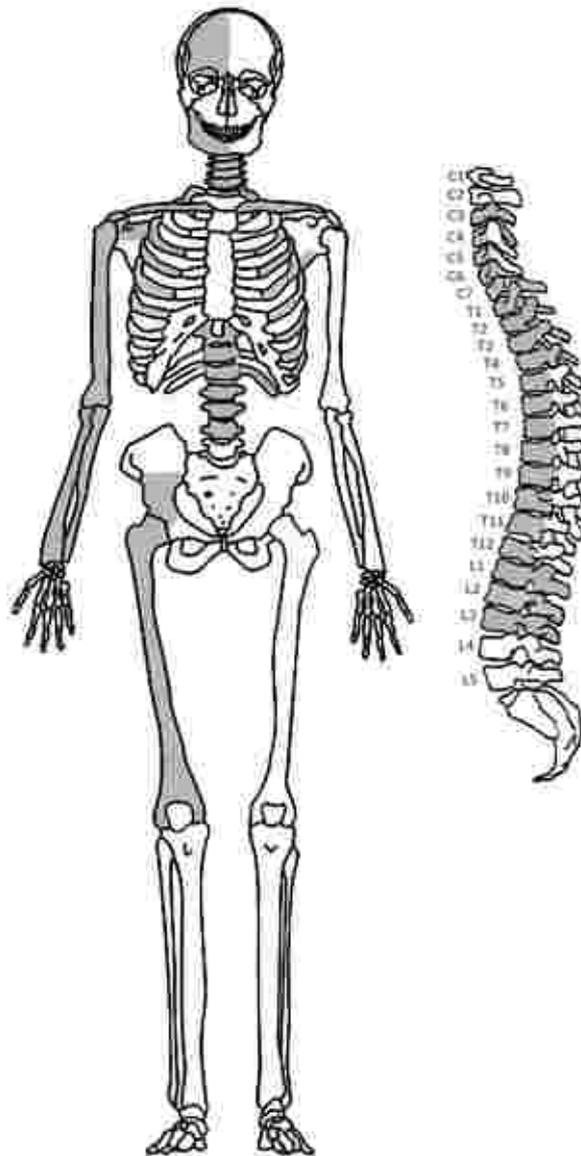
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position: Prone

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	3	3	3	2	2	2	2	2	N/P	N/P	N/P	N/P	3	N/P	N/P
Period. Dis.	N/P	N/R	N/R	2	2	1	2	N/R	N/R	N/P	N/P	N/P	N/P	0	N/P	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	N/P	N/P
Cyst	N/P	N/R	N/R	0	0	0	0	N/R	N/R	N/P	N/P	N/P	N/P	0	N/P	N/P
Abscess	N/P	N/R	N/R	0	0	0	0	N/R	N/R	N/P	N/P	N/P	N/P	1	N/P	N/P
Caries	N/P	0	0	1	0	0	0	0	0	N/P	N/P	N/P	N/P	0	N/P	N/P
Calculus	N/P	2	1	2	2	2	1	2	1	N/P	N/P	N/P	N/P	0	N/P	N/P
	N/P	1	1	1	1	1	1	1	1	1	N/P	N/P	N/P	1	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	N/P								
Calculus	2	2	2	2	2	3	3	N/P								
Caries	0	0	0	0	0	0	0	N/P								
Abscess	0	0	0	0	0	0	0	N/P								
Cyst	0	0	0	0	0	0	0	N/P								
E.Hypoplasia	0	0	0	0	0	0	0	N/P								
Period. Dis.	2	2	2	2	2	2	2	N/P								
Attrition	3	3	3	2	2	2	2	N/P								

Dental Disease

Caries

Tooth 15: Small carious lesion present on the distal aspect of the neck of the tooth

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 4 (foramina linked in trabecular structure) CO is exhibited in the middle-lateral and middle-intermediate sector of the right orbital roof.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C3	3,4	3,4	4	0				3,4	3,4			
C4	3,4	2,3,4	N/R	N/R				N/R	N/R			
C5	3,4	3,4	N/R	N/R				N/R	N/R			
C6	3,4	3,4	N/R	N/R				N/R	N/R			
C7	3,4	0	0	3,4				N/R	N/R			
T1	3	3,4	N/R	N/R	3,4	3,4	N/R	3,4	3	3,4	0	N/R
T2	3,4	3,4	0	3	N/R	3,4	N/R	0	0	3,4	3,4	N/R
T3	3,4	3	4	3,4	3,4	N/R	N/R	4	3,4	0	N/R	N/R
T4	0	3,4	4	3	0	N/R	N/R	3,4	3,4	4	0	N/R
T5	3	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T6	3	3,4	3	0	0	4	N/R	3,4	0	4	3,4	N/R
T7	0	3	N/R	N/R	4	4	N/R	N/R	N/R	3,4	3,4	N/R
T8	0	3	N/R	N/R	4	4	N/R	N/R	N/R	0	4	N/R
T9	3,4	3,4	3	N/R	0	0	N/R	0	N/R	3,4	0	N/R
T10	0	3,4,1	N/R	N/R	0			N/R	N/R	4		
T11	3,1	1	N/R	N/R	N/R			N/R	N/R	3,4		
T12	1	3,1	N/R	N/R	3,4			N/R	N/R	3,4		
L1	3,1	3,4	3	N/R				N/R	N/R			
L2	3,4	3,4	3	N/R				N/R	N/R			
L3	3,4	3,4	0	N/R				N/R	N/R			

Intervertebral osteochondrosis

Intervertebral osteochondrosis is exhibited at the vertebral bodies of C3, C4, C5, C6, C7, T2, L1, L2 and L3. Surface osteophytes are also present on the inferior surface of the vertebral body of T1 and the superior surface of the vertebral body of T2.

*Trauma/ Joint**Compression Fracture with secondary ankylosis*

A compression fracture is present at the vertebral body of T11 resulting in intervertebral osteochondrosis and traumatic ankylosis of the vertebral bodies of T10, T11, T12 and L1.

*Trauma**Complete Fracture*

Complete fracture present at body of an unnumbered right rib fragment. The fracture line is still evident. Healing in the form of sclerotic callus bone formation on the pleural surface and woven bone callus formation on the visceral surface is also observable.

Joint

SK179A exhibits pathological lesions indicative of degenerative joint disease and / or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface osteophytes	Right Temporal
<i>Acromioclavicular</i>	Marginal osteophytes, surface porosity	Right acromion process
<i>Sternoclavicular</i>	Surface porosity, subchondral bone loss	Left and Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	6x Left Costal Facets 3x Left rib heads 3x Right rib heads 1x Right Costal Facet
<i>Elbow</i>	Surface porosity, marginal osteophytes	Right proximal radius and ulna
<i>Wrist</i>	Surface porosity	Right distal ulna and radius
<i>Hand</i>	Marginal osteophytes , surface porosity	Left MC4 and 1 st distal phalanx (proximal articular surface) Right MC1 and 1 st distal phalanx (proximal articular surface)
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Right Acetabulum

SK 179A: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis, vertebral fracture, secondary ankylosis
<i>Joint</i>	DJD, Osteoarthritis
<i>Metabolic</i>	CO
<i>Trauma</i>	Fracture, Vertebral fracture

SK 179B

Adult

Sex Not Recordable

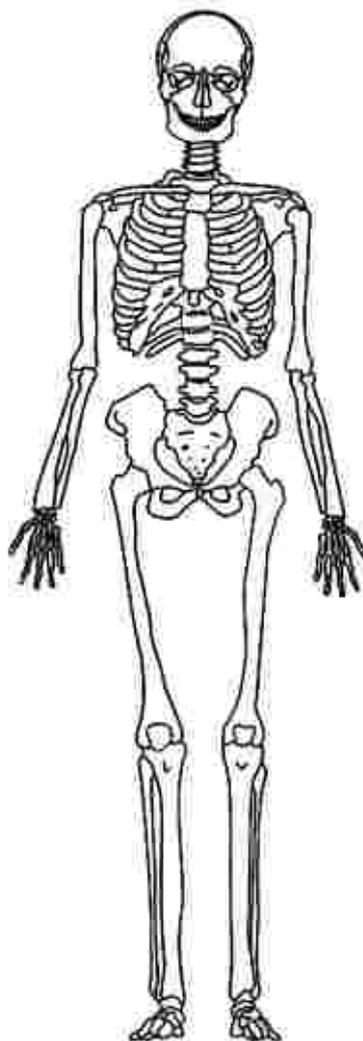
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 179B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 181

Young Adult

Probable Female

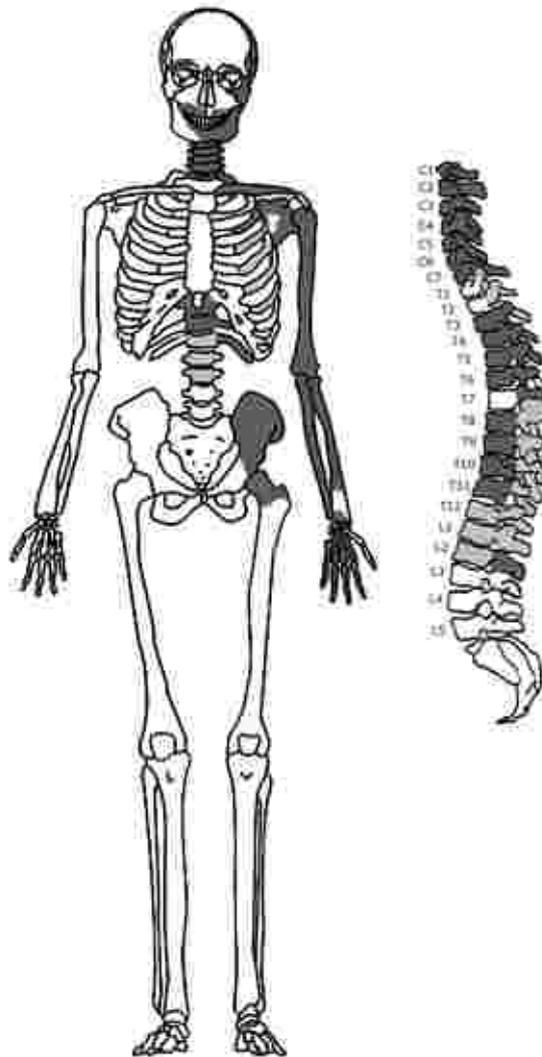
Burial Position and Details:

Plan No: 31D

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	0	0	0	0	0	1	0	0	N/P	0	0	0	0	1	0	0
Period. Dis.	N/R	N/R	0	0	0	0	0	0	N/P	0	0	0	0	0	0	N/R
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	N/R
Abscess	N/R	N/R	0	0	0	0	0	0	N/P	0	0	0	0	0	0	N/R
Caries	N/R	N/R	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Calculus	0	2	2	1	1	1	1	1	N/P	1	1	1	1	2	2	0
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
Calculus	N/R	1	1	1	1	1	1	1	1	1	1	1	1	2	2	N/R
Caries	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Period. Dis.	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Attrition	N/R	0	0	0	0	0	0	1	1	0	0	0	0	0	0	N/R

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern indicates this lesion was healed at the time of death.

SK 181: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
 Metabolic Porotic Hyperostosis

SK 182

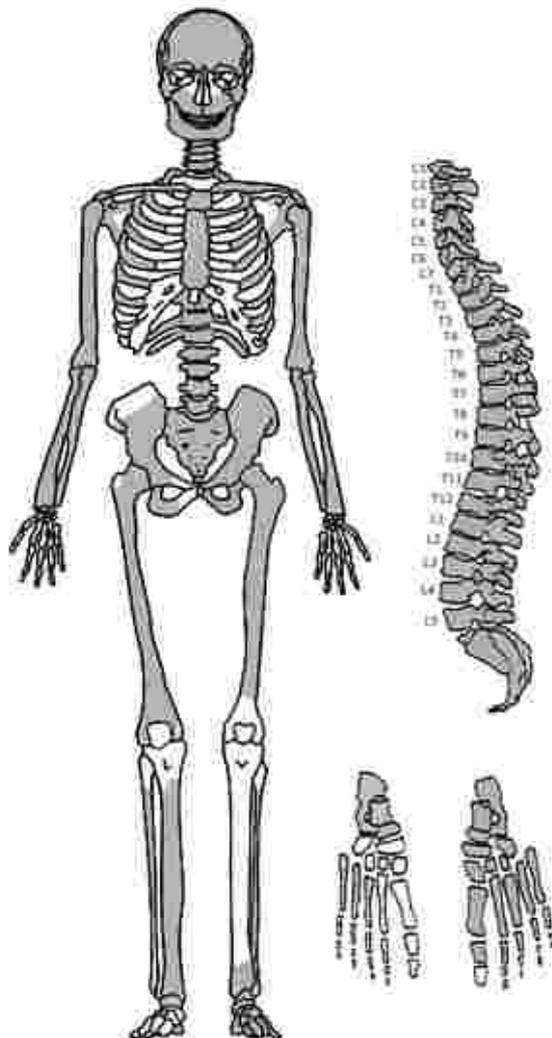
Young Adult Female

Burial Position and Details:

Plan No: 23B

Area No: 15

W-E orientation; simple, crouched burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The left hand was positioned over the chest with the right hand over the pelvic region. Both legs were flexed with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	1	1	2	1	0	1	1	2	1	1	1	0	1	2	1	N/P	N/R
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/R
Calculus	1	2	2	1	1	1	1	1	0	1	2	1	1	1	1	N/P	N/R
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	29*
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Calculus	2	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Attrition	0	1	2	0	0	1	2	2	2	2	2	0	0	2	1	1	

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

There is a supernumerary root present between Tooth 25 and Tooth 26; this root appears to be severely underdeveloped and has been assigned the number of Tooth 29.

Cranial Pathology

Metabolic

Cribriform Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and postero-lateral sector of the left orbital roof and the antero-lateral, antero-intermediate and middle-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T9, T10, T1, L1 and L4 and of moderate expression at the vertebral bodies of T12, L2 and L3.

Infection

Specific Infection: Tuberculosis

SK182 exhibits extensive lytic lesions of the vertebrae and bilateral periosteal inflammatory lesions of the visceral rib surfaces. These lesions are indicative of the specific infection TB. Lytic lesions are observable at the superior vertebral body of T6. An erosive lesion, possibly lytic, are present at the acromial end of the left clavicle resulting in complete resorption of the acromial articular surface of the left clavicle.

SK182 also exhibits periosteal inflammatory lesions of the left and right ribs and right femur. Periostitis in the form of sclerotic bone is present at the visceral surfaces of 5 left ribs and 3 left rib fragment. An erosive lesion (possibly lytic) is exhibited at the visceral surface of one of the latter rib fragments. A further 4 unnumbered right ribs, the 2nd and 3rd right ribs exhibit sclerotic periosteal lesions on the visceral surfaces. Periostitis in the form of woven bone is present on the visceral surfaces of the 11th, 12th right ribs and a total of 8 right rib fragments. A mixed reaction of both woven and sclerotic bone is present on the distal shaft of the right femur. Sclerosis of some of these lesions indicates some degree of healing took place before the time of death.

Miscellaneous Pathology/ Infection

Abnormal Bone Loss

Diffuse abnormal bone loss is observable on the inferior-posterior left zygomatic. The cause of this lesion is ambiguous and may be as a result of infection.

SK 182: Palaeopathological Summary and Differential Diagnoses

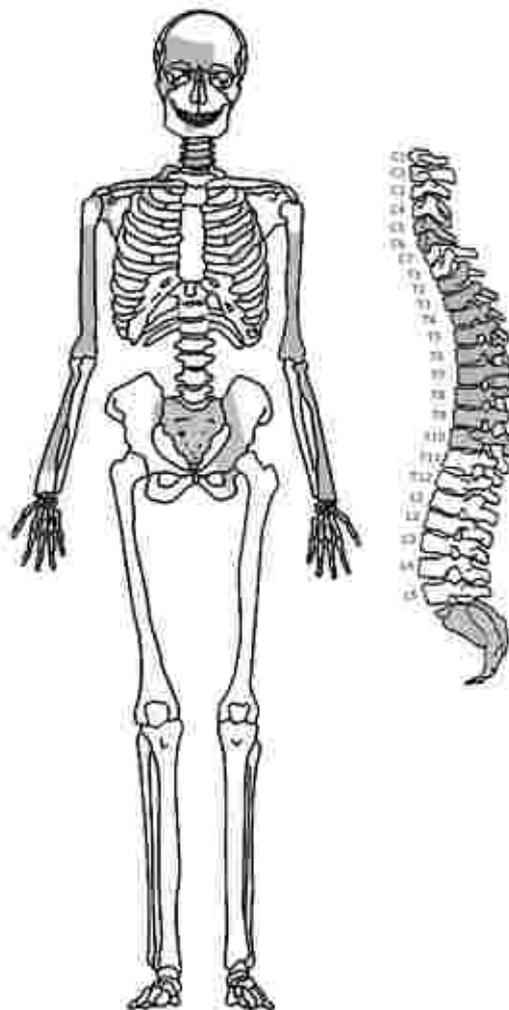
<i>Dental</i>	Calculus, dental attrition, supernumerary tooth
<i>Vertebral</i>	Lytic lesions, Schmorl's nodes
<i>Metabolic</i>	Cribriform orbitalia
<i>Infection</i>	Tuberculosis

SK 183**Old Adult****Probable Female****Burial Position and Details:**

Plan No: 23A

Area No: 15

W-E orientation; simple burial on right side of poor completeness and moderate preservation. The skull was positioned on the right side. Both arms were flexed at the elbow with the hands positioned over the pelvic region.

Visual Inventory

Preservation

Approximate Completeness :< 25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	N/P	3	N/P	2	N/P	3	N/P	N/P							
Period. Dis.	N/P	N/P	N/R	N/P	N/R	N/P	N/R	N/P	N/P							
E.Hypoplasia	N/P	N/P	0	N/P	0	N/P	0	N/P	N/P							
Cyst	N/P	N/P	N/R	N/P	N/R	N/P	N/R	N/P	N/P							
Abscess	N/P	N/P	N/R	N/P	N/R	N/P	N/R	N/P	N/P							
Caries	N/P	N/P	1	N/P	1	N/P	1	N/P	N/P							
Calculus	N/P	N/P	1	N/P	1	N/P	1	N/P	N/P							
	N/P	N/P	1	N/P	3	N/P	1	N/P	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/P	N/P	1	1	1	1	2	N/P							
Calculus	N/P	N/P	N/P	2	2	1	2	N/P								
Caries	N/P	N/P	N/P	0	0	0	0	N/P								
Abscess	N/P	N/P	N/P	0	0	0	0	N/P								
Cyst	N/P	N/P	N/P	0	0	0	0	N/P								
E.Hypoplasia	N/P	N/P	N/P	0	1	1	1	N/P								
Period. Dis.	N/P	N/P	N/P	0	0	0	0	N/P								
Attrition	N/P	N/P	N/P	1	1	2	2	N/P								

Dental Disease

Caries

Tooth 16: Small carious lesion present at the neck of the tooth

Tooth 26: Small carious lesion present at the neck of the tooth

Tooth 24: Small carious lesion present on the occlusal surface of the tooth

Enamel Hypoplasia

Tooth 42: 2 hypoplastic grooves present; 2.98mm and 4.05mm from the cemento-enamel junction respectively

Tooth 43: 2 hypoplastic grooves present; 3.88mm and 4.7mm from the cemento-enamel junction respectively

Tooth 44: 1 hypoplastic groove present; 3.4mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of two fragmented thoracic vertebrae.

SK 183: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Enamel hypoplasia, caries, calculus, dental attrition, root bifurcation
<i>Vertebral</i>	Schmorl's nodes

SK 185

Adult

Sex Not Recordable

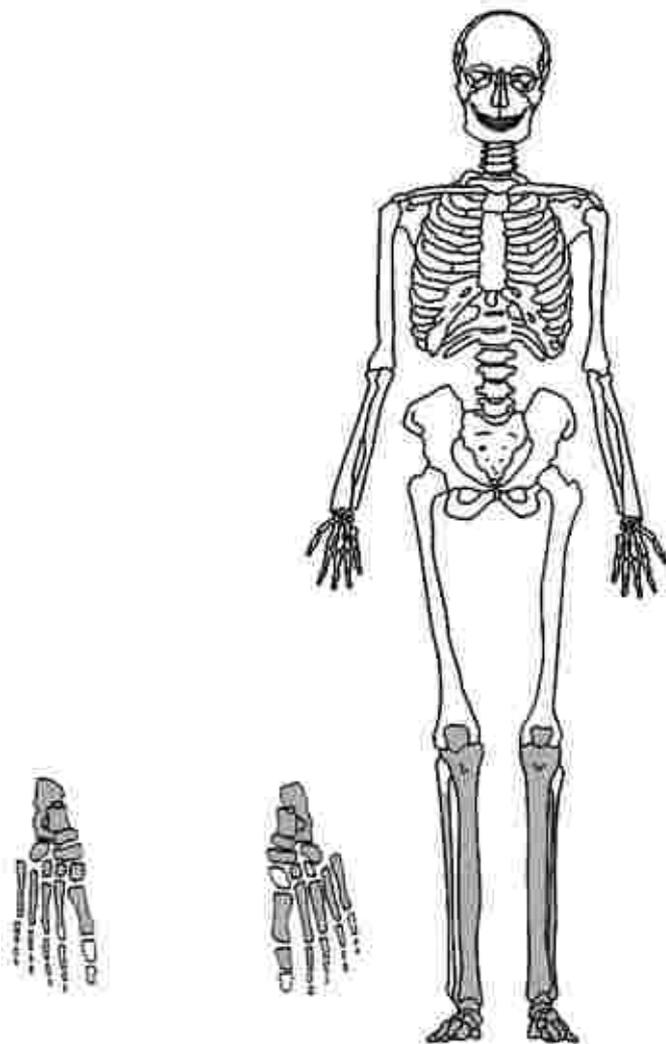
Burial Position and Details:

Plan No: 23C

Area No: 15

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The feet were together.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 185: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 186A

Middle Adult

Probable Male

Burial Position and Details:

Plan No: 23D

Area No: 15

SW-NE orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm was extended with the left hand positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	N/P	N/P	N/P	N/P	N/P	N/P	1	2	N/P							
Period. Dis.	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	N/P	N/P	0	0	N/P							
Cyst	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
Abscess	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
Caries	N/P	N/P	N/P	N/P	N/P	N/P	N/P	1	2	N/P							
Calculus	N/P	N/P	N/P	N/P	N/P	N/P	N/P	1	1	N/P							
	N/P	N/P	N/P	N/P	N/P	N/P	N/P	1	1	N/P							
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	N/P	N/P	N/P	N/P	N/P	1	2	1		1	1	1	1	1	1	1	1
Calculus	N/P	N/P	N/P	N/P	N/P	1	N/P	2		2	1	1	1	1	0	1	1
Caries	N/P	N/P	N/P	N/P	N/P	0	N/P	0		0	0	0	0	0	2	0	0
Abscess	N/P	N/P	N/P	N/P	N/P	N/P	0	0		0	N/R	N/R	0	0	0	0	0
Cyst	N/P	N/P	N/P	N/P	N/P	N/P	0	0		0	N/R	N/R	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	0	N/P	0		0	0	0	0	0	0	0	0
Period. Dis.	N/P	N/P	N/P	N/P	N/P	N/P	0	0		0	N/R	N/R	0	0	0	0	0
Attrition	N/P	N/P	N/P	N/P	N/P	2	N/P	1		1	1	2	1	1	3	3	2

Dental Disease

Caries

Tooth 26: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 27: Medium carious lesion present at the medial aspect at the neck penetrating the pulp cavity

Tooth 36: Medium-sized carious lesion present on the occlusal surface penetrating the pulp cavity

Post Cranial Pathology

Infection

Reactive Bone Formation

SK186A exhibits periosteal reactive lesions at 5 unnumbered right rib fragments. Reactive bone deposits in the form of woven bone are present on the visceral surfaces of four of the affected rib fragments with sclerotic bone on the visceral surface of one of the rib fragments. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 186A: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition
Infection Non-specific: reactive bone deposits

SK 186B

Adult

Sex Not Recordable

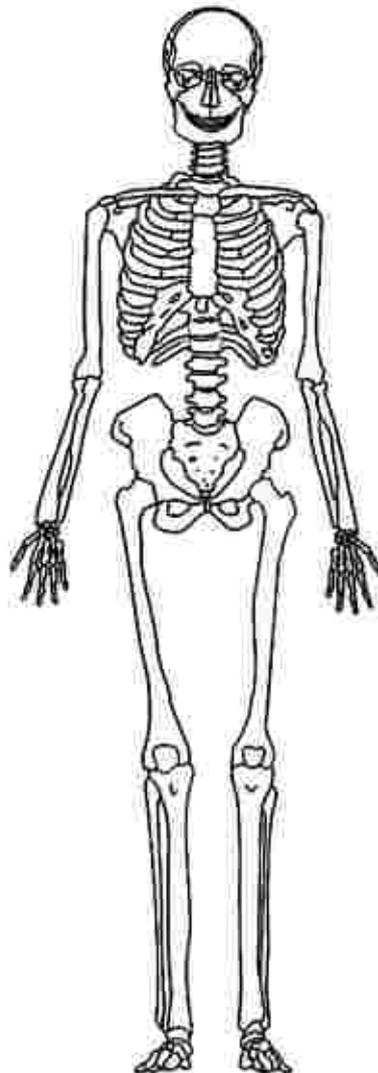
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 186B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 189

Old Adult

Male

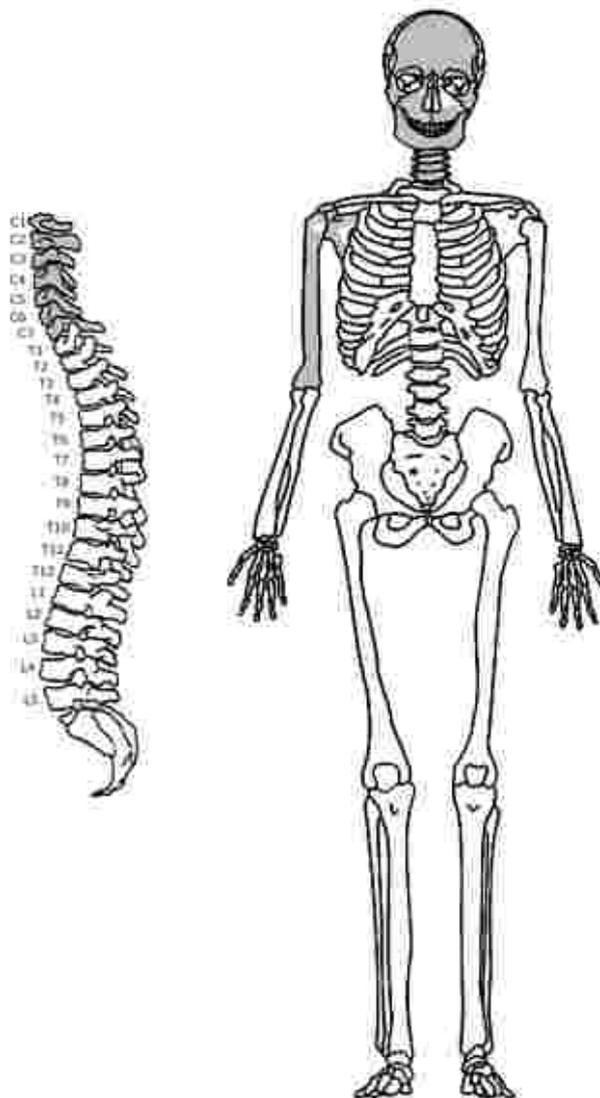
Burial Position and Details:

Plan No: 23C

Area No: 15

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	3	3	3	3	3	3	N/P	N/P	3	N/P	3	3	3	3	3	3
Period. Dis.	2	2	2	1	0	N/R	N/R	N/P	N/P	N/R	1	1	1	3	N/P	N/P
E.Hypoplasia	0	0	0	0	0	0	N/P	N/P	0	N/P	0	0	0	0	0	0
Cyst	0	0	1	0	0	0	N/R	N/P	N/P	N/R	0	0	0	1	N/P	N/P
Abscess	0	0	0	0	0	0	N/R	N/P	N/P	N/R	0	0	0	0	N/P	N/P
Caries	0	0	2	0	0	0	N/P	N/P	0	N/P	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	N/P	N/P	1	N/P	1	1	1	1	1	1
	1	1	1	1	1	1	2	N/P	1	2	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	3	1	2	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	N/R	1	N/P	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	N/R	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/R	0	N/P	0	0	0	0	0	0	0
Period. Dis.	2	2	2	1	1	1	0	1	0	N/R	1	1	1	2	2	2
Attrition	2	2	3	2	2	2	N/R	2	N/P	2	2	2	2	3	3	2

Dental Disease

Abscess/ Cyst

Tooth 16: Abscess/ cyst present at apex of tooth root; an associated oro-antral fistula is exhibited on the floor of the maxillary sinus

Tooth 26: Abscess/ cyst present at apex of tooth root; an associated sinus is exhibited on the buccal aspect of maxilla with associated periostitis

Cranial Pathology

Infection

Maxillary Sinusitis

Periosteal inflammatory lesions presenting as two patches of sclerotic bone are observable on the floor of the maxillary sinus cavity. Sclerosis of these lesions indicates a degree of healing took place before the time of death.

SK 189: Palaeopathological Summary and Differential Diagnoses

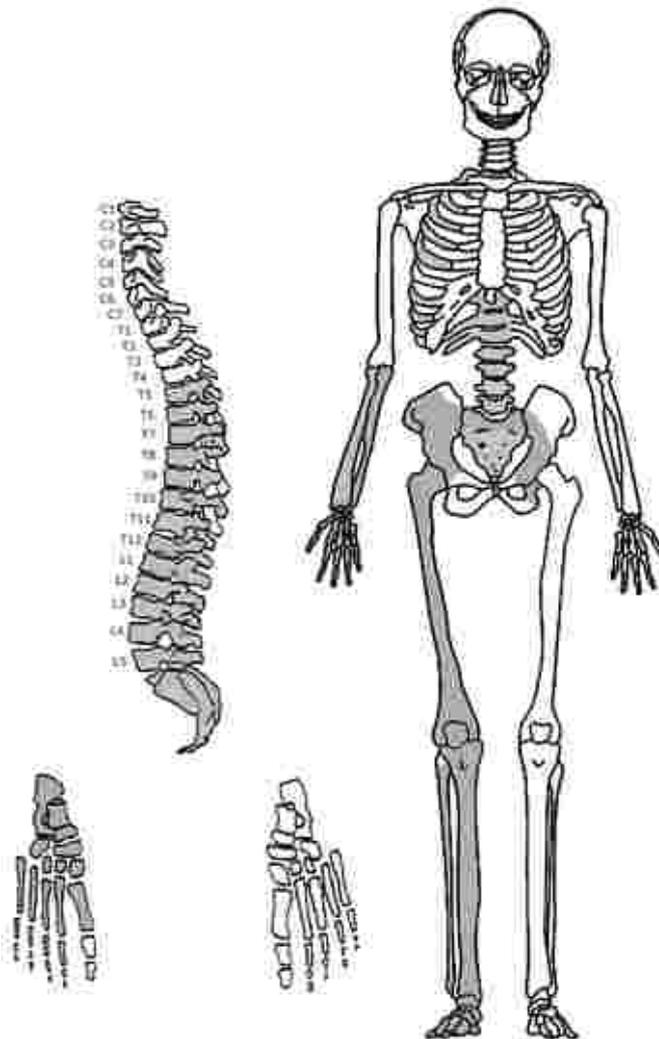
<i>Dental</i>	Abscess/Cyst, periodontal disease, calculus, caries, dental attrition, oro- antral fistula
<i>Infection</i>	Maxillary sinusitis

SK 190**Middle Adult****Male: 166.51 ± 2.99 cm****Burial Position and Details:**

Plan No: 23D

Area No: 15

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended with the feet crossing.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Joint

SK190 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	1 x Right Costal Facets

SK 190: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 193

Middle Adult Male

Burial Position and Details:

Plan No: 31F

Area No: 10

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Schmorl's Nodes

Schmorl's nodes of moderate expression present at the vertebral bodies of T9 and T10. Schmorl's nodes of mild expression are present at the vertebral bodies of T12, L3 and L4. A final schmorl's node of marked expression is present at the vertebral body of T11.

Intervertebral osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the inferior vertebral bodies of T11, T12 and L1.

Congenital

Cranial border shift

Lumbarisation of T12 is observable.

SK 193: Palaeopathological Summary and Differential Diagnoses

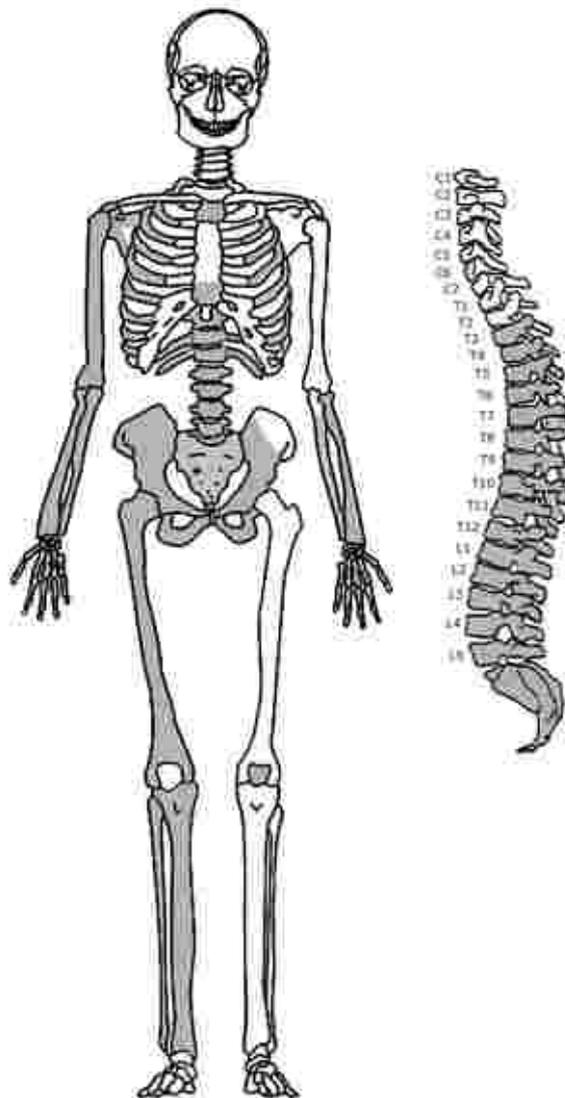
<i>Vertebral</i>	Schmorl's nodes, intervertebral osteochondrosis
<i>Congenital</i>	Cranial border shift

SK 194**Young Adult****Male: 165.21 ± 2.99 cm****Burial Position and Details:**

Plan No: 23C

Area No: 10/15

W-E orientation; simple, extended supine burial of moderate completeness and poor preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. The right leg was extended.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 4

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T3	0	0	0	0	0	0	N/R	0	0	0	0	0
T4	0	0	0	0	0	0	N/R	0	0	0	0	0
T5	5	5	0	0	0	0	0	0	0	0	N/R	0
T6	5	5	0	0	0	0	0	0	0	0	0	N/R
T7	5	5	0	0	0	0	0	0	0	N/R	0	N/R
T8	5	5	0	0	0	0	N/R	0	0	0	0	N/R
T9	5	5	0	0	0	0	0	0	0	0	0	N/R
T10	5	0	0	0	0			0	0	0		
T11	5	5	0	0	0			0	0	0		
T12	5	0	0	0	4			0	0	0		
L1	0	5	0	0				0	0			
L2	5	5	0	0				0	0			
L3	0	5	0	0				0	0			
L4	5	5	0	N/R				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of T5, T6, T7, T8, T9, T11, L1, L2, L3 and L4. Schmorl's nodes of mild expression are present at the vertebral bodies of T10 and T12.

SK 194: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 195

Young Adult

Female: 150.6 ± 3.55 cm

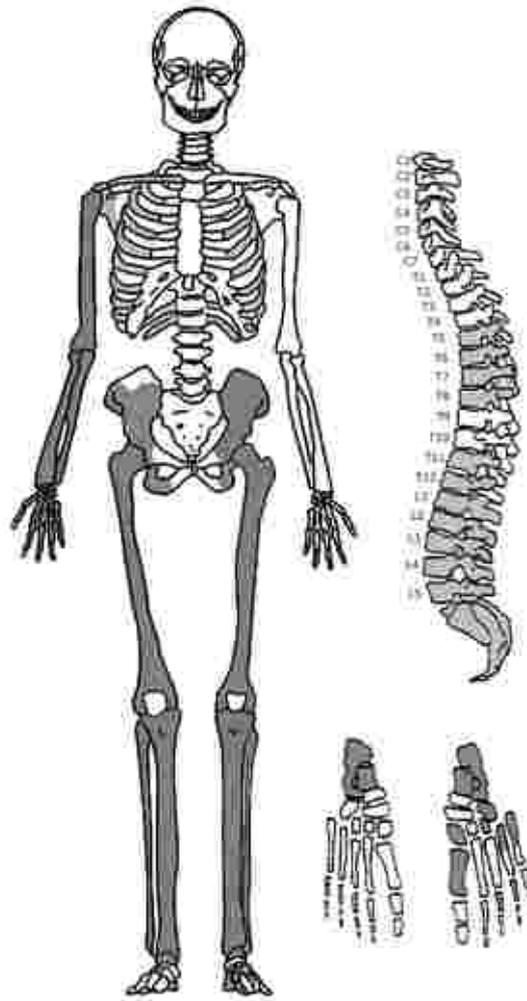
Burial Position and Details:

Plan No: 23D

Area No: 10

W-E orientation; simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Joint

SK195 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets 2x Right Costal Facets
<i>Wrist</i>	Surface osteophytes	Right scaphoid

Trauma

Partial Fracture with secondary traumatic arthritis

The left calcaneus exhibits a healed crush fracture at the sustentaculum tali (point of articulation with the cuboid) with associated secondary traumatic osteoarthritis. The fracture line is clearly discernible with associated sclerotic callus formation. Arthritic changes are exhibited in the form of polish only eburnation at the sustentaculum tali.

SK 195: Palaeopathological Summary and Differential Diagnoses

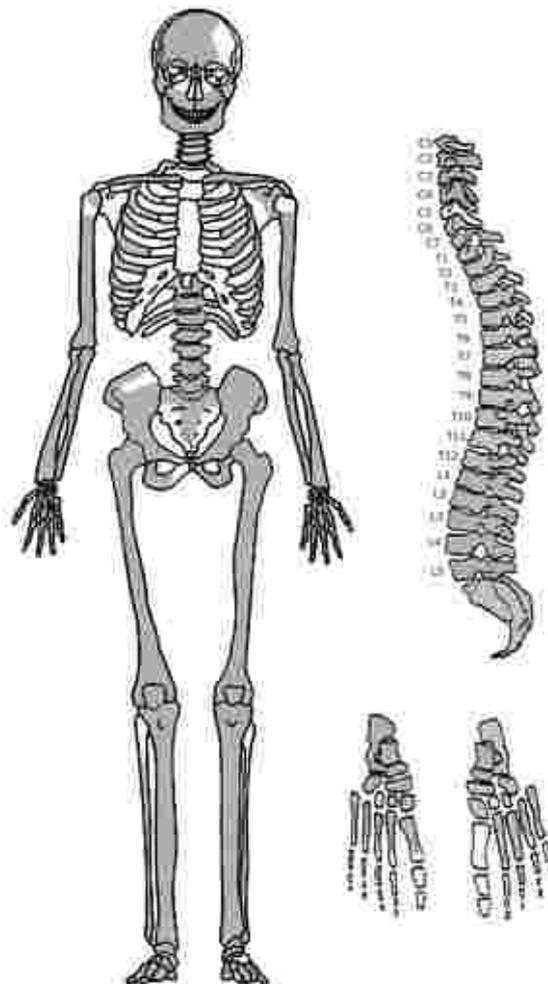
Joint DJD, Traumatic osteoarthritis
Trauma Partial Fracture

SK 197**Middle Adult****Male: 166.5 ± 3.55 cm****Burial Position and Details:**

Plan No: 23D

Area No: 15

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. Both arms were extended with the left hand positioned over the pelvic region and the right hand by the side of the body. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Dentition

Attrition	2	N/P	3	N/P	2	1	1	N/P	N/P	N/P	1	1	3	3	2	1
Period. Dis.	N/R	0	3	0	N/R	N/R	N/R	0	0	0	N/R	2	N/R	0	0	N/R
E.Hypoplasia	0	N/P	0	N/P	0	0	0	N/P	N/P	N/P	0	0	N/R	0	0	0
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	N/P	0	N/P	0	0	0	N/P	N/P	N/P	0	1	3	0	0	0
Calculus	1	N/P	2	N/P	1	1	1	N/P	N/P	N/P	1	1	N/R	1	1	1
	1	2	1	2	1	1	1	2	2	2	1	1	5	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1
Calculus	3	2	N/P	1	1	1	1	1	1	1	1	1	1	N/P	2	1
Caries	0	0	N/P	0	0	0	0	0	0	0	0	0	0	N/P	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	N/P	0	0	0	0	0	0	0	0	0	0	N/P	0	0
Period. Dis.	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0
Attrition	1	2	N/P	2	1	1	2	2	2	2	1	1	1	N/P	2	1

Dental Disease

Caries

Tooth 24: Medium-sized carious lesion present on distal aspect of neck of tooth

Tooth 25: Tooth crown has been completely eroded by carious lesion

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate sector of the left orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	4	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	3	N/R	N/R				0	0			
T1	0	0	0	N/R	0	0	N/R	0	N/R	0	0	0
T2	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R	0
T3	N/R	3, 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	N/R	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T5	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T6	3, 5	5	N/R	N/R	0	0	N/R	N/R	N/R	0	4	N/R
T7	3	3, 5	0	0	0	0	N/R	0	N/R	N/R	N/R	N/R
T8	0	3, 4, 5	0	0	0	0	N/R	0	0	0	N/R	N/R
T9	3, 4	5	0	N/R	0	N/R	N/R	0	N/R	4	N/R	N/R
T10	5	5	0	N/R	4			N/R	N/R	4		
T11	5	0	0	N/R	4			N/R	N/R	N/R		
T12	5	0	N/R	0	0			0	0	3		
I 1	0	5	0	0				0	0			
I 2	N/R	0	0	0				0	0			
L3	3, 5	0	3	0				0	0			
L4	N/R	0	3	0				0	3			
L5	0	0	0	3				3	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T7, T8, T9, T10, T11, L1 and L3. Schmorl's nodes of moderate expression are present at the vertebral body of T12.

Joint

SK197 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Sternoclavicular</i>	Surface porosity, marginal osteophytes	Left and Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head
<i>Ribs</i>	Surface porosity	1x Right Costal Facet
<i>Elbow</i>	Periarticular resorptive foci, marginal osteophytes	Left proximal ulna Right proximal ulna
<i>Wrist</i>	Marginal osteophytes	Right distal radius
<i>Hip</i>	Periarticular resorptive foci and surface porosity	Right Acetabulum
<i>Foot</i>	Marginal osteophytes, surface porosity	Left

Congenital

Multiple Osteochondromas

SK197 exhibits extensive bilateral exostoses affecting primarily the long-bones, hands and feet. These lesions are indicative of the hereditary condition multiple osteochondromas.

The exostoses present at the following skeletal element: left and right clavicles, right scapula, left and right humeri, left and right radii, the 1st, 2nd and 5th left MCs, the 1st, 2nd and 3rd left proximal hand phalanges, 3 left intermediate hand phalanges, the 1st and 5th right MCs, the 1st, 3rd, 4th and 5th proximal right hand phalanges, 3 intermediate left hand phalanges, the left and right ilium, the left and right femora, left and right tibiae, left and right fibulae, left and right calcaneus, left and right MT2, MT3, MT4 and MT5.

Bilateral bowing of the right and left ulna is also observable.

SK 197: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition

Vertebral Schmorl's nodes
Joint DJD
Metabolic CO
Congenital Multiple osteochondromas

SK 198

Middle Adult

Male: 174.22 ± 3.27 cm

Burial Position and Details:

Plan No: 24

Area No: 7

Orientation not specified: simple, extended supine burial of good completeness and good preservation. The hands were positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	3	3	3	3	3	3	3	N/R	N/R	3	3	N/R	3	N/R	3	N/R
Period. Dis.	0	0	0	0	0	0	0	N/R	N/R	0	0	1	0	0	1	N/R
E.Hypoplasia	0	0	N/R	N/R	0	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	1	0	0	0	0	N/R	N/R	0	0	1	0	N/R	0	N/R
Caries	0	0	0	0	0	0	0	N/R	N/R	0	0	N/R	0	N/R	0	N/R
Calculus	1	1	0	1	1	1	1	N/R	N/R	1	1	N/R	0	N/R	1	N/R
	1	1	1	1	1	1	1	2	2	1	1	2	1	4	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1
Calculus	1	1	N/R	1	1	0	0	N/R	N/R	N/R	1	1	1	1	1	1
Caries	0	0	N/R	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	N/R	0	1	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0
Period. Dis.	1	1	N/R	1	1	1	0	N/R	N/R	N/R	1	1	1	1	1	1
Attrition	1	3	N/R	2	2	3	3	N/R	N/R	N/R	3	3	1	2	3	3

Dental Disease

Antemortem Tooth Loss

SK198 exhibits antemortem tooth loss of an upper 1st molar. Complete secondary resorption of the alveolar process at the affected tooth site has occurred.

Abscess, Cyst

Tooth 16: Abscess present at the apex of the distal root on the buccal surface of the alveolar bone.

Tooth 24: Abscess present at the apex of the root on the buccal surface of the alveolar bone.

Tooth 46: Small cyst present on the buccal surface of the alveolar bone.

Enamel Hypoplasia

Tooth 44: 1 hypoplastic groove present; 2.31mm from the cemento-enamel junction.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	4	0	0				0	0			
C7	4	0	0	0				0	0			
T1	0	0	0	0	4	0	N/R	0	0	0	0	N/R
T2	0	0	0	0	0	0	3	0	0	0	0	3
T3	0	0	0	0	0	0	3	0	0	0	0	N/R
T4	0	0	0	0	0	0	3	0	0	0	0	0
T5	3	0	0	0	0	0	N/R	0	0	0	N/R	0
T6	0	0	0	0	0	3	0	0	0	0	0	N/R
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	0	0	0	0	0	3	0	0	0	0	0
T9	0	0	0	0	0	0	3	0	0	0	3	3
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	4			0	0	0		
T12	3	3	0	0	0			0	0	3,4		
I 1	3	3	0	0				0	0			
L2	3	3, 4	0	0				0	0			
I 3	3	0	0	0				0	0			
I 4	3	3	3	0				3	0			
L5	0	3	3	0				3	0			

Trauma

Musculo-Skeletal stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the right and left patellae.

*Infection**Reactive Bone Formation*

Reactive bone deposits in the form of sclerotic bone are present at the visceral surfaces of 3 left rib fragments. Sclerosis of these lesions indicates healing took place before the time of death.

Joint

SK198 exhibits pathological lesions indicative of degenerative joint disease and/ or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity, marginal osteophytes	Left Temporal and mandibular condyle
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle and acromion process
<i>Sternoclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Left Glenoid fossa Right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes, eburnation	Left 1 st , 11 th and 12 th Rib heads 5x Left Costal Facets 4x Right Costal Facets
<i>Wrist</i>	Marginal osteophytes	Left trapezium
<i>Hand</i>	Marginal osteophytes, surface porosity	Left MC1, 1 st proximal phalanx (proximal articular surface) and intermediate phalanx
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Left Acetabulum Right Acetabulum

Congenital

Congenital Absent Xiphisternal Joint

The xiphisternal joint appears to be congenitally absent.

SK 198: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Enamel hypoplasia, dental abscess/cyst, periodontal disease, calculus, dental attrition
<i>Joint</i>	DJD, Osteoarthritis
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Trauma</i>	Vertical enthesophyte formation
<i>Congenital</i>	Absence of xiphisternal joint

SK 200

Young Adult

Male: 173.51 ± 3.27 cm

Burial Position and Details:

Plan No: Not specified

Area No: 7

Orientation not specified: simple, extended burial on right side of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T2	0	0	0	0	0	0	0	0	0	0	0	N/R
T3	0	0	0	0	0	N/R	0	0	0	0	0	N/R
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	5	5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T6	5	5	0	0	0	0	0	0	0	0	0	N/R
T7	5	5	0	0	0	0	0	0	0	0	0	N/R
T8	5	5	0	0	0	0	0	0	0	0	0	N/R
T9	5	5	0	0	0	0	N/R	0	0	0	0	0
T10	0	5	0	0	0			0	0	0		
T11	5	5	0	N/R	0			N/R	N/R	0		
T12	5	5	0	3	0			0	0	0		
L1	5	5	0	0				0	0			
L2	5	5	0	0				0	0			
L3	5	5	0	0				0	0			
L4	5	5	0	0				0	0			
L5	5	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T5, T6, T7, T9, T10, T12, L1, L2, L3, L4 and L5. Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T8, T12 and L3. Schmorl's nodes of marked expression are present on the vertebral bodies of L1 and L2.

SK 200: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 201

Adult

Sex Not Recordable

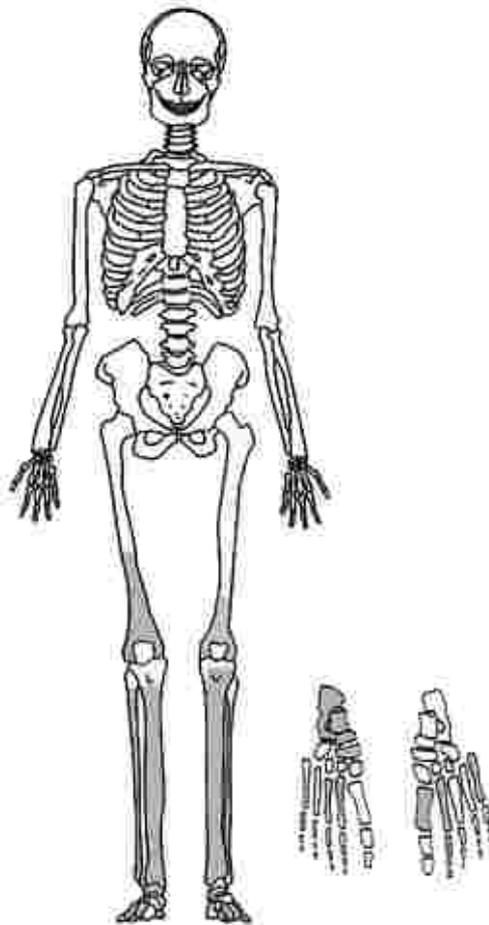
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 201: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis

SK 203

Adult

Sex Not Recordable

Burial Position and Details:

Plan No: 23D

Area No: 15

Orientation not specified: simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%
 Approximate Fragmentation: 75-100%
 Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
T8	4	4	0	N/R	0	0	N/R	0	N/R	N/R	0	N/R
T9	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	3	N/R	N/R	N/R
T10	N/R	N/R	0	0	N/R			3	0	N/R		
T11	4	4	0	0	0			0	0	0		
T12	4	4	0	0	0			0	0	4		
L1	4	4	0	0				0	0			
L2	4	4	0	0				0	0			
L3	4	4	0	0				0	0			

Congenital

Cranial Border Shift

Lumbarisation of T12 is observable. T11 also mimics the morphology of T12.

SK 203: Palaeopathological Summary and Differential Diagnoses

Congenital Cranial border shift

SK 204

Middle Adult

Female: 156.89 ± 3.57 cm

Burial Position and Details:

Plan No: 23D

Area No: 15

W-E orientation; simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Infection

Reactive Bone Formation

Reactive bone deposits in the form of sclerotic bone are present at the visceral surfaces of four right ribs and a further four unisided rib fragments. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Trauma

Fracture

A fracture is present at the midshaft of the left clavicle. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus bone formation is also observable. Malunion of the fracture has resulted in inferior displacement of the fractured end of the bone shaft.

Joint

SK 204 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity, marginal osteophytes	Left and right clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Left glenoid fossa
<i>Ribs</i>	Marginal osteophytes	3x Left Costal Facets 5x Right Costal Facets
<i>Hand</i>	Marginal osteophytes, eburnation, surface osteophytes	Left scaphoid, trapezium, MC1, 2 proximal and 5 distal phalanges Right MC1

SK 204: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis, DJD
Infection Non-specific: reactive bone deposits
Trauma Fracture

SK 207

Young-Middle Adult

Male

Burial Position and Details:

Plan No: Not specified

Area No: 7

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The skull was positioned on the left side with left arm was extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	3	N/P	N/P	N/P	N/P										
Period. Dis.	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P										
Cyst	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Abscess	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Caries	N/P	0	N/P	N/P	N/P	N/P										
Calculus	N/P	0	N/P	N/P	N/P	N/P										
	N/P	N/P	N/P	2	2	2	2	2	2	2	2	1	2	4	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	1	2	2	1	1	1	2	1	1	1	2	2	2	1	1
Calculus	N/P	1	N/P	N/P	1	1	1	N/P	2	1	2	N/P	N/P	N/P	1	1
Caries	N/P	0	N/P	N/P	0	0	0	N/P	0	0	0	N/P	N/P	N/P	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	N/P	N/P	0	0	0	N/P	0	0	0	N/P	N/P	N/P	0	0
Period. Dis.	0	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/P	3	N/P	N/P	2	2	3	N/P	3	2	2	N/P	N/P	N/P	2	2

Dental Disease

Antemortem Tooth Loss

SK 207 exhibits antemortem tooth loss of an upper 1st molar. Complete secondary resorption of the alveolar process at the affected tooth site has occurred.

Unusual dental attrition pattern

Tooth 47 exhibits an unusual dental-wear pattern whereby the buccal aspect of the two roots have been worn and have a polished appearance.

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Trauma

Blunt-force trauma

A healed depression fracture is present at the posterior left parietal. The lesion is ovular in shape measuring 45.31mm anterior-posterior and 27.14mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

Neoplastic

Button Osteoma

A button osteoma (i.e. a small island of ivory-like lamellar bone) is present at the left frontal.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	4			
C3	0	3, 4	0	0				4	0			
C4	3, 4	4	0	0				0	0			
C5	0	3, 4	0	0				3	0			
C6	0	3, 4	0	0				0	0			
C7	0	0	0	0				0	3			
T1	0	0	0	3	2, 3, 4	0	0	3	0	0	0	0
T2	0	0	3	0	0	N/R	0	0	0	0	0	N/R
T3	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T4	0	0	0	3	0	N/R	0	N/R	0	0	0	N/R
T5	3	0	0	0	4	0	0	0	0	4	0	0
T6	0	3, 4	0	3, 4	3, 4	3	0	0	0	4	0	N/R
T7	3	3, 4	3, 4	0	3, 4	0	0	0	0	3, 4	0	0
T8	4	4	0	0	3	N/R	0	0	0	4	0	3
T9	3, 4	3, 4	0	0	4	0	0	0	0	3, 4	0	N/R
T10	3, 4, 5	3, 4	0	3, 4	0	3, 4	3	3, 4	0	N/R		
T11	3, 4	4	0	0	4		3	0	0	4		
T12	0	5	0	0	3, 4			0	0	3, 4		
L1	0	0	N/R	0				0	3, 4			
L2	3, 4, 5	3, 4	0	0				0	0			
L3	3, 4	3, 4, 5	0	0				0	0			
L4	3, 4	4	0	N/R				N/R	N/R			
L5	N/R	N/R	N/R	N/R				0	0			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of T10. Schmorl's nodes of marked expression are present at the vertebral bodies of T12, L2 and L3.

Osteoarthritis

SK 207 exhibits pathological lesions indicative of osteoarthritis at the right superior costal facet of T1 in the form of eburnation, surface porosity and marginal osteophyte formation.

Joint

SK 207 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Left Clavicle and acromion process
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Left Glenoid fossa and Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes, eburnation	Left 1 st Rib head 4x Left Rib heads 3x Right Rib heads
<i>Wrist</i>	Marginal osteophytes	Right 1 st rib head Left distal radius

SK 207: Palaeopathological Summary and Differential Diagnoses

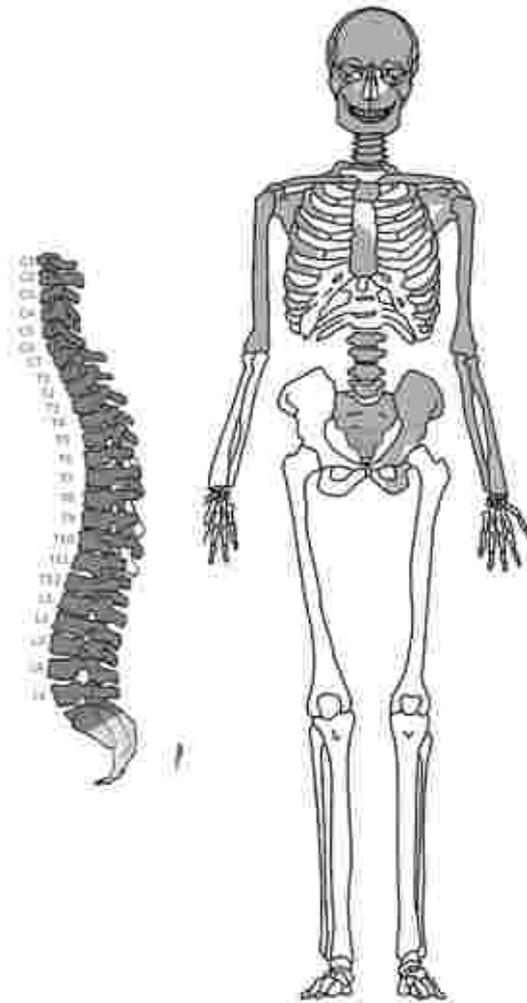
<i>Dental</i>	Antemortem tooth loss, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, DJD, Osteoarthritis
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	Porotic Hyperostosis
<i>Trauma</i>	Depression fracture
<i>Neoplastic</i>	Button osteoma

SK 208**Young Adult Male****Burial Position and Details:**

Plan No: Not specified

Area No: 7

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned on the right side facing south. The left arm was extended with the hands positioned over the pelvic region. An iron arrow head was recovered from the rib region of SK 208 during post-excavation processing.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	2	3	1	2	1	2	2	2	2	2	2	2	3	2	1
Period. Dis.	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0
Period. Dis.	0	0	0	1	1	2	1	1	1	2	2	1	1	0	0	0
Attrition	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

Dental Disease

Enamel Hypoplasia

Tooth 33: 1 hypoplastic groove present; 4.67mm from the cemento-enamel junction

Tooth 34: 1 hypoplastic groove present; 5.18mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 5.01mm from the cemento-enamel junction

SK 208: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition, enamel hypoplasia

SK 209

Young Adult

Female: 155.75 ± 3.55 cm

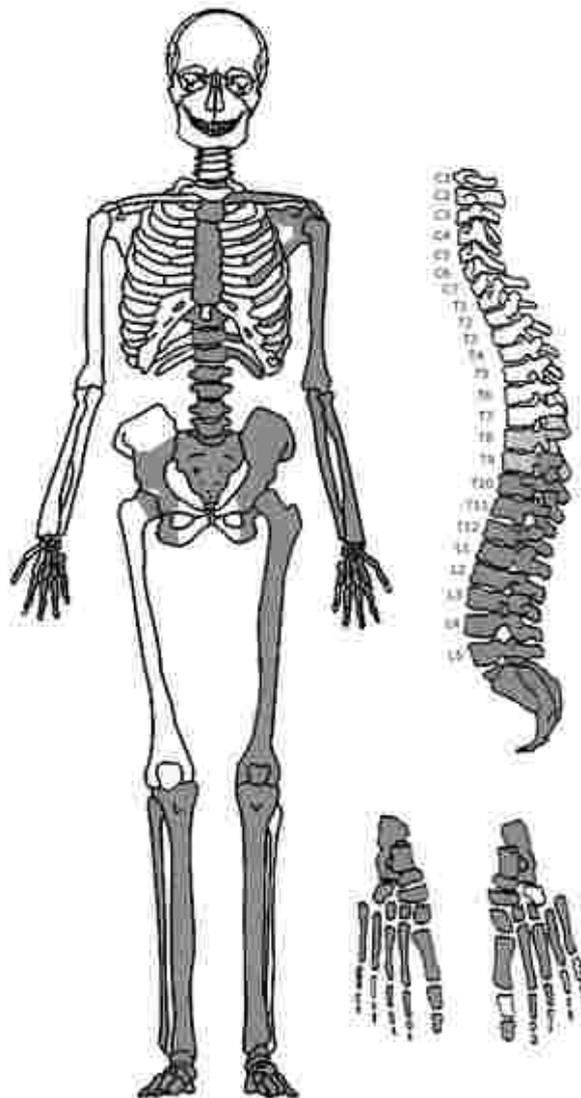
Burial Position and Details:

Plan No: Not specified

Area No: 7

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T8	0	0	N/R	0	0	N/R	N/R	0	0	0	0	N/R
T9	0	0	0	0	N/R	0	N/R	0	0	0	0	N/R
T10	0	5	0	0	0			0	0	0		
T11	3	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	3, 5	3, 4	0	0				0	0			
L3	3, 4, 5	3	0	0				0	0			
L4	3, 4	0	3	0				0	0			
L5	3, 4	4	0	0				3	3			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T10 and L2. A

Schmorl's node of moderate expression is present at the vertebral body of L3.

SK 209: Palaeopathological Summary and Differential Diagnoses

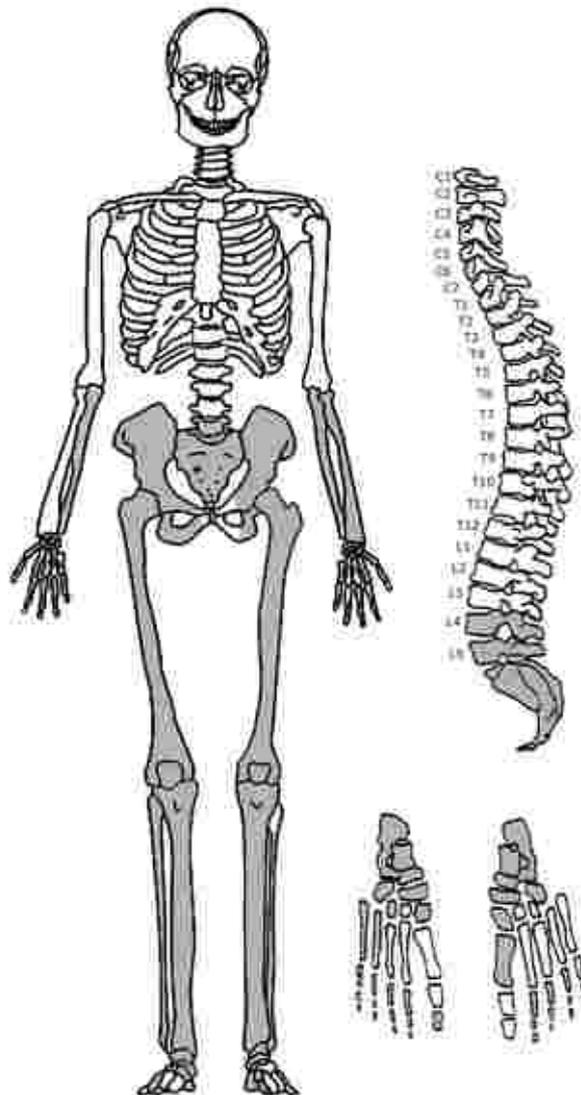
Vertebral Schmorl's nodes

SK 211**Middle Adult****Male: 165.7 ± 3.27 cm****Burial Position and Details:**

Plan No: 22

Area No: 15

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 211: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 213

Middle Adult

Male: 164.69 ± 2.99 cm

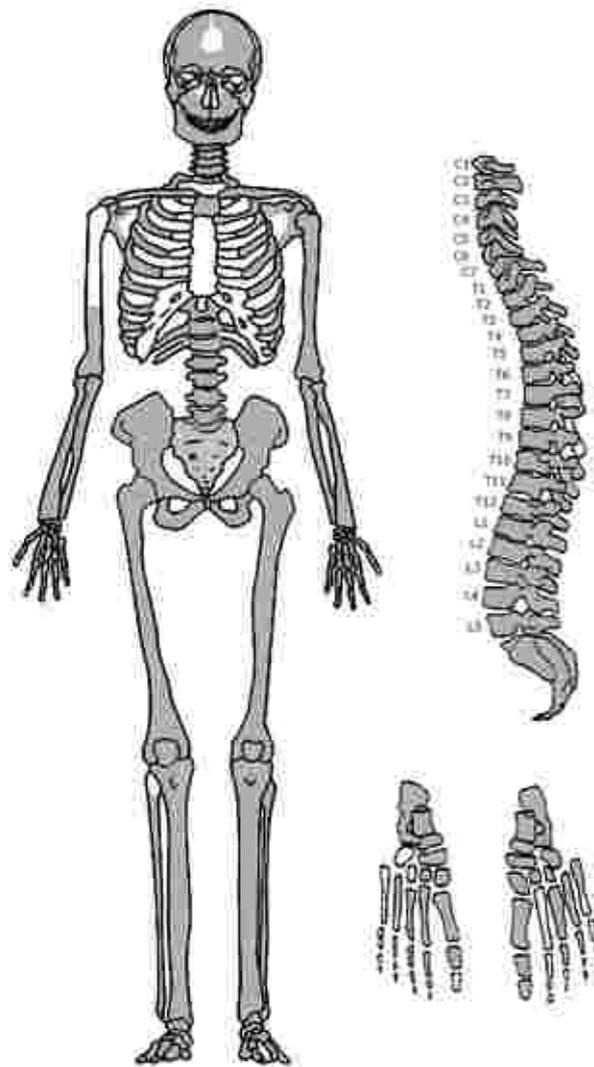
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	1	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	3	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	0	0	N/R	0	0	N/R	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	0	N/R
T6	0	0	0	0	0	0	N/R	0	0	0	0	0
T7	5	5	0	0	0	0	0	0	0	0	0	3
T8	5	3, 5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	3, 5	3, 5	0	0	0	0	3	0	0	0	0	0
T10	3, 5	3, 5	0	0	0			N/R	4	0		
T11	3	3, 5	0	0	0			0	0	0		
T12	5	3, 5	0	0	4			0	0	0		
L1	3, 5	3	0	0				0	0			
L2	3, 5	0	0	0				3	0			
L3	3	3	0	0				0	0			
L4	3	0	3	3				3	0			
L5	3	0	3	2, 3, 4				3	3			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T8, T9, T10, T12 and L2. Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T9, T10, T11 and T12. A Schmorl's node of marked expression is present at the vertebral body of L1.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right superior apophyseal facet of S1 in the form of surface porosity, marginal osteophytes and eburnation and at the right inferior apophyseal facet of L5.

*Infection**Reactive Bone Formation*

A reactive bone deposit in the form of sclerotic bone is present at the posterior-lateral aspect of the left ilium. Sclerosis of this lesion indicates healing took place before the time of death.

*Congenital**Bifid spinous process*

S1 exhibits a bifid spinous process.

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hip</i>	Surface porosity, marginal osteophytes, Periarticular resorptive foci	Left and right femora Acetabula

SK 213: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, Osteoarthritis
<i>Joint</i>	DJD, Osteoarthritis
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Congenital</i>	Bifid spinous process

SK 215

Middle Adult

Male: 179.38 ± 2.99 cm

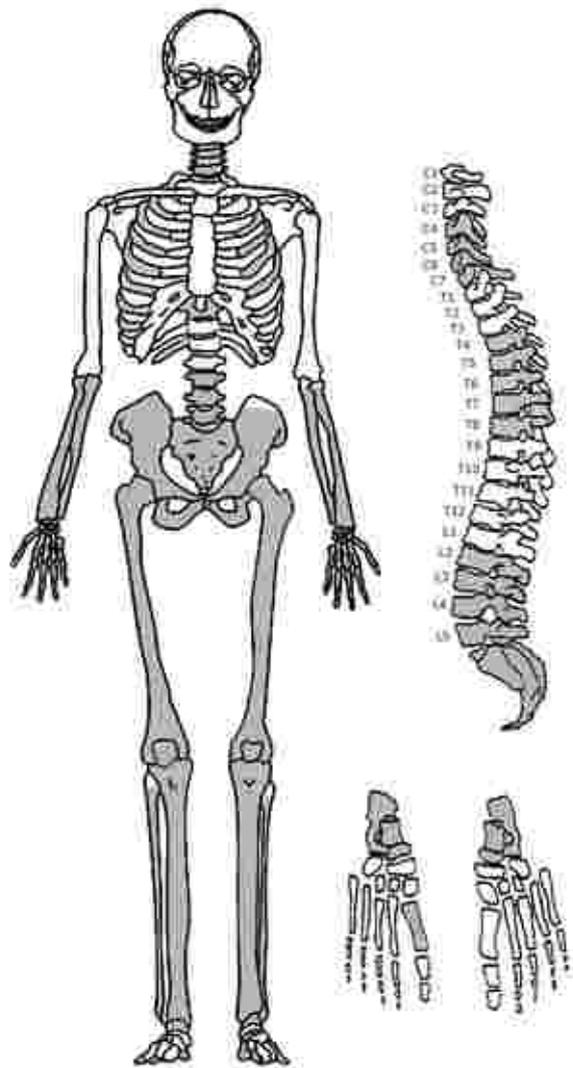
Burial Position and Details:

Plan No: 22A

Area No: 8

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of L2 and L3.

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of L1-L5.

Infection

Reactive Bone Formation

SK 215 exhibits extensive periosteal reactive lesions of the lower long-bones. Sclerotic bone is present at the posterior aspect of the distal shaft of the left and right femora and along the entire antero-lateral length of the left and right tibiae. An extensive mixed reaction of both woven and sclerotic bone is present circumferentially along the entire length of the shafts of the left and right fibulae.

Joint

Enthesophyte Formation

Extensive vertical enthesophyte formations indicative of musculo-skeletal are present at the distal right and left tibial and fibular shafts.

SK215 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

Joint Lesion Type(s)

Affected Skeletal Element(s)

Elbow Surface porosity

Right radial tuberosity

Hip Surface porosity, marginal osteophytes

Left Acetabulum and femoral head

Right Acetabulum and femoral head

Congenital

Cleft Neural Arch Defect

A cleft neural arch defect is present at the level of the 1st, 2nd and 4th sacral segments (S1, S2 and S4).

SK 215: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis
Joint DJD, Enthesophyte formation
Infection Non-specific: reactive bone deposits
Congenital Cleft neural arch defect

SK 216

Young Adult

Male: 166.64 ± 2.99 cm

Burial Position and Details:

Plan No: Not specified

Area No: 19

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both the arms and legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	1	1	0	1	1	0	N/R	N/R	N/R	1	0	0	3	N/R	1
Period. Dis.	1	1	1	1	1	1	1	N/R	N/R	N/R	1	1	1	2	1	1
E.Hypoplasia	0	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Caries	0	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	3	3	0
Calculus	1	1	2	2	2	1	1	N/R	N/R	N/R	2	2	2	2	N/R	2
	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Attrition	0	1	1	1	1	1	1	2	2	1	1	0	0	1	1	0

Dental Disease

Caries, Abscess

Tooth 26: Large carious lesion present on the distal aspect of the tooth; associated abscess on the anterior surface of the maxilla.

Tooth 27: Large carious lesion present which has eroded the tooth crown so that only the anterior root remains. Two associated abscesses are also present on the anterior and posterior aspect of the maxilla.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	N/R	4	N/R	N/R	4	0	N/R
T2	0	0	0	0	0	0	0	0	0	N/R	0	N/R
T3	0	0	0	0	N/R	N/R	0	N/R	0	N/R	0	N/R
T4	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T5	0	0	0	0	N/R	0	N/R	0	0	N/R	N/R	0
T6	0	0	0	N/R	0	N/R	N/R	0	0	N/R	N/R	0
T7	0	0	0	0	0	0	3,4	0	0	N/R	N/R	N/R
T8	0	0	0	0	0	0	N/R	0	0	0	0	0
T9	0	3	0	0	0	0	0	0	0	N/R	N/R	0
T10	3	0	0	0	0			0	0	0		
T11	0	0	4	0	4			0	0	0		
T12	0	0	0	0	4			0	0	4		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	N/R			
L3	3,4	3	0	N/R				N/R	N/R			
L4	3,4	0	0	N/R				N/R	N/R			
L5	0	0	3	0				0	0			

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of L3 and L4. Vertical syndesmophyte formation is also present at the superior vertebral body of L4.

Congenital

Cleft neural arch defect

A cleft neural arch defect is present at the level of all five sacral segments (S1-S5).

Non-union of posterior vertebral arch

C1 exhibits bilateral non-union of the posterior arch and the left and right transverse foramina.

SK 216: Palaeopathological Summary and Differential Diagnoses

Dental Caries, dental abscess/cyst, periodontal disease, calculus, dental attrition
Vertebral Intervertebral osteochondrosis
Congenital Cleft neural arch defect, Non-union of posterior vertebral arch

SK 217

Young Adult

Female

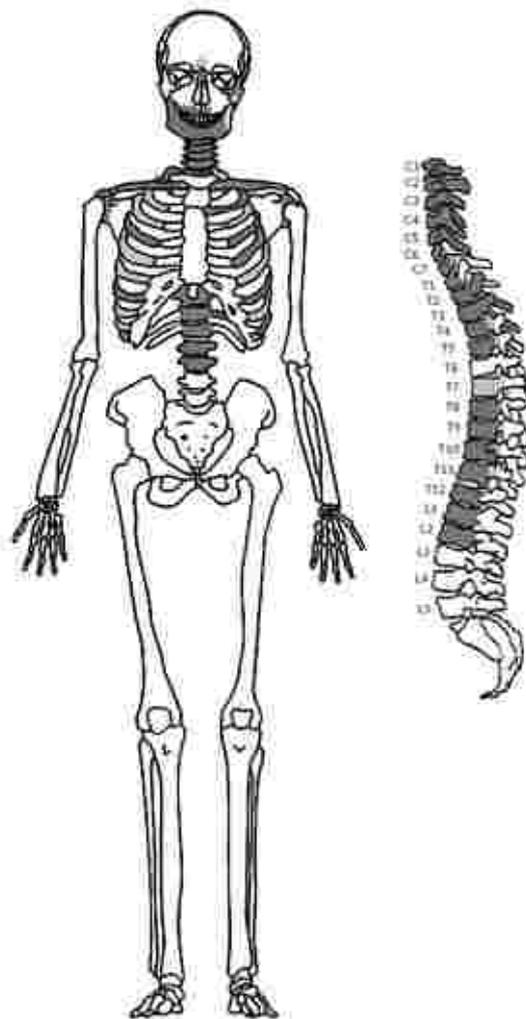
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Period. Dis.	N/P	N/P	0	0	0	0	0	N/R	N/P							
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Cyst	N/P	N/P	0	0	0	0	0	0	N/P							
Abscess	N/P	N/P	0	0	0	0	0	0	N/P							
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Calculus	N/R	0	0	1	0	1	1	2	2	1	1	1	1	1	1	N/P
Caries	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P
E.Hypoplasia	N/R	1	0	0	1	0	0	0	0	0	1	1	0	0	1	N/P
Period. Dis.	0	0	0	0	N/R	0	0	N/R	N/P							
Attrition	0	0	1	0	0	0	1	1	1	1	0	0	0	1	0	N/P

Dental Disease

Enamel Hypoplasia

Tooth 23: 3 hypoplastic grooves present; 2.46mm, 3.91mm and 5.66mm from the cemento-enamel junction respectively.

Tooth 25: 1 hypoplastic groove present; 2.45mm from the cemento-enamel junction.

Tooth 33: 4 hypoplastic grooves present; 3.02mm, 4.27mm, 4.31mm and 6.77mm from v respectively.

Tooth 34: 2 hypoplastic grooves present; 2.92mm and 4.08mm from the cemento-enamel junction respectively.

Tooth 37: 1 hypoplastic groove present; 1.97mm from the cemento-enamel junction

Tooth 44: 1 hypoplastic groove present; 4.16mm from the cemento-enamel junction

Tooth 47: 1 hypoplastic groove present; 2.82mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T10, T11, T12 and L1.

SK 217: Palaeopathological Summary and Differential Diagnoses

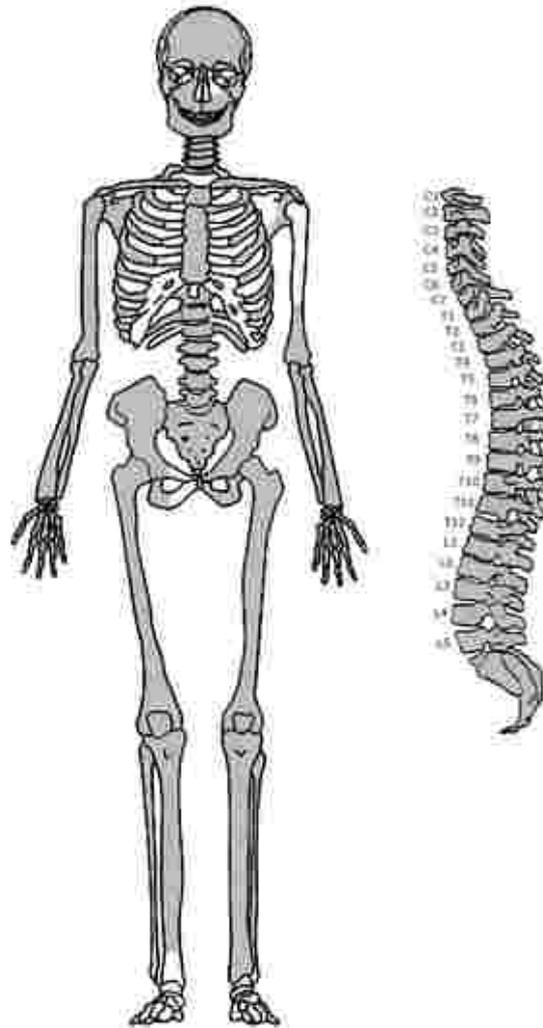
Dental Enamel hypoplasia, calculus, dental attrition
Vertebral Schmorl's nodes

SK 221**Young Adult****Male: 170.28 ± 2.99 cm****Burial Position and Details:**

Plan No: 35D

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	2	1	1	1	1	2	2	1	1	2	1	1	1	1	
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
Calculus		1	1	1	1	1	1	0	N/P	1	1	1	1	1	1	1	1
Caries		0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Period. Dis.		1	1	1	0	0	0	2	0	0	0	0	0	0	1	1	1
Attrition		2	2	2	1	1	1	1	N/P	2	2	2	2	2	2	2	2

Post Cranial Pathology

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5

SK 221: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition

Trauma Spondylolysis

SK 227

Young Adult

Female: 151.62 ± 3.55 cm

Burial Position and Details:

Plan No: 30A

Area No: 16

Orientation not specified: simple, extended supine burial of good completeness and good preservation. The left arm was extended. Both legs were extended. SK227 was found in association with the foetal remains of SK339 which were recovered from the pelvic region of SK227.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/R	1	1	1	0	0	0	0	0	0	0	0	0	1	1	N/P
Period. Dis.	N/R	0	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	N/P
E.Hypoplasia	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Calculus	N/R	0	0	0	1	1	1	1	1	1	1	1	1	1	1	N/P
	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	2	2	2	7	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	N/R	N/R	N/R	N/R	1	1	1	2	1
Caries	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0
Attrition	0	1	1	0	0	1	1	N/R	N/R	N/R	N/R	0	0	1	0	0

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

There is a diastema present between tooth 11 and 12 and tooth 21 and 22. A third diastema is present between Tooth 31 and 41. Tooth 28 is congenitally absent.

Delayed/ Non-eruption

Only partial eruption of Tooth 33 has occurred possibly as a result of overcrowding of the mandibular teeth or a developmental anomaly.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 3 (large and small isolated foramina) CO is exhibited in the antero-intermediate and middle-lateral sector of the left orbital roof and the antero-lateral, antero-intermediate and middle-lateral sector of the right orbital roof.

SK 227: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, diastema, delayed/non-eruption, congenitally absent 3rd molar
Metabolic CO

SK 231**Middle Adult****Female****Burial Position and Details:**

Plan No: 27

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. Both legs were extended. SK 231 was found in association with the infant remains of SK 402.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	N/R	1	2	3	N/R	N/R	N/R	N/R	N/R	3	3	3	3	3	N/R	N/P	
Period. Dis.	3	2	3	2	N/R	1	1	N/R	3	N/P							
E.Hypoplasia	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	1	0	0	0	N/R	N/P	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Caries	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/P	
Calculus	N/R	3	2	2	N/R	N/R	N/R	N/R	N/R	N/R	0	1	1	1	3	N/R	
		2	1	1	1	2	2	2	2	2	1	1	1	1	1	2	4
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		4	4	4	4	2	1	1	1	1	1	1	1	1	4	4	4
Calculus	N/P	N/P	N/P	N/P	N/R	2	2	2	2	1	1	1	1	1	N/P	N/P	N/P
Caries	N/P	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Abscess	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Cyst	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
E.Hypoplasia	N/P	N/P	N/P	N/P	N/R	1	0	0	0	0	0	1	0	0	N/P	N/P	N/P
Period. Dis.	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P									
Attrition	N/P	N/P	N/P	N/P	N/R	2	3	3	3	3	3	3	1	2	N/P	N/P	N/P

Dental Disease

Antemortem Tooth Loss

SK 231 exhibits antemortem tooth loss of a maxillary 3rd molar, the mandibular molars and a mandibular premolar. Complete secondary resorption of the alveolar process at the tooth sites of Tooth 28, 36, 37, 38, 47 and 48 has occurred: Only partial resorption of the tooth socket has occurred in the case of Tooth 45.

Enamel Hypoplasia

Tooth 22: 1 hypoplastic groove present; 2.10mm from the cemento-enamel junction

Tooth 33: 1 hypoplastic groove present; 3.91mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 3.88mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the medial-intermediate and middle-medial sector of the left orbital roof and the antero-lateral, antero-intermediate and middle-intermediate sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R.Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	3, 4	0	0				0	0			
C4	4	3, 4	0	0				0	0			
C5	3	3, 4	0	0				0	0			
C6	3, 4	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	N/R	N/R	N/R	0	0	N/R	N/R	4
T2	0	0	0	0	4	0	N/R	0	0	N/R	4	0
T3	0	0	0	0	0	0	0	0	0	0	N/R	N/R
T5	0	3	4	2, 3, 4	0	0	3	4	0	0	0	3
T6	0	0	2, 3, 4	0	0	4	0	4	4	0	N/R	N/R
T7	3	0	0	0	4	N/R	0	0	0	0	4	N/R
T8	3	0	4	0	4	N/R	3, 4	0	0	0	0	0
T9	N/R	3	0	0	0	4	3, 4	0	0	4	0	3
T1	3, 4	3, 4	0	0	4			0	0	4		
T1	3, 4	3	0	0	4			0	0	4		
T1	3, 4	0	0	0	4			0	0	4		
L1	3	4	0	N/R				0	N/R			
L2	0	0	3, 4	0				3, 4	0			
L3	3, 4	0	0	4				0	4			
L4	3, 5	3, 4	0	0				0	0			
L5	3, 4	0	4	0				0	0			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L4.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right inferior apophyseal joint of T5 and the right superior apophyseal joint of T6 in the form of eburnation, porosity and marginal osteophytes.

SK 231: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition, enamel hypoplasia
Vertebral Schmorl's node, Osteoarthritis, DJD
Metabolic CO

SK 233

Middle Adult

Probable Female

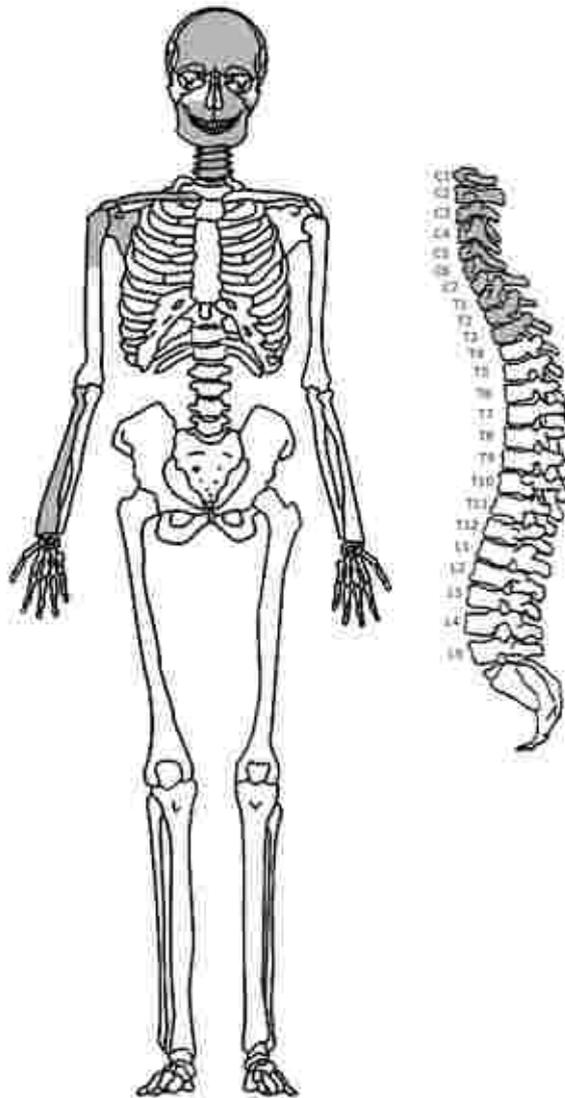
Burial Position and Details:

Plan No: 27

Area No: 16

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	1	3	1	1	1	N/R	1	3	2	2						
Period. Dis.	1	2	1	1	1	N/R	1	2	1	1						
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/R	0	0	0	0						
Calculus	1	1	1	1	1	N/R	1	0	1	1						
	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1
Calculus	N/R	1	1	1	N/R	N/R	N/R	N/R	N/R	1	1	1	1	1	1	1
Caries	N/R	0	2	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0	1
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R	0	1	0	1	0	0	0
Period. Dis.	N/R	1	1	1	N/R	N/R	N/R	N/R	N/R	1	2	2	1	1	1	1
Attrition	N/R	2	3	1	N/R	N/R	N/R	N/R	N/R	2	2	1	1	3	2	2

Dental Disease

Caries

Tooth 38: Small carious lesion present on the mesial aspect of the tooth crown .

Tooth 46: Small carious lesion present on the buccal aspect and a medium-sized carious lesion on the mesial aspect of the tooth crown .

Enamel Hypoplasia

Tooth 32: 1 hypoplastic groove present; 1.15mm from the cemento-enamel junction

Tooth 35: 1 hypoplastic groove present; 1.72mm from the cemento-enamel junction

Congenital Abnormalities of the Teeth/ Jaws

An overbite is observable.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-medial, middle-intermediate and middle-medial sector of the left orbital roof and the antero-medial, middle-lateral, middle-intermediate and postero-lateral sectors of the right orbital roof.

SK 233: Palaeopathological Summary and Differential Diagnoses

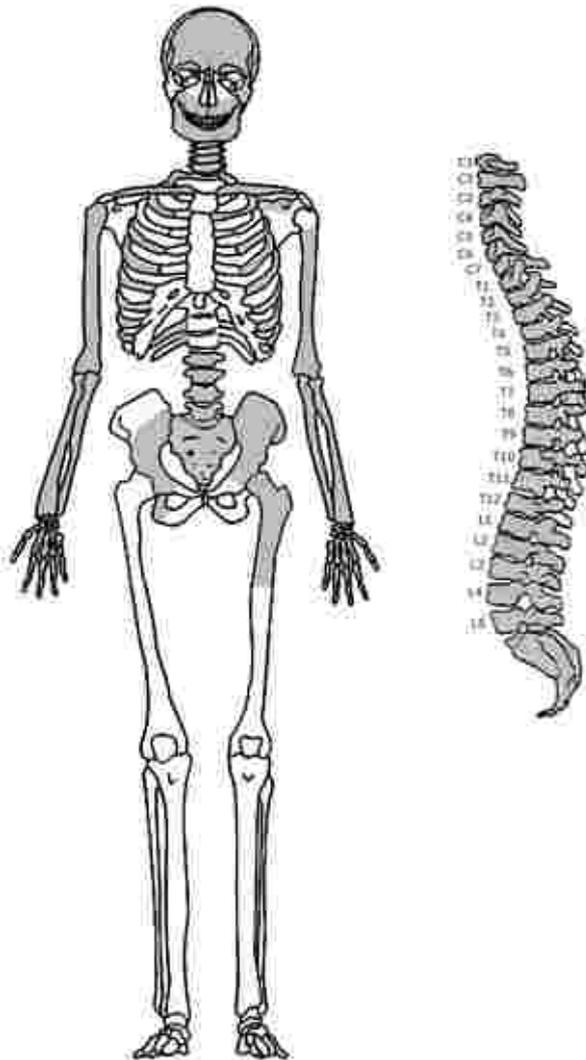
Dental Enamel hypoplasia, caries, periodontal disease, calculus, dental attrition, overbite
Metabolic CO

SK 234**Middle Adult Male****Burial Position and Details:**

Plan No: 23D

Area No: Not specified

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region and the left hand by the side of the body. The left leg was extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	0	2	N/P	2	2	N/P	2	N/P	N/P	2	2	2	2	N/P	N/P
Period. Dis.	N/P	3	2	N/R	0	N/R	N/R	N/R	N/R	N/R	3	1	1	2	N/R	N/P
E.Hypoplasia	N/P	0	0	N/P	0	N/P	N/P	0	N/P	N/P	0	0	0	0	N/P	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	1	1	0	0	0	0	0	N/P
Caries	N/P	0	0	N/P	0	2	N/P	1	N/P	N/P	0	0	0	0	N/P	N/P
Calculus	N/P	3	3	N/P	2	1	N/P	1	N/P	N/P	2	2	2	3	N/P	N/P
	N/P	1	1	2	1	1	2	1	4	4	1	1	1	1	4	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	4	4	4	2	1	1	1	1	1	1	1	4	4	4	4
Calculus	N/P	N/P	N/P	N/P	N/P	2	2	2	2	2	2	2	N/P	N/P	N/P	N/P
Caries	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P
Period. Dis.	N/P	3	3	3	3	1	1	1	1	1	1	1	3	3	3	3
Attrition	N/P	N/P	N/P	N/P	N/P	2	2	2	2	2	2	2	N/P	N/P	N/P	N/P

Dental Disease

Antemortem Tooth Loss

SK 234 exhibits antemortem tooth loss of 2 maxillary incisors, 1 maxillary molar, 2 mandibular premolars and 5 mandibular molars. Complete secondary resorption of the alveolar process at the affected tooth site has occurred with the exception of Tooth 21, 22 and 35 where only partial resorption of the tooth sockets has occurred.

Caries, Abscess

Tooth 11: Small carious lesion present at medial aspect of neck of tooth

Tooth 13: Medium-sized carious lesion present at medial aspect of neck of tooth; this lesion has eroded approx 30% of tooth crown

Tooth 21 and 22: Large abscess present at apex of the tooth roots on anterior aspect of maxilla which has led to significant erosion of alveolar bone

Congenital Abnormalities of the Teeth/ Jaws

There is distal rotation of Tooth 43 by approximately 90°.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral and antero-intermediate sector of the left orbital roof and the antero-lateral, antero-intermediate and middle-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	0	0	0	0				0	N/R			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	3, 4			
C5	0	3, 4	0	0				3, 4	0			
C6	3, 4	0	4	0				0	0			
C7	0	0	N/R	N/R				N/R	N/R			
T2	0	3	0	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T3	0	3, 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	3, 4	3, 4	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T5	3, 4	3, 4	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T6	3, 4	3, 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	4	N/R
T7	3, 4	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T8	3, 4	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	3, 4	3, 4	N/R	N/R	N/R	4	N/R	0	N/R	0	0	N/R
T11	4	4	N/R	N/R	N/R			N/R	N/R	0		
L1	3,4	3,4	0	0				0	0			
L2	3,4	4	0	0				0	0			
L3	4	4	N/R	N/R				N/R	N/R			
L4	4	4	N/R	N/R				N/R	N/R			
L5	4	4	0	N/R				N/R	N/R			

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5

Fracture

A complete fracture is evident at the mid shaft of the left femur. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus bone formation is also observable. Misalignment of the fracture has resulted in posterior-superior displacement of the fractured end of the bone thereby shortening of the diaphysis.

Joint

SK234 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left mandibular condyle
<i>Acromioclavicular</i>	Surface porosity	Left and right Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left rib head 4x Left Costal Facets 1x Right Costal Facet

SK 234: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental abscess, periodontal disease, calculus, dental attrition, tooth rotation
<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Trauma</i>	Spondylolysis, Fracture
<i>Joint</i>	DJD
<i>Metabolic</i>	CO

SK 239**Middle Adult****Male: 168.75 ± 3.27 cm****Burial Position and Details:**

Plan No: 30

Area No: 16

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	2	2	2	2	2	N/P	2	2	2	2	2	2	2	2	2	2
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
E.Hypoplasia	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	1
Calculus	1	1	1	1	1	N/P	1	1	1	2	2	1	1	2	1	1
	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	3	2	2	0	0	0	0	0	0	0	0	0	0	0	3	2
Attrition	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Dental Disease

Caries

Tooth 28: Small carious lesion present on the mesial aspect of the neck of the tooth

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate and middle-lateral sector of the left and right orbital roofs.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/R	0	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	2	2, 3, 4				0	0			
C4	0	0	2, 3, 4	0				0	0			
C5	0	0	0	0				4	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	4			
T1	0	0	0	0	3, 4	0	0	0	0	N/R	N/R	0
T2	0	0	0	0	0	0	0	0	0	N/R	N/R	0
T3	0	0	0	0	0	0	0	0	0	0	0	N/R
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	4	0	0	0	0	N/R	0	0	0	0	0
T6	0	5	0	0	0	0	0	0	0	0	0	0
T7	0	3, 4, 5	0	0	0	0	0	0	0	0	0	0
T8	0	3, 4, 5	0	0	0	4	0	0	0	0	0	N/R
T9	3, 4	3, 4	0	0	0	0	N/R	0	0	0	0	0
T10	3	3	0	0	0			0	0	0		
T11	3, 4	3, 4	0	0	4			0	0	4		
T12	0	3	0	0	0			0	0	0		
L1	3, 4	3, 4	0	0				0	0			
L2	3, 4	3, 4	0	3				0	3, 4			
L3	3	0	0	3, 4				0	2, 3, 4			
L4	3	3	3	3				2, 3, 4	3			
L5	N/R	N/R	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T6, T7 and T8.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right inferior apophyseal vertebral facet of C3, the right superior apophyseal facet of C4, the left inferior apophyseal facet of L3 and the left superior apophyseal facet of L4 in the form of surface porosity, eburnation and marginal osteophyte formation.

Trauma

Musculo-Skeletal Stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the left ilium and at the proximal aspect of the left and right femur at the line aspera.

Joint

SK 239 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle and Acromion process
<i>Sternoclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left and Right Humeral Head and Glenoid Fossa

SK 239: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondritis, Osteoarthritis
<i>Joint</i>	DJD
<i>Metabolic</i>	CO
<i>Trauma</i>	Musculo-Skeletal Stress

SK 240**Middle Adult****Female: 149.2 ± 3.72 cm****Burial Position and Details:**

Plan No: 37

Area No: 21

E-W orientation; simple, extended supine burial of moderate completeness and moderate preservation. The skull was positioned facing south. Both the arms and legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	1	N/P	2	2	N/P										
Period. Dis.	N/P	2	1	0	0	N/R	0	0	0	1	0	0	0	2	2	0
E.Hypoplasia	N/P	0	N/P	0	0	N/P										
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	0	N/P	0	0	N/P										
Calculus	N/P	1	N/P	2	1	N/P										
	N/P	2	4	2	2	2	2	2	2	2	4	2	1	2	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	2	1	1	4	1	1	4	1	1
Calculus	1	1	1	1	1	1	N/P	N/P	1	1	N/P	1	1	N/P	1	1
Caries	0	0	0	0	0	0	N/P	N/P	0	0	N/P	0	0	N/P	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/P	N/P	0	0	N/P	0	0	N/P	0	0
Period. Dis.	3	3	2	1	1	N/R	0	0	1	1	1	1	1	3	3	3
Attrition	1	2	2	1	1	1	N/P	N/P	2	2	N/P	1	1	N/P	1	1

Dental Disease

Antemortem Tooth Loss

SK 240 exhibits antemortem tooth loss of a maxillary lateral incisor and molar and a mandibular canine and molar. Complete secondary resorption of the alveolar process at the affected tooth site has occurred with the exception of Tooth 36 where only partial resorption of the tooth socket has occurred.

Congenital Abnormalities of the Teeth/ Jaws

Tooth 38 is peg-shaped and severely underdeveloped.

Post Cranial Pathology

Congenital

Block vertebrae

SK 240 exhibits block vertebrae at the level of T3 and T4 where congenital fusion has occurred at the anterior vertebral bodies and neural arches. A further 2 unnumbered thoracic neural arches exhibit congenital fusion at the transverse processes.

Joint

SK 240 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal lipping	Left Humeral Head Left Glenoid fossa
<i>Hip</i>	Marginal lipping	Left and Right Femoral head Right Acetabulum

SK 240: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, periodontal disease, calculus, dental attrition, peg-shaped molar
<i>Congenital</i>	Block vertebrae, Peg-shaped molar
<i>Joint</i>	DJD

SK 241**Young Adult****Male: 165.6 ± 3.55 cm****Burial Position and Details:**

Plan No: 35A

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned on the right side. Both arms were extended with the hands over the right pelvis.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	N/P	3	3	3	3	N/P	N/P	N/P	2	3	N/P	N/P	N/P	3
Period. Dis.	N/P	N/P	N/R	0	0	0	0	N/R	N/P	N/P	0	0	N/P	N/P	0	0
E.Hypoplasia	N/P	N/P	N/P	0	0	0	0	N/P	N/P	N/P	0	0	N/P	N/P	N/P	0
Cyst	N/P	N/P	N/R	0	0	0	0	N/R	N/P	N/P	0	0	N/P	N/P	0	0
Abscess	N/P	N/P	N/R	0	0	0	0	N/R	N/P	N/P	0	0	N/P	N/P	0	0
Caries	N/P	N/P	N/P	0	0	0	0	N/P	N/P	N/P	0	0	N/P	N/P	N/P	0
Calculus	N/P	N/P	N/P	1	1	1	1	N/P	N/P	N/P	2	1	N/P	N/P	N/P	2
	N/P	N/P	2	1	1	1	1	2	N/P	N/P	1	1	N/P	N/P	4	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	4	4	1	1	1	1	1	1	1	1	1	2	4	1	1
Calculus	2	N/P	N/P	1	1	1	1	1	1	1	1	1	N/P	N/P	2	1
Caries	0	N/P	N/P	0	0	0	0	0	0	0	0	0	N/P	N/P	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	N/P	N/P	0	0	0	0	0	0	0	0	0	N/P	N/P	0	0
Period. Dis.	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3	1
Attrition	2	N/P	N/P	3	3	3	3	3	3	3	3	3	N/P	N/P	3	3

Dental Disease

Antemortem Tooth Loss

SK241 exhibits antemortem tooth loss of one maxillary and three mandibular molars.

Complete secondary resorption of the alveolar process at the affected tooth sites has occurred.

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate sector of the left orbital roof and the antero-intermediate and middle-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	N/R	N/R				4	0			
C2	0	3, 4	N/R	N/R				N/R	N/R			
C3	0	3, 4	0	N/R				N/R	N/R			
C4	3, 4	3	0	0				N/R	N/R			
C5	0	3, 4	0	0				0	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	3, 4	0	0	N/R	0	0	4	0	N/R	4	N/R	0
T2	N/R	0	0	N/R	4	4	0	0	0	4	0	0
T3	3	0	N/R	N/R	0	4	N/R	0	N/R	0	4	N/R
T4	0	3, 4	N/R	N/R	0	N/R	N/R	0	N/R	0	4	N/R
T5	3	3, 4	N/R	N/R	4	0	N/R	0	N/R	0	4	N/R
T6	4	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	3, 7	3, 4	0	0	4	4	N/R	0	0	0	0	N/R
T8	3, 4	3, 4	N/R	N/R	0	4	N/R	N/R	N/R	0	0	N/R
T9	3, 4	3, 4	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T10	0	3, 4	0	N/R	4			0	N/R	4		
T11	3	4	0	N/R	4			0	N/R	0		
T12	0	4	0	0	4			0	0	0		
I 1	3, 4	3, 4	0	0				0	0			
I 2	3	3, 4	0	0				0	0			
L3	3, 4	3	3, 4	0				0	0			
L4	3	4	0	0				3	3			
L5	0	0	3	0				N/R	N/R			

SK 241 exhibits pathological lesions indicative of degenerative joint disease and osteoarthritis at the following joint surfaces:

Joint Lesion Type(s)

Affected Skeletal Element(s)

<i>Temporomandibular</i>	Surface porosity	Left Temporal
<i>Acromioclavicular</i>	Marginal osteophytes, surface porosity	Right Acromion Right Clavicle
<i>Glenohumeral</i>	Surface porosity, Marginal osteophytes	Left Glenoid Fossa Right Glenoid Fossa

SK 241: Palaeopathological Summary and Differential Diagnoses.

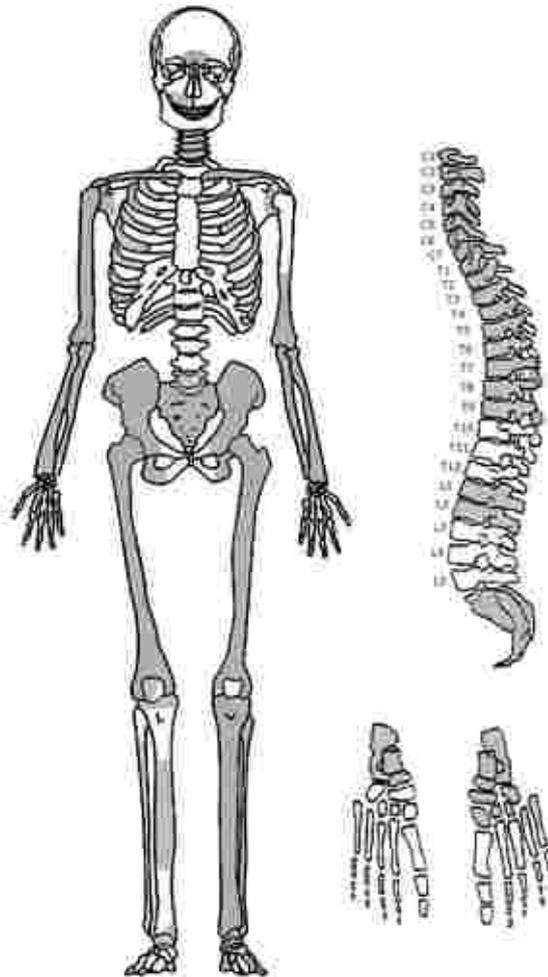
<i>Dental</i>	Antemortem tooth loss, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	DJD, Intervertebral osteochondrosis
<i>Metabolic</i>	CO
<i>Joint</i>	DJD, Osteoarthritis

SK 246**Middle Adult****Female: 155.94 ± 3.55 cm****Burial Position and Details:**

Plan No: 37K

Area No: 21

W-E orientation; simple, flexed burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. Both legs were flexed with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	N/P	3	N/P	N/P	N/P	N/P	N/P	2	1	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P
Period. Dis.	0	2	N/R	N/P	N/P	N/R	0	0	0	N/R	N/R	N/P	N/P	N/P	N/P	N/P	N/P
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	0	0	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P
Cyst	0	0	N/R	N/P	N/P	N/R	0	0	0	N/R	N/R	N/P	N/P	N/P	N/P	N/P	N/P
Abscess	0	0	N/R	N/P	N/P	N/R	0	0	0	N/R	N/R	N/P	N/P	N/P	N/P	N/P	N/P
Caries	N/P	1	N/P	N/P	N/P	N/P	0	0	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P
Calculus	N/P	1	N/P	N/P	N/P	N/P	1	1	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P
		2	1	2	N/P	N/P	2	1	1	2	2	1	N/P	N/P	N/P	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	N/P		N/R														

Dental Disease

Caries

Tooth 17: Small carious lesion present on the mesial aspect of the tooth crown

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	N/R	N/R	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	3, 4	0	0				N/R	N/R			
C4	3, 4	3, 4	0	0				0	0			
C5	0	3, 4	N/R	N/R				0	0			
C6	3, 4	0	0	0				0	0			
C7	4	0	0	0				0	0			
T1	0	4	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T2	No pathological lesions are evident on one unnumbered thoracic vertebral fragment.											
T3												
T4												
T5												
T6	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R
T7	0	5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	5	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	4	0	N/R	N/R	0			N/R	N/R	0		
T11	0	0	N/R	N/R	0			0	N/R	0		
T12	N/R	N/R	N/R	N/R	N/R			0	N/R	0		
I 4	3, 4	3, 4	N/R	N/R				0	N/R			
L5	3, 4	4	0	N/R				0	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7 and T9.

Infection

Reactive Bone Formation

SK 246 exhibits extensive bilateral periosteal reactive lesions of primarily the long-bones and pelvises. Reactive bone deposits in the form of woven bone are present at the left ilium, left radius, left and right femora and right tibia. Sclerotic bone is present at the left fibula. Lesions of a mixed reaction of both woven bone and sclerotic bone are present at the right ilium, left and right ulna, and left tibia. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Trauma

Fractures: Colles fracture with secondary pseudoarthrosis

A Colles fracture is present at the distal left radius. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus bone formation is also observable. Malunion of the fracture has resulted in posterior displacement of the fractured end of the bone and shortening of the diaphysis by 16mm. A secondary pseudoarthrosis has developed on the anterior aspect of the distal radius for articulation with the distal ulna.

A second fracture, possibly contemporary with the fracture of the radius, is present at the distal left ulna. Healing in the form of sclerotic callus bone formation is also observable. Malunion of the fracture has resulted in lateral displacement of the fractured end of the bone. In addition the styloid process appears underdeveloped possibly as a result of the trauma.

Joint

SK 246 exhibits pathological lesions indicative of degenerative joint disease and/ or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right Temporal
<i>r</i>		
<i>Glenohumeral</i>	Marginal osteophytes	Left Humeral Head Right Humeral Head
<i>Ribs</i>	Marginal osteophytes	2x Left Costal Facets
<i>Wrist</i>	Marginal osteophytes	Right pisiform
<i>Hand</i>	Marginal osteophytes, surface porosity	Left MC1 and 1 st proximal phalanx (distal articular surface)
<i>Hip</i>	Marginal lipping, surface porosity	Right MC1 Left Acetabulum
<i>Knee</i>	Marginal osteophytes	Right Acetabulum Left Femoral Condyles Right Femoral Condyles Left Tibial Condyle

SK 246: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, periodontal disease, calculus, dental attrition
<i>Joint</i>	DJD and Osteoarthritis
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Trauma</i>	Colles Fracture

SK 248

Adult

Sex Not Recordable

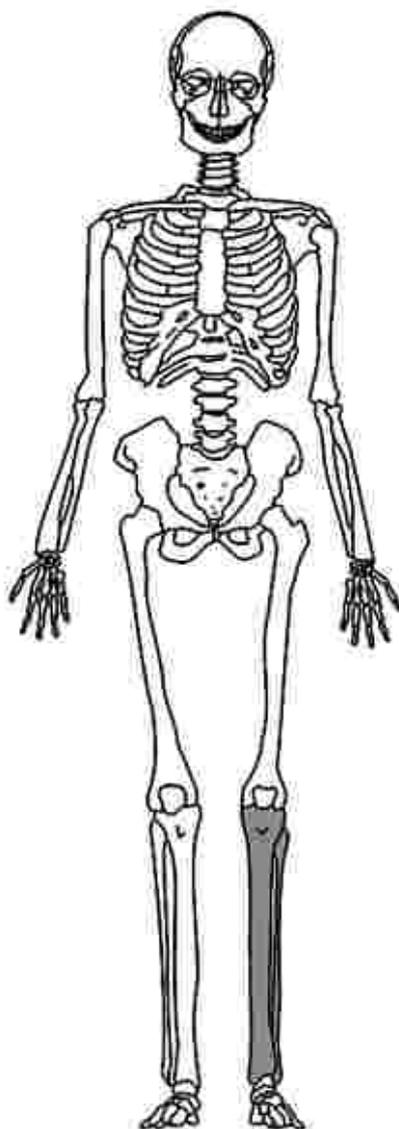
Burial Position and Details:

Plan No: Not specified

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 248: Palaeopathological Summary and Differential Diagnoses

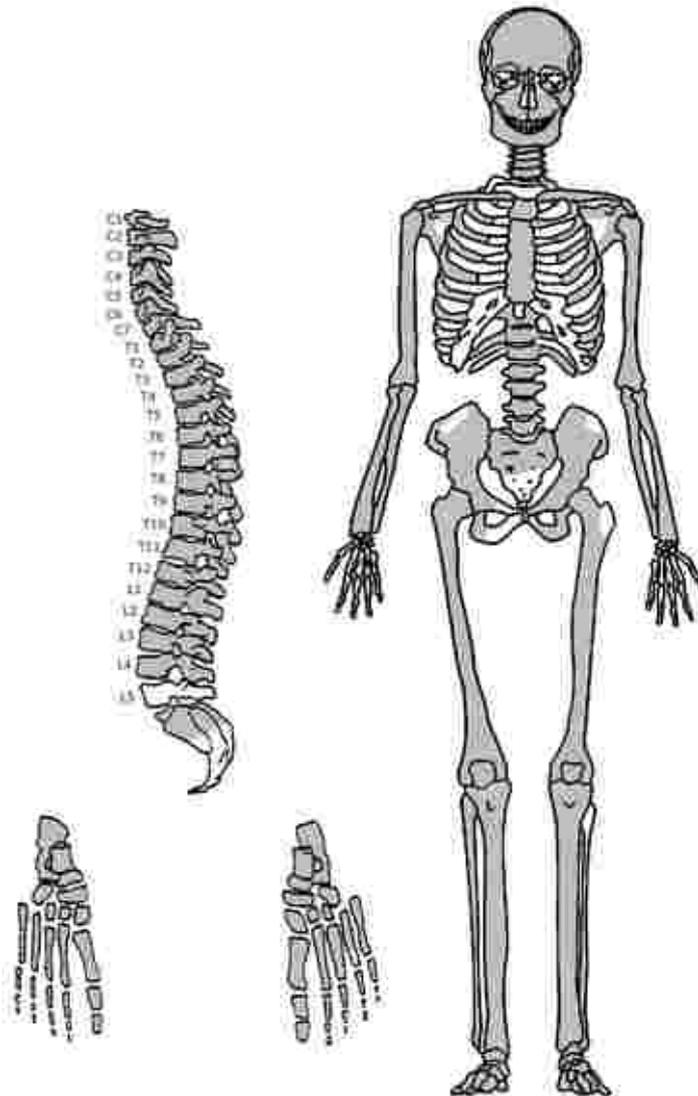
No pathological lesions were observed on the skeletal elements present for analysis.

SK 250**Young Adult****Female: 159.31 ± 3.55 cm****Burial Position and Details:**

Plan No: 37

Area No: 21

W-E orientation simple, extended supine burial of good completeness and good preservation. The skull was facing south-east. The left arm was flexed at the elbow crossing the body with the right arm extended straight by the side of the body. The right hand was positioned over the pelvis with the left hand crossing the lower right arm. The left leg was crossed over the right leg with the feet together and extended straight.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	2	N/P	2	2	2	2	2	2	N/P	1	2	2	1	2	2	2
Period. Dis.	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	N/P	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	3	N/P	0	0	1	0	0	0	N/P	0	0	0	0	0	0	0
Calculus	2	N/P	2	2	1	1	1	1	N/P	1	1	1	2	2	2	2
	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
Calculus	2	2	2	1	1	1	1	N/P	1	1	1	1	1	1	2	2
Caries	0	1	1	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	2	1	1	1	1	N/P	2	1	1	1	1	2	2	2

Dental Disease

Caries

Tooth 14: Small carious lesion present at the tooth crown

Tooth 18: Large carious lesion present at the tooth crown

Tooth 46: Small carious lesion present at the tooth crown

Tooth 47: Small carious lesion present at the tooth crown

Congenital Abnormalities of the Teeth/Jaws

An overbite is observable so that the maxillary incisors protrude significantly anteriorly beyond the mandibular incisors

Post Cranial Pathology

Vertebral

Average Spinal Joint Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				3	0			
C2	3	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	4	N/R	0	0	4	0	0
T2	N/R	N/R	3	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	N/R	0	0	4	0	0
T4	0	0	0	0	4	N/R	3	0	0	4	0	0
T5	0	3	0	0	0	0	0	0	0	0	0	0
T6	3	0	0	0	4	4	N/R	0	0	0	4	N/R
T7	3	3	0	0	4	4	N/R	0	0	4	4	0
T8	3	0	0	0	0	0	N/R	0	0	4	0	4
T9	3	0	0	0	0	0	N/R	0	0	0	0	N/R
T10	0	0	0	0	4			0	0	4		
T11	5	0	3	0	4			0	0	4		
T12	0	0	0	0	4			0	3,4	4		
L1	0	0	0	0				3, 4	0			
L2	5	3 + 5	0	0				3	3			
L3	3 + 5	3	0	0				3	0			
L4	3 + 5	0	0	0				3	0			
L5	3	3	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of L2, L3 and L4.

Joint

SK250 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Surface porosity	Left Glenoid fossa
<i>Foot</i>	Marginal osteophytes	Left Navicular and lateral cuneiform

*Trauma**Complete Fracture with secondary traumatic arthritis and ankylosis*

The sacrum exhibits a complete fracture at the right alae which would appear to have been in the process of healing at the time of death. The fracture line is clearly discernible with associated callus formation, woven bone and sclerosis. Associated secondary traumatic arthritis is also observable resulting in the early stages of ankylosis at the right sacro-iliac joint.

*Congenital**Non-union*

C1 exhibits non-union of the posterior neural arch. Secondary DJD is observable in the form of marginal osteophytes at the termini with osteophytes and lipping exhibited at the dens articular facet. The dens exhibits corresponding osteophytes and lipping in the form of a sharp ridge with curled spicules of bone.

SK 250: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, calculus, dental attrition, overbite
<i>Vertebral</i>	Schmorl's nodes, DJD
<i>Joint</i>	DJD, Secondary traumatic arthritis and ankylosis
<i>Trauma</i>	Fracture
<i>Congenital</i>	Non-union of neural arch

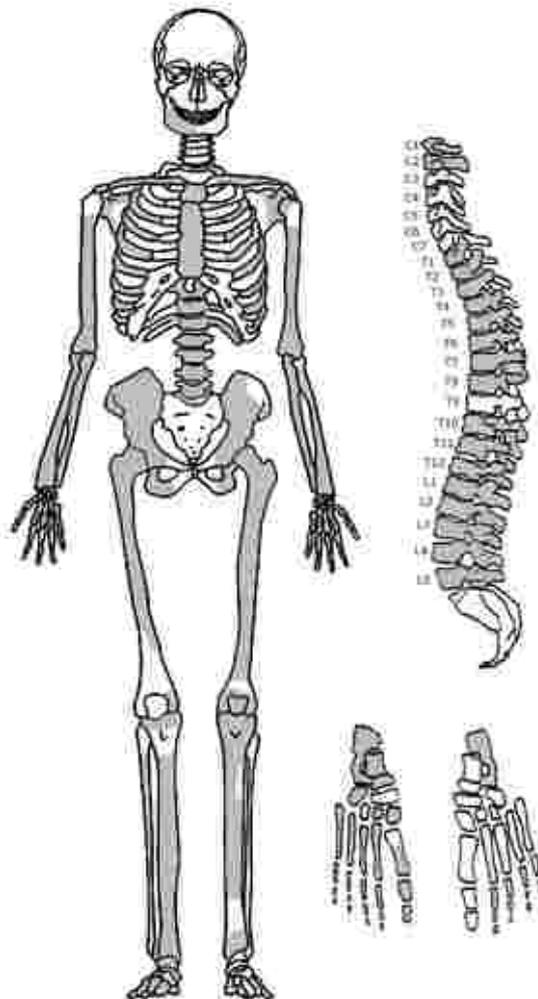
SK 252**Young Adult****Male**

Burial Position and Details:

Plan No: 32A

Area No: 20

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	N/P	N/P	N/P	N/P	N/P	1	1	1	1	N/P
Calculus	1	1	1	1	1	N/P	N/P	N/P	N/P	N/P	N/P	1	1	1	1	N/P
Caries	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	0	N/P
E.Hypoplasia	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	N/P
Period. Dis.	0	0	0	N/R	N/R	0	N/P	N/P	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/P
Attrition	1	1	2	1	1	N/P	N/P	N/P	N/P	N/P	N/P	1	1	3	1	N/P

Cranial Pathology

Miscellaneous Pathology

Abnormal Bone Loss

Two lesions presenting as abnormal bone loss are evident on the left occipital affecting the external, diploë and internal table. The first lesion is unifocal and measures 12.03mm superior- inferior and 12.73mm medial-lateral on the external table. The bone loss measures 12.13mm superior- inferior and 18.26mm medial-lateral on the internal table.

A second lesion presents as a perforation and measures 5.79mm superior- inferior and 7.59mm medial-lateral on the external table and 6.37mm superior- inferior and 9.00mm medial-lateral on the external table. Barely discernible periosteal reaction affecting <1/3 of the circumference of the lesion. Further analysis of the edges of this lesion is inhibited by extensive post-mortem damage.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 252 exhibits extensive periosteal reactive lesions of the visceral surfaces of the right ribs. An extensive mixed reaction of both woven and sclerotic bone is present on the visceral surfaces of 8 right ribs and a further 8 unisided rib fragment. Partial sclerosis of these lesions indicates a degree of healing took place before the time of death.

Trauma

Spiral Fracture

Fracture present at the distal left ulna. The fracture line is no longer evident due to extensive. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in secondary shortening of the diaphysis by 10mm.

SK 252: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Trauma</i>	Fracture
<i>Miscellaneous</i>	Abnormal bone loss

SK 254

Middle Adult

Probable Female

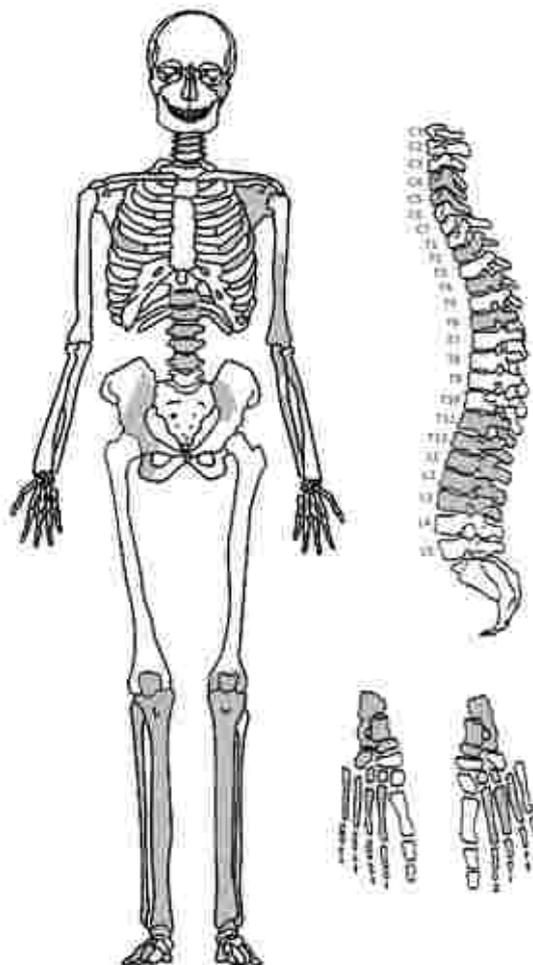
Burial Position and Details:

Plan No: 32A

Area No: 20

SW-NE orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm and leg were extended straight.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	Two cervical vertebrae fragments present; both are N/R due to poor preservation.											
C2												
C3												
C4												
C5												
C6												
C7												
T1	Two thoracic vertebral fragments present; no pathological lesions are evident.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	0	0	4	0	0		N/R	4	0			
T11	5	5	0	0	4		0	0	0			
T12	N/R	N/R	N/R	N/R	N/R		3	0	4			
L1	N/R	N/R	N/R	0			0	0				
L2	N/R	N/R	N/R	0			3	0				
L3	3, 4, 5	3, 4	N/R	N/R			N/R	N/R				
L4	3, 4	3, 4	N/R	N/R			N/R	N/R				
L5	3, 4	3, 4	3	N/R			3	N/R				

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11 and L3.

Trauma

Compression Fractures

Compression fractures are present at the right side of the vertebral bodies of L3 and L4 respectively. These fractures have resulted in a lateral wedge-shape appearance to the affected vertebral bodies.

SK 254: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

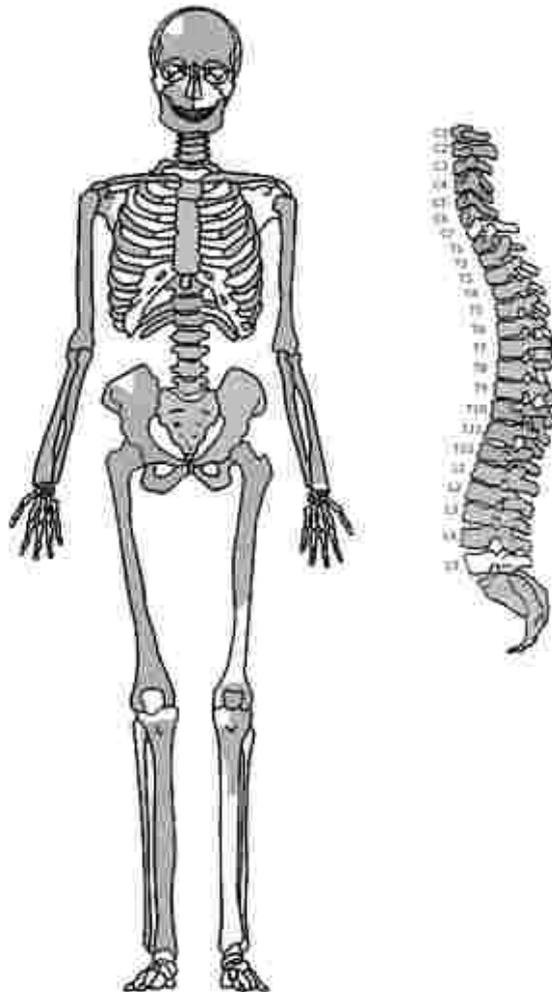
Trauma Vertebral compression fractures, Secondary scoliosis

SK 256**Young Adult****Indeterminate Sex****Burial Position and Details:**

Plan No: 32

Area No: 20

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	1	1	0	0	0	0	1	N/P							
Period. Dis.	0	0	0	0	0	0	0	0	N/P							
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P							
Cyst	0	0	0	0	0	0	0	0	N/P							
Abscess	0	0	0	0	0	0	0	0	N/P							
Caries	0	0	0	0	0	0	0	0	N/P							
Calculus	1	2	2	2	2	2	1	1	N/P							
	1	1	1	1	1	1	1	1	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	1	0	0	0	1	1	1	1	1	0	0	1	1	0

SK 256: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 258A

Young Adult

Male

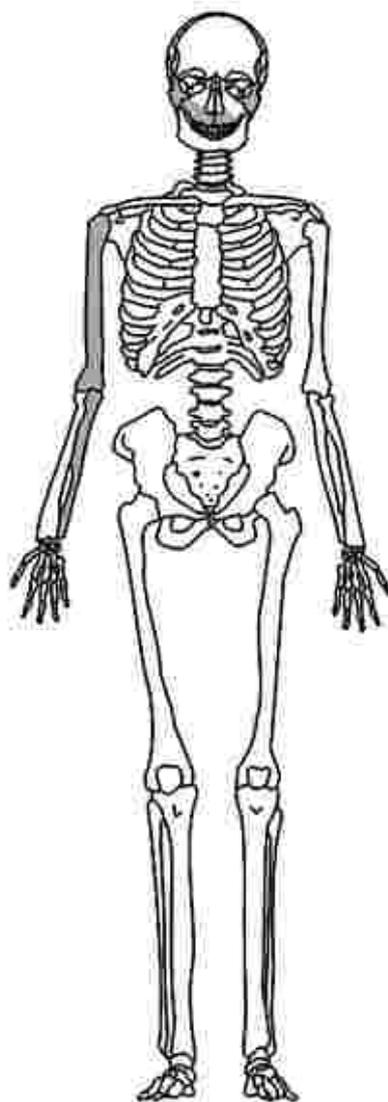
Burial Position and Details:

Plan No: Not specified

Area No: 20

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	0	3	3	2	1	1	1	2	2	1	0	1	2	3	2	0
Period. Dis.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Dental Disease

Caries

Tooth 16: Small-sized carious lesion present at tooth crown

Tooth 27: Medium-sized carious lesion present at tooth crown

Tooth 28: Medium-sized carious lesion present at tooth crown

Congenital Abnormalities of the Teeth/ Jaws

The maxillary third molars exhibit additional cusps. A diastema is also present between maxillary central incisors measuring 3.69mm in width.

Post Cranial Pathology

Trauma

Fracture

A fracture is present at the distal shaft of the right ulna. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus bone formation is also observable.

SK 258A: Palaeopathological Summary and Differential Diagnoses

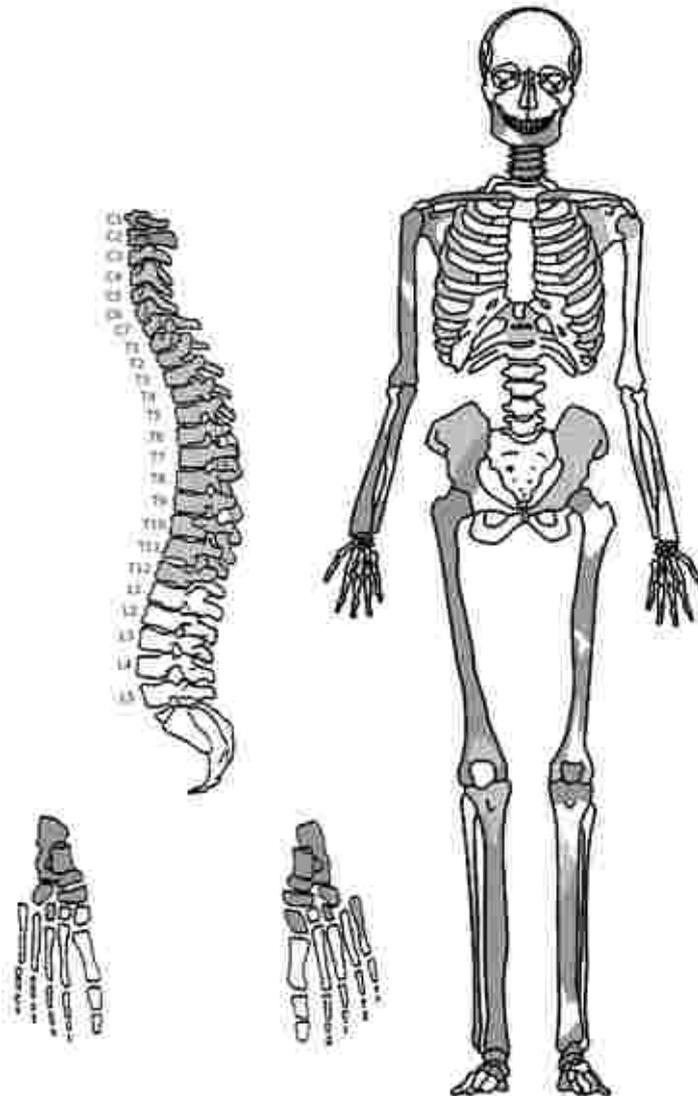
Dental Periodontal disease, calculus, caries, dental attrition, diastema, accessory molar cusps
Trauma Fracture

SK 258B**Old Adult****Female: 154.14 ± 3.72 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 20

Orientation not specified; simple, extended supine burial of good completeness and good preservation. The hands were positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Taphonomy: SK258B's skeletal elements exhibit a sun-bleached appearance

Dentition

Attrition	N/R	N/R															
Period. Dis.	N/R	N/R															
E.Hypoplasia	N/R	N/R															
Cyst	N/R	N/R	N/R	N/R	N/R	1	0	0	N/R	N/R							
Abscess	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R	N/R							
Caries	N/R	N/R															
Calculus	N/R	N/R															
	N/R	N/R	N/R	N/R	4	2	2	2	N/R	N/R							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/R	4	4	2	2	4	4	4	4								
Calculus	N/R	N/R															
Caries	N/R	N/R															
Abscess	N/R	0	0	0	0	0	0	0	0	0							
Cyst	N/R	0	0	0	0	0	0	0	0	0							
E.Hypoplasia	N/R	N/R															
Period. Dis.	N/R	N/R															
Attrition	N/R	N/R															

Dental Disease

Antemortem Tooth Loss

SK 258B exhibits antemortem tooth loss of a maxillary 1st premolar, two mandibular incisors, one mandibular premolar and three mandibular molars. Complete secondary resorption of the alveolar process is evident at the affected tooth sites.

Caries, Abscess/ Cyst

Tooth 13: A small abscess/ cyst is present at the apex of the tooth root.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		2 + 3	N/R	N/R				3	0			
C2	2 + 3	0	0	3				0	0			
C3	N/R	3 + 4	0	3				N/R	N/R			
C4	3	0	N/R	N/R				N/R	N/R			
C5	0	4	N/R	N/R				N/R	N/R			
C6	3	4	N/R	N/R				N/R	N/R			
C7	N/R	N/R	N/R	N/R				N/R	N/R			
T1	0	4	0	N/R	4	N/R	0	0	N/R	0	N/R	N/R

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of 8 fragmented thoracic and 4 fragmented lumbar vertebrae in the form of marginal and surface osteophytes, surface porosity and pitting and erosive lesions.

Joint

SK258B exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle and acromion process
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Rib heads 2x Right Rib heads
<i>Wrist</i>	Surface porosity, eburnation, marginal osteophytes	Left trapezium, triquetrum, capitate and hamate
<i>Hand</i>	Marginal osteophytes	Right trapezium Left 1 st proximal phalanx (proximal articular surface) Right 1 st proximal phalanx (proximal articular surface)

SK 258B: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, dental cyst
Vertebral Intervertebral osteochondrosis, Osteoarthritis
Joint Osteoarthritis, DJD

SK 259

Adult

Sex Not Recordable

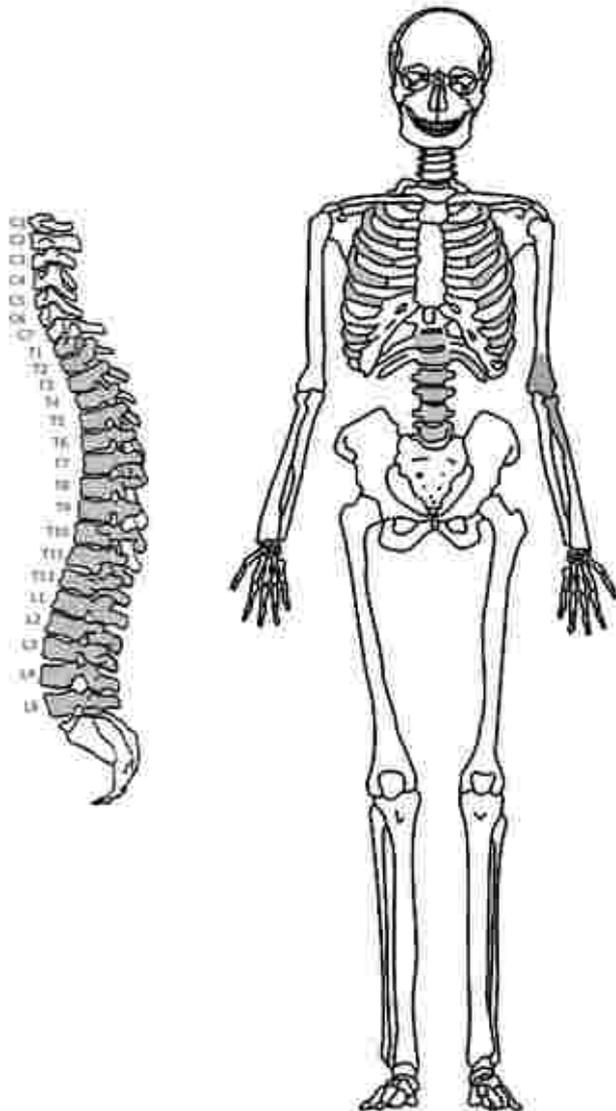
Burial Position and Details:

Plan No: Not specified

Area No: 15

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 259: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 260

Young Adult

Female

Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	0	1	2	1	1	0	1	2	2	1	1	0	1	2	1	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Calculus	0	1	2	1	2	1	1	0	0	1	1	2	1	2	1	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	0
Caries	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	2	1	0	1	1	2	2	1	0	0	1	2	1	0

SK 260: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, caries, dental attrition

SK 263

Young Adult

Female: 150.11 ± 3.55 cm

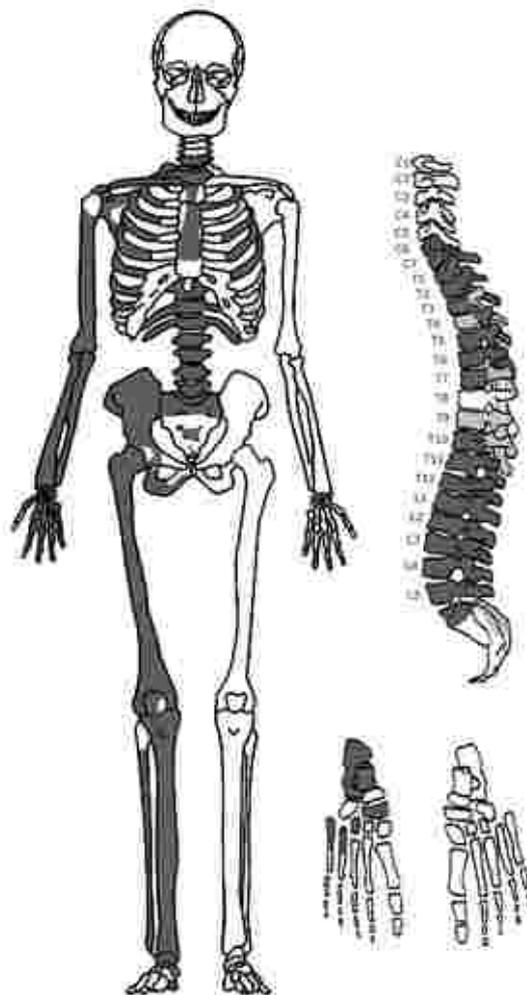
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 263: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 269

Adult

Sex Not Recordable

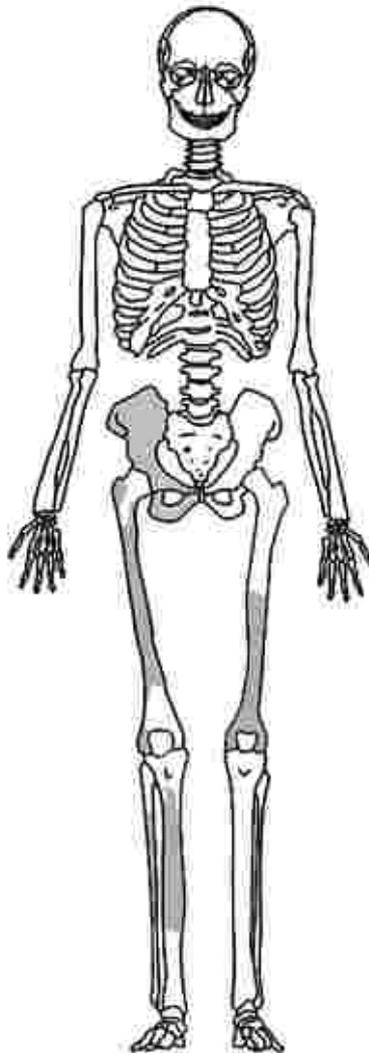
Burial Position and Details:

Plan No: 28A

Area No: 12

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 269 exhibits a periosteal reactive lesion at the left femur. A reactive bone deposit in the form of woven bone is present at the anterior aspect of the distal femoral shaft.

Joint

SK 269 exhibits pathological lesions indicative of osteoarthritis and/ or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hip</i>	Surface porosity, surface osteophytes	Right Acetabulum

SK 269: Palaeopathological Summary and Differential Diagnoses

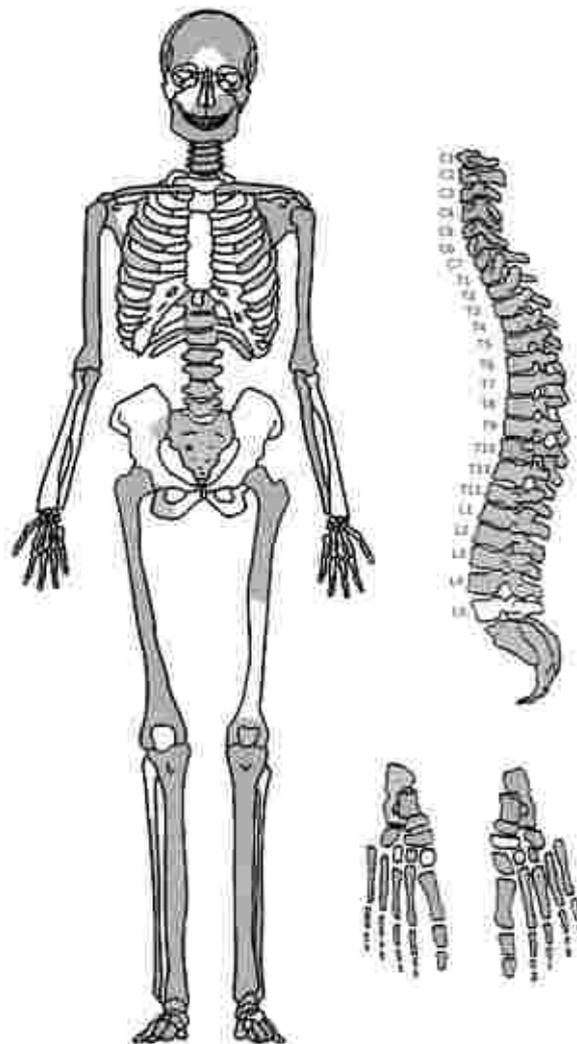
Infection Non-specific: reactive bone deposits
Joint DJD, Osteoarthritis

SK 270**Middle Adult****Male: 164.56 ± 2.99 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 12

Orientation not specified: simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	3	3	N/P											
Period. Dis.	N/P	N/P	N/P	3	3	3	3	3	3	3	3	3	3	3	3	3
E.Hypoplasia	N/P	0	1	0	N/P											
Cyst	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	1	0	0
Abscess	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	1	0	0
Caries	N/P	0	0	0	N/P											
Calculus	N/P	0	2	1	N/P											
	N/P	N/P	N/P	4	4	4	4	4	4	4	4	4	1	1	1	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	4	4	2	2	2	2	2	2	2	2	1	1	2	1	1
Calculus	N/P	1	1	N/P	1	2										
Caries	N/P	0	0	N/P	0	0										
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	N/P	0	0										
Period. Dis.	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	0
Attrition	N/P	1	1	N/P	2	2										

Dental Disease

Antemortem Tooth Loss

SK270 exhibits extensive antemortem tooth loss of the entire set of maxillary incisors and canines, 3 maxillary premolars and 2 mandibular molars. Complete secondary resorption of the alveolar process at the affected tooth sites has occurred:

Cyst, Abscess

Tooth 26: Cyst present at apex of tooth root on anterior aspect of maxilla; abscess present at apex of tooth root present on lingual aspect of maxilla

Tooth 43: Probable medium-sized cyst present at apex of tooth root

Enamel Hypoplasia

Tooth 26: 1 hypoplastic groove present; 3.60mm from the cemento-enamel junction.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	4	0				4	0			
C2	3	4	0	0				0	4			
C3	4	0	0	0				0	0			
C4	3, 4	4	0	0				0	0			
C5	3, 4	4	0	0				0	0			
C6	3, 4	4	0	0				3	0			
C7	3, 4	4	4	0				0	0			
T1	4	N/R	0	0	N/R	N/R	0	4	0	N/R	N/R	N/R
T2	N/R	N/R	0	0	N/R	N/R	0	N/R	0	N/R	N/R	N/R
T3	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R
T4	0	4	0	N/R	0	N/R	N/R	0	N/R	0	N/R	N/R
T5	4	3, 4	0	0	4	4	0	0	0	0	N/R	N/R
T6	4	3, 4	0	0	0	N/R	N/R	0	0	4	N/R	N/R
T7	0	0	0	0	0	N/R	0	0	0	0	0	N/R
T8	N/R	N/R	4	0	4	4	N/R	0	4	N/R	N/R	N/R
T9	0	5	0	N/R	4	N/R	4	0	N/R	0	4	N/R
T10	N/R	N/R	4	0	N/R			3, 4	0	N/R		
T11	0	5	0	0	4			0	0	N/R		
T12	N/R	N/R	3	0	4			0	0	4		
L1	N/R	N/R	0	0				0	4			
I 2	N/R	N/R	0	3, 4				0	0			
I 3	N/R	N/R	0	4				4	3, 4			
I 4	N/R	N/R	3	0				N/R	0			
I 5	N/P	N/P	N/P	N/P				N/P	N/P			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T9 and T11.

Joint

SK270 exhibits pathological lesions indicative of osteoarthritis and/ or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity, surface osteophytes	Right and left Temporal Left mandibular condyle
<i>Acromioclavicular</i>	Surface porosity	Left and right Clavicle
<i>Sternoclavicular</i>	Periarticular resorptive foci	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Left and right Humeral Head Left glenoid fossa
<i>Ribs</i>	Surface porosity,	3x Left Costal Facets 3x Right Costal Facets

*Miscellaneous Pathology**Exostosis*

A single bony exostosis is present at the distal shaft of the right MT2.

SK 270: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Enamel hypoplasia, antemortem tooth loss, dental abscess/cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, DJD
<i>Joint</i>	DJD, OA
<i>Miscellaneous</i>	Exostosis

SK 272

Middle Adult

Indeterminate Sex

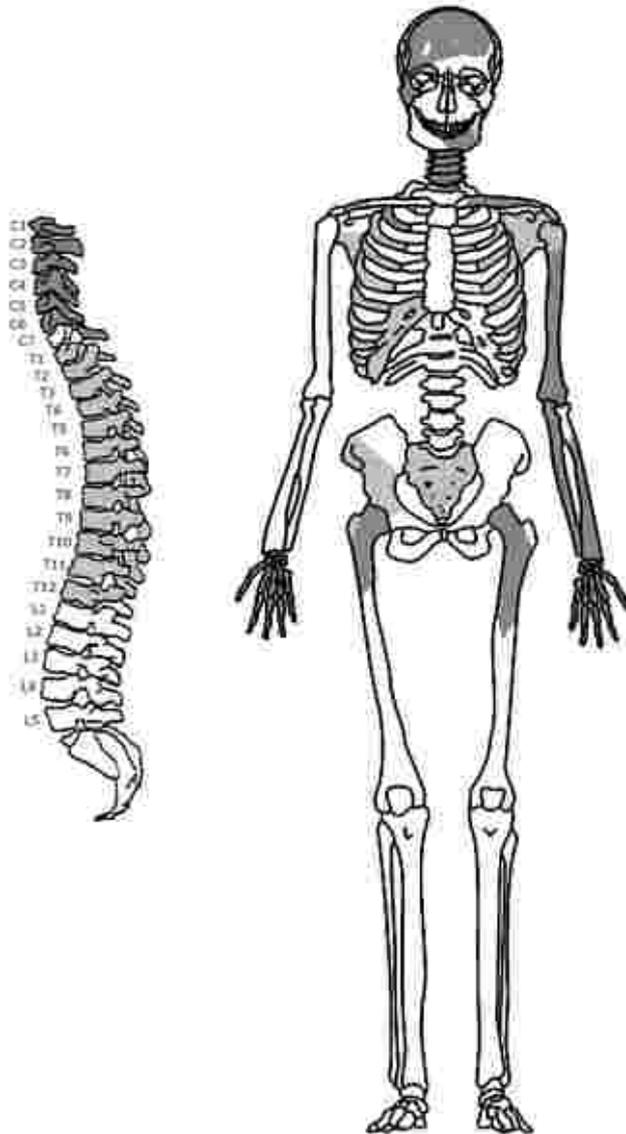
Burial Position and Details:

Plan No: 31E

Area No: 10

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The left arm and both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	N/P	N/P	N/P	N/P	4	4	2	2	1	1	1	1	1	
Calculus	2	2	2	N/P	2	2	2	2	2								
Caries	0	0	0	N/P	0	0	0	2	0								
Abscess	0	0	0	N/P	0	0	0	0	0								
Cyst	0	0	0	N/P	0	0	0	0	0								
E.Hypoplasia	0	0	0	N/P	0	0	0	0	0								
Period. Dis.	n/a	n/a	n/a	N/P	1	1	1	1	1								
Attrition	2	2	2	N/P	1	1	3	3	2								

Dental Disease

Antemortem Tooth Loss

SK272 exhibits antemortem tooth loss of the mandibular central incisors. Complete secondary resorption of the alveolar process at the affected tooth sites has occurred:

Caries

Tooth 37: Medium-sized carious lesion present at the crown of the tooth.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of C5 and C6 in the form of porosity, pitting and surface osteophyte formation.

SK 272: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
Vertebral Intervertebral osteochondrosis

SK 274

Adult

Sex Not Recordable

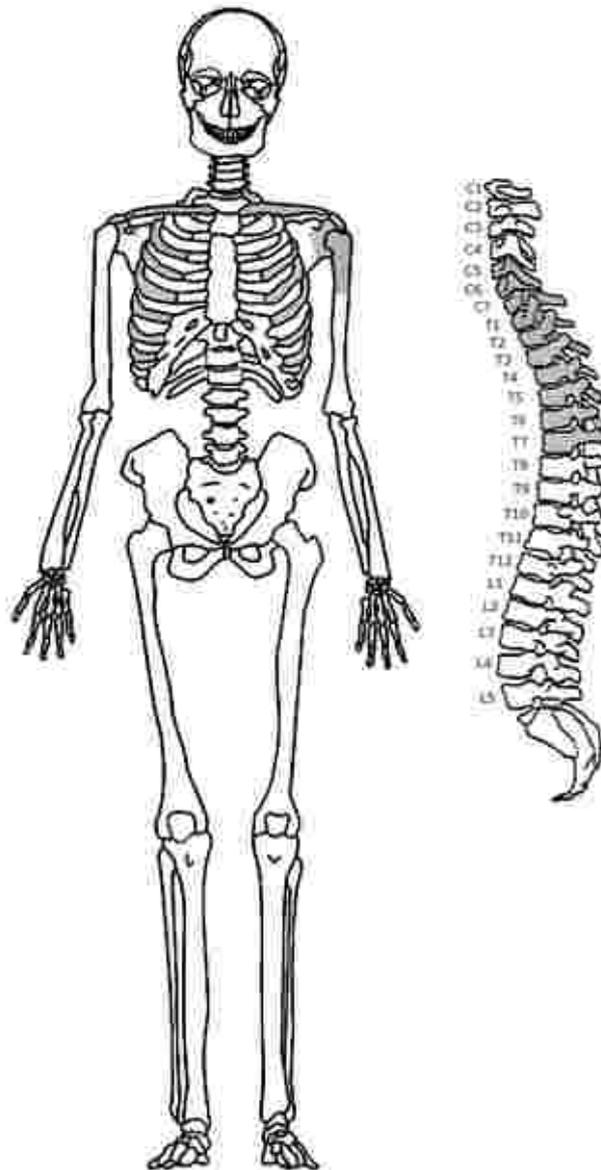
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	3, 4	3, 4	0	0				0	0			
C6	3, 4	4	0	0				0	4			
C7	3, 4	0	3	3, 4				3	3, 4			
T1	0	0	0	0	4	0	3, 4	0	4	0	0	N/R
T2	0	0	4	0	3	0	0	4	0	4	N/R	N/R
T3	1 thoracic centrum; porosity exhibited on the superior and inferior surface 5 thoracic neural arches present; microporosity exhibited on 4 articular facets											
T4												
T5												
T6												
T7												
T8												
T9												

SK 274: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD

SK 277B

Young Adult

Female

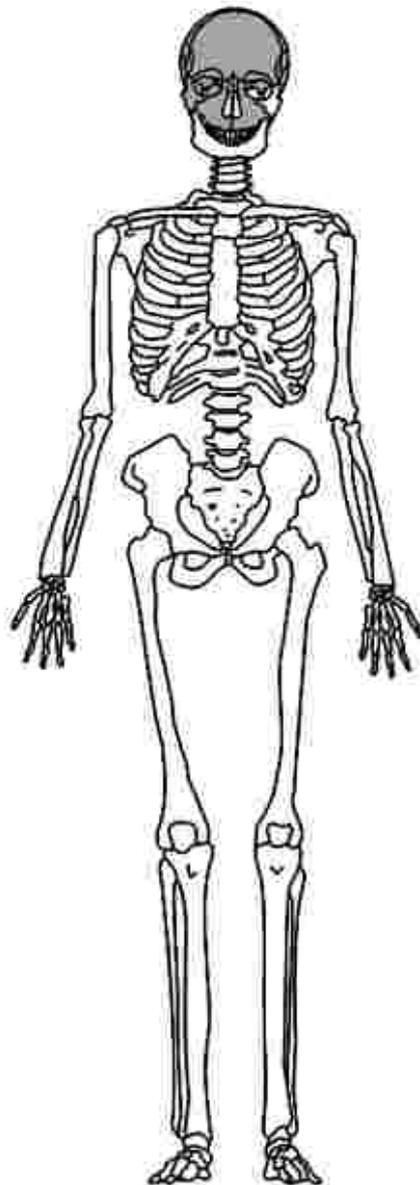
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/R	1	1	0	N/R	0	0	N/R	N/R	N/R	1	0	N/R	1	1	N/R
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R	0	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/R	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R	1	0	N/R
Calculus	N/R	2	2	2	N/R	1	1	N/R	N/R	N/R	1	1	N/R	2	1	N/R
	2	1	1	1	2	1	1	2	2	2	1	1	2	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	N/P												
Calculus	N/P	0	0	N/P												
Caries	N/P	0	0	N/P												
Abscess	N/P	N/R	N/R	N/P												
Cyst	N/P	N/R	N/R	N/P												
E.Hypoplasia	N/P	0	0	N/P												
Period. Dis.	N/P	N/R	N/R	N/P												
Attrition	N/P	0	0	N/P												

Dental Disease

Caries

Tooth 26: Small carious lesion present at the tooth crown

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 5 CO is exhibited in the antero-lateral, antero-medial and antero-intermediate sector of the left orbital roof. The lesions appear to have been healed at the time of death.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern indicates this lesion was active at the time of death.

*Infection**Bone Loss and Bone Inflammation: Reactive new bone formation*

The left maxilla and zygomatic bone present a channel running from the most anterior-medial portion of the left zygomatic bone (the maxillary process) bearing inferiorly and laterally towards the masseteric origin. The margins of the lesion are not sharply defined. An associated periosteal inflammatory lesion in the form of sclerotic bone is also apparent. These bony changes may be as a result of a chronic infection of the eye.

SK 277B: Palaeopathological Summary and Differential Diagnoses

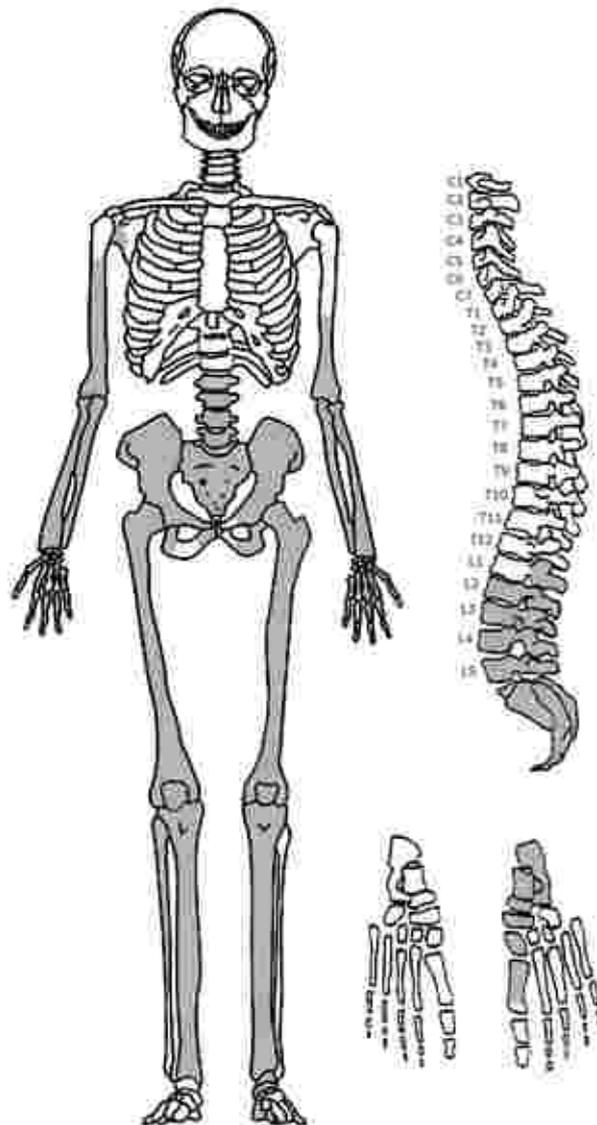
Dental Caries, calculus, dental attrition
Metabolic Porotic Hyperostosis , CO
Infection Non-specific: periostitis, abnormal bone loss

SK 278**Young Adult****Female: 143.64 ± 3.55 cm****Burial Position and Details:**

Plan No: 32

Area No: 20

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both the arms the legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 278: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 279**Young Adult****Male: 167.94 ± 2.99 cm****Burial Position and Details:**

Plan No: 32B

Area No: 20

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing east. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The left hand was positioned over the pelvic region with the right hand by the side of the body. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/R	1	N/R	N/P	N/P	N/P	N/P	N/P	1	0	1	1	0	2	1	0	
Period. Dis.	N/R	0	N/R	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/R	0	N/R	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	
Cyst	N/R	0	N/R	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	
Abscess	N/R	0	N/R	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	
Caries	N/R	0	N/R	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	
Calculus	N/R	2	N/R	N/P	N/P	N/P	N/P	N/P	2	1	2	2	2	2	2	1	
		2	1	2	N/P	N/P	N/P	N/P	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Calculus	N/P	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	N/P	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Attrition	N/P	2	2	1	0	1	1	1	1	1	1	1	1	1	2	2	N/P

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, L1 and L2.

SK 279: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition

Vertebral Schmorl's nodes

SK 280	Middle Adult	Male: 165.18 ± 3.27 cm
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Burial Position and Details:

Plan No: 31C

Area No: 7/10

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Infection

Reactive Bone Formation

A reactive bone deposit in the form of woven bone is present on the visceral surface of one rib fragment.

Trauma

Fracture

An impaction fracture is present at the proximal articular facet of an unnumbered proximal hand phalanx. The fracture line is still evident at the articular facet. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in secondary osteoarthritis at the affected metacarpophalangeal joint in the form of sharp ridge lipping (marginal osteophytes).

SK 280: Palaeopathological Summary and Differential Diagnoses.

Infection Non-specific: reactive bone deposit

Trauma Fracture

Joint Secondary Osteoarthritis

SK 282

Old Adult

Female: 156.01 ± 3.57 cm

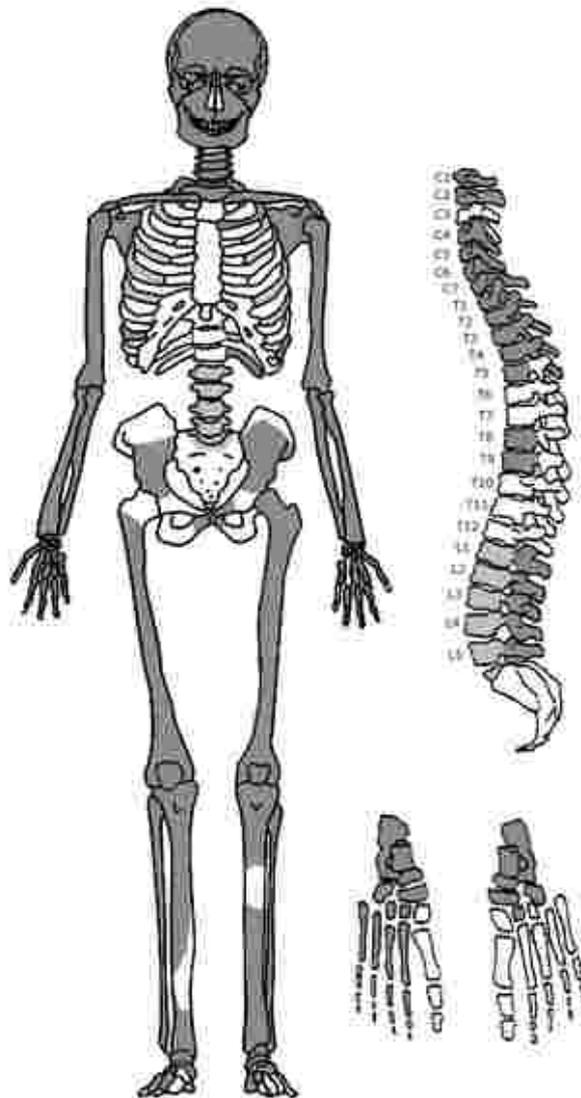
Burial Position and Details:

Plan No: 24C

Area No: 7

W-E orientation; simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	1	2	3	N/R	N/R	1	1	N/R	N/R	2	1	1	1	2	1	N/R
Period. Dis.	1	0	1	N/R	N/R	0	0	N/R	N/R	0	0	0	0	0	0	N/R
E.Hypoplasia	0	0	0	N/R	N/R	0	0	N/R	N/R	0	0	0	0	0	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	N/R	N/R	0	0	N/R	N/R	0	0	0	0	0	0	N/R
Calculus	2	1	2	N/R	N/R	1	1	N/R	N/R	1	1	2	1	2	1	N/R
	1	1	1	2	2	1	1	2	2	1	1	1	1	1	1	5
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	3	1	0	1	2	3	3	2	2	1	1	3	2	3

Dental Disease

Caries

Tooth 38: Small carious lesion present at the mesial aspect of the neck of the tooth

Tooth 46: Small carious lesion present at the mesial aspect of the neck of the tooth

Cranial Pathology

Trauma

Blunt-force

A healed depression fracture is present at the left occipital adjacent to the lambdoid suture. The lesion is oval in shape measuring 13.98mm anterior-posterior and 9.55mm superior-inferior. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3, 4	3	0	0				3	0			
C2	3, 4	4	0	3, 4				0	3, 4			
C4	0	3	3	3, 4, 2				3, 4	3, 4, 2			
C5	3, 4	3	3, 4, 2	3, 4				3, 4, 2	3, 4, 2			
C6	0	3, 4	3, 4	3				3, 4, 2	3			
C7	3, 4	3, 4	3	3, 4				0	0			
T1	3, 4	0	3, 4	3, 4	N/R	0	N/R	0	3, 4	3	0	N/R
T2	0	3	3, 4	3	3, 4	3	0	3, 4	0	3	0	0
T3	3	3	0	0	0	4	N/R	0	0	0	N/R	N/R
T4	0	0	0	0	0	0	N/R	N/R	4	0	0	N/R
T5	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T8	3, 4	3, 4	N/R	N/R	N/R	4	N/R	N/R	N/R	0	N/R	N/R
T9	3, 4	3, 4, 5	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R
T10	One badly fragmented vertebral body could be lower thoracic or lumbar, shows structural collapse and a schmorl's node, moderate expression on the superior surface.											
T11												
T12												
L1	4	N/R	3, 4	4				3, 4	3			
L2	3, 4	3, 4	N/R	3, 4				0	0			
L3	3, 4	N/R	3, 4	3, 4				3, 4	3, 4			
L4	N/R	N/R	3, 4	3, 4				3, 4	3, 4			
L5	N/R	N/R	3, 4	3, 4				3, 4	3, 4			
L6	N/R	N/R	3, 4	3, 4				3, 4	3, 4			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T9 and one unnumbered fragmented thoracic vertebra.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the following apophyseal vertebral joints: Right superior facet C5, right inferior facet of C4, left superior facet of C5 and C6, left inferior facets of C4 and C5.

Metabolic/Trauma

Osteoporosis with Pathological Fractures

SK 282 exhibits osteopenia of a number of skeletal elements indicative of osteoporosis. Pathological fractures at the vertebra and the distal left radius are consistent with a differential diagnosis of osteoporosis.

Two compression fractures are present at L1 and L2 respectively resulting in a wedge-shaped appearance to the affected vertebral bodies. Significant angulation of the spine is a likely outcome of these fractures in conjunction with the structural collapse of adjacent vertebrae (described above).

A Colles' fracture is present at the distal shaft of the left radius. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus bone formation is also observable. Malunion of the fracture has resulted in slight posterior displacement of the fractured end of the bone. This fracture has also resulted in secondary shortening of the affected radial shaft by 7mm.

Joint

SK 282 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Sternoclavicular</i>	Surface porosity, marginal osteophytes	Right acromial process Left and Right Clavicle
<i>Glenohumeral</i>	Marginal Osteophytes	Left and Right Humeral Head
<i>Ribs</i>	Surface porosity	Left and Right Glenoid fossa 4x Left Rib Heads
<i>Wrist</i>	Surface porosity, periarticular resorptive foci, eburation, marginal osteophytes	3x Right Costal Facets Left distal ulna, pisiform and trapezium
<i>Hand</i>	Marginal osteophytes, periarticular resorptive foci, eburation, surface porosity	Right capitate, pisiform, trapezium and hamate Left MC1 and MC2 Right MC1, MC2, MC3, MC4, MC5, 1 st proximal phalanx (proximal articular surface), 1 st distal phalanx and 3x proximal phalanges (proximal surfaces).
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Left Acetabulum
<i>Knee</i>	Marginal osteophytes, eburation	Right Acetabulum Left and Right Femoral Condyles Left and Right Tibial epicondyles

Ankle Surface porosity, marginal osteophytes,
eburnation

Left and Right Tibia
Left fibula
Left and Right Calcaneus
Left and Right Talus

Miscellaneous Pathology

Two unidentified calcified biological objects were found with SK 282; the first was recovered from the sacral fragments whilst the second was recovered from the hand bag.

SK 282: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition
Vertebral Schmorl's nodes, Intervertebral osteochondrosis, Osteoarthritis
Joint Osteoarthritis
Metabolic Osteoporosis
Trauma Blunt-force trauma, Pathological fractures: Vertebral compression fractures, Colles' fracture
Miscellaneous Calcified biological objects

SK 283

Young Adult

Sex Not Recordable

Burial Position and Details:

Plan No: 24C

Area No: 7

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

SK 283: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 284

Adult

Sex Not Recordable

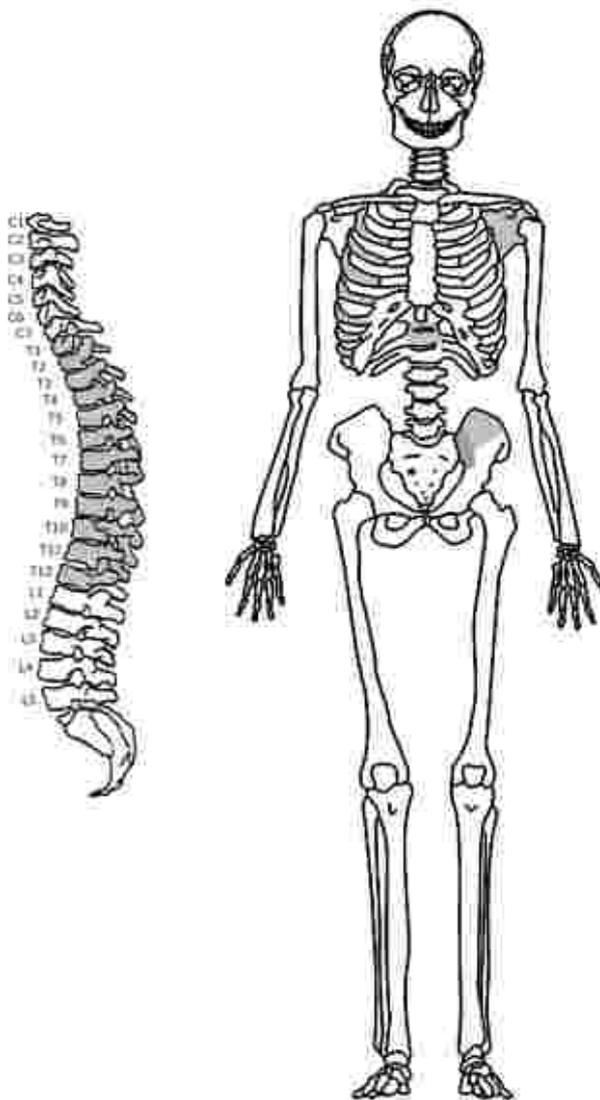
Burial Position and Details:

Plan No: 24C

Area No: 7

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 284: Palaeopathological Summary and Differential Diagnoses

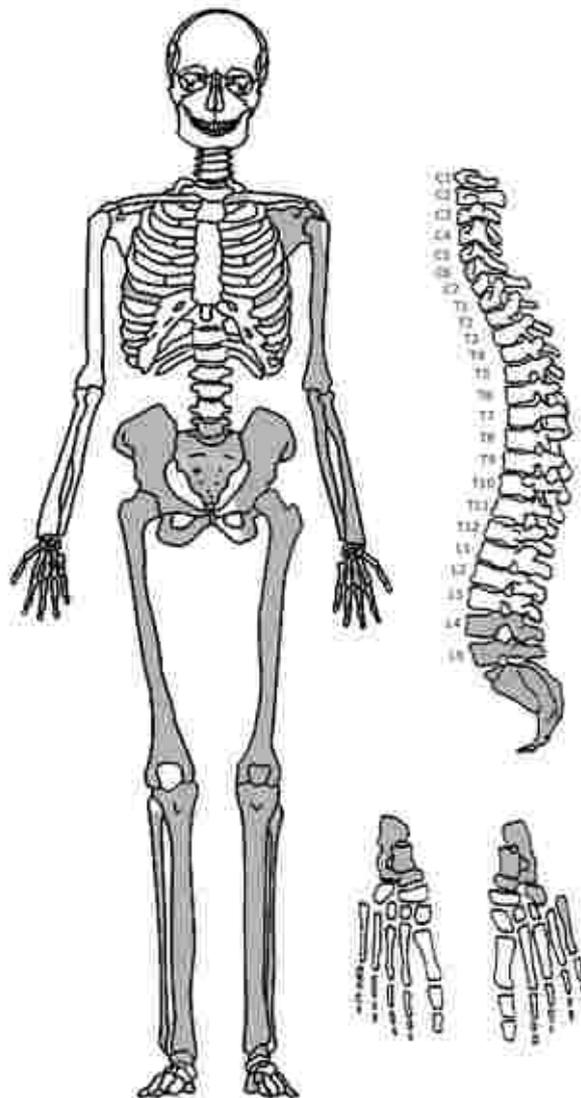
No pathological lesions were observed on the skeletal elements present for analysis.

SK 285**Middle Adult****Female: 161.07 ± 3.55 cm****Burial Position and Details:**

Plan No: 25C

Area No: 4

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 285: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 286

Middle Adult

Female: 146.73 ± 3.72 cm

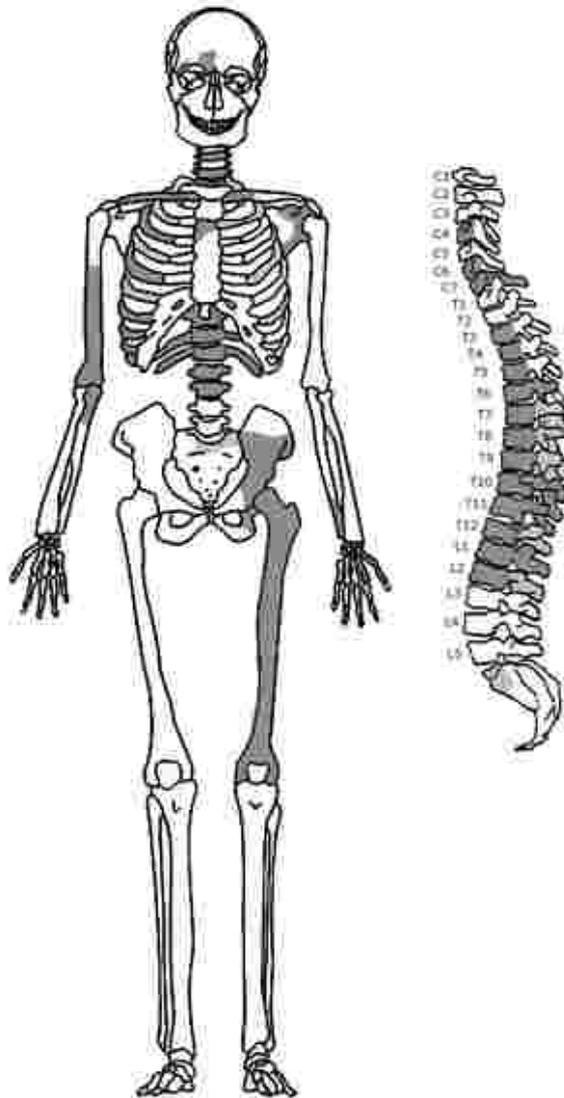
Burial Position and Details:

Plan No: 31C

Area No: 10

W-E orientation; simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Joint

SK 286 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
Os Coxae	Surface porosity, marginal osteophytes	Left acetabulum

SK 286: Palaeopathological Summary and Differential Diagnoses*Joint* Osteoarthritis

SK 287

Young Adult

Female: 159.05 ± 3.55 cm

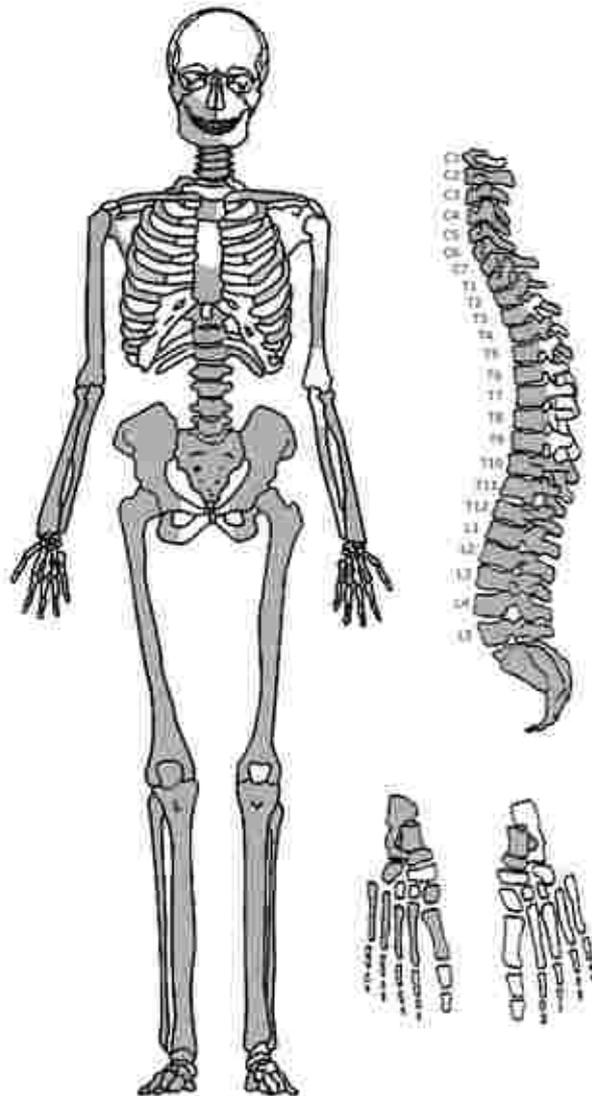
Burial Position and Details:

Plan No: 25C

Area No: 4

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both the arms and legs were extended straight.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	1	1	2	1	1	1	1	N/P								
Period. Dis.	0	0	0	0	0	0	0	N/R	N/P							
E.Hypoplasia	0	0	0	0	0	0	0	N/P								
Cyst	0	0	0	0	0	0	0	N/R	N/P							
Abscess	0	0	0	0	0	0	0	N/R	N/P							
Caries	0	0	0	0	0	0	0	N/P								
Calculus	1	1	2	1	1	1	1	N/P								
	1	1	1	1	1	1	1	2	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	2	2	2	2	N/R	N/R	N/P	N/P	N/P
Calculus	1	1	1	1	1	N/P										
Caries	0	0	0	0	0	N/P										
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
E.Hypoplasia	0	0	0	0	0	N/P										
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Attrition	1	2	2	0	0	N/P										

SK 287: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 288

Young Adult

Indeterminate Sex

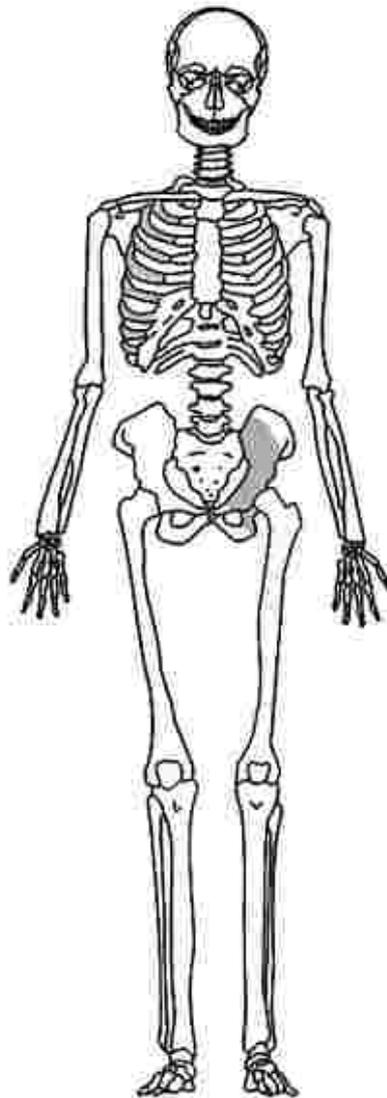
Burial Position and Details:

Plan No: 31C

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 288: Palaeopathological Summary and Differential Diagnoses

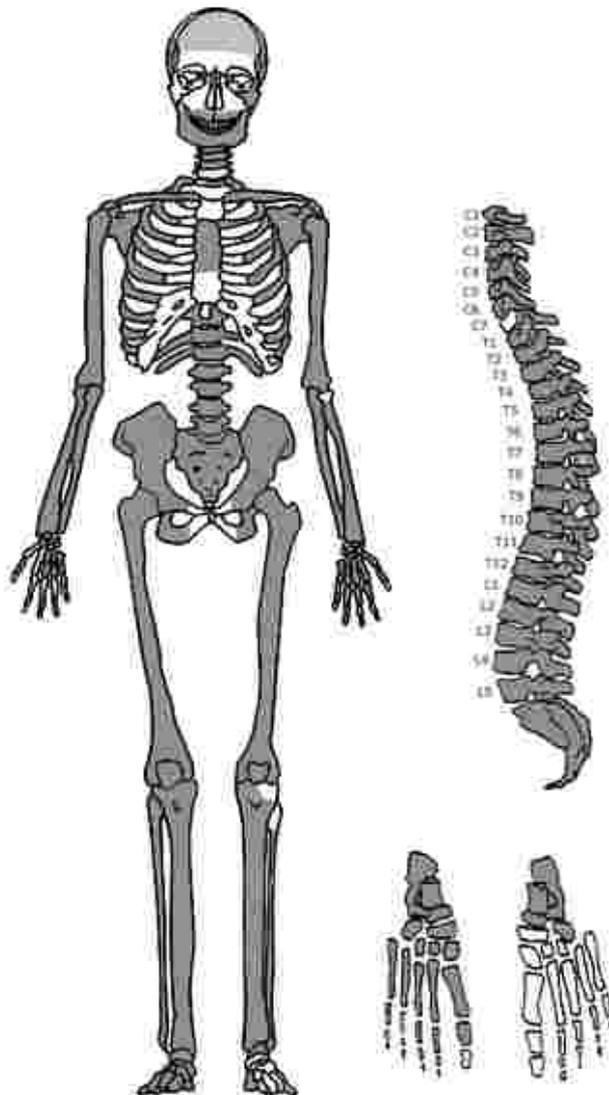
No pathological lesions were observed on the skeletal elements present for analysis.

SK 289**Young Adult****Probable Male: 169.2cm****Burial Position and Details:**

Plan No: 31C

Area No: 10

W-E orientation; simple, flexed burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the hands positioned together. Both legs were flexed with the feet together. SK289 was found in association with the adult remains of SK290. The legs of SK289 were positioned under the legs of SK290 in the same grave cut.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	0	1	0	0	0	0	0	N/P	N/P	0	0	0	1	0	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/P	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	N/P
Calculus	N/P	1	1	1	1	1	1	1	N/P	N/P	1	1	1	1	1	N/P
	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
Calculus	2	2	2	2	1	1	1	N/P	N/P	N/P	2	2	2	2	2	1
Caries	0	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	0	1	0	0	0	0	N/P	N/P	N/P	0	0	0	1	0	0

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Tooth 15 and 25 exhibit medial rotation by approximately 90°.

Post Cranial Pathology

Trauma

Sharp-force trauma

SK 289 exhibits two probable separate sharp-force weapon injuries at the right femur and right patella. The right femur exhibits a sharp sword cut at the postero-lateral aspect of the midshaft of the bone. The wound measures 16.9mm anterior-posterior and 1.7mm superior-inferior. The angle of the wound indicates the trauma was dealt from an inferior-lateral direction.

The second wound is observable at the right patella and presents as a probable sword cut at the lateral margin of the bone. The injury resulted in a triangular chip of bone becoming detached from the patella measuring 5mm x 8.1mm. This wound appears to have been dealt from an inferior-lateral direction.

In both cases there is no observable healing.

Fracture

A probable well-healed fracture is present at distal shaft of the right ulna. The fracture line is no longer evident due to probable extensive healing. Malunion of this fracture has resulted in lateral bowing of the fractured portion of the bone by approximately 45°.

SK 289: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, tooth rotation
Trauma Sharp-force post-cranial trauma

SK 290**Middle Adult****Male: 172.36 ± 2.99 cm****Burial Position and Details:**

Plan No: 31C

Area No: 10

W-E orientation; simple, flexed burial of good completeness and good preservation. The skull was positioned facing south. The left arm was flexed at the elbow crossing the pelvis with the hands positioned together. Both legs were flexed with the feet together. SK290 was found in association with the adult remains of SK289. The legs of SK290 were positioned over the legs of SK289 in the same grave cut.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	1	1	1	1	1	N/P	N/P	N/P	1	N/P	1	N/P	N/P	N/P	N/P	
Calculus	N/P	1	1	1	1	1	N/P	N/P	N/P	1	N/P	1	N/P	N/P	N/P	N/P	
Caries	N/P	0	0	0	0	0	N/P	N/P	N/P	0	N/P	0	N/P	N/P	N/P	N/P	
Abscess	N/P	0	0	0	0	0	N/P										
Cyst	N/P	0	0	0	0	0	N/P										
E.Hypoplasia	N/P	0	0	0	0	0	N/P	N/P	N/P	0	N/P	0	N/P	N/P	N/P	N/P	
Period. Dis.	N/P	0	0	0	0	0	N/P										
Attrition	N/P	2	2	1	1	1	N/P	N/P	N/P	2	N/P	1	N/P	N/P	N/P	N/P	

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

There is slight mesial rotation of Tooth 43.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate sector of the right orbital roof.

Post Cranial Pathology

Infection

Reactive Bone Formation: Possible Osteomyelitis

SK 290 exhibits extensive periosteal inflammatory lesions of the sacrum, left ribs and distal right MT5. Reactive bone deposits in the form of woven bone are present at the anterior bodies of sacral segments S4 and S5 and on the dorsal aspect of the distal diaphysis of MT5. Sclerotic bone is present at 4 left rib fragments. One of the affected left rib fragments exhibits extensive sclerotic bone formation on both the visceral and pleural surfaces. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Congenital

Symphalangism

Congenital fusion of two unnumbered foot phalanges (intermediate and distal) is observable.

SK 290: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Congenital</i>	Symphalangism

SK 291

Young Adult Male

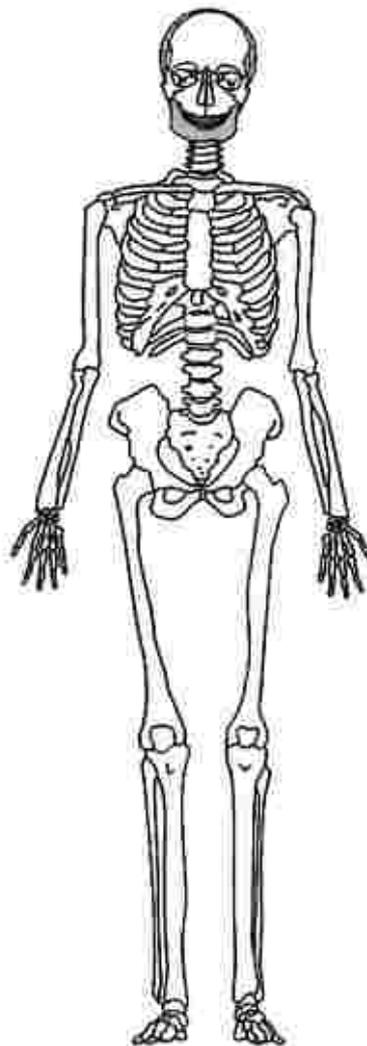
Burial Position and Details:

Plan No: Not specified

Area No Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	6	1	1	1	2	2	2	2	2	2	2	2	1	1	1	6
Calculus	N/R	1	1	1	N/R	1	1	1	N/R							
Caries	N/R	0	0	0	N/R	0	0	0	N/R							
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
E.Hypoplasia	N/R	0	0	0	N/R	0	0	0	N/R							
Period. Dis.	N/R	0	0	0	N/R	0	0	0	N/R							
Attrition	N/R	0	0	0	N/R	0	0	0	N/R							

SK 291: Palaeopathological Summary and Differential Diagnoses

Dental Calculus

SK 292

Middle Adult Female

Burial Position and Details:

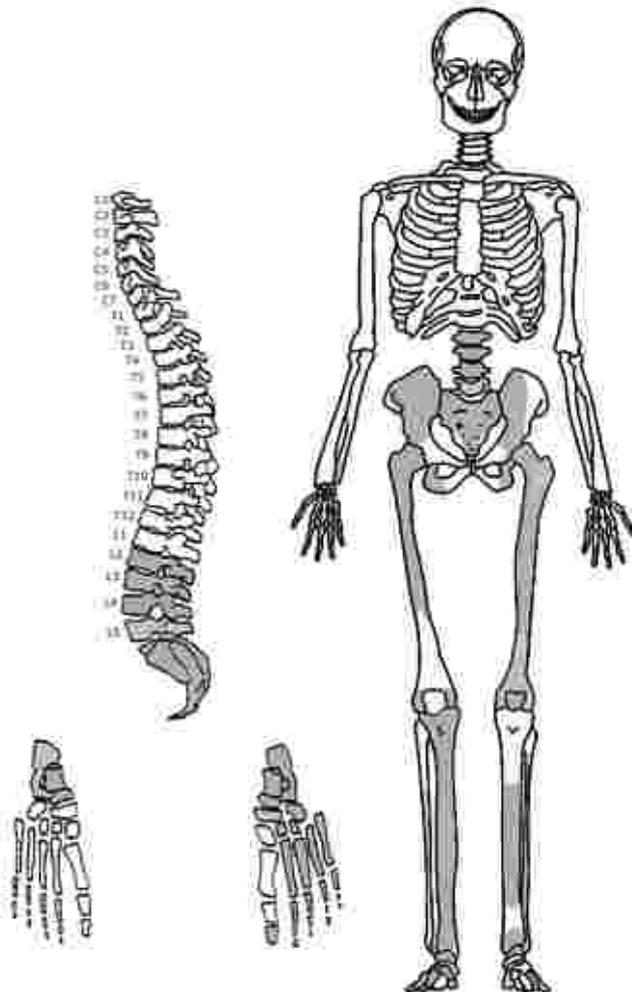
Plan No: 22A

Area No: 8/12

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

The right arm and both legs were extended straight with the feet together.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 292: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 293

Middle Adult

Female: 151.17 ± 3.72 cm

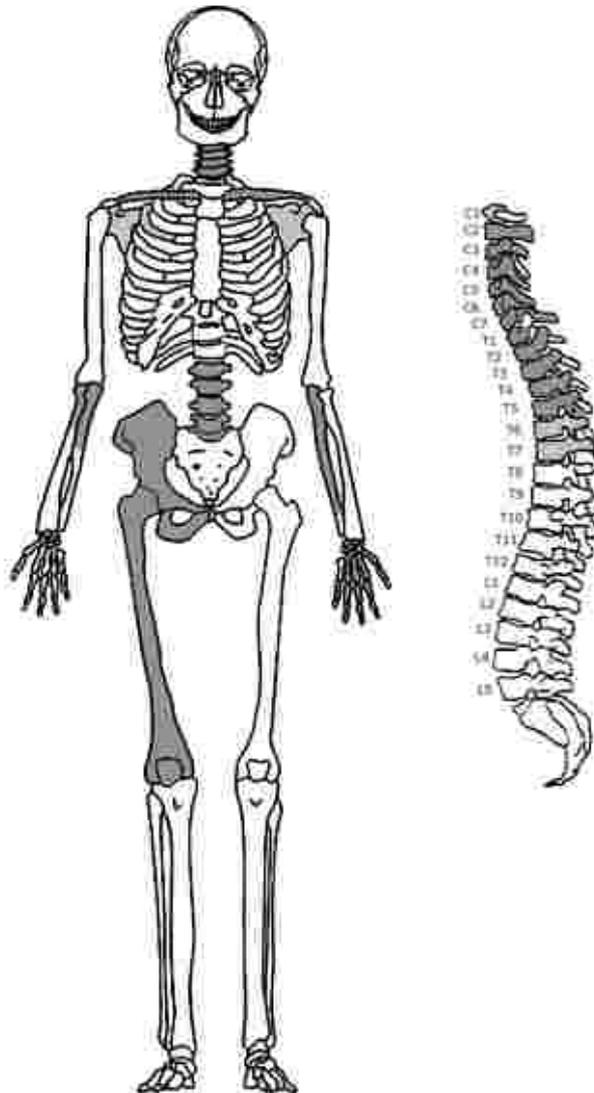
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	0				0	0			
C3	0	0	0	0				N/R	N/R			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	N/R	4	0	0	N/R	N/R	0	0	N/R
T2	0	0	0	0	0	0	0	0	0	0	0	N/R
T3	0	0	0	0	0	0	0	0	0	0	0	N/R
T4	0	0	0	N/R	0	0	0	0	N/R	0	0	N/R
T6	One unnumbered thoracic vertebra showing no pathological lesions											
T7												
T8												
T9												
I 1	5	0	0	0				0	0			
I 2	0	5	0	0				0	0			
L3	5	0	0	0				0	N/R			
L4	3, 4, 5	3, 4	0	0				0	0			
I 5	3, 4, 5	0	3	0				0	N/R			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of L1, L2, L3, L4 and L5.

Intervertebral Osteochondrosis

Erosive lesions indicative of osteochondrosis are also observable at the anterior portion of the inferior body of L4 and superior body of L5.

SK 293: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis

SK 295

Young Adult

Male: 162.35 ± 2.99 cm

Burial Position and Details:

Plan No: Not specified

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	0	1	2	1	1	2	1	2	2	1	2	2	1	2	1	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	0	0	0	1	1	0	0	1	1	0	0	1	1	1	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	0	2	2	1	1	1	0	0	0	1	1	1	1	2	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
Calculus	1	1	2	2	1	N/P	N/P	1	1	1	1	1	1	1	2	1
Caries	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	1	N/P	N/P	0	1	1	1	1	0	0	0	0
Period. Dis.	0	1	1	0	N/R	N/R	N/R	N/R	N/R	0	1	0	0	0	0	0
Attrition	1	1	2	2	1	N/P	N/P	2	2	2	2	2	2	2	1	0

Dental Disease

Enamel Hypoplasia

SK295 exhibits extensive hypoplasia of the enamel of the teeth occurring in all four dental quadrants as follows:

Tooth 11: 1 hypoplastic groove present; 6.52mm from the cemento-enamel junction

Tooth 14: 1 hypoplastic groove present; 2.34mm from the cemento-enamel junction

Tooth 15: 1 hypoplastic groove present; 3.42mm from the cemento-enamel junction

Tooth 21: 1 hypoplastic groove present; 6.97mm from the cemento-enamel junction

Tooth 24: 1 hypoplastic groove present; 3.11mm from the cemento-enamel junction

Tooth 25: 1 hypoplastic groove present; 3.65mm from the cemento-enamel junction

Tooth 26: 1 hypoplastic groove present; 2.42mm from the cemento-enamel junction

Tooth 31: 1 hypoplastic groove present; 5.05mm from the cemento-enamel junction

Tooth 32: 1 hypoplastic groove present; 5.39mm from the cemento-enamel junction

Tooth 33: 1 hypoplastic groove present; 8.17mm from the cemento-enamel junction

Tooth 34: 1 hypoplastic groove present; 4.33mm from the cemento-enamel junction

Tooth 44: 1 hypoplastic groove present; 3.28mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Cribrra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and antero-medial sector of the left and right orbital roofs.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of T10 and T11.

SK 295: Palaeopathological Summary and Differential Diagnoses

Dental Enamel hypoplasia, periodontal disease, calculus, dental attrition
Vertebral Schmorl's nodes
Metabolic Porotic Hyperostosis , CO

SK 296

Young Adult

Male: 173.27 ± 2.99 cm

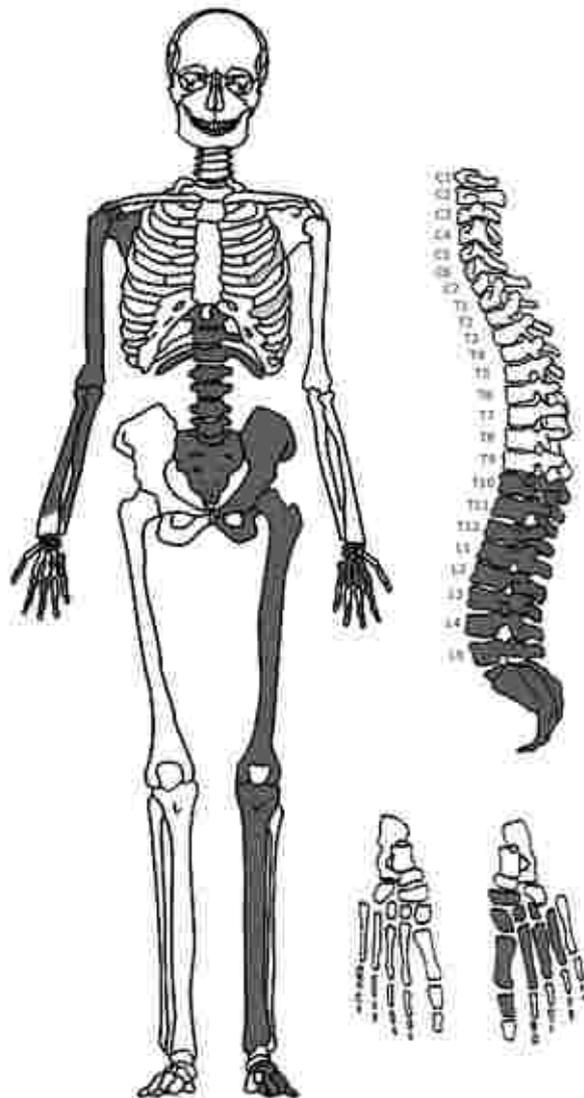
Burial Position and Details:

Plan No: Not specified

Area No: 7

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T12 and L1.

SK 296: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 297A

Middle Adult

Probable Female

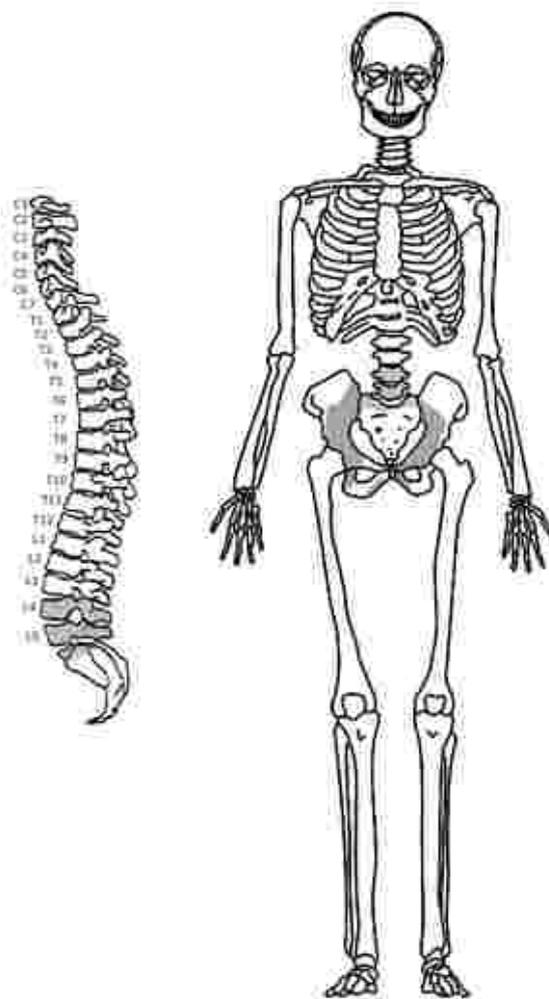
Burial Position and Details:

Plan No: Not specified

Area No: 7

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
L1	6 lumbar vertebral fragments (most likely represent L4 and L5) present; macroporosity and osteophytes observable on 2 superior facets (unable to assign number); macroporosity present on 1 fragment of centrum											
L2												
L3												
L4												
L5												

SK 297A: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD

SK 297B

Adult

Sex Not Recordable

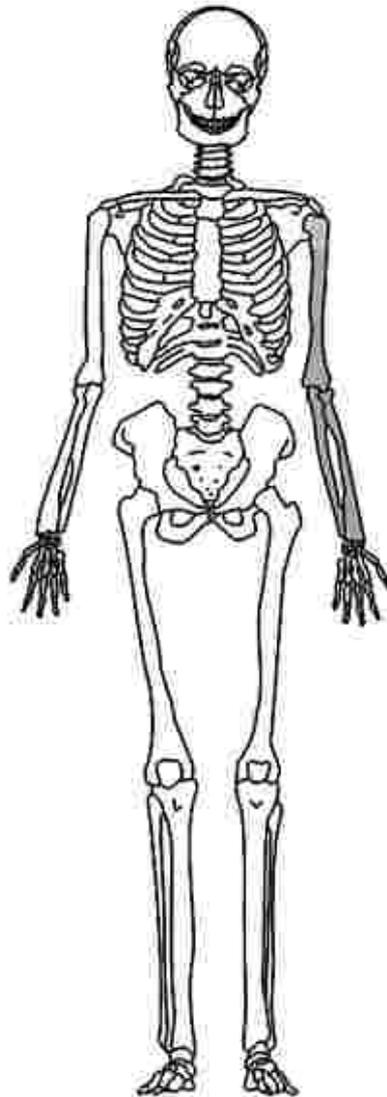
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 297B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 299

Middle Adult

Female: 156.36 ± 3.72 cm

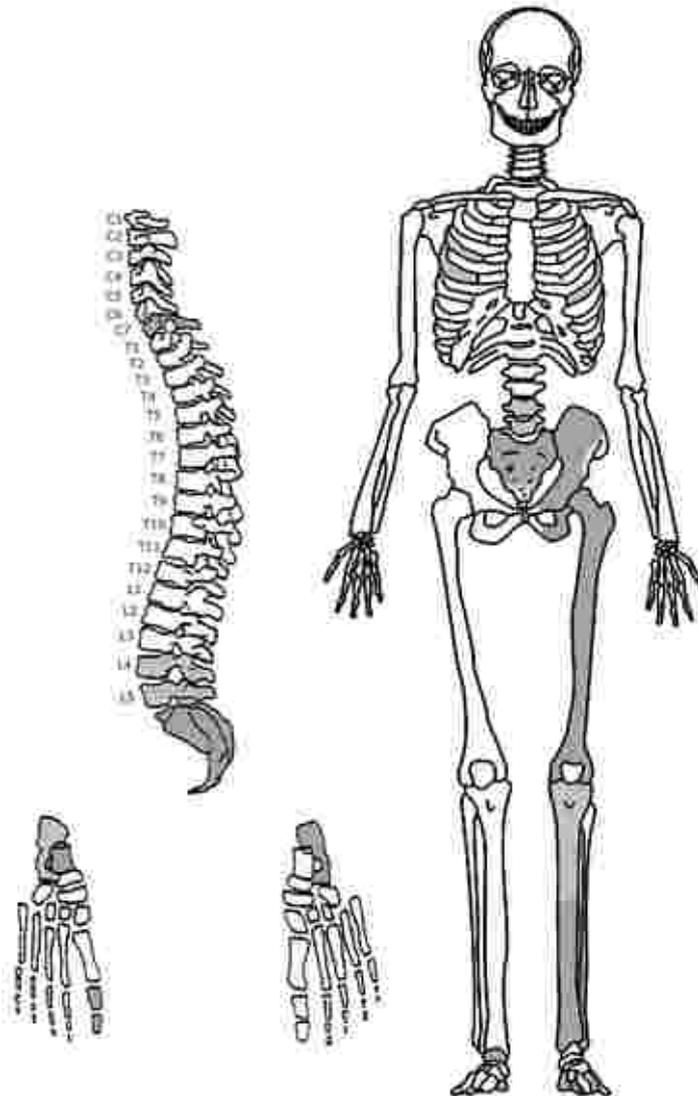
Burial Position and Details:

Plan No: 25A

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The left leg was extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
L1	N/R	N/R	N/R	N/R				3	0			
L2	N/R	N/R	3	0				0	0			
L3	N/R	N/R	0	0				0	0			
L4	4	N/R	0	0				0	0			
L5	N/R	3	3	3				0	0			

SK 299: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD

SK 300

Adult

Sex Not Recordable

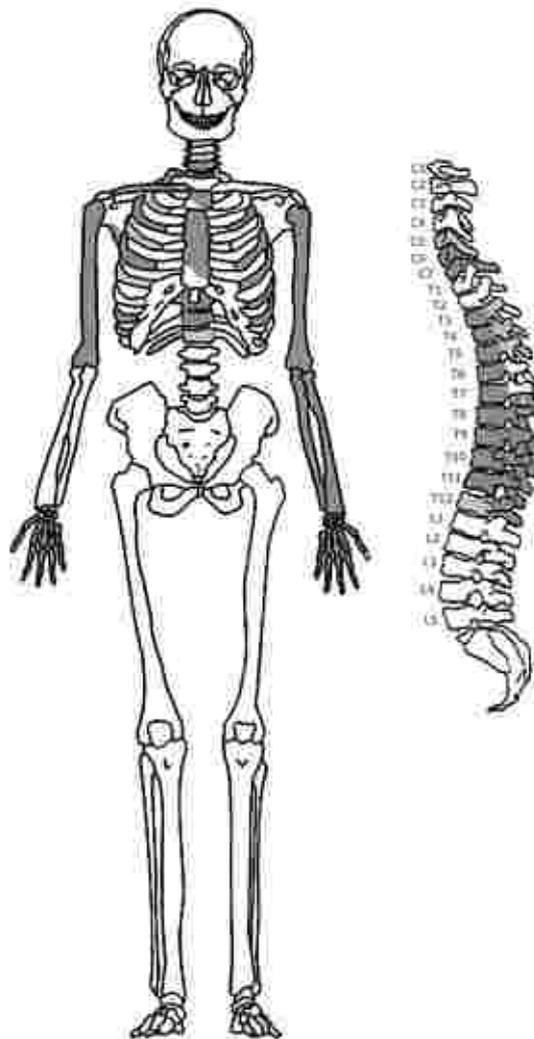
Burial Position and Details:

Plan No: 22B

Area No: Not specified

NW-SE orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	0	0	N/R	N/R				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T4	0	0	0	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T5	0	0	0	N/R	0	0	N/R	0	0	0	0	0
T6	0	3, 4	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T7	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	3, 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T9	0	3, 4	0	N/R	0	0	N/R	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	4			0	0	0		
T12	0	N/R	0	0	0			0	0	0		

Infection

Reactive Bone Formation

Reactive bone deposits in the form of small patches of woven bone are present at the visceral surfaces of 2 right rib fragments. There is no healing apparent before the time of death.

Trauma

Fractures with secondary traumatic arthritis

A Colles' fracture is present at the distal shaft of the left radius. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in secondary DJD at the affected radiocarpal joint in the form of barely discernible lipping (marginal osteophytes).

SK 300: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits
Trauma Colles fracture

SK 301

Middle Adult

Female: 157.35 ± 3.72 cm

Burial Position and Details:

Plan No: 25A

Area No: 4

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The hands were positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Dentition

Attrition	1	N/P														
Period. Dis.	N/R	N/P														
E.Hypoplasia	0	N/P														
Cyst	N/R	N/P														
Abscess	N/R	N/P														
Caries	0	N/P														
Calculus	1	N/P														
	1	N/P														
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	2	2	2	N/R	N/R	N/R	N/R	2	N/R	N/P	N/P	N/P	N/P
Calculus	1	1	1	N/R	N/P	N/P	N/P	N/P								
Caries	0	0	0	N/R	N/P	N/P	N/P	N/P								
Abscess	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	N/R	N/P	N/P	N/P	N/P
Cyst	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	N/R	N/P	N/P	N/P	N/P
E.Hypoplasia	0	0	0	N/R	N/P	N/P	N/P	N/P								
Period. Dis.	0	0	1	N/R	N/P	N/P	N/P	N/P								
Attrition	1	1	2	N/R	N/P	N/P	N/P	N/P								

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is healed at the time of death.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	4	0	0				0	0			
C4	3, 4	4	0	0				0	0			
C5	4	3, 4	0	0				N/R	N/R			
C6	3, 4	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T2	3	3, 4	0	0	3, 4	N/R	0	0	0	3, 4	4	0
T3	0	0	0	3, 4	N/R	N/R	N/R	0	0	N/R	N/R	0
T4	0	0	3, 4	3, 4	0	0	N/R	0	0	0	0	N/R
T5	3	3, 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	4	N/R
T6	3, 4	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T7	3, 4	5	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T8	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T9	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T10	N/R	N/R	0	0	N/R			0	0	0		
T11	0	0	0	0	4			0	0	4		
T12	0	N/R	0	N/R	0			0	N/R	4		
L1	0	0	0	N/R				0	0			
L2	N/R	N/R	0	0				0	0			
L3	N/R	N/R	0	0				0	0			
L4	0	0	0	0				3	0			
L5	0	0	0	0				0	2, 3, 4			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of T7.

Joint

SK301 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left Temporal and mandibular condyle
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Left and Right acromion process Left and Right Clavicle
<i>Ribs</i>	Surface porosity	Left and Right 1 st Rib head
<i>Wrist</i>	Surface porosity, eburnation, marginal osteophytes	1x Right Costal Facet Left trapezoid, scaphoid and pisiform
<i>Hand</i>	Marginal osteophytes, eburnation	Left, MC1, MC5, 1 st proximal phalanx 4x Left proximal phalanges 3x Left Intermediate phalanges 5 x Left distal phalanges Right MC1, MC3, MC4, MC5, 1 st proximal phalanx (proximal articular surface) 4x Right proximal phalanges 3x Right Intermediate phalanges 4 x Right distal phalanges

SK 301: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's node, DJD
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	Porotic Hyperostosis

SK 302

Adult

Sex Not Recordable

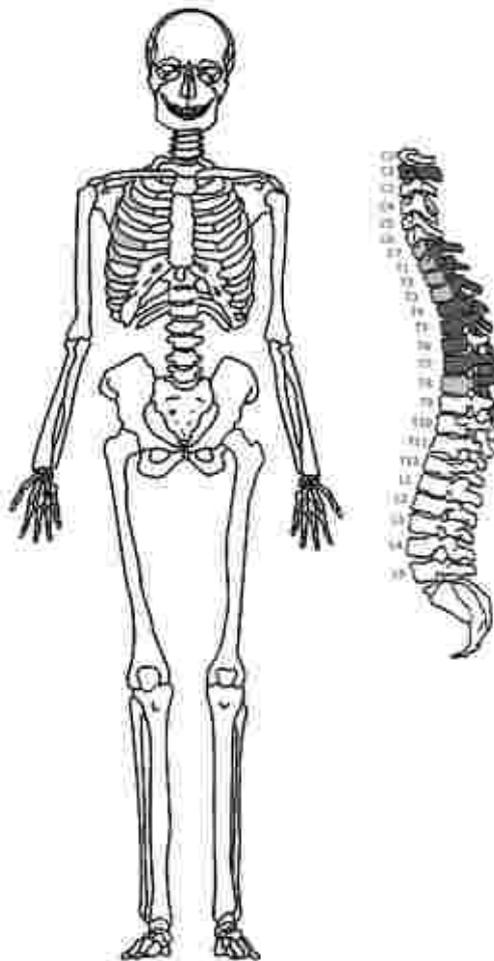
Burial Position and Details:

Plan No: 24D

Area No: 7

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 302: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 303**Young Adult****Female: 157.24 ± 3.55 cm****Burial Position and Details:**

Plan No: 24D

Area No: 7

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C3	0	0	0	0				0	0			
C4	0	0	4	0				4	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	4	0	0	0	0	0	0	0	N/R	0
T2	0	0	0	0	N/R	0	N/R	0	0	0	0	N/R
T3	0	0	0	4	0	0	0	0	0	0	N/R	0
T4	0	0	0	0	0	0	4	0	0	N/R	N/R	0
T5	0	0	0	4	0	N/R	0	0	0	0	0	0
T6	0	0	0	0	0	N/R	0	0	0	0	4	0
T7	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T9	0	0	0	0	N/R	N/R	N/R	0	0	0	4	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	0	4	0	4			0	0	0		
T12	0	4, 5	0	0	4			0	0	0		
L1	4, 5	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

SK 303 exhibits Schmorl's nodes of marked expression in the vertebral bodies of T12 and L1.

Congenital

Symphalangism

Congenital fusion of two unnumbered foot phalanges (proximal and intermediate) is observable.

SK 303: Palaeopathological Summary and Differential Diagnoses

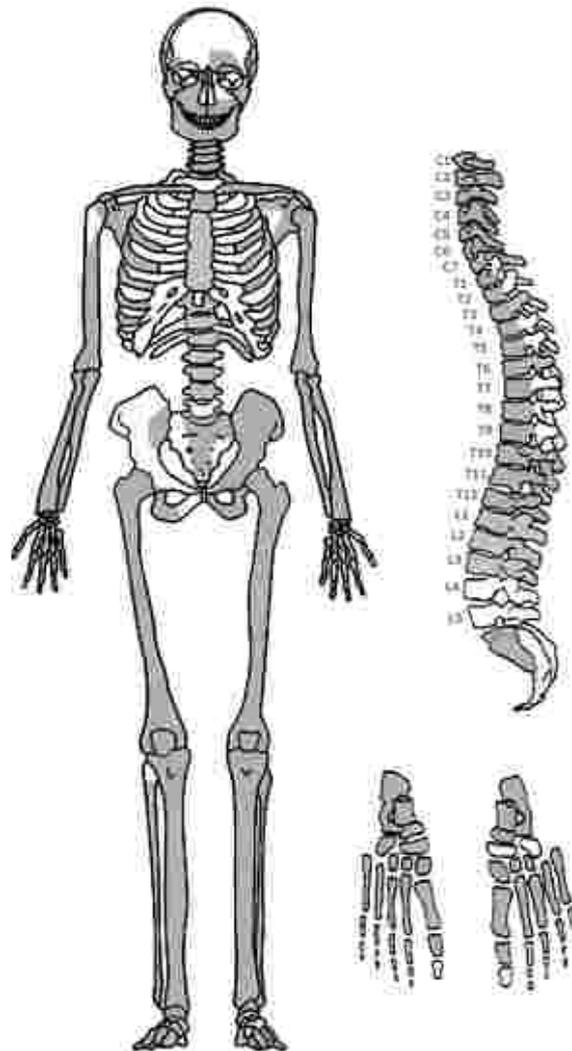
Vertebral Schmorl's nodes
Congenital Symphalangism

SK 306**Young Adult****Female: 152.04 ± 3.55 cm****Burial Position and Details:**

Plan No: 22B

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	1	2	2	2	2	2	2	2	2	2	1	N/R	2	2	1	
Period. Dis.	0	0	2	0	0	0	0	0	0	N/R	0	0	0	0	3	2	0
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Caries	N/P	1	0	0	0	0	0	0	0	0	0	0	0	3	2	2	2
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1
		2	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	N/P	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
Caries	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Attrition	2	N/P	2	1	1	2	2	2	2	2	2	2	1	1	2	2	2

Dental Disease

Caries, Abscess

Tooth 17: Medium-sized carious lesion present at distal aspect of neck of tooth penetrating the pulp cavity

Tooth 25: Large carious lesion present which has eroded the tooth crown so that only the root remains

Tooth 26: Medium-sized carious lesion present on medial aspect of tooth crown penetrating the pulp cavity; approximately 50% of tooth crown has been eroded by this lesion; associated abscess present at the apex of the tooth root on lingual aspect of the maxilla

Tooth 27: Medium-sized carious lesion present on distal aspect of tooth crown penetrating the pulp cavity; approximately 50% of tooth crown has been eroded by this lesion

Tooth 28: Medium-sized carious lesion present on medial aspect of neck of tooth

Congenital Abnormalities of the Teeth/ Jaws

There is distal rotation of Tooth 24.

Cranial Pathology

Infection

Reactive Bone Formation

SK 306 exhibits minor periosteal reactive lesions of the facial region at the right maxilla. Reactive bone deposits in the form of both woven and sclerotic bone are present on the posterior aspect of the right maxilla superior and posterior to Tooth 48. The cause of this lesion is ambiguous but may have arisen secondary to superficial trauma or infection.

Maxillary Sinusitis

A small patch of periostitis in the form of woven bone is also present within the left maxillary sinus. This lesion is likely to have been caused by maxillary sinusitis.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	4	0	0				0	0			
C4	0	3, 4	0	0				0	0			
C5	3, 4	4	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	0
T2	0	0	0	N/R	0	N/R	N/R	0	N/R	N/R	N/R	0
T3	0	0	0	0	0	0	0	0	N/R	0	0	N/R
T4	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T5	0	0	0	N/R	0	0	N/R	0	N/R	0	0	0
T6	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	0
T8	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T9	0	0	0	N/R	0	0	N/R	0	N/R	0	N/R	N/R
T10	0	0	3, 4	N/R	0			3	N/R	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	N/R			0	0	N/R		
L1	0	0	0	N/R				N/R	N/R			
L2	0	N/R	0	N/R				0	N/R			
L3	N/R	N/R	N/R	0				0	0			
L4	0	3, 5	N/R	2, 3, 4				0	3			
L5	3, 4	N/R	3, 4	N/R				3	N/R			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L4.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right inferior apophyseal vertebral joint of L4 in the form of eburnation, marginal osteophytes and surface porosity.

*Trauma**Fracture*

A hairline fracture is present at the distal articular surface of the right fibula. The fracture line is still evident. Healing in the form of sclerotic callus bone formation is also observable.

*Congenital**Cranial Border Shift*

Sacralisation of L5 is observable.

SK 306: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, dental abscess, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's node, Osteoarthritis
<i>Infection</i>	Non-specific: reactive bone deposits, Maxillary sinusitis
<i>Trauma</i>	Fracture
<i>Congenital</i>	Cranial border shift

SK 309

Young Adult

Indeterminate Sex

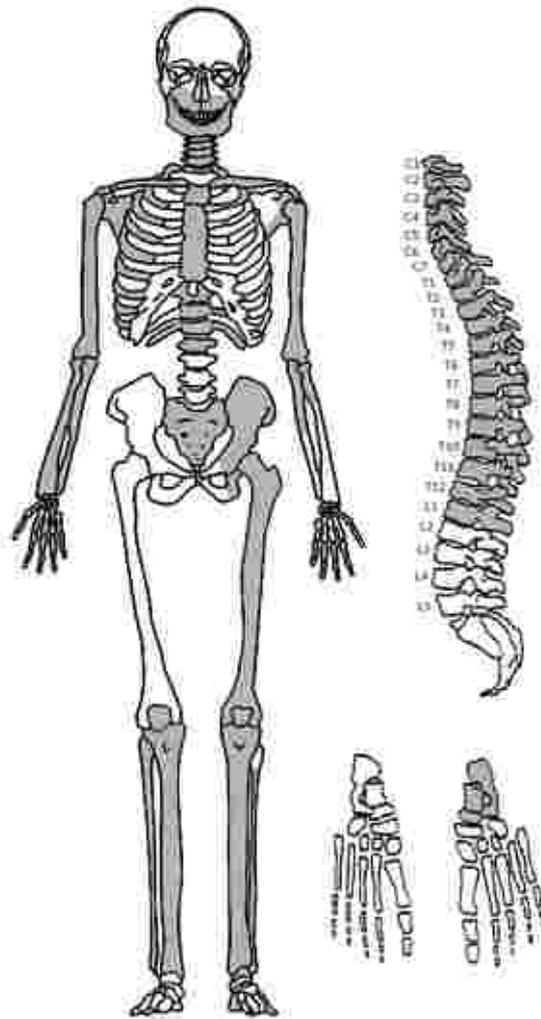
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	1	2	2	2	2	2	N/P	2	2	2	2	2	2	2	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	1	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	N/P
Calculus	1	1	1	1	1	1	1	N/P	1	1	1	1	1	1	1	N/P
	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	8
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
Calculus	1	1	1	1	1	2	2	2	N/P	2	2	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	1	1	2	2	2	N/P	2	2	1	1	2	1	1

Dental Disease

Caries

Tooth 18: Small carious lesion exhibited on the occlusal surface

Congenital Abnormalities of the Teeth/ Jaws

Tooth 28 is missing congenitally.

Post Cranial Pathology

Congenital

Cleft neural arch defect present at the level of the first cervical vertebra (C1)

SK 309: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition, congenitally absent 3rd molar
Congenital Cleft Neural Arch Defect

SK 310

Adult

Probable Female

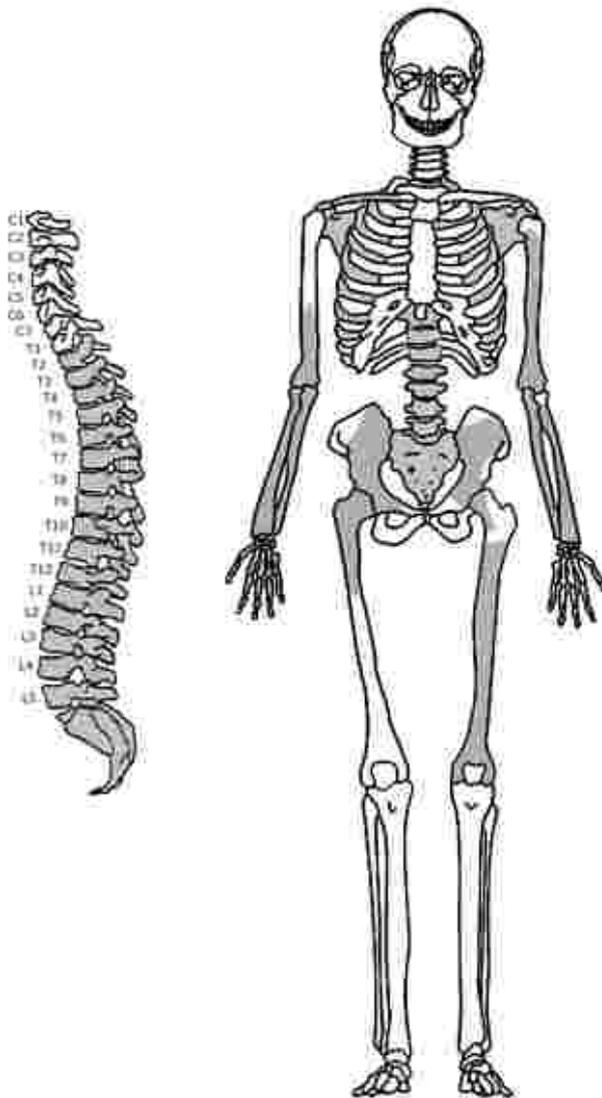
Burial Position and Details:

Plan No: 25A

Area No: 4

W-E orientation; simple, extended supine burial of moderate completeness and poor preservation. Both arms were extended with the right hands positioned over the right femur.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 310: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 312

Adult

Sex Not Recordable

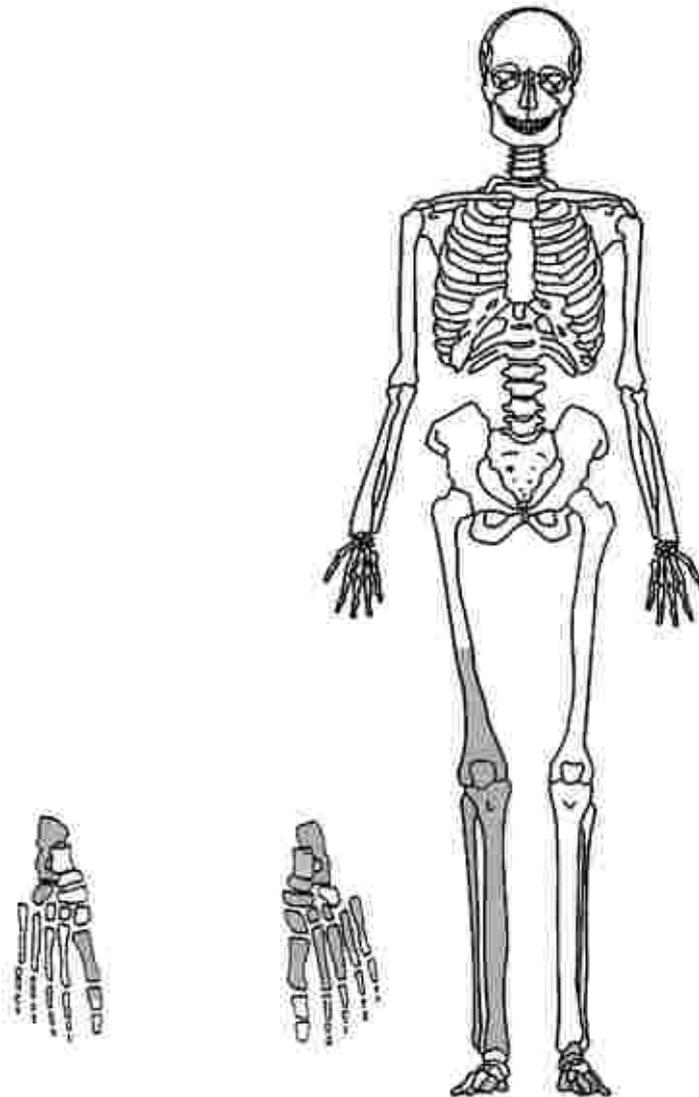
Burial Position and Details:

Plan No: 25A

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right leg was extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25-50%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Ossified Haematoma

A probable ossified haematoma is present on the anterior-medial aspect of the right tibial shaft. The lesion presents as an oval island of compact sclerotic bone measuring 79.5mm proximal-distal and 38.3mm anterior-posterior.

SK 312: Palaeopathological Summary and Differential Diagnoses

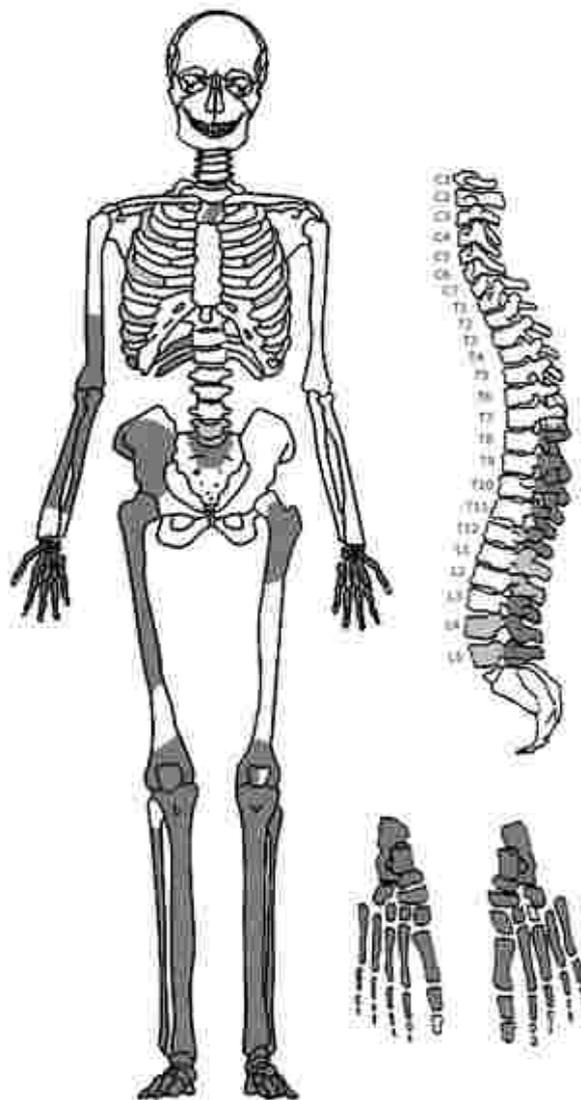
Trauma *Ossified Haematoma*

SK 314**Middle Adult****Indeterminate Sex****Burial Position and Details:**

Plan No: 22B

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The right arm was flexed at the elbow crossing the pelvis.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T8	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T9	N/R	N/R	4	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T10	N/R	N/R	0	0	N/R			0	N/R	N/R		
T11	N/R	N/R	0	0	0			0	0	0		
T12	N/R	N/R	0	0	0			0	0	0		
I 1	N/R	N/R	N/R	3, 4				N/R	0			
I 2	N/R	N/R	N/R	3, 4				N/R	0			
I 3	N/R	N/R	0	0				3	N/R			
I 4	N/R	N/R	0	3				3	3			
L5	N/R	3, 4	0	0				3	0			

Joint

Enthesophyte Formation

Vertical enthesophyte formation is present at the right patella. Enthesophytes indicative of possible ossified interossous membrane is also observable at the distal right fibula.

Joint

SK 314 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

Joint	Lesion Type(s)	Affected Skeletal Element(s)
Wrist	Eburnation	Right triquetrum
Hand	Marginal osteophytes	4x Proximal phalanges
Hip	Marginal osteophytes, surface porosity	Right MC4 Right Acetabulum

Knee Marginal osteophytes

Right Femoral lateral condyle

Left Tibial epicondyles

SK 314: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD

Joint Osteoarthritis, DJD

Joint Enthesophyte Formation

SK 316

Adult

Sex Not Recordable

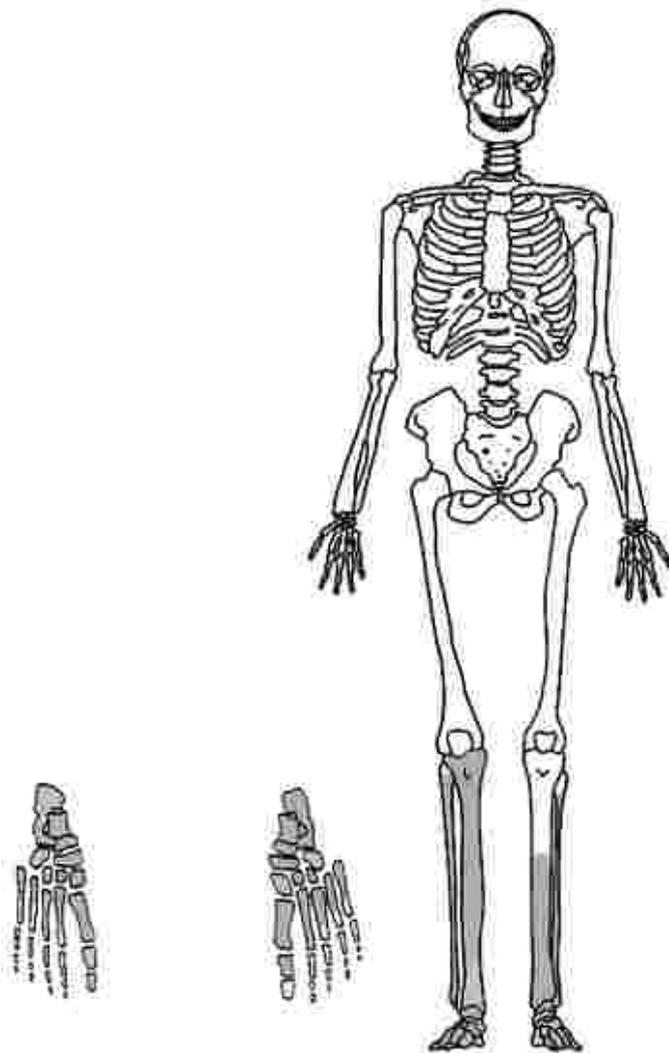
Burial Position and Details:

Plan No: 31E

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 316: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 317**Young Adult****Male****Burial Position and Details:**

Plan No: 22D

Area No: 8/12

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned facing east. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the left hand positioned over the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	3	2	1	1	1	N/P	N/P	1	1	1	2	3	N/P	N/P
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	2	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Cyst	N/P	N/P	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/P	N/P	0	0	0	0	0	N/P	N/P	0	0	0	0	0	N/P	N/P
Calculus	N/P	N/P	1	1	1	1	1	N/P	N/P	1	1	1	1	1	N/P	N/P
	8	4	1	1	1	1	1	2	2	1	1	1	1	1	N/P	8
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	8	1	1	1	1	1	2	N/P	N/P	N/P	N/P	N/P	2	2	4	8
Calculus	N/P	1	1	1	1	2	N/P									
Caries	N/P	0	0	0	0	0	N/P									
Abscess	N/P	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	N/P									
Period. Dis.	N/P	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	N/P
Attrition	N/P	0	2	1	1	2	N/P									

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

All four third molars (Tooth 18, 28, 38 and 48) are missing congenitally.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and medial-lateral sector of the right orbital roof.

Post Cranial Pathology

*Congenital**Developmental Dysplasia of the Hip*

SK 317 displayed DDH of the right hip. Only a small portion of the right femoral head was present for analysis but it was greatly enlarged and flattened in appearance, and the attachment site for *ligamentum teres* was absent on the surviving portion of bone. The complete maximum diameter of the femoral head could not be recorded, due to the incomplete nature of the bone, but the portion that was present had a maximum diameter of 66.7 mm – approximately 20 mm greater in size than the average diameter of an unaffected adult male.

A large flattened surface, which measured 68.0 mm supero-inferiorly by 51.2 mm medio-laterally, was evident on the right ilium superior and posterior to where the acetabulum should have been located. The surface of this 'false acetabulum' had a disorganized and pitted appearance and radiography revealed the presence of subchondral cystic lesions. The cystic lesions had organized trabeculae within contained margins and the largest measured 14.5 mm supero-inferiorly by 7.7 mm mediolaterally. Additional sclerotic new bone formation was evident around the edges of the false acetabular surface and had caused lipping on the superior and inferior aspects of the joint surface.

SK 317 also exhibited extensive periosteal and medullary cavity inflammatory lesions of the right pelvis. Periostitis in the form of both woven and sclerotic bone was present at the anterior aspect of the right ilium affecting over $\frac{2}{3}$ of the bone surface. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Joint

SK 317 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Left and Right acromion process Left and Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	Left and right glenoid fossa 1x Left Costal Facet 2x Left rib heads 2x Right Costal Facets Right 11 th rib head

<i>Hand</i>	Marginal osteophytes	Left 1 st proximal phalanx (proximal articular surface)
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Left Acetabulum

SK 317: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition, congenitally absent third molars
<i>Joint</i>	DJD
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific reactive new bone formation
<i>Congenital</i>	Developmental dysplasia of the hip

SK 318

Middle Adult

Male: 166.84 ± 3.27 cm

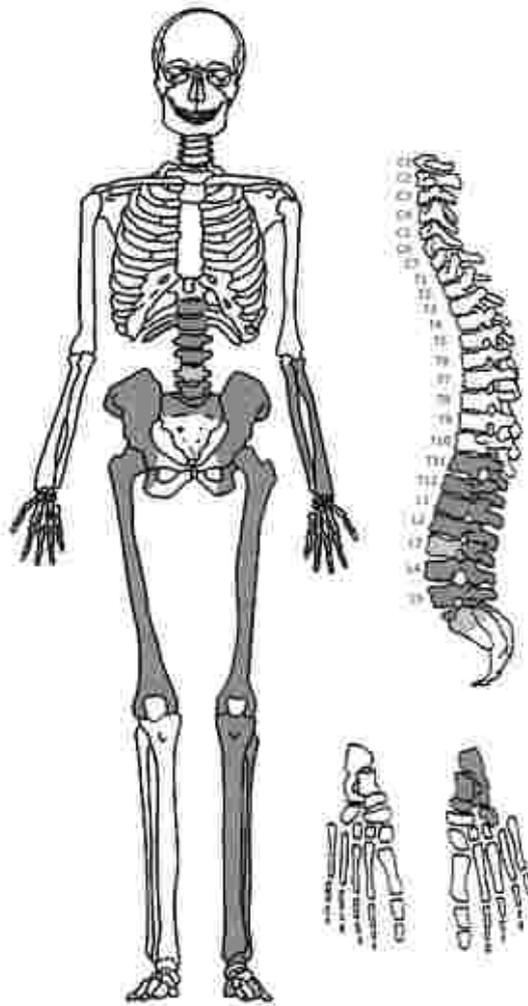
Burial Position and Details:

Plan No: 22

Area No: 8

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T11	N/R	5	0	0	0			0	0	0		
T12	0	5	0	0	0			0	0	0		
I 1	5	5	0	0				0	0			
I 2	3, 5	3, 5	0	0				0	0			
I 3	3, 4, 5	5	0	0				0	0			
L4	3, 4, 5	5	0	0				0	0			
L5	3, 5	5	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of L1, L2, L4, and L5. Schmorl's nodes of moderate expression are present at the vertebral bodies of L1, L2 and L3. Sclerosis of the schmorl's node at L3 is observable indicating a degree of healing took place before the time of death. A further two Schmorl's nodes of marked expression are present at the vertebral bodies of T11 and T12.

Trauma

Fractures

SK 318 exhibits two possibly contemporary fractures at the left MC1 and 1st proximal hand phalanx. A probable comminuted fracture is present at the lateral aspect of the left MC1 resulting in the formation of a sequestrum of bone which has adhered to the distal articular surface of the bone.

A second fracture is present at the lateral aspect of the left 1st proximal hand phalanx. The fracture line is still evident. Healing in the form of sclerotic callus bone formation is also observable.

SK 318: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
Trauma Fractures, sequestrum

SK 320

Young Adult

Male: 178.99 ± 2.99 cm

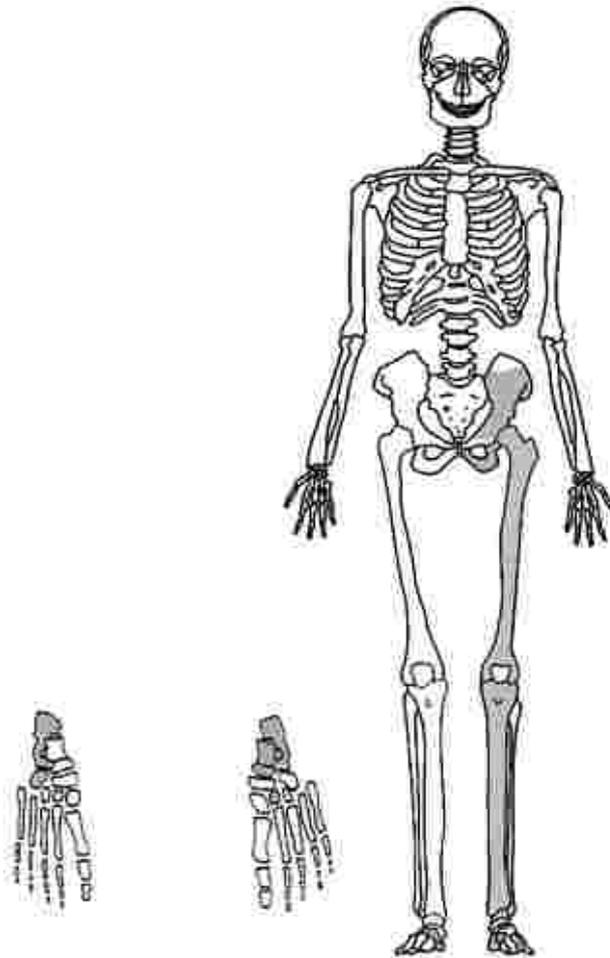
Burial Position and Details:

Plan No: Not specified

Area No: 8

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Osteochondritis Dissecans

Subchondral unifocal bone loss indicative of localised avascular necrosis is present at the medial condyle of the left femur. The lesion is unilateral with no observable healing.

SK 320: Palaeopathological Summary and Differential Diagnoses

Trauma *Osteochondritis Dissecans*

SK 321

Adult

Sex Not Recordable

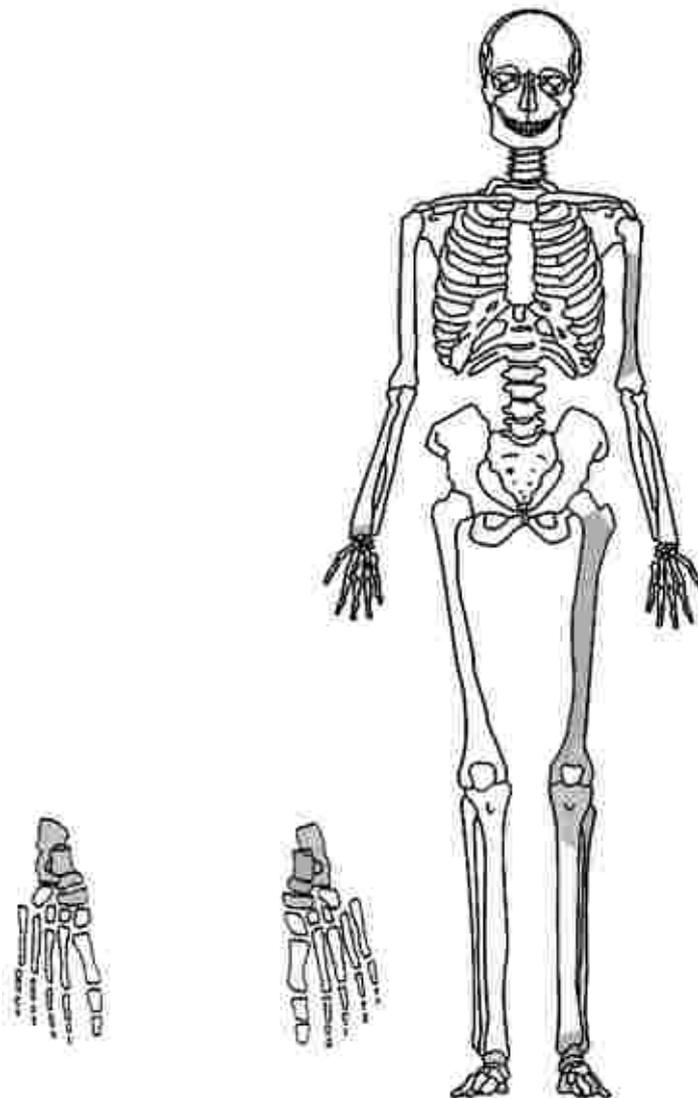
Burial Position and Details:

Plan No: 24D

Area No: 7

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 321: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 322

Adult

Female: 161.55 ± 3.72 cm

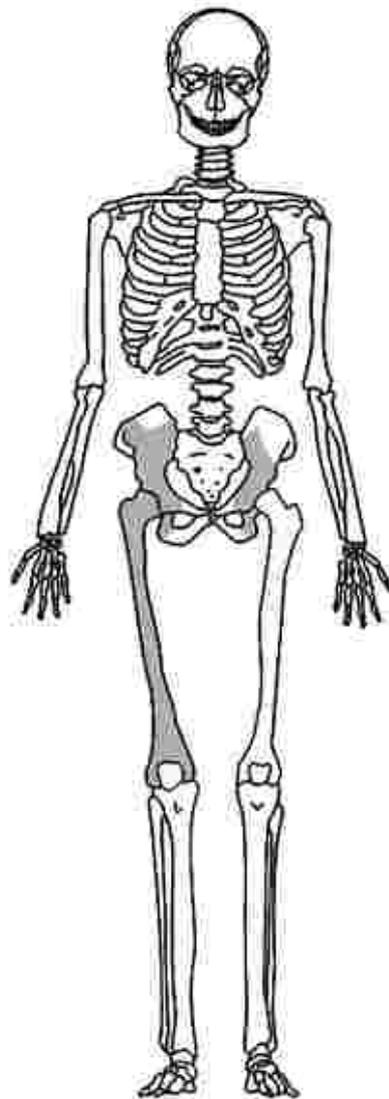
Burial Position and Details:

Plan No: 25A

Area No: 4

W-E orientation; simple, extended prone burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

SK 322: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 323

Middle Adult

Indeterminate Sex

Burial Position and Details:

Plan No: 25A

Area No: 4

W-E orientation; simple, extended prone burial of poor completeness and moderate preservation. Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%
 Approximate Fragmentation: 75-100%
 Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	4	0	0	2, 3, 4				N/R	3, 4			
T1	0	0	2, 3, 4	0	0	4	N/R	0	0	0	0	3
T2	7 thoracic vertebrae present; unnumbered due to poor preservation; porosity exhibited on 7 inferior facets											
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	N/R	N/R	0	0	N/R			0	0	N/R		
T11	N/R	N/R	0	3	N/R			0	3	N/R		
T12	N/R	N/R	3	3, 4	N/R			0	0	N/R		
L1	N/R	N/R	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	N/R	N/R	0	0				0	0			
L5	3	N/R	0	3				0	0			

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right inferior apophyseal vertebral joint of C7 and the right superior apophyseal joint of T1 in the form of eburnation, surface porosity and marginal osteophytes.

SK 323: Palaeopathological Summary and Differential Diagnoses

Vertebral Osteoarthritis

SK 324

Young Adult

Male: 171.06 ± 2.99 cm

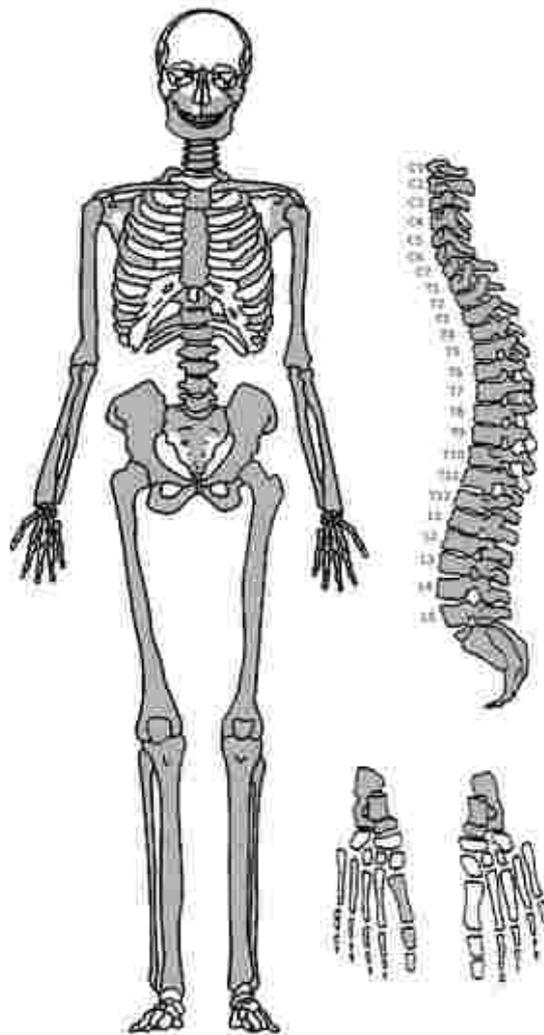
Burial Position and Details:

Plan No: 23A

Area No: 4

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing north. Both the arms and legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	2	3	2	2	N/P	N/P	N/P	2	2	2	2	2	1	1	1
Period. Dis.	0	0	0	0	0	N/R	N/R	N/P	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	N/R	N/R	N/P	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	N/R	N/R	N/P	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	N/P	N/P	N/P	1	1	1	1	1	2	1	1
	1	1	1	1	1	2	2	N/P	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	3	2	1	1	2	2	2	2	2	2	1	3	2	2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	3	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	3	0	0	0	N/R	0	0	4	0	0
T2	0	0	0	0	0	0	0	0	0	0	N/R	0
T3	0	0	0	0	0	0	0	0	0	0	N/R	0
T4	0	0	0	0	0	0	0	0	0	0	N/R	0
T5	0	4	0	0	0	0	0	0	0	0	4	0
T6	3	3, 5	0	0	0	0	0	0	0	4	4	0
T7	3, 4	0	0	0	0	N/R	0	0	0	0	N/R	0
T8	3	3, 5	0	0	0	0	N/R	0	0	0	0	3
T9	3	3, 5	0	0	0	0	4	0	0	4	0	0
T10	3, 4	3	0	0	0			0	0	0		
T11	3, 4	3	0	0	4			0	0	0		
T12	3	0	0	0	4			0	0	4		
L1	0	0	0	0				0	0			
L2	3	3	0	0				0	0			
L3	0	3	0	0				0	0			
L4	3	0	0	0				0	0			
L5	3	0	0	0				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T8 and T9.

Joint

SK324 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Sternoclavicular</i>	Surface porosity, marginal osteophytes, periarticular resorptive foci	Left and right clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left and right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	Left 1 st rib head 2x Left Costal Facets Right 1 st rib head 3x Right Costal Facets

SK 324: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	DJD, Osteoarthritis

SK 325

Adult

Probable Male

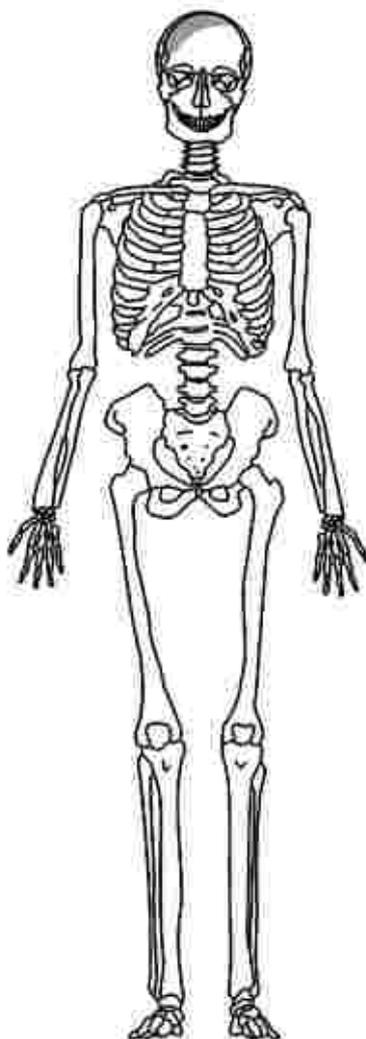
Burial Position and Details:

Plan No: 35

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Cranial Pathology

Trauma

Perimortem Sharp-force trauma

A large unhealed slicing weapon wound is present at the posterior left parietal and occipital bones traversing the mid-lambdoid suture. The lesion is oval in shape measuring 46.05mm anterior-posterior and 83.98mm medial-lateral.

SK 325: Palaeopathological Summary and Differential Diagnoses

Trauma Sharp-force trauma

SK 326

Young Adult

Female

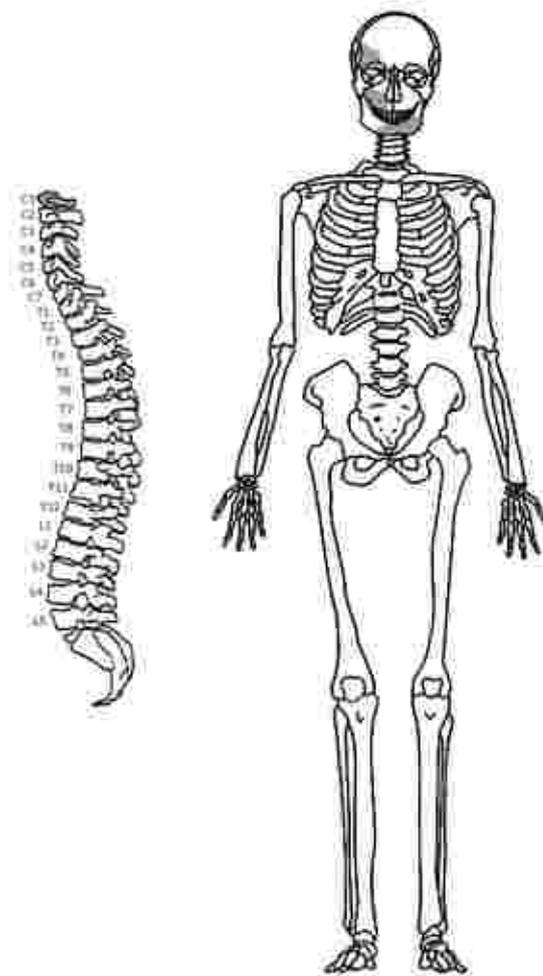
Burial Position and Details:

Plan No: 35A

Area No: 17/22

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	6	1	1	1	1	1	1	1	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	N/P							
E.Hypoplasia	6	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Cyst	0	0	0	0	0	0	0	0	0	N/P							
Abscess	0	0	0	0	0	0	0	0	0	N/P							
Caries	6	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Calculus	6	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
	6	1	1	1	1	1	1	2		N/P							
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	N/P	N/P	N/P	N/P	2	2	1	1		1	1	1	1	1	1	1	6
Calculus	N/P	N/P	N/P	N/P	N/P	N/P	1	1		1	1	1	1	1	1	1	6
Caries	N/P	N/P	N/P	N/P	N/P	N/P	0	0		0	0	0	0	0	0	0	6
Abscess	N/P	N/P	N/P	N/P	0	0	0	0		0	0	0	0	0	0	0	0
Cyst	N/P	N/P	N/P	N/P	0	0	0	0		0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	N/P	0	0		0	0	0	0	0	0	0	6
Period. Dis.	N/P	N/P	N/P	N/P	0	0	0	0		0	0	0	0	0	0	0	0
Attrition	N/P	N/P	N/P	N/P	N/P	N/P	0	0		0	0	0	0	0	0	0	6

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the medial-intermediate sector of the right orbital roof.

SK 326: Palaeopathological Summary and Differential Diagnoses

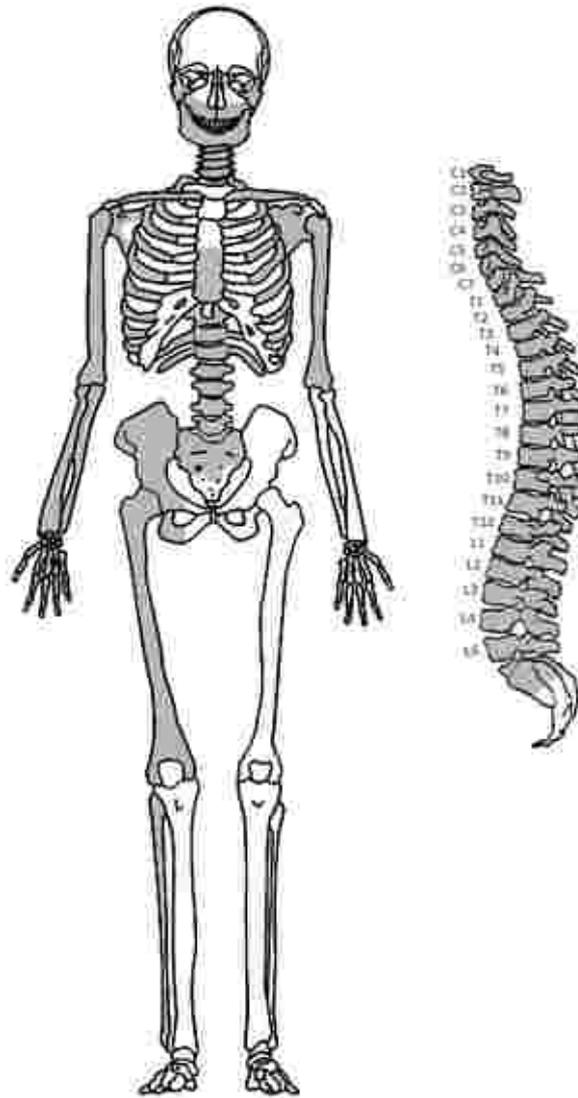
Dental Calculus, dental attrition
Metabolic CO

SK 327**Young Adult****Female: 157.18 ± 3.57 cm****Burial Position and Details:**

Plan No: 22C

Area No: 8

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were extended with the right hand positioned under the pelvic region. The right leg was extended.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	2	3	1	2	N/P	2	2	2	1	1	1	1	2	2	N/P
Period. Dis.	3	3	3	0	0	0	N/R	N/R	0	0	0	1	1	1	1	0
E.Hypoplasia	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	N/P
Calculus	2	2	2	1	2	N/P	1	1	1	1	1	1	1	2	2	N/P
	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Calculus	2	2	2	1	1	1	N/P	2	2	2	2	2	2	2	1	2
Caries	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0
Period. Dis.	1	2	2	0	0	0	0	N/R	N/R	N/R	0	0	0	2	1	1
Attrition	1	1	2	1	1	2	N/P	1	1	1	1	1	1	1	1	1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	N/R	N/R
T3	0	0	0	0	0	0	0	0	0	N/R	0	N/R
T4	0	0	3, 4	3, 4	0	0	N/R	N/R	N/R	0	N/R	N/R
T5	0	0	0	3, 4	0	0	0	0	0	0	0	0
T6	0	0	3, 4	0	0	N/R	0	0	0	0	N/R	3
T7	0	0	0	0	N/R	0	0	0	0	0	0	0
T8	0	0	0	0	0	N/R	0	0	0	0	0	0
T9	0	0	0	0	0	N/R	4	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	4			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	0	3	N/R				0	0			
I 2	0	0	0	0				0	0			
I 3	0	0	0	0				0	0			
I 4	3	3	0	0				0	0			
I 5	3	0	0	3				3	0			

SK 327: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition
Vertebral DJD

SK 328A **Adult** **Sex Not Recordable**

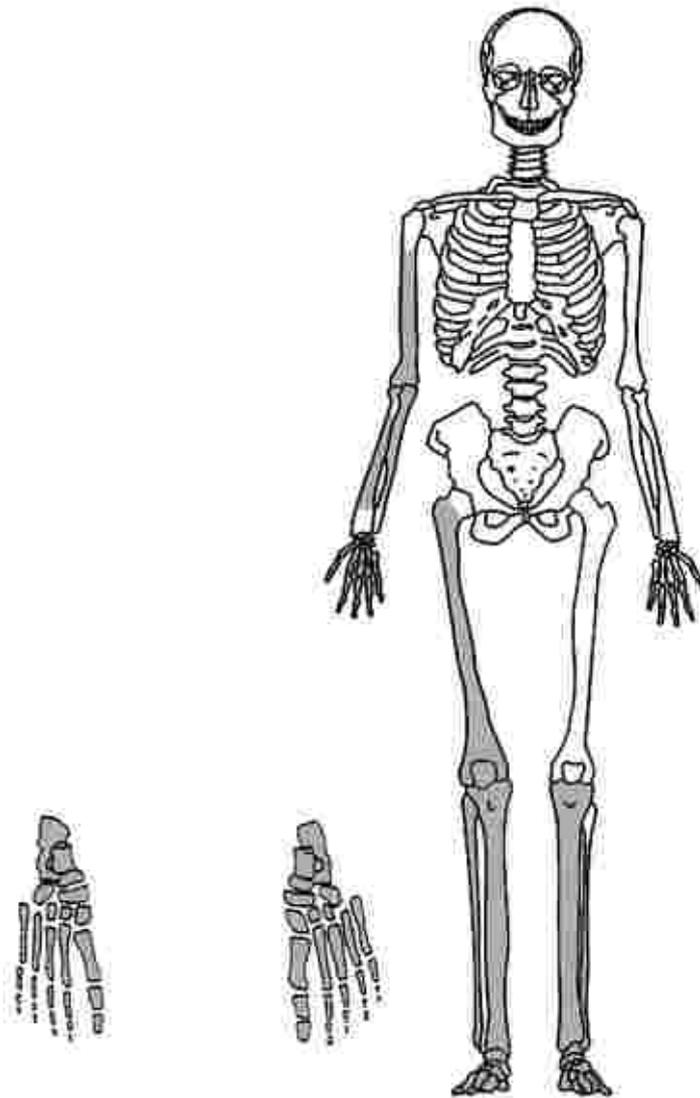
Burial Position and Details:

Plan No: Not specified

Area No: 8

Orientation not specified: simple, burial on right side of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK328A exhibits pathological lesions indicative of degenerative joint disease and osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Knee</i>	Marginal osteophytes	Right medial Tibial epicondyle
<i>Ankle</i>	Surface osteophytes, marginal osteophytes, eburnation	Right Talus and calcaneus

SK 328A: Palaeopathological Summary and Differential Diagnoses

Joint DJD, Osteoarthritis

SK 328B

Adult

Sex Not Recordable

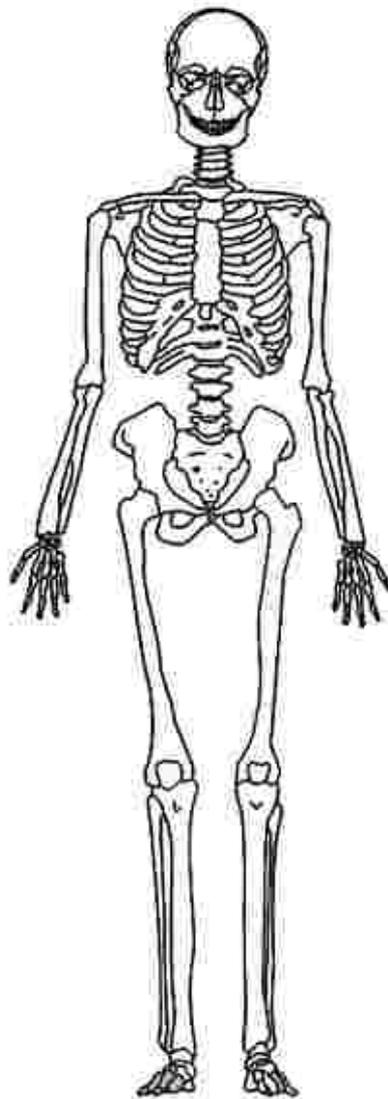
Burial Position and Details:

Plan No: Not specified

Area No: 8

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Fracture

A probable fracture of unknown type is present at the proximal shaft of the left MT2. The fracture line is no longer evident due to extensive healing. This fracture has resulted in secondary shortening of the shaft by 4mm.

SK 328B: Palaeopathological Summary and Differential Diagnoses

Trauma Fracture

SK 329

Adult

Male

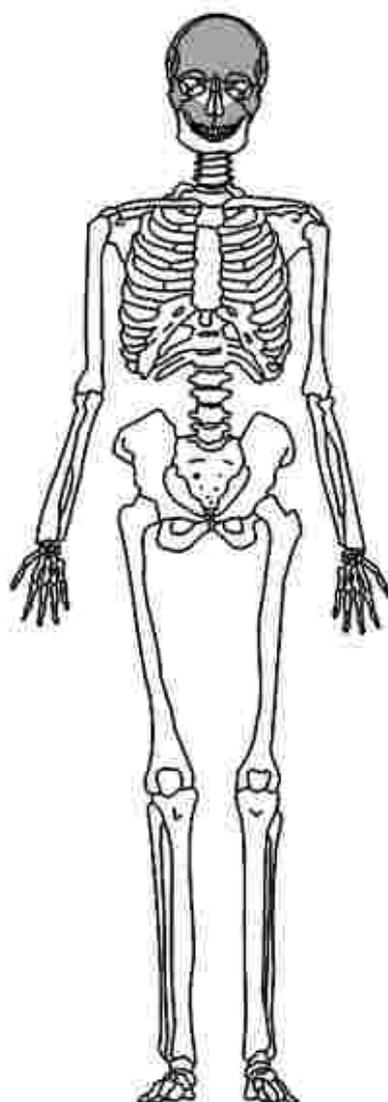
Burial Position and Details:

Plan No: 22B

Area No: 8

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	N/P	N/P	1	1	1	1	1	1	1	N/P	N/P	2	2	2
Period. Dis.	0	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	N/P	N/P	0	0	0	0	0	0	0	N/P	N/P	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	0	N/P	N/P	0	0	0	0	0	0	0	N/P	N/P	0	0	0
Calculus	N/P	1	N/P	N/P	1	1	0	0	0	0	0	N/P	N/P	1	1	1
	2	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the middle-lateral and middle-intermediate sector of the left and right orbital roofs.

SK 329: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Metabolic CO

SK 330

Young Adult

Male: 160.18 ± 3.27 cm

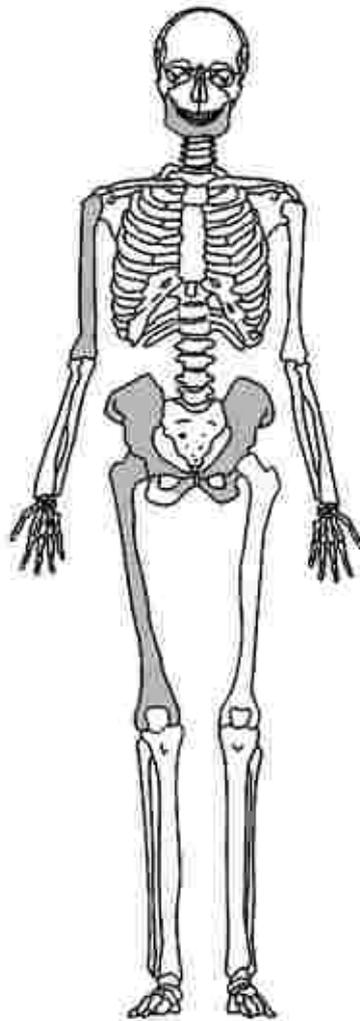
Burial Position and Details:

Plan No: 22C

Area No: 8

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
Attrition	0	1	2	0	0	1	1	1	1	1	0	0	0	1	1	0

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Overcrowding of the mandibular teeth is observable.

SK 330: Palaeopathological Summary and Differential Diagnoses

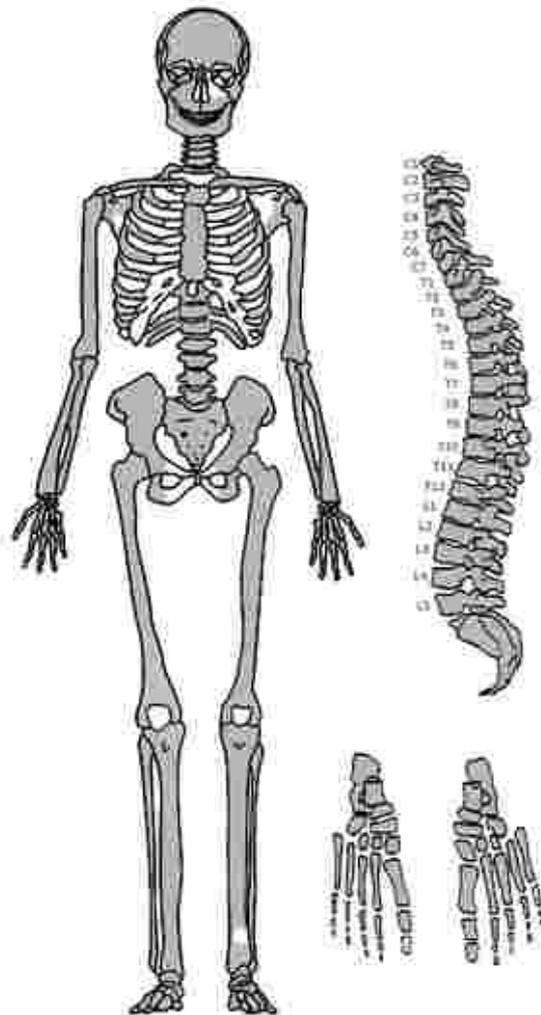
Dental Periodontal disease, calculus, dental attrition, overcrowding

SK 331**Young Adult****Male: 158.32 ± 2.99 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 8

W-E orientation; simple, flexed burial of good completeness and good preservation. The skull was positioned facing east. The left arm was flexed at the elbow crossing the chest with the right arm also flexed at the elbow so that the right hand was positioned under the skull. The left hand was positioned over the chest. Both legs were flexed at the knee bending upwards towards the torso.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	1	2	1	1	1	1	1	1	1	1	1	1	2	1	0
Period. Dis.	2	2	2	2	2	2	N/R	N/R	N/R	2	2	2	2	2	N/R	N/R
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R
Caries	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Calculus	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Attrition	0	1	1	1	1	1	1	2	2	1	1	1	1	2	1	0

Dental Disease

Caries

Tooth 17: Medium sized carious lesion present on the distal aspect of the tooth crown

Tooth 18: Medium sized carious lesion present on the mesial aspect of the tooth crown

Tooth 28: Two small carious lesions present on the mesial aspect of the tooth crown

Congenital Abnormalities of the Teeth/ Jaws

Tooth 28 exhibits an accessory rootlet. A diastema is also observable between tooth 21 and 22 measuring 4.5mm.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	N/R			
C3	N/P	N/P	N/P	N/P				N/P	N/P			
C4	0	0	N/R	N/R				4	0			
C5	0	0	0	0				N/R	N/R			
C6	0	0	N/R	N/R				0	0			
C7	0	0	N/R	N/R				0	N/R			
T1	0	0	N/R	N/R	0	N/R	N/R	0	N/R	0	N/R	0
T2	0	0	N/R	0	0	N/R	0	0	0	0	0	0
T3	0	0	0	0	N/R	N/R	3	0	0	0	0	N/R
T4	0	0	0	0	0	0	3	0	0	0	0	3
T5	0	0	0	0	0	0	3	0	0	0	0	0
T6	0	0	0	0	0	0	3	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	0	0	N/R	0	0	0	0	N/R	0	0	N/R
T9	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	0	0	0	N/R	0			0	N/R	3		
T11	0	0	0	N/R	3			0	N/R	3		
T12	0	0	0	0	0			0	0	0		
L1	0	0	0	N/R				0	N/R			
L2	0	0	0	3				3	3			
L3	0	0	0	0				3	0			
L4	0	0	0	0				3	0			
L5	0	0	0	3				0	3			

Joint

SK331 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left and Right mandibular condyles
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	3x Left Costal Facets 1x Right Costal Facet 2x Right Rib heads
<i>Elbow</i>	Surface osteophytes, marginal osteophytes, surface porosity	Left proximal radius and ulna Right proximal ulna
<i>Wrist</i>	Marginal osteophytes	Left and right distal radius
<i>Ankle</i>	Subchondral bone loss, marginal osteophytes	Left and Right distal tibia and fibula Left and Right Talus

*Infection**Reactive Bone Formation*

SK331 exhibits periosteal reactive lesions of two left ribs and one right rib. A reactive bone deposit in the form of woven bone is present at the visceral surface of one of the affected left ribs and the affected right rib. Periostitis in the form of sclerotic bone is present on the pleural surface of the second affected left rib. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Possible Lytic Lesion: Abnormal Bone Loss

A lesion presenting as abnormal unifocal bone loss is present on the pleural surface of the 3rd right rib. The bone loss extends to the trabecular bone and measures less than 1cm in diameter. Some healing is observable in the form of circumferential sclerotic bone at the boundaries of the lesion.

Congenital

Multiple Osteochondromas

SK331 exhibits extensive multiple bilateral exostoses affecting the majority of both the axial and appendicular skeletal elements. These extensive lesions are indicative of an advanced stage of the hereditary condition multiple osteochondromas.

The exostoses present at the following skeletal element: left and right clavicles, left and right scapulae, left and right humeri, left and right radii, left and right ulna the 1st, 2nd, 3rd, 4th and 5th left and right MCs, all 10 left and right proximal hand phalanges, 1 left intermediate hand phalanx and all 5 right intermediate hand phalanges, 2 cervical, 3 thoracic and 4 lumbar vertebrae, the left and right ribs, the left and right ilium, the left and right femora, left and right tibiae, left and right fibulae, left and right calcaneus and talus, left navicular, left and right 1st, 2nd, 3rd, 4th and 5th MTs, 2 left and 4 right proximal foot phalanges and 1 right distal foot phalanx.

The severity of the condition in this individual has resulted in stunted growth and asymmetry of a number of skeletal elements. Abnormalities of shape are observable at the following bones:

2. The left clavicle is shorter in length than the right clavicle.
3. The left humerus is abnormally short in length and exhibits abnormal morphology at the distal articular surface where the coronoid fossa is abnormally shallow and the trochlea appears underdeveloped in size.
4. The left radius presents with a Madel deformity (i.e. lacks an articular facet for the left ulna). This bone also exhibits medial bowing of the shaft and is significantly shorter in length than the opposing right radius. The right radius has a significantly enlarged distal shaft due to exostoses formation.
5. The left ulna exhibits lateral bowing and extensive shortening. The distal end of the ulna has failed to develop and appears tapered to a point with no recognisable morphology; entirely lacking a distal articular facet
6. The left MC5 is abnormally shortened. The right and left proximal hand phalanges all exhibit abnormally thickened proximal ends due to medial and lateral exostoses formation.
7. Both the left and right femora exhibit medial rotation so that the individual would have appeared knock-kneed in life.

Supernumerary Vertebra with Cranial border shift

L6 is present. Cranial border shift in the form of partial sacralisation of this vertebra is also observable.

SK 331: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition, diastema
Joint DJD, Osteoarthritis
Infection Non-specific: reactive bone deposits, Possible lytic lesion
Congenital Diaphyseal Aclasia, Supernumerary vertebra, Cranial border shift

SK 332

Middle Adult

Female: 151.91 ± 3.72 cm

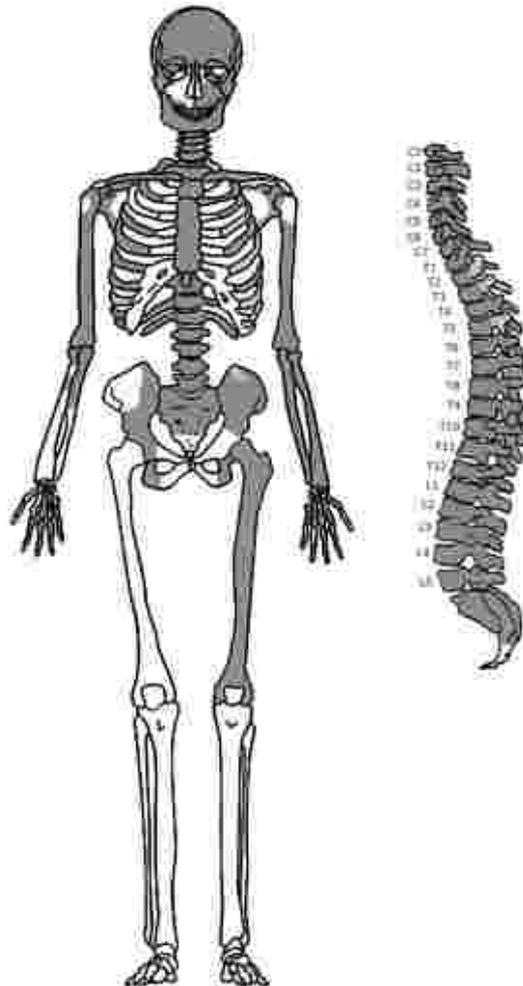
Burial Position and Details:

Plan No: 31E

Area No: 10

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both the arms were and legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/R	3	N/R	1	1	1	1	2	2	1	1	1	1	3	3	1
Period. Dis.	N/R	N/R	N/R	0	0	N/R	1	0	0	0						
E.Hypoplasia	N/R	0	N/R	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Cyst	N/R	N/R	N/R	0	0	0	N/R	N/R	0	0	0	0	0	0	0	0
Abscess	N/R	N/R	N/R	0	0	0	N/R	N/R	0	0	0	0	0	1	0	0
Caries	N/R	0	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	N/R	1	N/R	1	0	0	0	0	0	0	0	1	0	0	0	1
	N/R	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	N/R	0	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	1	N/R	0	0	0									
Attrition	2	3	3	1	N/R	1	1	2	2	1	1	1	1	3	3	3

Dental Disease

Abscess/ Cyst

Tooth 26: Two abscesses are present on the buccal aspect of the alveolar bone affecting the mesial and distal roots of tooth 26; a circumferential inflammatory periosteal reaction is also evident at the boundaries of these lesions.

Congenital Abnormalities of the Teeth/ Jaws

There is a medial rotation of Tooth 42 by approximately 45°.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-medial and middle-intermediate of the left orbital roof and the antero-lateral, antero-intermediate and middle-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				N/R	N/R			
C4	0	4	0	0				0	0			
C5	4	4	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	N/R	N/R	0	0	4	0	0
T2	0	0	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T3	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T4	0	0	0	0	0	0	3, 4	0	0	0	0	0
T5	0	0	0	N/R	0	0	0	N/R	N/R	0	0	N/R
T6	0	0	0	0	0	0	0	0	0	0	0	N/R
T7	0	0	0	0	0	0	0	0	0	4	0	0
T8	0	0	0	0	0	0	3, 4	0	0	0	0	3, 4
T9	0	0	0	0	0	0	N/R	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	5	0	2, 3, 4	4			0	0	0		
T12	3, 4	0	2, 3, 4	0	0			0	0	0		
L1	0	0	0	3				0	0			
L2	5	0	0	0				0	3			
L3	0	0	N/R	0				0	0			
L4	0	0	0	0				0	N/R			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of L2.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right superior apophyseal vertebral facet of T12 and the right inferior apophyseal facet of T11 in the form of eburnation, marginal osteophytes and surface porosity.

SK 332: Palaeopathological Summary and Differential Diagnoses

Dental Dental abscess, periodontal disease, calculus, dental attrition, tooth rotation
Vertebral Schmorl's node, Osteoarthritis
Metabolic CO

SK 335

Young Adult

Male: 172.32 ± 3.27 cm

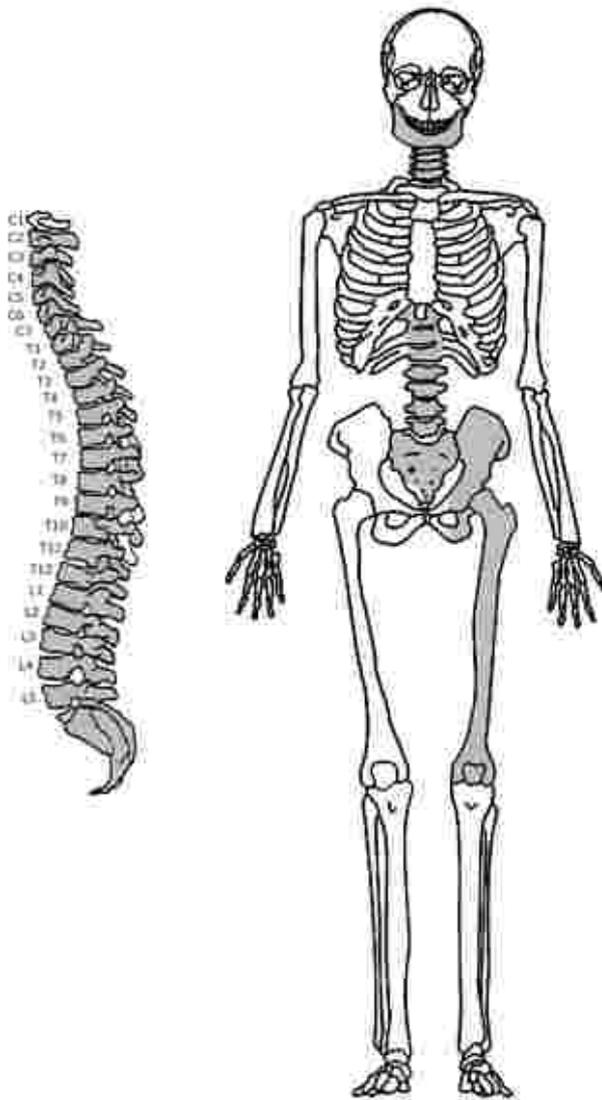
Burial Position and Details:

Plan No: 25A

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The skull was positioned facing south. The left leg was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	2	1	1	2	2	2	2	2	2	1	1	2	2	2
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T12 and L1.

Congenital

Supernumerary Vertebra

S6 is present.

SK 335: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

Vertebral Schmorl's nodes

Congenital Supernumerary vertebra

SK 337A

Adult

Female: 148.98 ± 3.57 cm

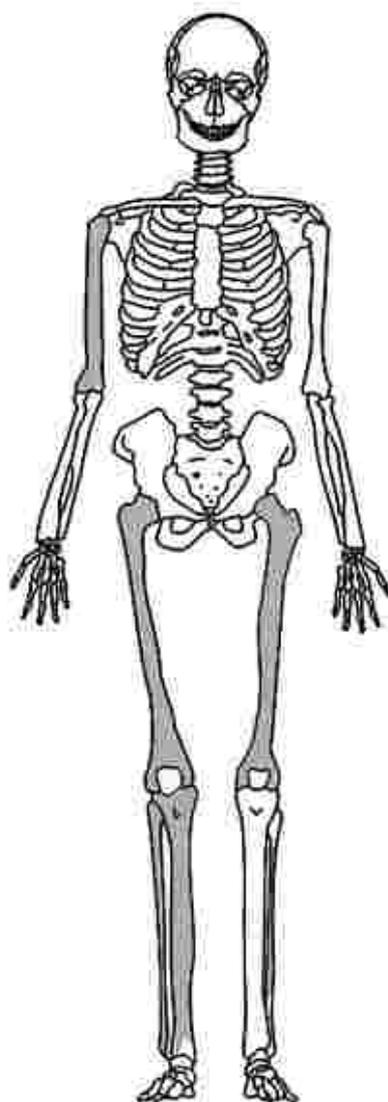
Burial Position and Details:

Plan No: 25A

Area No: 4

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 337: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 338

Young Adult

Female: 161.29 ± 3.55 cm

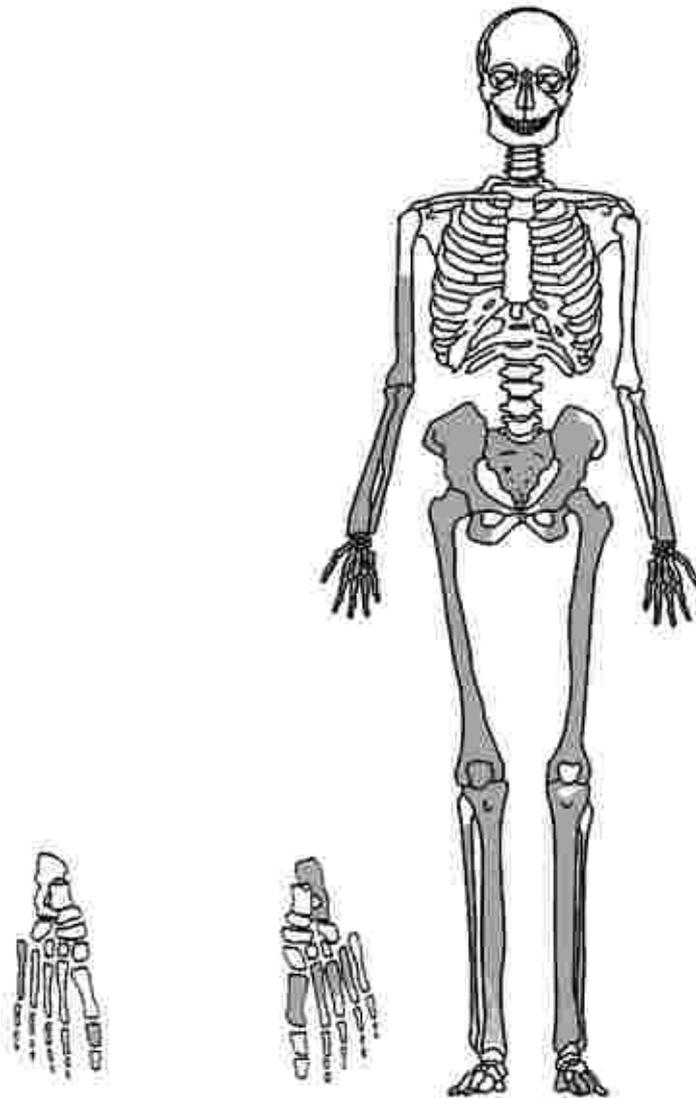
Burial Position and Details:

Plan No: 31E

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Infection

Abnormal Bone Formation

SK 338 exhibits extensive periosteal reactive lesions of primarily the lower appendicular skeletal elements. Reactive bone deposits in the form of woven bone are present at the right humerus and ulna, the left and right radii, the left and right ilium, femora, tibiae and fibulae, the left 1st and 4th MCs and the right 2nd, 3rd and 4th MCs, the left calcaneus and one unidentified metatarsal fragment.

SK 338: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 340

Young Adult

Male: 166.51 ± 2.99 cm

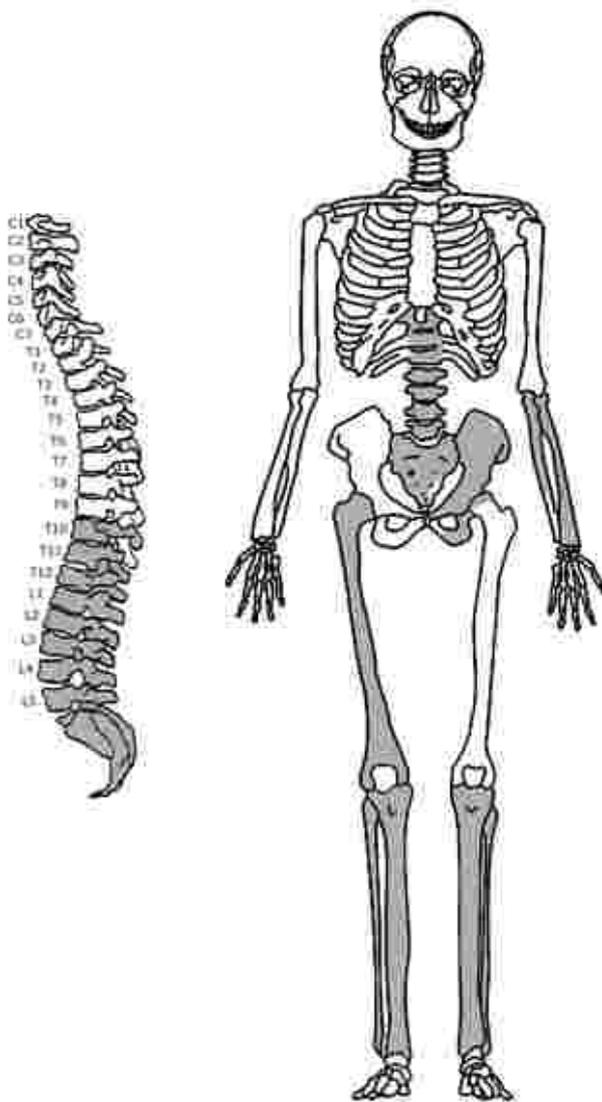
Burial Position and Details:

Plan No: 25

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 340: Palaeopathological Summary and Differential Diagnoses

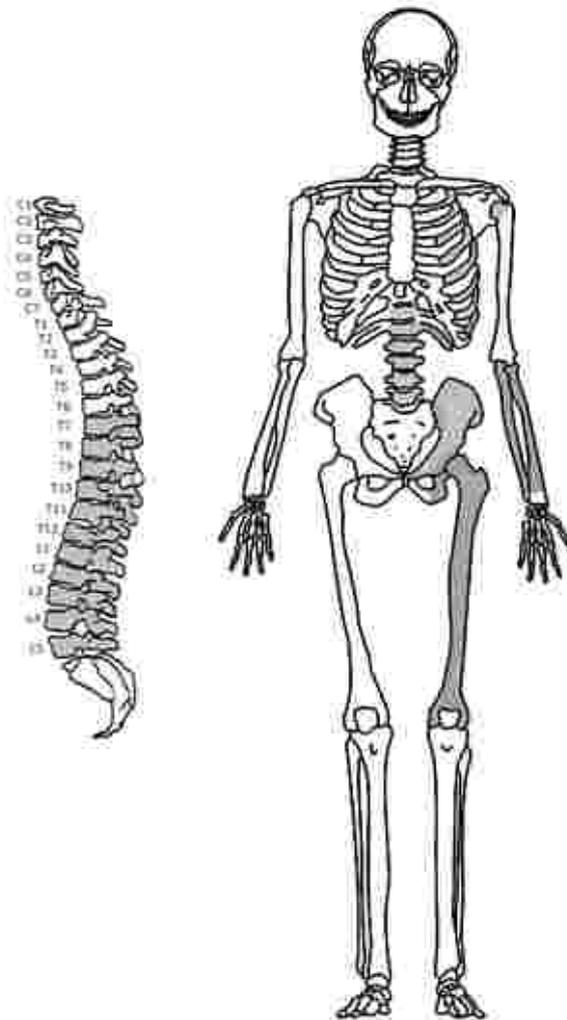
No pathological lesions were observed on the skeletal elements present for analysis.

SK 342**Adult****Female: 159.32 ± 3.72 cm****Burial Position and Details:**

Plan No: 28

Area No: 8/12

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The left arm and left leg were extended with the left hand by the side of the body.

Visual Inventory

Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Taphonomy: Copper-staining was noted on the visceral surface of one upper rib fragment.

SK 342: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 344

Middle Adult

Female

Burial Position and Details:

Plan No: 31D

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 344: Palaeopathological Summary and Differential Diagnoses

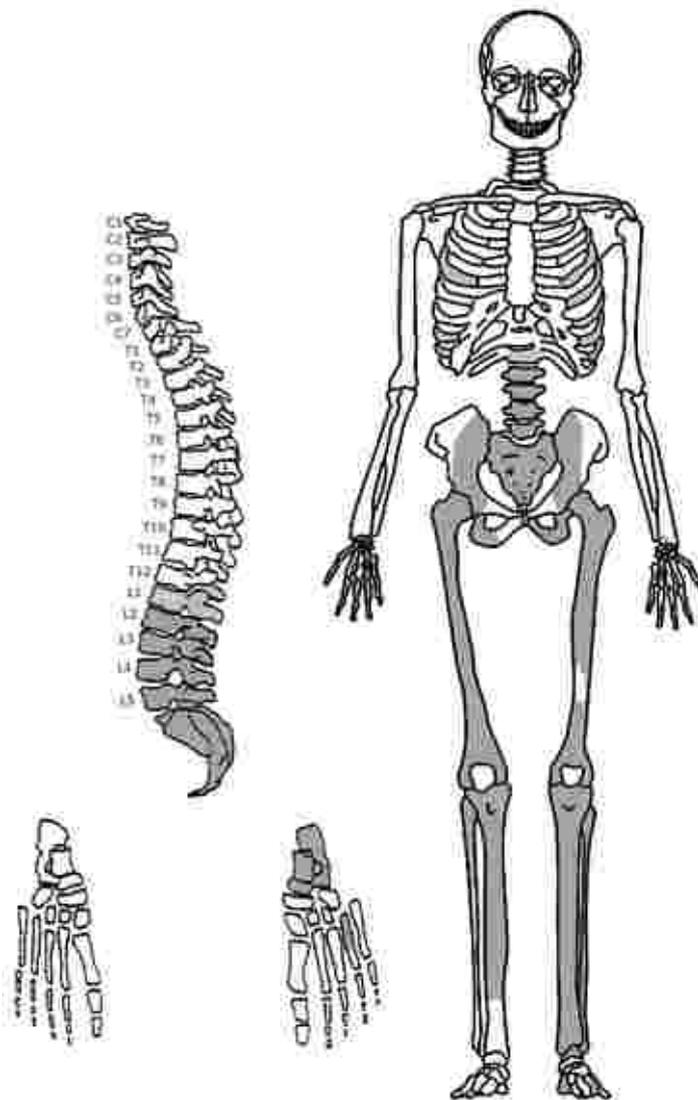
No pathological lesions were observed on the skeletal elements present for analysis.

SK 345**Middle Adult****Female: 154.81 ± 3.55 cm****Burial Position and Details:**

Plan No: 28

Area No: 12

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The right hand was by the side of the body. Both legs were extended

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
T1	<p>One superior right articular facet has microporosity evident.</p> <p>One superior right articular facet and the right transverse process costal facet are badly affected by porosity and osteophytes.</p> <p>The inferior facets and inferior neural arch of one vertebrae has both bone loss and new bone formation. The bone loss is diffuse in character with associated cortical thinning. Between 1/3-2/3 of the neural arch is affected by these lesions. Bone loss is affecting between a maximum width (medial-lateral) of 36.03mm, and superior- inferior of 19.52mm. Margins are not sharply defined.</p>											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11												
T12												
L1	N/R	N/R	3	N/R			0	N/R				
L2	3 + 5	3 + 4	3	3			3	0				
L3	3 + 5	0	3	3			3	0				
L4	4	0	3	0			3 + 4	3				
L5	0	0	0	N/R			3	N/R				

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of L2 and L3.

Trauma

Fracture

A possible fracture is present at the left hamate resulting in abnormality of shape of the hook of the hamate. The fracture line is no longer evident due to healing.

SK 345: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, DJD
Trauma Fracture

SK 346

Young Adult

Male

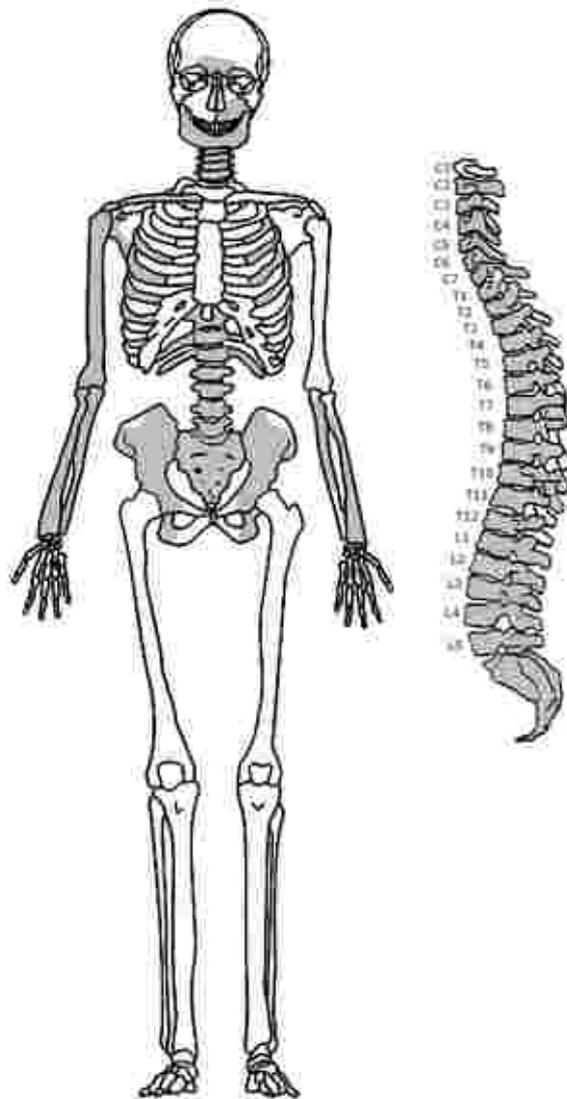
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	1	2	2	1	1	N/P	0	1	1	1	N/P	1	1	2	2	1
Period. Dis.	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R							
E.Hypoplasia	0	0	0	0	0	N/P	0	0	0	0	N/P	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/P	0	0	0	0	N/P	0	0	0	0	0
Calculus	1	1	1	1	1	N/P	1	1	1	1	N/P	1	1	1	1	1
	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	2	1	1	2	2	2	2	2	2	1	1	2	2	2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	0				0	N/R			
C3	0	0	0	N/R				N/R	N/R			
C4	0	0	N/R	N/R				0	N/R			
C5	0	0	0	0				N/R	N/R			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T2	0	0	0	0	0	N/R	N/R	0	0	0	0	0
T3	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T4	3, 4	3, 4	0	0	0	0	N/R	0	0	0	N/R	0
T5	3, 4	4	0	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T6	3, 4	3, 4	0	0	0	0	N/R	0	0	0	0	N/R
T7	0	0	0	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T8	0	0	0	N/R	0	0	N/R	0	N/R	N/R	0	N/R
T9	3, 4	0	0	N/R	0	N/R	N/R	0	0	0	N/R	N/R
T10	0	0	N/R	N/R	0			N/R	N/R	0		
T11	0	0	0	N/R	N/R			N/R	N/R	N/R		
T12	3, 4	4	0	4	N/R			0	4	0		
L1	0	0	4	4				4	4			
L2	0	0	4	4				0	0			
L3	0	0	3	0				0	N/R			
L4	0	0	3	N/R				3	N/R			
L5	0	0	0	N/R				0	N/R			

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L4 and L5

SK 346: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

Vertebral Intervertebral osteochondrosis

Trauma Bilateral spondylolysis

SK 348

Middle Adult Indeterminate Sex

Burial Position and Details:

Plan No: Not specified

Area No: 15

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The hands were positioned over the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Taphonomy: SK348 is mildly affected by oxidisation

SK 348: Palaeopathological Summary and Differential Diagnoses

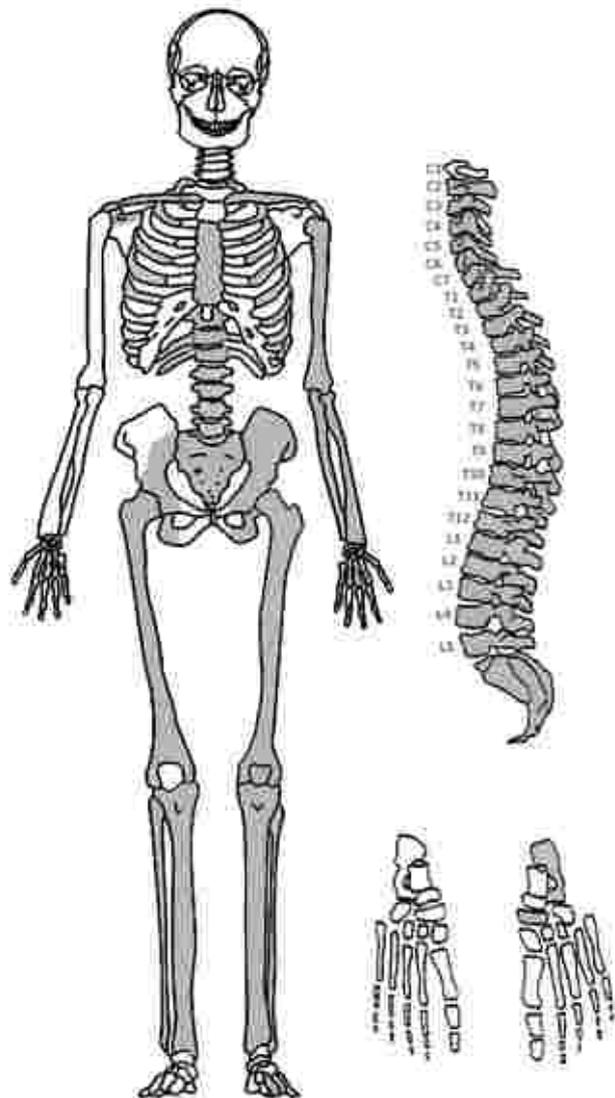
No pathological lesions were observed on the skeletal elements present for analysis.

SK 349**Middle Adult****Female: 157.52 ± 3.55 cm****Burial Position and Details:**

Plan No: 23B

Area No: 15

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The left arm was extended with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	0				0	0			
C3	0	3	3	0				0	0			
C4	3	0	0	0				0	0			
C5	3	0	0	0				0	0			
C6	0	3	0	0				0	0*			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	N/R
T2	0	3	0	0	0	0	0	0	0	N/R	0	3
T3	0	3	0	0	0	0	0	0	0	N/R	N/R	3
T4	3	0	0	0	0	N/R	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	3	0	0	0	0	N/R	0	0	4	0	N/R
T8	0	3	0	0	0	0	3	0	0	0	0	N/R
T9	0	0	0	0	0	N/R	0	0	0	0	N/R	3
T10	0	0	0	0	0			4	3	0		
T11	0	0	0	0	0			0	0	0		
T12	5	N/R	0	0	0			0	0	0		
L1	N/R	0	0	0				0	3			
L2	3, 5	3	0	0				0	0			
L3	3	3	N/R	0				0	3			
L4	3	0	3	3				3	0			
L5	0	0	3	0				3	3			

Schmorl's Node

A Schmorl's node of moderate expression is present at the vertebral body of T12 and L2.

Congenital

Aplasia

C7 exhibits aplasia of the left pedicle, transverse process and transverse foramen. This defect has resulted in medial rotation of the left superior articular facet. The articulating vertebra C6 also exhibits abnormality of shape in that the inferior articular facet is rotated laterally to correspond with C7 below.

Non-union of Hyoid

The hyoid bone exhibits non-union of the right greater and lesser horn to the body.

SK 349: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
Congenital Aplasia of cervical neural arch, Non-union of hyoid horn

SK 351

Young Adult

Female

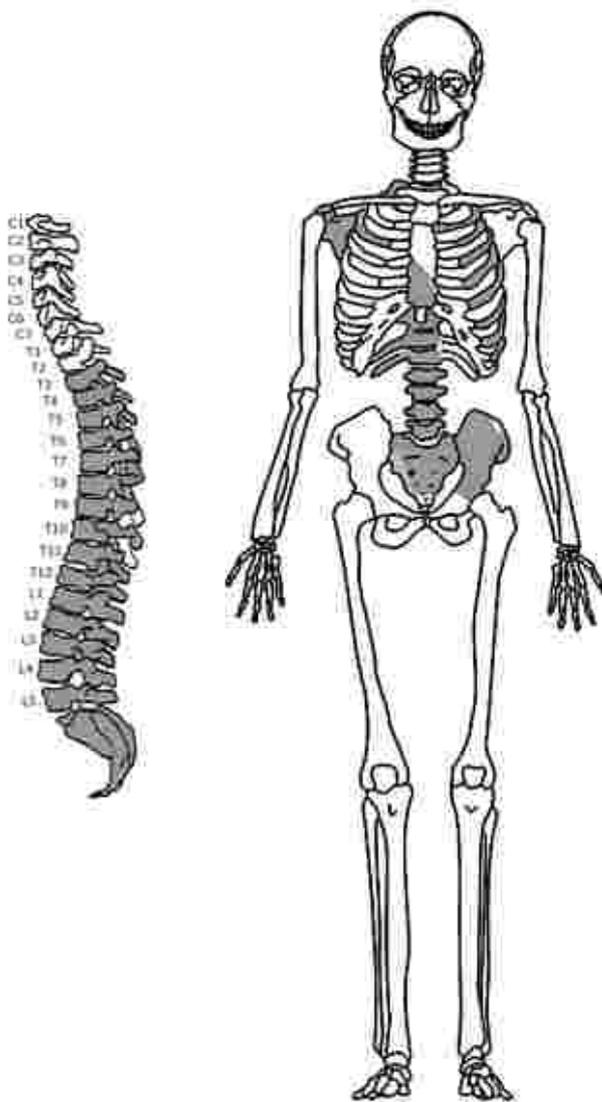
Burial Position and Details:

Plan No: 35

Area No: 17/22

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 351: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 353**Young Adult****Female: 160.74 ± 3.55 cm****Burial Position and Details:**

Plan No: 31E

Area No: 10

Orientation not specified: simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight. SK353 was found in association with pillow stones.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	1	1	N/P	0	0	0	0	0	0						
Period. Dis.	0	0	0	N/P	0	0	0	0	0	0						
E.Hypoplasia	0	0	0	N/P	0	0	0	0	0	0						
Cyst	0	0	0	N/P	0	0	0	0	0	0						
Abscess	0	0	0	N/P	0	0	0	0	0	0						
Caries	0	0	0	N/P	0	0	0	0	0	0						
Calculus	1	0	2	N/P	1	1	1	1	1	1						
	1	1	1	N/P	1	1	1	1	1	1						
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	2	2	2	2	2	2	N/P	N/P	1	1	1	1
Calculus	1	1	1	1	N/P	1	1	1	1							
Caries	0	0	0	0	N/P	0	0	0	0							
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	N/P	0	0	0	0							
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	0	0	0	N/P	1	1	1	0							

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	NR	0	0	0	0	N/R	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	N/R
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	5	0	0	0	0	0	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	4	0	0	4				0	0			
L3	5	0	0	0				0	4			
L4	0	0	0	4				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T10, T11, T12, L1 and L3.

Congenital

Cranial Border Shift

L1 is imitating the morphology of T12; the superior articular facets are orientated anterior-posterior as opposed to the normal medial-lateral rotated appearance.

SK 353: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Vertebral Schmorl's nodes
Congenital Cranial border shift

SK 357

Adult

Probable Male: 165.06 ± 3.37 cm

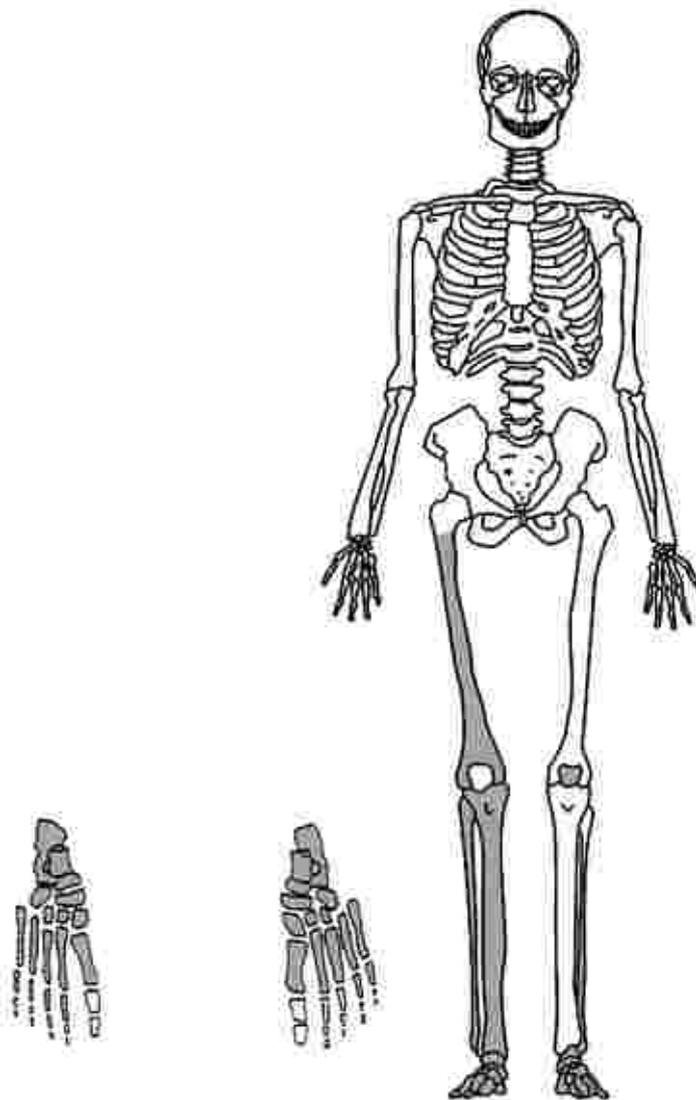
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 357: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 358

Young Adult

Male: 166.37 ± 3.27 cm

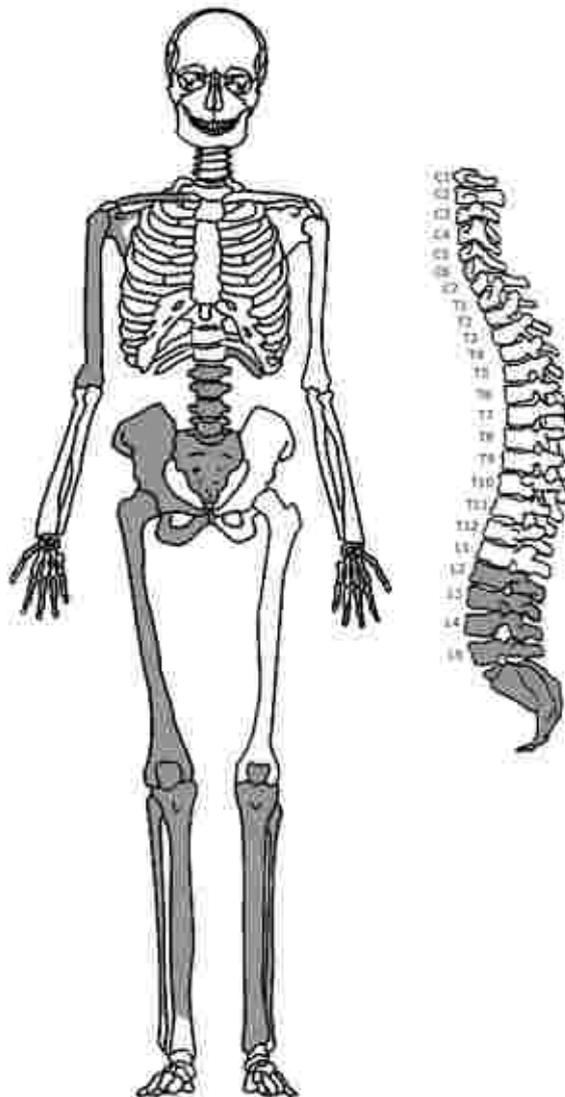
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
L2	5	5	0	0				0	0			
L3	5	0	0	0				0	0			
L4	5	5	0	0				0	0			
L5	0	5	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of L2, L3 and L5. A

Schmorl's node of moderate expression is present at the vertebral body of L4.

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5.

SK 358: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
Trauma Spondylolysis

SK 359

Adult

Probable Female

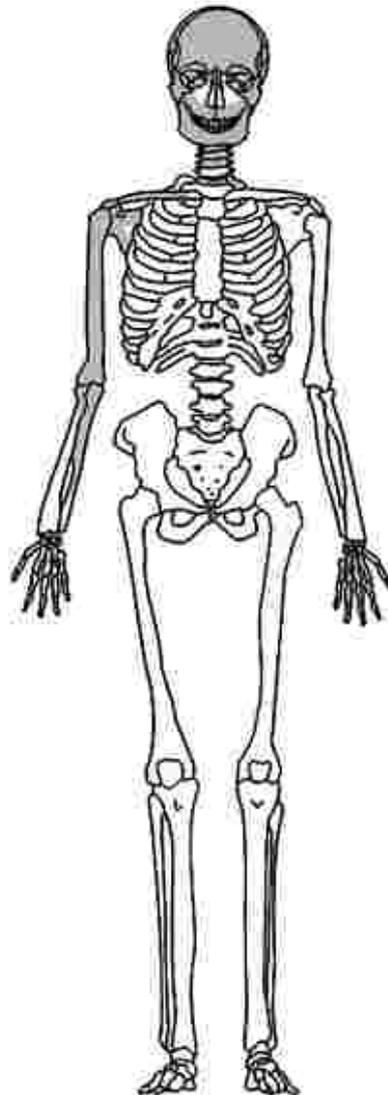
Burial Position and Details:

Plan No: 31F

Area No: 10

W-E orientation; simple burial on right side of poor completeness and good preservation. The skull was positioned facing south. The left arm was flexed at the elbow crossing the pelvis with the left hand over the lower rib cage.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	1	3	3	2	2	3	2	N/R	3	1	3	2	2	3	3	N/R
Period. Dis.	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	N/R
E.Hypoplasia	1	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Caries	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	N/R
Calculus	1	1	1	1	1	1	1	N/R	1	1	1	1	1	1	1	N/R
	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
Calculus	1	1	1	2	2	2	2	N/R	1	1	2	1	1	1	1	1
Caries	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	1	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	1
Period. Dis.	0	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0
Attrition	2	2	2	1	2	2	2	N/R	2	2	1	1	1	1	1	2

Dental Disease

Enamel Hypoplasia

Tooth 18: 1 hypoplastic groove present; 1.87mm from the cemento-enamel junction

Tooth 38: 1 hypoplastic groove present; 3.38mm from the cemento-enamel junction

Tooth 48: 1 hypoplastic groove present; 1.54mm from the cemento-enamel junction

SK 359: Palaeopathological Summary and Differential Diagnoses

Dental Enamel hypoplasia, calculus, dental attrition

SK 364

Middle Adult

Female: 149.44 ± 3.72 cm

Burial Position and Details:

Plan No: Not specified

Area No: 8

Burial position not specified: simple, extended supine burial of moderate completeness and good preservation. The right arm flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T10	4	4	4	0	4			0	0	4		
T11	4	4	4	0	4			0	0	0		
T12	4	4	0	0	4			0	0	4		
I 1	4	4	0	0				N/R	0			
I 2	4	4	0	N/R				N/R	N/R			
L3	4	4, 3	N/R	N/R				0	N/R			
L4	4	4	0	0				0	0			

SK 364: Palaeopathological Summary and Differential Diagnoses*Vertebral* DJD

SK 367**Young Adult****Female: 153.85 ± 3.55 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the right side. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	N/P	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Period. Dis.	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	
E.Hypoplasia	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	1	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Calculus	1	N/P	1	1	1	1	1	1	1	2	1	1	1	1	1	1	
	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Calculus	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Period. Dis.	0	1	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	
Attrition	1	2	2	0	0	1	1	1	1	0	0	0	0	0	1	1	

Dental Disease

Caries

Tooth 18: Small carious lesion present on occlusal surface of tooth

Congenital Abnormalities of the Teeth/ Jaws

There is distal rotation of Tooth 46.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, antero-intermediate, antero-medial and middle-lateral sector of the left orbital roof. Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and antero-medial sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	4	0	0	0				0	0			
C5	4	4	0	0				0	0			
C6	0	4	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	0	0	0	0	4	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	N/R
T3	0	0	0	0	0	N/R	0	0	0	0	0	0
T4	0	0	0	0	0	N/R	0	0	4	0	0	0
T5	0	0	0	0	N/R	0	0	0	4	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	N/R
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	N/R	0	N/R	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	5	0	0	4			0	0	0		
T12	4	0	0	0	4			0	0	0		
L1	5	0	0	4				0	0			
L2	5	5	0	0				3	4			
L3	0	5	0	0				0	0			
L4	0	0	3	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11, L1, L2 and L3.

SK 367: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition, tooth rotation
Vertebral Schmorl's nodes, DJD
Metabolic CO

SK 369

Adult

Male

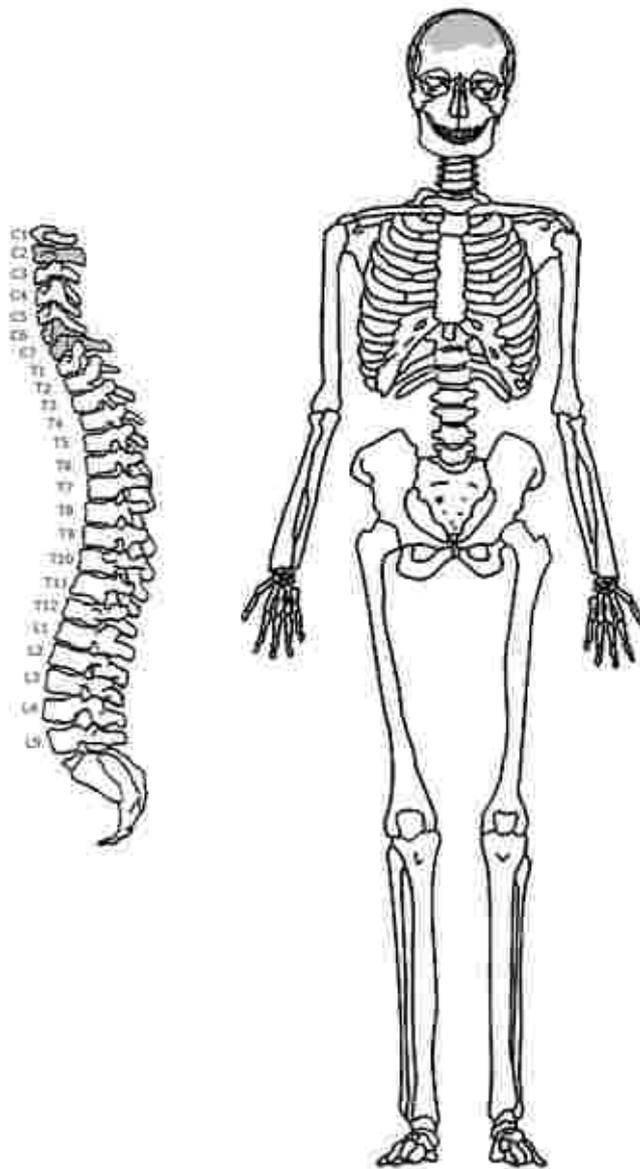
Burial Position and Details:

Plan No: 31F

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 369: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 370

Adult

Male

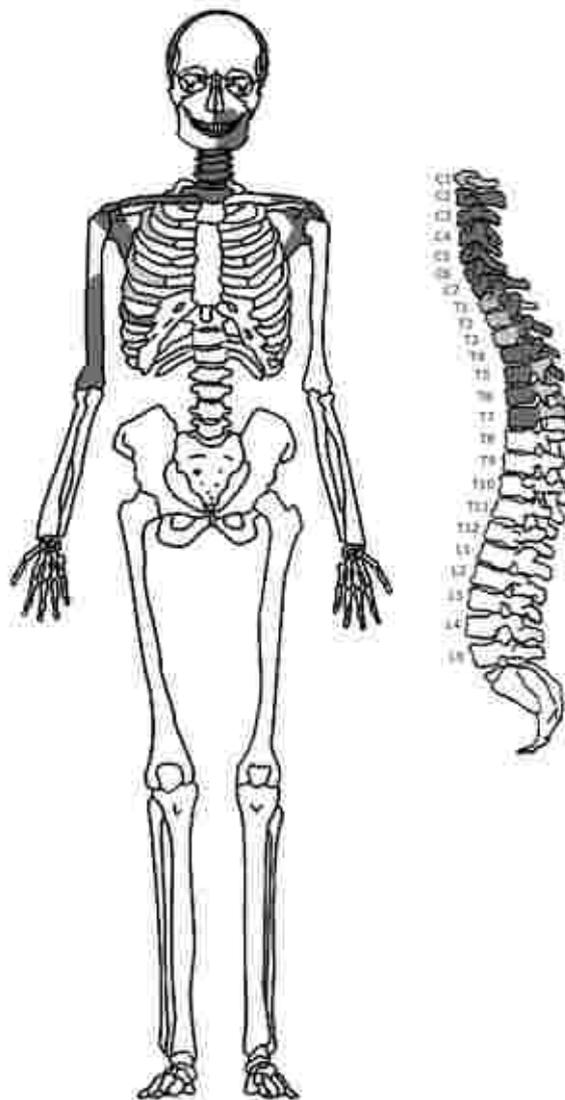
Burial Position and Details:

Plan No: Not specified

Area No: 15

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	N/R	N/R	3	3	3	N/R	N/R	N/R							
Period. Dis.	N/P	N/R	N/R	2	2	2	N/R	N/R	N/R							
E.Hypoplasia	N/P	N/R	N/R	0	0	0	N/R	N/R	N/R							
Cyst	N/P	0	0	0	0	0	0	0	N/R							
Abscess	N/P	0	0	0	0	0	0	1	N/R							
Caries	N/P	N/R	N/R	0	0	0	N/R	N/R	N/R							
Calculus	N/P	N/R	N/R	1	0	1	N/R	N/R	N/R							
	N/P	2	2	1	1	1	2	2	N/R							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/R	N/R	2	4	2	4	4	2							
Calculus	N/P	N/R														
Caries	N/P	N/R														
Abscess	N/P	N/R	N/R	0	N/R	0	N/R	N/R	0							
Cyst	N/P	N/R	N/R	0	N/R	0	N/R	N/R	0							
E.Hypoplasia	N/P	N/R														
Period. Dis.	N/P	N/R														
Attrition	N/P	N/R														

Dental Disease

Antemortem Tooth Loss

SK 370 exhibits antemortem tooth loss of a mandibular premolar and 2 mandibular molars. Complete secondary resorption of the alveolar process at the site of Tooth 34 has occurred with partial resorption of the tooth sockets of Tooth 36 and 37.

Abscess/ Cyst

Tooth 27: An abscess is exhibited at site of Tooth 27 on the buccal aspect of the alveolar bone

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				N/R	N/R			
C2	3	1	0	1				0	1			
C3	1	3, 4	1	N/R				1	3, 4			
C4	3, 4	1	N/R	1				3, 4	1			
C5	1	1	1	1				1	1			
C6	1	1	1	1				1	1			
C7	1	5	1	3, 4				1	3, 4			
T1	5	N/R	3, 4	1	N/R	N/R	N/R	N/R	3, 4	3, 4	N/R	N/R
T2	N/R	3, 4	1	3, 4	4	3	3	N/R	3, 4	N/R	N/R	N/R
T3	3, 4	3, 3	3, 4	3, 4	N/R	N/R	N/R	3, 4	3, 4	3, 4	3, 4	N/R
T4	3, 5	3, 4, 5	3, 4	1	N/R	N/R	N/R	3, 4	3, 4	3	3, 4	N/R
T5	3, 4	3, 4, 5	1	3, 4	3, 4	3, 4	N/R	3, 4	N/R	3	3	N/R
T6	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	N/R	3, 4	N/R	3, 4	3, 4	N/R
T7	3	3, 4, 5	3, 4	3, 4	3	3, 4	N/R	N/R	3, 4	3, 4	3, 4	N/R

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T4, T5 and T7.

Undifferentiated Spondyloarthropathy

SK 370 exhibits extensive ankylosis of the spine with both vertebral body and apophyseal joint involvement. Lesions present at the following vertebrae:

C2 and C3: Bilateral ankylosis is observable due to osteophyte formation at the inferior and superior articular facets and vertebral bodies. Pitting evident on the inferior body of C3.

C4, C5, C6 and C7: Bilateral ankylosis due to osteophyte formation at the inferior and superior articular facets and vertebral bodies. Pitting evident on the superior body of C4.

T1 and T2: Ankylosis at articular facets on the right hand side due to osteophyte formation at the inferior and superior articular facets. Pitting evident on the inferior body of T1, and on the superior and inferior body of T2.

T3 and T4: Ankylosis at articular facets on the right hand side due to osteophyte formation at the inferior and superior articular facets.

Lesions indicative of Osteoarthritis and DJD are also present in the form of surface porosity and marginal osteophytes at several vertebral apophyseal joints.

Joint

SK370 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right Temporal
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Right Clavicle and Acromion process
<i>Sternoclavicular</i>	Surface porosity, marginal osteophytes	Right Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Left and Right Glenoid Fossa Right Humeral Head
<i>Ribs</i>	Marginal osteophytes, surface porosity	2x Right Rib heads 3x Right Costal Facets
<i>Elbow</i>	Surface porosity	Right distal humerus

SK 370: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, dental abscess, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, DJD, Undifferentiated spondyloarthropathy
<i>Joint</i>	DJD, Osteoarthritis

SK 371

Young Adult

Probable Female

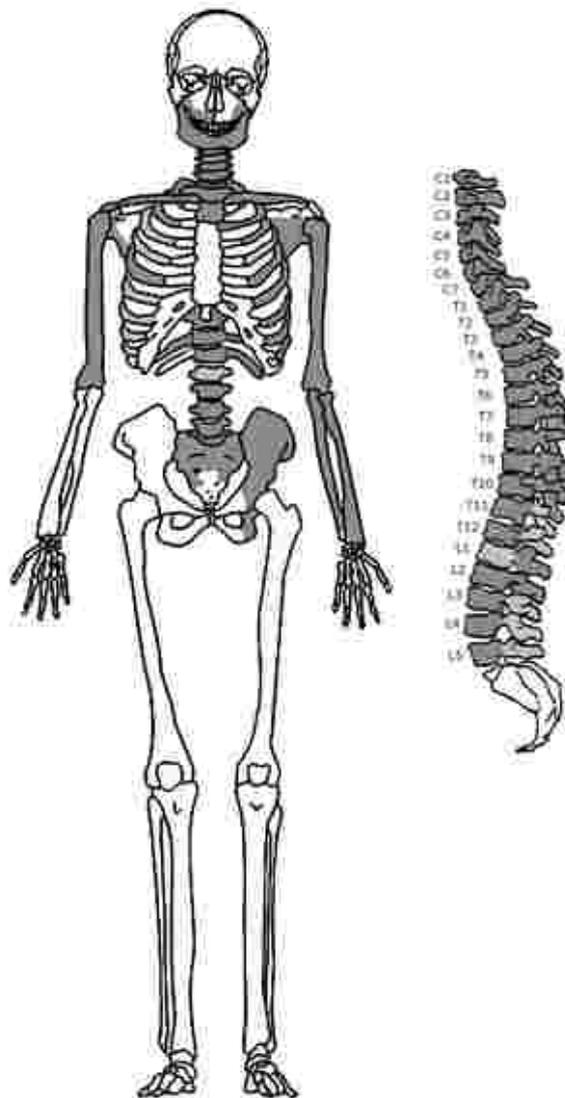
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	0	1	1	1	0	N/R	N/R	N/P	N/P	N/P	N/P	N/R	N/R	1	N/R	N/R
Period. Dis.	1	1	1	0	0	N/R	N/R	N/P	N/P	N/P	N/P	N/R	N/R	1	N/R	N/R
E.Hypoplasia	0	0	0	0	0	N/R	N/R	N/P	N/P	N/P	N/P	N/R	N/R	0	N/R	N/R
Cyst	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	0
Caries	0	0	0	0	0	N/R	N/R	N/P	N/P	N/P	N/P	N/R	N/R	2	N/R	N/R
Calculus	1	1	1	1	1	N/R	N/R	N/P	N/P	N/P	N/P	N/R	N/R	1	N/R	N/R
	1	1	1	1	1	2	2	N/P	N/P	N/P	N/P	5	2	1	2	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	1
Calculus	1	1	1	1	1	1	N/R	N/R	N/R	1	1	1	1	N/R	1	1
Caries	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	N/R	0	0
Abscess	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	N/R	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	1	1	1	0	0	0	N/R	N/R	N/R	0	0	0	0	3	1	1
Attrition	0	1	1	1	0	0	N/R	N/R	N/R	1	1	1	1	N/R	1	0

Caries

Tooth 26: Medium sized carious lesion present on the mesial aspect of the neck of the tooth.

Congenital Abnormalities of the Teeth/ Jaws

There is medial rotation of Tooth 43.

SK 371: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition, tooth rotation

SK 372

Adult

Sex Not Recordable

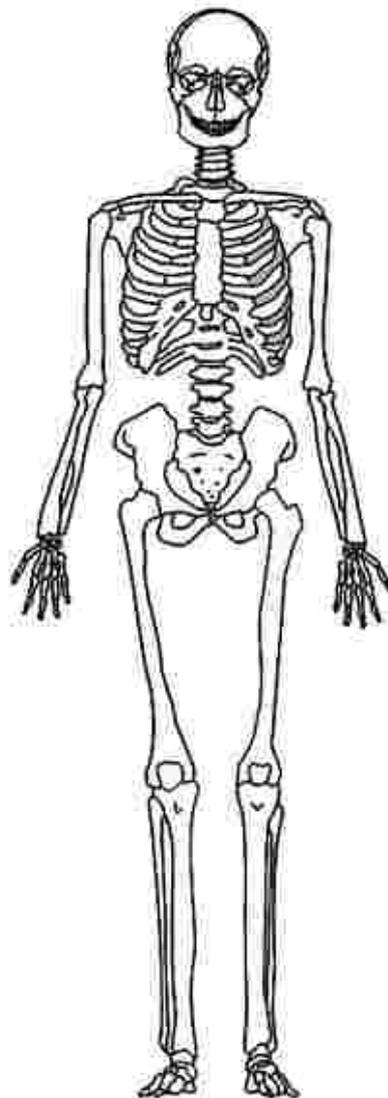
Burial Position and Details:

Plan No: 31C

Area No: 10

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 372: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 373**Young Adult****Female: 159.33 ± 3.55 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 10

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both the lower left and lower right arms were crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	2	2	N/R	N/R	N/R	N/R	N/R
Calculus	1	1	1	1	1	1	1	1	N/R							
Caries	0	0	0	0	0	0	0	0	N/R							
Abscess	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R
E.Hypoplasia	0	0	0	0	1	1	0	0	N/R							
Period. Dis.	0	0	0	0	0	0	0	0	N/R							
Attrition	0	1	1	0	0	1	1	1	N/R							

Dental Disease

Enamel Hypoplasia

Tooth 43: 3 hypoplastic grooves present; 3.17mm, 3.94mm and 5.65mm from the cemento-enamel junction respectively.

Tooth 44: 2 hypoplastic grooves present; 2.04mm and 2.28mm from the cemento-enamel junction respectively.

Post Cranial Pathology

Congenital

Cranial Border Shift

Lumbarisation of T12 is observable.

SK 373: Palaeopathological Summary and Differential Diagnoses

Dental Enamel hypoplasia, calculus, dental attrition
 Congenital Cranial Border Shift

SK 377

Young Adult

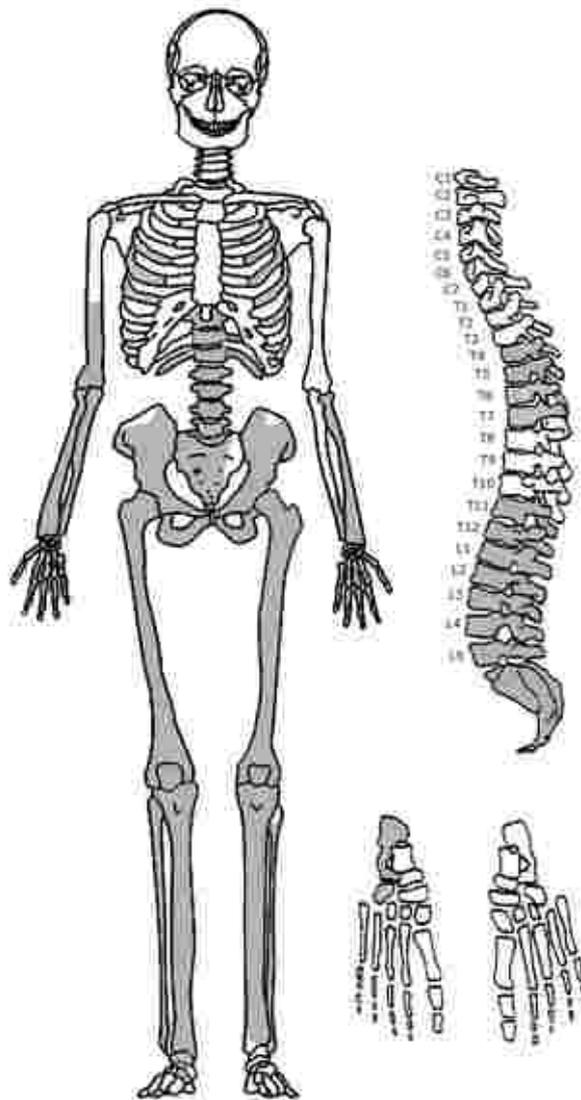
Male: 170.41 ± 2.99 cm

Burial Position and Details:

Plan No: Not specified

Area No: 8

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were extended meeting over the pelvis with the hands positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	4 thoracic centra and neural arches present; unnumbered due to fragmentation											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11	0	0	0	0	0		0	0	4			
T12	5	N/R	0	4	0		0	0	4			
L1	N/R	0	0	0			0	0				
L2	5	0	0	0			0	0				
L3	5	0	0	0			0	0				
L4	0	0	0	0			0	0				
L5	0	0	0	4			0	0				
L6	0	0	N/R	N/R			0	4				

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of T11 and L3. A

Schmorl's node of mild expression is also present at the vertebral body of L2.

Infection

Specific Infection: Tuberculosis

SK 377 exhibits pathological lesions indicative of the specific infection TB in the form of lytic lesions at two lower vertebrae and periosteal inflammatory lesions of a number of ribs. Lytic lesions presenting as multifocal bone loss extending to the trabecular bone are present on the inferior vertebral body of T12 and the superior vertebral body of L1. A single left rib fragment also exhibits a probable lytic lesion presenting as unifocal bone loss on the inferior aspect of the rib body.

Periostitis in the form of woven bone is present on the visceral surface of 2 right rib fragments and on the antero-lateral aspect of the distal shaft of the left fibula. The latter lesion exhibits substantial remodelling so that the bone formation is perpendicular to the bone surface.

Congenital

Supernumerary Vertebra

L6 is present.

SK 377: Palaeopathological Summary and Differential Diagnoses

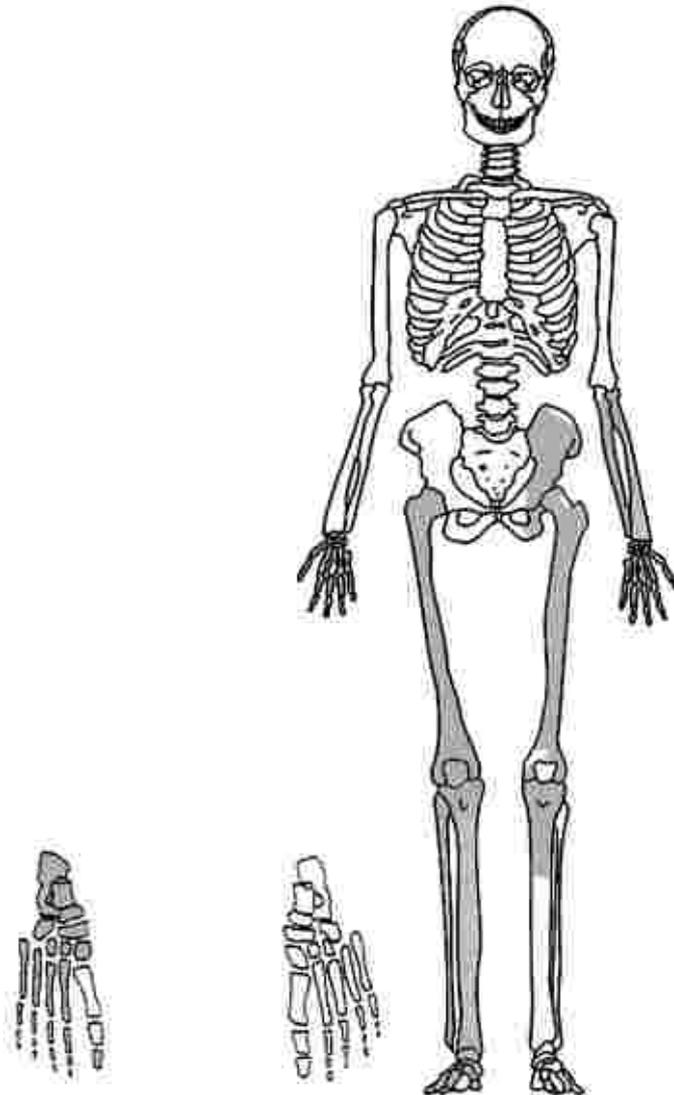
Vertebral Schmorl's nodes, lytic lesions
Infection Tuberculosis
Congenital Supernumerary vertebra

SK 378**Middle Adult****Female: 155.62 ± 3.72 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 8

NE-SW orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Partial Fracture with sequestrum

A probable comminuted fracture is present at proximal articular facet of an unnumbered intermediate foot phalanx. The fracture line is still evident at the proximal articular surface. A possible sequestrum is also observable at the antero-proximal surface of the bone shaft.

SK 378: Palaeopathological Summary and Differential Diagnoses

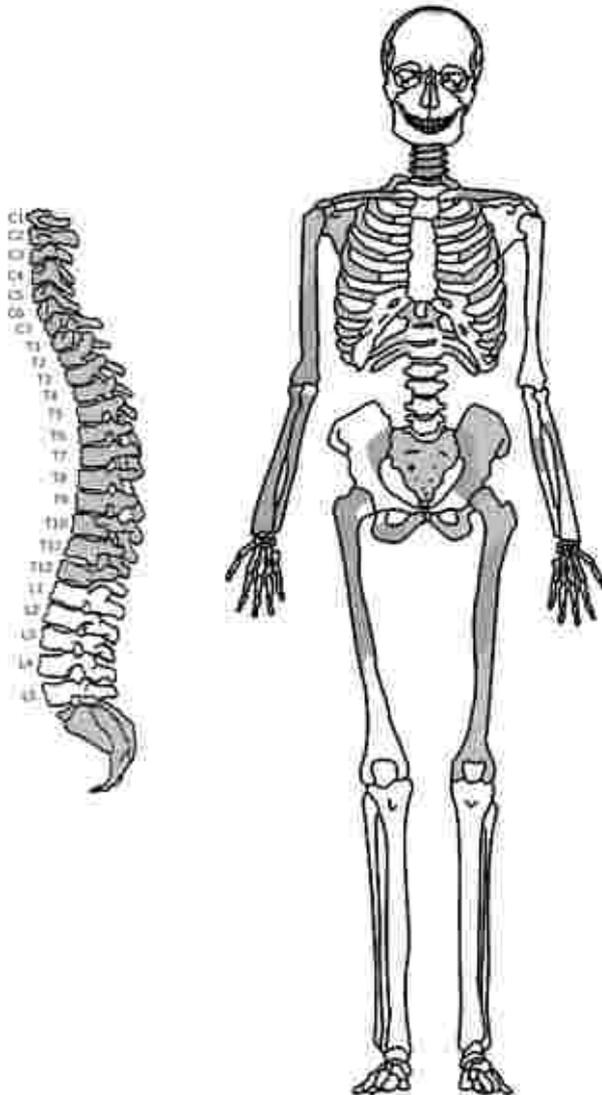
Trauma Fracture with sequestrum

SK 379**Middle Adult Probable Female****Burial Position and Details:**

Plan No: 25A

Area No: 4

W-E orientation: simple, extended supine burial of moderate completeness and good preservation. The left arm was flexed at the elbow crossing the body with the right arm extended straight by the side of the body. The right hand was positioned alongside the right pelvis. The left leg was flexed slightly at the knee towards the right leg which was extended straight.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (increased thickening of the diploë) PH is exhibited adjacent to the sutures and near the bosses of the parietals and occipital bone (within the squamous portion). The activity pattern is healed at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Grade: 2

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		N/R	N/R	N/R				N/R	N/R			
C2	N/R	N/R	N/R	N/R				N/R	N/R			
C3	3 + 4	3 + 4	0	0				N/R	N/R			
C4	3 + 4	0	N/R	N/R				N/R	N/R			
C5	0	4	N/R	N/R				0	0			
C6	4	4	3 + 4	3 + 4				0	0			
C7	3	3 + 4	3 + 4	0				0	0			
T1	Thoracic vertebrae are fragmented and cannot be assigned numbers. 3 thoracic vertebral exhibit marginal osteophytes and porosity on the vertebral bodies. 4 thoracic neural arches exhibit osteophytes on the left transverse process costal facet. Two of these also exhibit porosity at the same location. A further one neural arch exhibits porosity and osteophytes on the superior right articular facet.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T11	4	3 + 4	0	0	4			0	N/R	0		
L1	Osteophytes exhibited on one unnumbered lumbar body and on three of the observable articular facets											
L2												
L3												
L4												
L5												

Joint

SK 379 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Right Humeral Head and glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	3x Right Rib heads and 4 Costal Facets
<i>Hip</i>	Subchondral bone loss	Right Acetabulum

Trauma

Perimortem Fracture

An unnumbered right rib (3-10) exhibits a perimortem fracture with associated primary callus formation of woven bone on the visceral and pleural surfaces. The fracture line is clearly discernible with no observable malunion.

Infection

Reactive Bone Formation

SK 379 exhibits extensive bilateral periosteal reactive lesions affecting primarily the long-bones. Reactive bone deposits composed of woven bone are present at the medial border of the right scapula, the shaft of the right humerus, right ulna, left and right radius, and left and right ilia. A mixed reaction of both woven and sclerotic bone is present at the shaft of the right radius and the left and right femora as well as the dorsal surfaces of all 5 left MCs. A total of six right unnumbered rib fragments also exhibit reactive lesions of both woven and sclerotic bone on both the pleural and visceral surfaces in all cases. A further two unnumbered right rib fragments exhibit woven bone on only the pleural surface. An unnumbered right rib exhibits an extensive sclerotic reaction on the visceral surface. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 379: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD
Joint DJD
Metabolic Porotic Hyperostosis
Infection Non-specific: reactive bone deposits
Trauma Perimortem fracture

SK 380

Adult

Probable Male

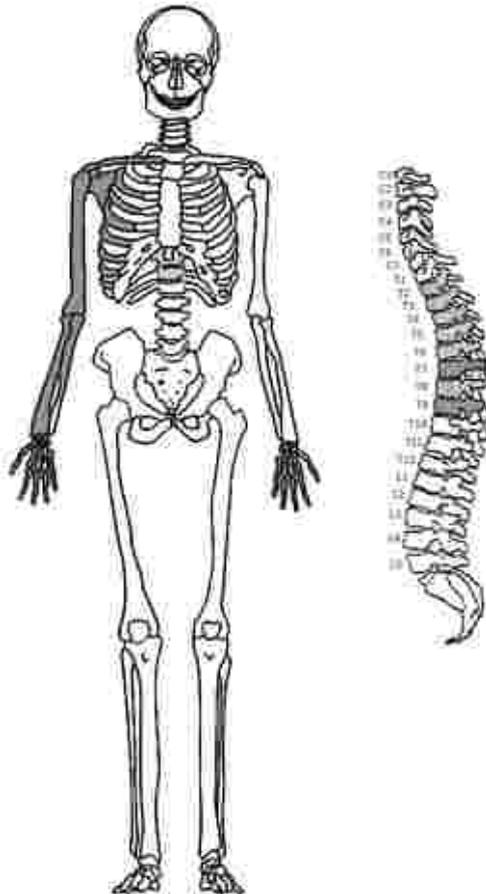
Burial Position and Details:

Plan No: 25A

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T9 and T10.

Infection

Reactive Bone Formation

SK 380 exhibits periosteal reactive lesions of the right humerus, ulna and the right MC2. Reactive bone deposits in the form of woven bone are present at the anterior aspect of the distal right humerus, the anterior and medial aspect of the proximal right ulna and on the dorsal aspect of the right MC2.

Trauma

Fracture

A fracture is present at the left MC4. The fracture line is no longer evident due to extensive healing. Healing in the form of an extensive sclerotic callus formation is observable.

Joint

SK380 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Glenoid Fossa
<i>Ribs</i>	Surface porosity	2x Right Rib Heads 2x Right Costal Facets
<i>Elbow</i>	Marginal osteophytes	Right proximal ulna
<i>Wrist</i>	Marginal osteophytes	Right pisiform

SK 380: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	DJD
<i>Metabolic</i>	Porotic Hyperostosis
<i>Infection</i>	Non-specific reactive new bone formation
<i>Trauma</i>	Fracture

SK 382A

Old Adult

Female: 153.96 ± 3.57 cm

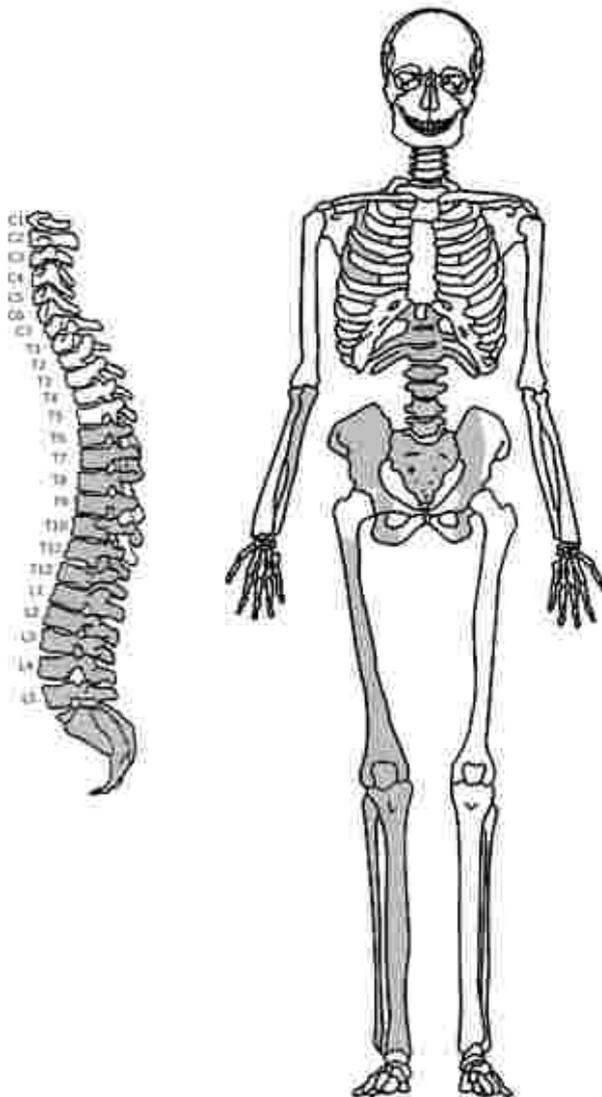
Burial Position and Details:

Plan No: Not specified

Area No: 15

N-S orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	4 thoracic neural arches present; two have osteophytes and porosity on the superior and inferior right articular facets. A third has N/R for the superior facet but osteophytes and porosity evident on the right inferior articular facet.											
T2												
T3												
T4												
T5												
T6												
T7	3	3 + 4	3 + 4	3 + 4	0	4	0	0	0	0	4	N/R
T8	3 + 4	3 + 4	3 + 4	3 + 4	0	0	0	0	3 + 4	0	4	0
T9	3 + 4	3 + 4	3 + 4	N/R	0	0	0	3 + 4	N/R	0	0	N/R
T10	3, 4 + 5	1, 3, 4 + 5	0	0	4		0	0	4			
T11	1, 3, 4 + 5	3, 4 + 5	0	0	4		0	0	4			
T12	3, 4 + 5	3 + 5	0	0	4		0	0	4			
L1	3 + 5	3 + 5	0	0			0	0				
L2	3	0	N/R	0			0	0				
L3	N/R	4	0	3			0	0				
L4	N/R	0	0	0			0	0				
L5	N/R	4	3	3			3	3				

Schmorl's Nodes

Schmorl's nodes of moderate marked expression are present at the vertebral bodies of T10, T11, T12 and L1.

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited most notably at the vertebral bodies of T10, T11 and T12 in the form of surface porosity and marginal osteophytes. Ankylosis has occurred between the vertebral bodies of T10 and T11.

Miscellaneous Pathology

Unidentified ossified mass

A fragment of ossified tissue was found in association with SK 382A.

SK 382A: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral Osteochondrosis
Miscellaneous Ossified biological object

SK 382B

Adult

Sex Not Recordable

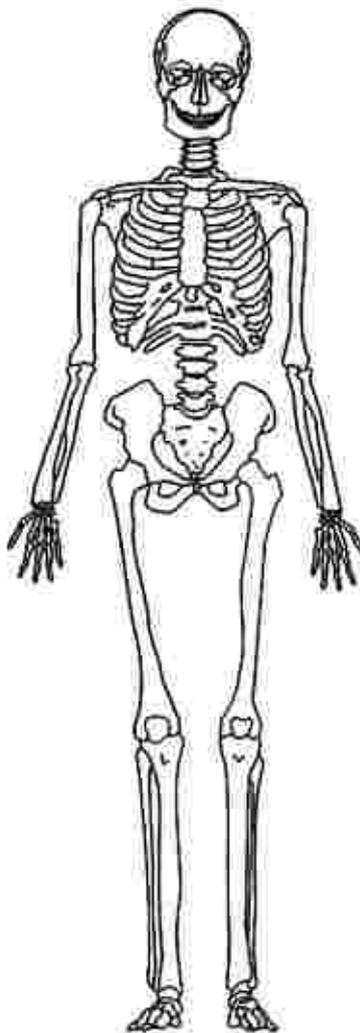
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 382B exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Wrist</i>	Eburnation	Right scaphoid, trapezoid and trapezium

SK 382B: Palaeopathological Summary and Differential Diagnoses

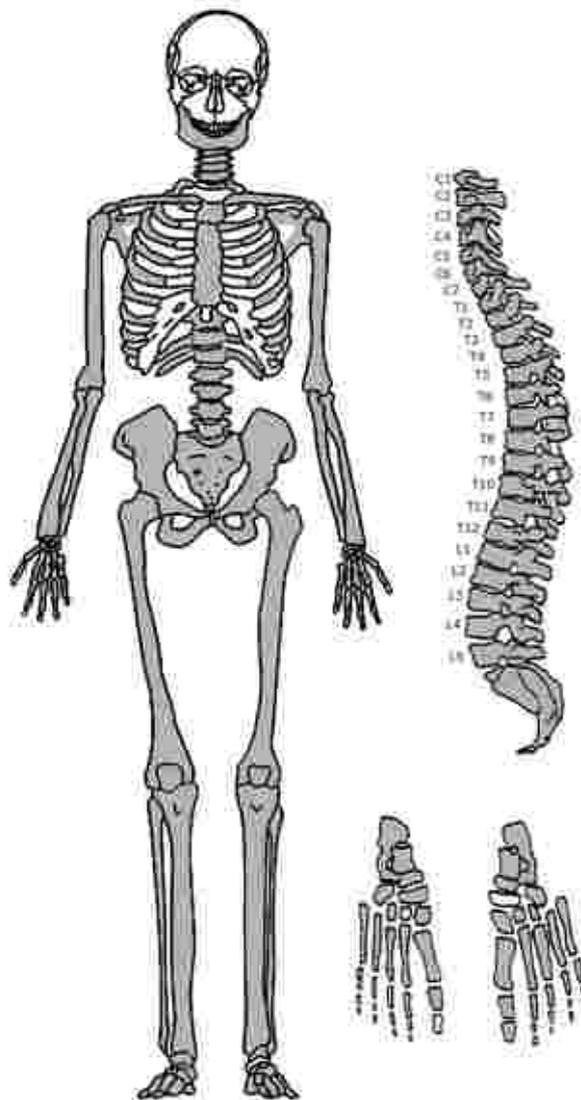
Joint Osteoarthritis

SK 383**Young Adult****Female: 163.07 ± 3.55 cm****Burial Position and Details:**

Plan No: 22E

Area No: 7/8

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both the arms and the legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	0	1	0	0	2	2	2	2	2	1	1	1	1	1	1	0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				N/R	0			
T1	0	0	0	0	0	0	N/R	0	0	0	0	0
T2	0	0	0	0	0	0	N/R	0	0	0	0	0
T3	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T4	0	0	0	0	0	0	0	N/R	N/R	0	0	N/R
T5	0	5	0	N/R	0	0	4	0	0	0	0	4
T6	5	5	0	0	0	0	0	0	0	0	0	0
T7	5	5	0	0	0	0	0	0	0	0	0	0
T8	5	5	0	0	0	0	4	0	0	0	0	0
T9	3	5	0	0	0	0	0	0	0	0	0	0
T10	0	5	0	0	0			0	0	0		
T11	3, 4, 5	3, 5	0	0	0			0	0	0		
T12	3, 5	0	0	0	0			0	0	0		
L1	3	0	0	0				0	0			
L2	5	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T5, T6, T7, T8, T9, T11 and L2. Schmorl's nodes of moderate expression are present at the vertebral bodies of T6, T7, T10 and T12.

Congenital

Cranial Border Shift

Sacralisation of L5 is observable.

Miscellaneous Pathology

Unidentified biological object

An unidentified calcified object was found in association with the hyoid bone of SK 383.

SK 383: Palaeopathological Summary and Differential Diagnoses

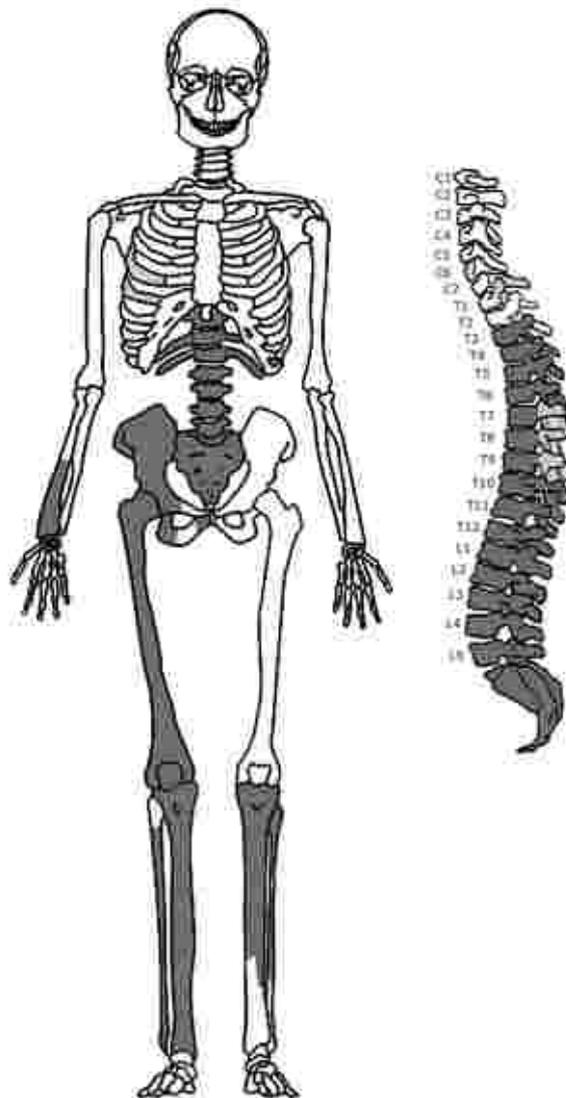
<i>Dental</i>	Calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes
<i>Congenital</i>	Cranial border shift
<i>Miscellaneous</i>	Calcified biological object

SK 384**Middle Adult****Male: 157.54 ± 2.99 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right arm was flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	N/R	N/R	N/R	N/R				N/R	0			
T1	N/R	N/R	0	0	N/R	N/R	0	N/R	0	N/R	N/R	N/R
T3	0	0	0	4	0	N/R	0	0	0	0	0	0
T4	0	0	4	0	0	0	N/R	0	0	0	0	0
T5	0	0	N/R	0	0	0	0	0	0	0	0	0
T6	0	3, 4	0	0	N/R	N/R	0	0	0	0	0	0
T7	3	3, 4	0	N/R	4	0	N/R	0	N/R	0	0	N/R
T8	3, 4	3	0	0	0	0	0	N/R	0	0	0	N/R
T9	3	5	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T10	0	5	0	0	0			0	0	0		
T11	3, 5	0	0	0	0			0	0	0		
T12	0	5	0	0	4			0	0	0		
L1	3, 5	3	0	0				0	0			
L2	3	5	0	0				0	0			
L3	3, 5	0	0	0				0	0			
L4	3	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T9, T10, T11, T12, L1, L2 and L3.

SK 384: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 385

Young Adult

Sex Not Recordable

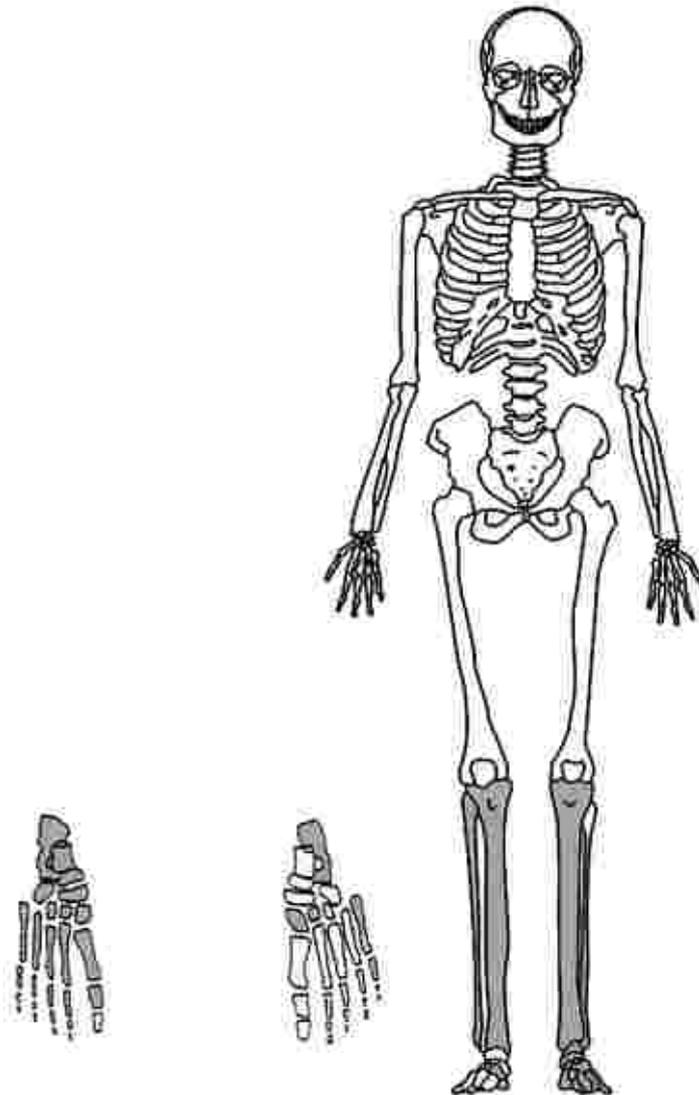
Burial Position and Details:

Plan No: Not specified

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 385: Palaeopathological Summary and Differential Diagnoses

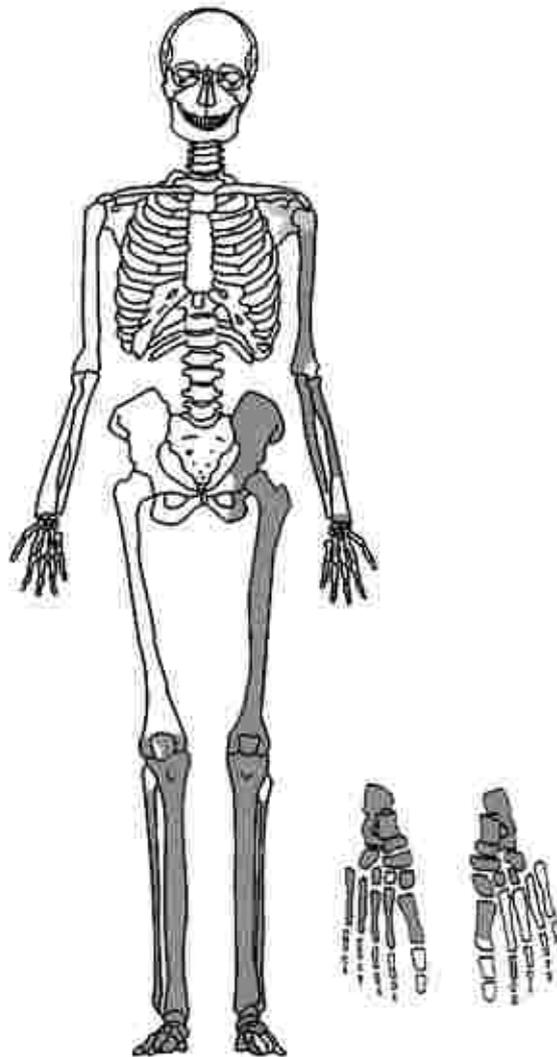
No pathological lesions were observed on the skeletal elements present for analysis.

SK 387**Young Adult****Male: 167.82 ± 3.37 cm****Burial Position and Details:**

Plan No: 22A

Area No: 8

W-E orientation; simple, extended prone burial of poor completeness and poor preservation. The left arm was flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. Both legs were extended straight with the feet together. SK387 was found in association with finds F41, F42 and F43, all of which were worked pieces of chert.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 3

Taphonomy: Animal gnawing marks were noted on the left and right tibiae

SK 387: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 389

Adult

Probable Female

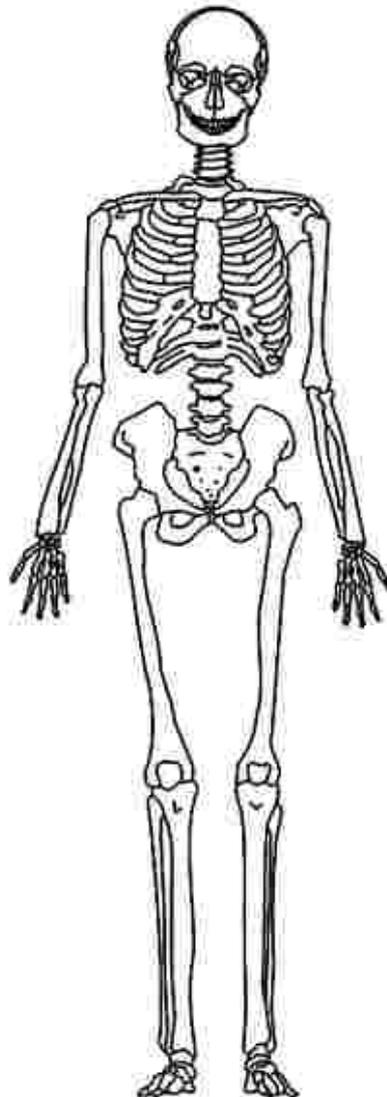
Burial Position and Details:

Plan No: 31B

Area No: 10

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 389: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 390

Middle Adult

Female: 156.85 ± 3.72 cm

Burial Position and Details:

Plan No: Not specified

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T10	0	0	0	N/R	0			N/R	N/R	N/R		
T11	5	0	N/R	N/R	4			N/R	N/R	N/R		
T12	0	0	3	0	4			N/R	0	4		
L1	0	4	3	0				0	0			
L2	N/R	N/R	N/R	0				3	0			
L3	0	3, 4	0	N/R				3	0			
L4	3	0	N/R	N/R				N/R	N/R			
L5	3	3	0	2, 3, 4,				3	2, 3, 4			
L6	3	4	N/R	N/R				N/R	N/R			

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right inferior and left inferior apophyseal vertebral facets of L5 in the form of eburnation, surface porosity and marginal osteophytes

Metabolic/ Trauma

Probable Osteoporosis

SK 390 exhibits structural collapse/ compression fractures at the vertebral bodies of T11, T12, L1, L2, L3, L4 and L5. A possible fracture line is present at the body of T12. All affected vertebra present with the characteristic anterior wedge-shape indicative of osteopenia of the vertebral body's internal structure. The high number of vertebrae exhibiting structural collapse in this individual is indicative of pathological fracture as a result of an underlying disease process such as osteoporosis.

SK 390: Palaeopathological Summary and Differential Diagnoses

Vertebral Osteoarthritis

Metabolic Osteoporosis, Vertebral compression fractures

SK 391

Adult

Sex Not Recordable

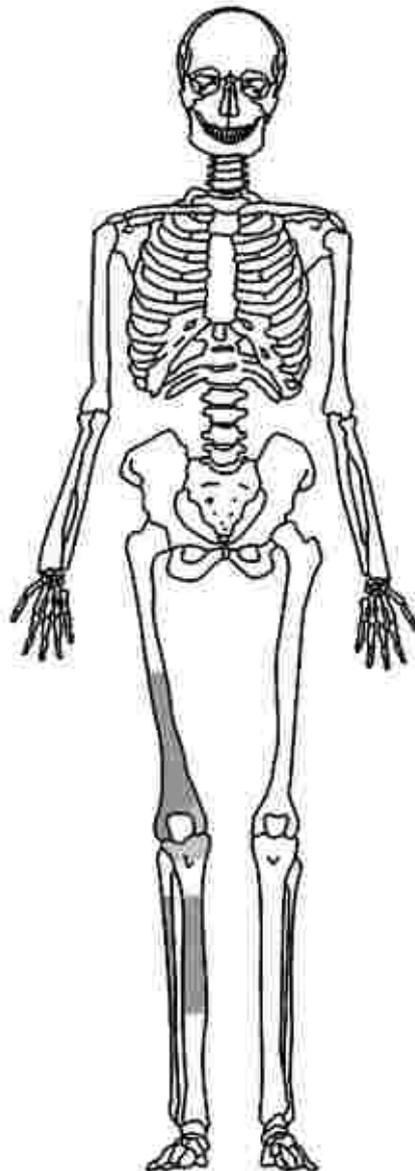
Burial Position and Details:

Plan No: 27

Area No: 16

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 391: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 392

Adult Probable Female: 151.72 ± 3.66 cm

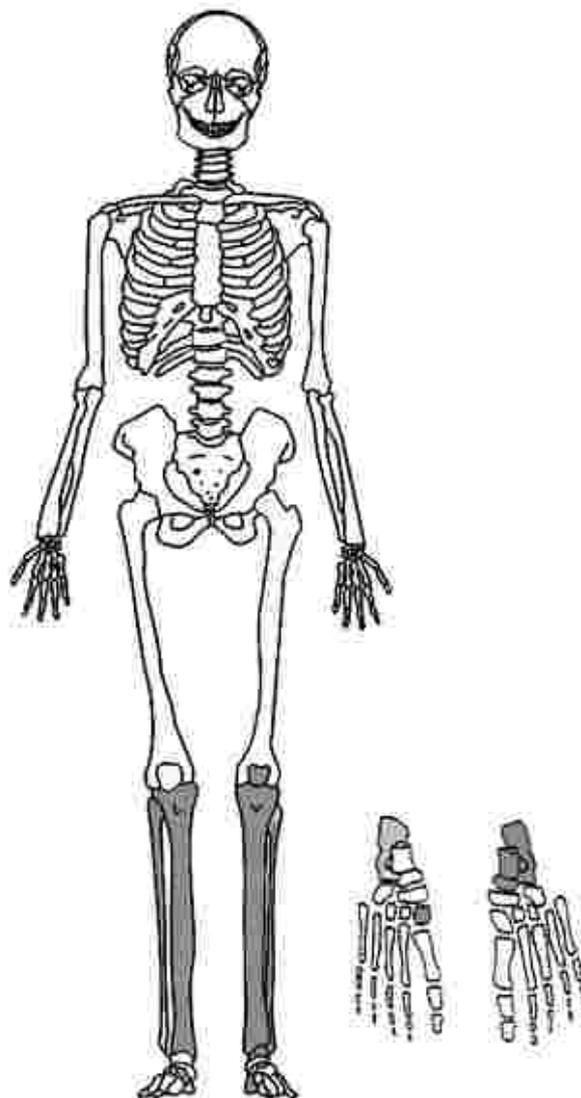
Burial Position and Details:

Plan No: 27

Area No: 16

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 392: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 394

Adult

Probable Male

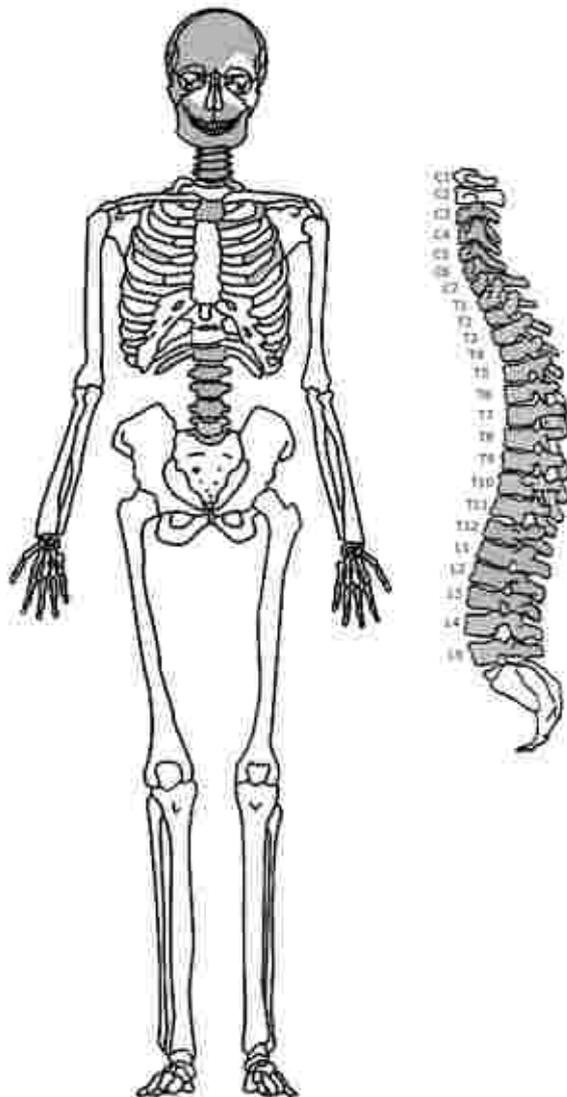
Burial Position and Details:

Plan No: Not specified

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/R	N/R	N/P	N/P	1	1	N/P	N/P	2	1	2	1	N/P	N/P	N/R	N/R
Period. Dis.	N/R	N/T	N/R	N/R												
E.Hypoplasia	N/R	N/R	N/P	N/P	0	0	N/P	N/P	0	0	0	0	N/P	N/P	N/R	N/R
Cyst	N/R	N/R	0	0	N/R	0	0	0	0	0	0	0	0	N/R	N/R	N/R
Abscess	N/R	N/R	0	0	N/R	0	0	0	0	0	0	0	0	N/R	N/R	N/R
Caries	N/R	N/R	N/P	N/P	0	1	N/P	N/P	0	0	0	0	N/P	N/P	N/R	N/R
Calculus	N/R	N/R	N/P	N/P	2	1	N/P	N/P	1	1	1	2	N/P	N/P	N/R	N/R
	N/R	N/R	2	4	1	1	2	2	1	1	1	1	2	2	N/R	N/R
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	2	2	1	2	2	4	4	2	2	1	2	4	4	2	N/P
Calculus	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P
Caries	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P
Period. Dis.	N/P	0	2	N/R	0	N/R	3	3	0	0	N/R	0	3	3	2	N/P
Attrition	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P

Dental Disease

Antemortem Tooth Loss

SK 394 exhibits antemortem tooth loss of a maxillary second premolar, a mandibular central and lateral incisor, second premolar and first molar. Complete secondary resorption of the alveolar process at the tooth sites of Tooth 41 and 42, whilst partial resorption of the affected tooth sockets has occurred with Tooth 15, 35 and 36.

Caries

Tooth 13: Small carious lesion present at the distal aspect of the neck of Tooth 13

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C3	3	3, 4	0	4				0	0			
C4	3, 4	3	0	0				0	0			
C5	0	0	0	0				0	0			
C6	3	3	0	0				0	0			
C7	3	3	3	0				0	0			
T1	6 thoracic centra present; porosity exhibited on the superior and inferior aspects of all centra 9 thoracic neural arches present; no pathological changes present											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T11	N/R	N/R	0	0	N/R			0	0	N/R		
T12	4	4	0	0	3, 4			4	0	3, 4		
L1	4	4	0	0				0	0			
L2	4	4	0	0				0	0			
L3	4	4	0	0				0	0			
L4	N/R	N/R	0	0				N/R	N/R			
L5	NR	N/R	0	0				N/R	N/R			

Joint

SK 394 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	Left 1 st Rib head Left 2 nd Rib costal facet 2x Left Costal Facets 1x Right Costal Facet

SK 394: Palaeopathological Summary and Differential Diagnoses

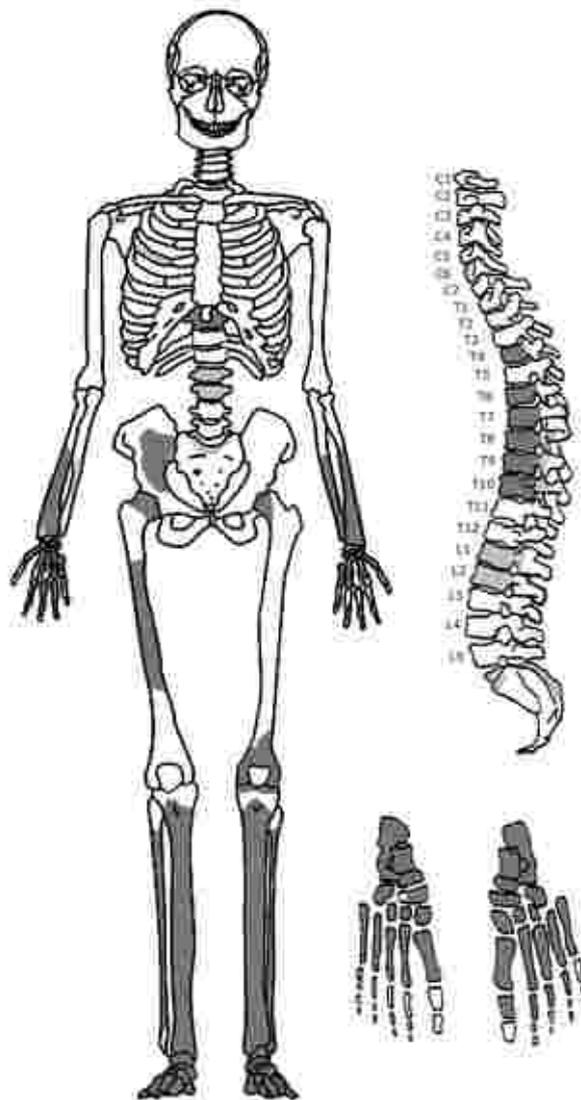
Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
Joint DJD

SK 395**Old Adult****Sex Not Recordable****Burial Position and Details:**

Plan No: 22C

Area No: 8

W-E orientation: simple, flexed burial of good completeness and moderate preservation.
Both legs were flexed at the knee.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%
Approximate Fragmentation: 75-100%
Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

Trauma

Fractures

A partial compression fracture is present at the anterior aspect of the medial tibial epicondyle. The fracture line is still evident. Healing in the form of woven callus bone formation is also observable.

A second mid-shaft fracture is present in the the left radius. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus formation is also observable. Malunion of the fracture has resulted in lateral displacement of the fractured end of the bone.

A third fracture is present at the mid-shaft of the left ulna. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus formation is also observable. Malunion of the fracture has resulted in lateral displacement of the fractured end of the bone.

Joint

SK 395 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes, eburnation	1x Right Costal Facet
<i>Wrist</i>	Surface porosity, marginal osteophytes	Left distal ulna and radius
<i>Hand</i>	Marginal osteophytes, surface osteophytes, surface porosity	Left MC1 and 1 st distal phalanx Right hamate, MC1, MC4, MC5 and 2x distal and 2x intermediate phalanges
<i>Hip</i>	Marginal osteophytes, surface porosity	Left Acetabulum Left and right femoral head
<i>Knee</i>	Surface porosity	Left Medial Femoral Condyle
<i>Foot</i>	Surface porosity	Right MT4

*Congenital**Non-union/ Abnormality of Shape*

The right 1st cuneiform exhibits non-union so that the bone developed in two separate segments. MT1 exhibits a double-facet to correspond with the cuneiform facets.

SK 395: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Intervertebral Osteochondrosis
<i>Joint</i>	Osteoarthritis, DJD
<i>Trauma</i>	Fractures
<i>Congenital</i>	Non-union of tarsal

SK 397

Adult

Indeterminate Sex

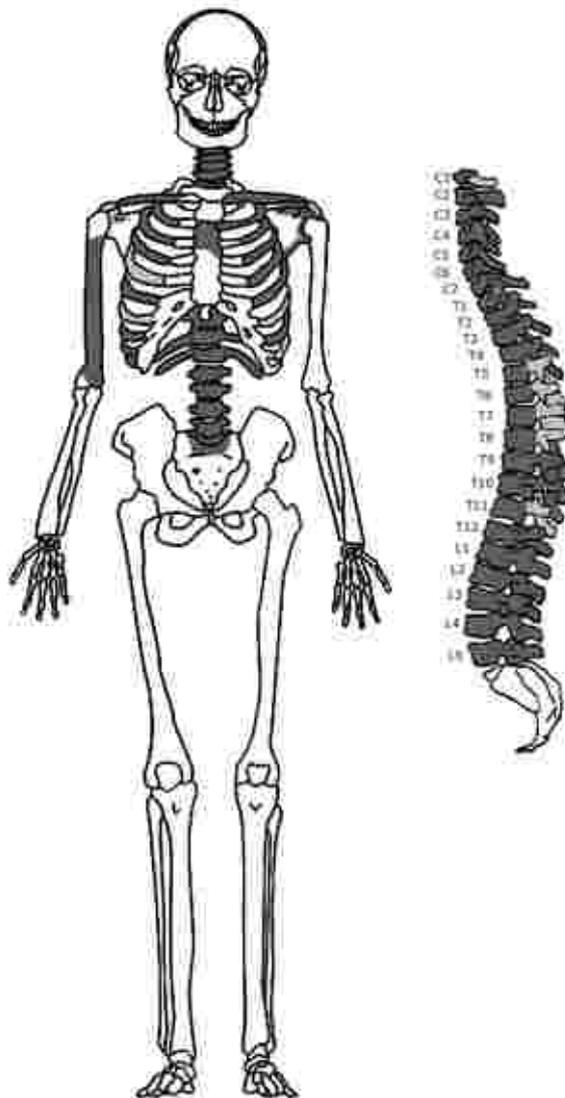
Burial Position and Details:

Plan No: Not specified

Area No: 15

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T8, T10, T11, T12, L1 and L2.

SK 397: Palaeopathological Summary and Differential Diagnoses

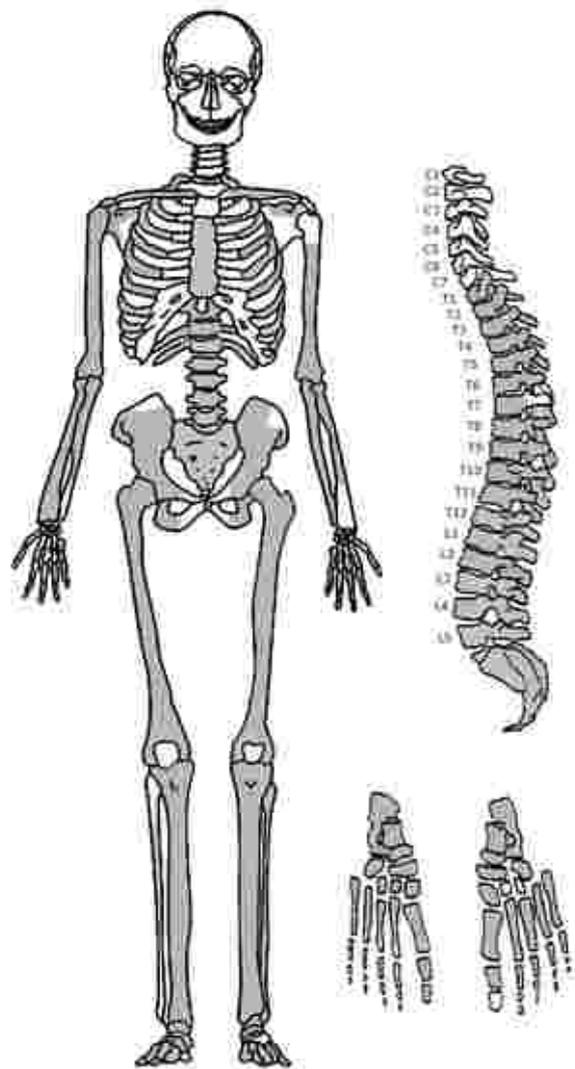
Vertebral Schmorl's nodes

SK 398**Middle Adult****Male: 165.73 ± 2.99 cm****Burial Position and Details:**

Plan No: 31B

Area No: 10

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis. Both legs were extended straight with the feet crossed.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	N/R	0	0	0	0	0	N/R	0	0	N/R	N/R	N/R
T2	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T3	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T4	0	0	0	0	0	0	0	0	0	0	4	N/R
T5	0	0	0	0	0	0	0	0	0	0	0	N/R
T6	5	0	0	0	0	0	0	0	0	0	3, 4	N/R
T7	0	0	N/R	N/R	0	3	N/R	N/R	N/R	0	3, 4	N/R
T8	3	3	N/R	0	0	0	N/R	0	N/R	0	3, 4	N/R
T9	3	0	3	0	0	0	N/R	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	5	3	0	0	3			0	0	0		
T12	0	5	0	0	N/R			0	0	N/R		
L1	N/R	N/R	N/R	0				N/R	3			
L2	3, 5	3	N/R	3				3	3			
L3	3	3	N/R	N/R				3	3			
L4	3	N/R	3	3				3	3			
L5	N/R	N/R	3	2, 3, 4				N/R	2, 3, 4			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T6, T11, T12 and L2.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right inferior and left inferior apophyseal vertebral facets of L5 in the form of eburnation, marginal osteophytes and surface porosity.

*Infection**Reactive Bone Formation*

SK 398 exhibits bilateral periosteal reactive lesions of the lower long-bones. Periostitis in the form of woven bone is present at the proximal shaft of the left and right femora and the left tibia. Extensively remodelled reactive bone deposits composed of woven bone are exhibited along the length of the right tibial shaft giving the bone surface a 'bark-like' appearance. Sclerotic bone is present at the mid-shaft of the left fibula. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Joint

SK398 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Right Clavicle and acromion process
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Humerus
<i>Ribs</i>	Marginal osteophytes	2x Left Costal Facets 3x Right Costal Facets
<i>Elbow</i>	Marginal osteophytes	Left and right proximal ulna
<i>Hand</i>	Marginal osteophytes	2 x Left proximal phalanges (proximal articular surface) 1x Left Intermediate phalanx 1x Right proximal phalanx
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes, eburnation	Left and Right Acetabulum
<i>Knee</i>	Subchondral bone loss, marginal osteophytes, eburnation, surface osteophytes	Left and Right Femoral Head Left and Right Femoral Condyles
<i>Ankle</i>	Marginal osteophytes	Left and Right Tibial Epicondyles Left and Right distal Tibia

Foot Marginal osteophytes

Left and Right Talus,
Left and Right Calcaneus,
Left and Right Navicular,
Left and Right 1st proximal phalanx

SK 398: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, DJD, Osteoarthritis
Joint Osteoarthritis, DJD
Infection Non-specific: reactive bone deposits

SK 399

Middle Adult

Female

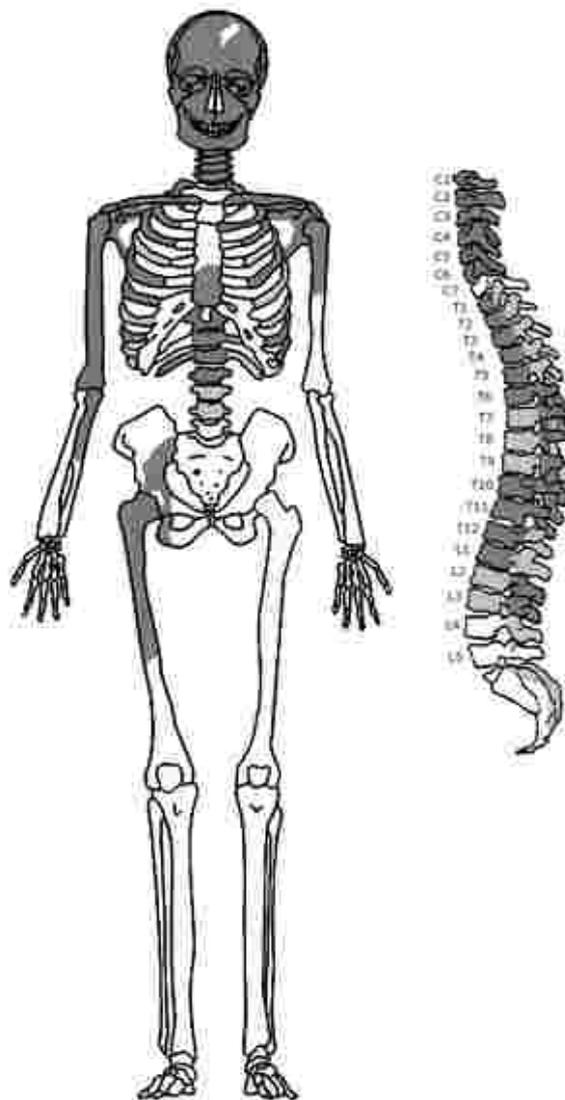
Burial Position and Details:

Plan No: 30A

Area No: 10

W-E orientation; simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	2	2	N/R	N/R	N/R	1	1	N/R	2	1	1	N/R	N/R	N/R	N/R	N/R
Period. Dis.	2	2	N/R	N/R	N/R	1	1	N/R								
E.Hypoplasia	0	0	N/R	N/R	N/R	1	0	N/R	0	0	1	N/R	N/R	N/R	N/R	N/R
Cyst	0	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	1	1
Abscess	0	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	0
Caries	1	2	N/R	N/R	N/R	0	0	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R
Calculus	2	2	N/R	N/R	N/R	1	1	N/R	1	1	1	N/R	N/R	N/R	N/R	N/R
	1	1	4	4	2	1	1	2	1	1	1	2	4	4	4	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	N/R	2	N/R	2	3	3	3	3	3	3	3	3	3	3	3	3
Caries	N/R	0	N/R	0	0	0	0	0	0	0	0	0	0	2	1	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	0	N/R	0	1	1	0	0	0	0	0	1	0	0	0	0
Period. Dis.	N/R	2	N/R	1	1	1	1	1	1	1	1	1	2	2	2	2
Attrition	N/R	2	N/R	0	1	2	3	3	3	2	2	1	0	3	2	2

Dental Disease

Antemortem Tooth Loss

SK 399 exhibits antemortem tooth loss of 4 maxillary molars, both maxillary 1st premolars and a mandibular 3rd molar. Complete secondary resorption of the alveolar process has occurred at the tooth site of Tooth 15, 16, 25 and 26 with partial resorption of the tooth socket in the case of Tooth 27, 28 and 48.

Caries

Tooth 17: Medium-sized carious lesion present at the distal aspect of the neck of the tooth.

Tooth 18: Small carious lesion present at the mesial aspect of the neck of the tooth.

Tooth 36: Medium-sized carious lesion present at the distal aspect of the neck of the tooth.

Tooth 37: Corresponding small carious lesion present on the mesial aspect of the neck of the tooth.

Enamel Hypoplasia

Tooth 13: 1 hypoplastic groove present; 2.38mm from the cemento-enamel junction

Tooth 23: 1 hypoplastic groove present; 2.10mm from the cemento-enamel junction

Tooth 34: 1 hypoplastic groove present; 5.09mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 2.94mm from the cemento-enamel junction

Tooth 44: 1 hypoplastic groove present; 4.32mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral and middle-lateral sector of the left and right orbital roofs.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	4				0	4			
C2	0	0	0	0				0	0			
C3	0	3	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
T1	0	0	N/R	N/R	4	0	N/R	3, 4	N/R	3, 4	0	N/R
T2	0	0	0	N/R	4	0	N/R	N/R	N/R	4	0	N/R
T3	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T4	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R
T5	0	0	N/R	N/R	N/R	0	N/R	0	0	0	0	0
T6	0	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T7	5	5	0	4	0	0	0	0	0	4	N/R	N/R
T8	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T9	0	5	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T10	0	5	0	0	4			0	0	N/R		
T11	3, 5	5	0	0	4			0	0	4		
T12	3, 5	5	0	N/R	4			0	0	4		
L1	3, 5	5	0	N/R				0	N/R			
L2	3, 5	5	0	0				0	0			
L3	5	5	0	0				0	0			
L4	N/R	N/R	N/R	0				0	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T9 and T10.

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T11, and

L3. Schmorl's nodes of marked expression are present at the vertebral bodies of T12, L1 and

L2.

Joint

SK399 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Left Glenoid Fossa Right Humeral Head
<i>Ribs</i>	Surface porosity,	Left 1 st Rib Head 1x Right Costal Facet
<i>Elbow</i>	Marginal osteophytes	Right distal humerus
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Right Acetabulum

SK 399: Palaeopathological Summary and Differential Diagnoses

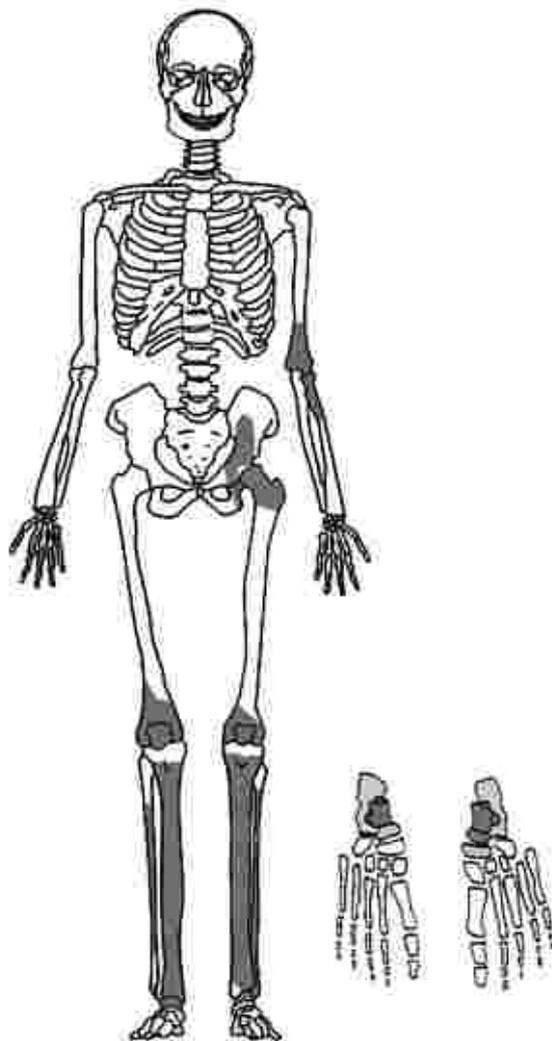
<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, enamel hypoplasia
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	DJD
<i>Metabolic</i>	CO

SK 400**Adult****Probable Male****Burial Position and Details:**

Plan No: Not specified

Area No: 8

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Joint

SK 400 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hip</i>	Marginal Osteophytes	Left acetabulum

SK 400: Palaeopathological Summary and Differential Diagnoses

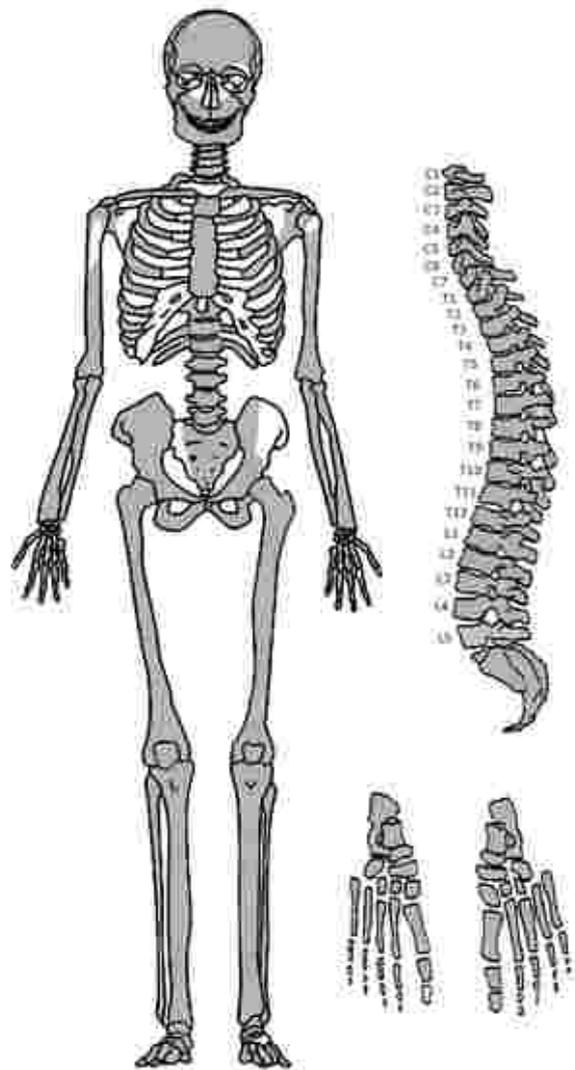
Joint DJD

SK 401**Young Adult****Male: 163.91 ± 2.99 cm****Burial Position and Details:**

Plan No: 30B

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	2	1	1	2	2	2	N/P	1	2	1	1	2	N/P	N/P	
Period. Dis.	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	N/P	0	0	0	0	0	N/P	N/P	
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P	
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P	
Caries	N/P	2	0	0	0	0	0	0	N/P	0	0	0	0	0	N/P	N/P	
Calculus	N/P	0	1	1	1	1	1	1	N/P	2	1	1	1	1	N/P	N/P	
		2	1	1	1	1	1	1		2	1	1	1	1	2	N/P	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1
Calculus		1	1	1	1	1	N/P	2	N/P	N/P	2	2	1	1	1	1	1
Caries		0	0	0	0	0	N/P	0	N/P	N/P	0	0	0	0	0	0	0
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	N/P	0	N/P	N/P	0	0	0	0	0	0	0
Period. Dis.		0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3
Attrition		1	2	2	1	1	N/P	2	N/P	N/P	1	2	1	1	2	2	1

Dental Disease

Caries

Tooth 17: Medium sized carious lesion present at the distal aspect of the neck of the tooth penetrating the pulp cavity

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	0	0	0	N/R				0	0			
C3	N/R	N/R	N/R	N/R				0	0			
C4	N/R	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	N/R	N/R	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	N/R	0
T3	3	0	0	0	0	N/R	0	0	0	0	N/R	0
T4	0	3	0	0	0	N/R	0	0	0	N/R	N/R	0
T5	3	0	0	0	0	N/R	0	0	0	0	0	N/R
T6	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T7	0	5	-	0	0	N/R	0	0	0	0	0	0
T8	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T9	0	0	0	0	0	0	0	N/R	N/R	0	0	N/R
T10	0	5	N/R	0	0			0	0	0		
T11	0	5	4	0	0			0	0	0		
T12	5	5	0	0	3			0	0	0		
L1	5	5	0	0				0	0			
L2	5	0	0	0				0	0			
L3	0	0	N/R	N/R				N/R	N/R			
L4	0	0	0	N/R				0	0			
L5	0	0	0	0				0	N/R			
L6	0	0	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T10, T11, T12, L1 and L2.

Infection

Osteomyelitis with septic arthritis

SK 401 exhibits extensive medullary cavity inflammatory lesions of the right distal tibia and talar ankle joint surfaces. Diffuse abnormal bone loss is evident on the subchondral surface of the distal tibia. The majority of the articular surface is affected by this bone loss. Reactive sclerotic bone formation is also evident at this location affecting greater than $\frac{2}{3}$ of the subchondral surface. This bone formation has resulted in an enlarged joint surface. The cortex of the distal medial diaphysis is perforated by a cloacal indicating medullary cavity involvement.

The inflammatory lesions of the distal tibial articular surface have resulted in septic arthritis of the ankle joint. The trochlear surface of the right talus exhibits arthritic changes in the form of surface and marginal osteophytes which have enlarged the joint surface.

Reactive Bone Formation

SK 401 also exhibits periosteal reactive lesions of the left and right ribs. Reactive bone deposits in the form of sclerotic bone are present on the visceral surfaces of 5 right ribs adjacent to the rib neck and a further 1 right rib. Sclerosis of these lesions indicates healing took place before the time of death.

Lytic Lesion

A possible lytic lesion is present at the left humeral head adjacent to the greater tubercle. The lesion presents as unifocal bone loss extending to the trabecular bone and measures 15.7mm superior-inferior and 13.1mm medial-lateral.

Trauma

Fracture with secondary osteomyelitis

A healed fracture is present at the distal shaft of the left ulna. The fracture line is no longer evident due to extensive healing. Healing in the form of extensive sclerotic callus bone formation is also observable. This fracture has resulted in secondary osteomyelitis at the fracture site in the form of a single cloacal with an associated circumferential periosteal inflammatory lesion. Shortening of the ulnar shaft by 7mm has also occurred as a result of this fracture.

A second fracture is evident at the shaft of the left clavicle. The fracture in this location is well-healed with sclerotic bone apparent.

Congenital

Supernumerary Vertebra

L6 is present.

SK 401: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes
<i>Infection</i>	Osteomyelitis, and septic arthritis
<i>Trauma</i>	Fracture with secondary infection
<i>Congenital</i>	Supernumerary vertebra

SK 403

Adult

Male

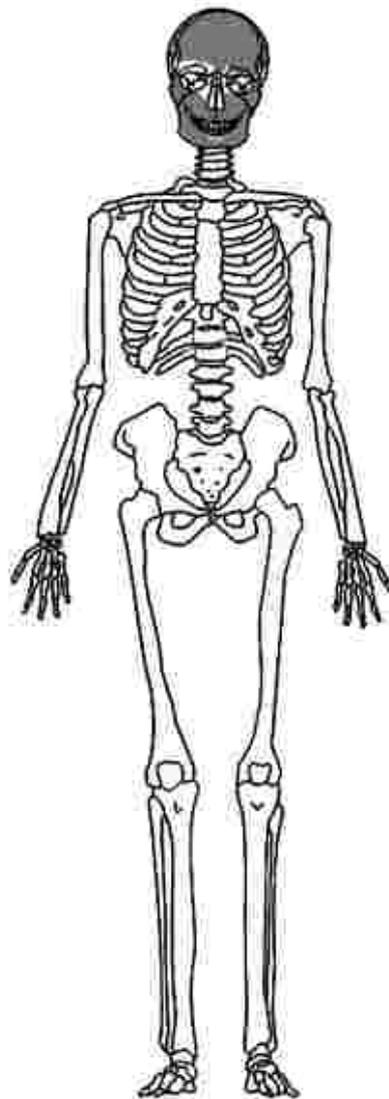
Burial Position and Details:

Plan No: Not specified

Area No: 10

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	1	1	N/R	1	1	2	N/P	3	3	2	2	1	1	N/P	1	1
Period. Dis.	2	2	N/R	1	1	1	N/P	1	1	1	1	2	2	N/R	3	2
E.Hypoplasia	0	0	N/P	0	0	0	N/P	0	0	0	0	0	0	N/P	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Abscess	0	0	N/R	0	1	0	0	N/R	0	0	0	0	0	N/R	0	0
Caries	1	1	N/P	2	0	0	N/P	0	0	0	0	0	2	N/P	0	0
Calculus	2	2	N/P	1	1	1	N/P	1	1	1	1	2	2	N/P	1	1
	1	1	4	1	1	1	2	1	1	1	1	1	1	4	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	2	2	1	1	1	2	3	3	3	1	1	1	1	4	1
Calculus	2	N/P	N/P	3	2	2	N/P	N/P	N/P	N/P	3	3	3	3	N/P	2
Caries	1	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P	1
Abscess	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
E.Hypoplasia	0	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	0	0	N/R	N/R	N/P	0
Period. Dis.	3	3	3	3	2	2	N/P	N/P	N/P	N/P	N/R	2	2	2	3	3
Attrition	1	N/P	N/P	1	1	2	N/P	N/P	N/P	N/P	2	1	1	3	N/R	1

Dental Disease

Antemortem Tooth Loss

SK 403 exhibits antemortem tooth loss of two maxillary molars and 1 mandibular molar. Partial secondary resorption of the alveolar process at the affected tooth site has occurred with the exception of Tooth 37 where very little remodelling is observable.

Caries, Abscess/ Cyst

Tooth 15: Medium-sized carious lesion present on the lateral aspect of the neck of the tooth.

Tooth 17: Small carious lesion present on the lateral aspect of the neck of the tooth.

Tooth 18: Small carious lesion present on the mesial aspect of the neck of the tooth.

Tooth 25: Medium-sized carious lesion present on the lateral aspect of the neck of the tooth.

Tooth 26 and Tooth 27: large cyst present at the lingual aspect of the tooth roots.

Tooth 37: Cyst evident at the root of tooth 37; both of the individual tooth roots are absent due to the large cyst. Remodelling has not commenced at this site but the large cavity suggests that the tooth loss occurred ante- as opposed to post- mortem.

Tooth 38: Small carious lesion present at the mesial aspect of the neck of the tooth.

Tooth 48: Two small carious lesion present on the buccal aspect and the mesial aspect of the neck of the tooth.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 3 (large and small isolated foramina) CO is exhibited in the antero-lateral, antero-intermediate, antero-medial and middle-lateral sector of the left orbital roof.

Trauma

Blunt-force

A healed depression fracture is present at the right frontal bone adjacent to the frontal eminence. The lesion is circular in shape measuring 12.36mm anterior-posterior and 9.91mm medial-lateral. Only the outer table of the bone has been affected by this trauma. Healing is observable in the form of sclerotic callus bone at the fracture site.

SK 403: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental cyst, periodontal disease, calculus, dental attrition
<i>Metabolic</i>	CO
<i>Trauma</i>	Blunt-force cranial trauma

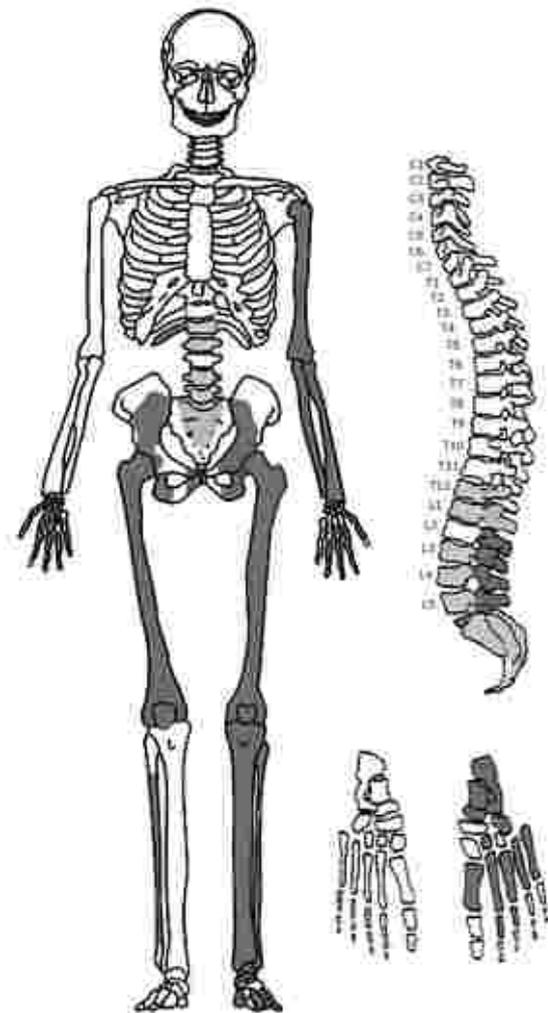
SK 404A**Young Adult****Male: 173.40 ± 2.99 cm****Burial Position and Details:**

Plan No: 37C

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

The left arm was flexed at the elbow crossing the torso with the hands positioned near the vertebrae. Both legs were extended straight with the left foot extended also.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Post- Cranial Pathology

Congenital

Supernumerary Vertebra

L6 is present.

SK 404A: Palaeopathological Summary and Differential Diagnoses

Congenital Supernumerary vertebra

SK 404B

Adult

Sex Not Recordable

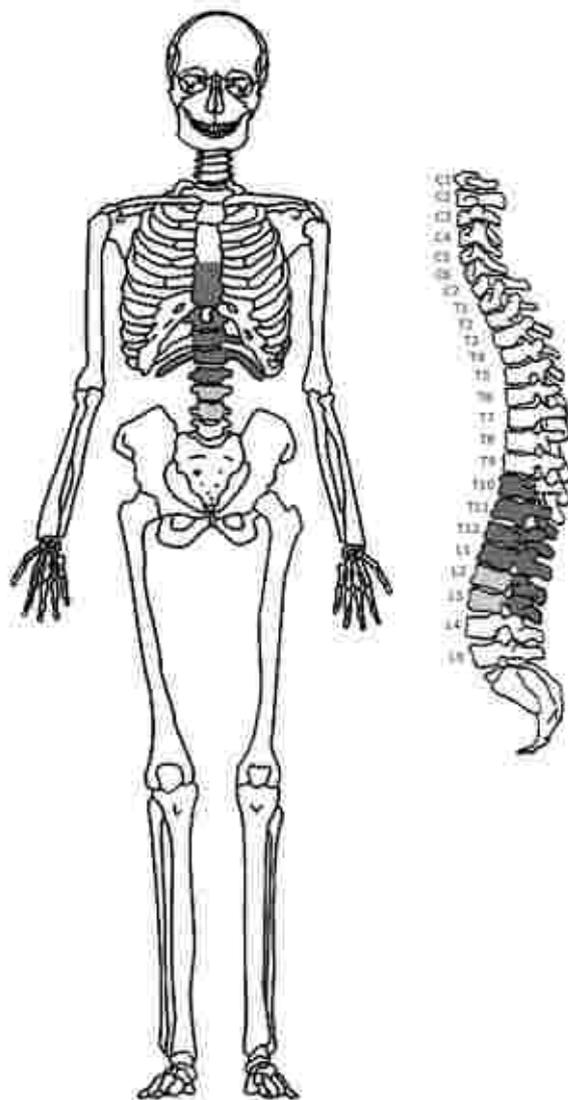
Burial Position and Details:

Plan No: Not specified

Area No: 10

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Compression Fracture

A compression fracture is present at the vertebral body of T10 resulting in an anterior wedge-shaped appearance. Possible secondary kyphosis cannot be assessed due to the absence of articulating vertebrae.

SK 404B: Palaeopathological Summary and Differential Diagnoses

Vertebral Compression fracture

SK 405

Middle Adult Female

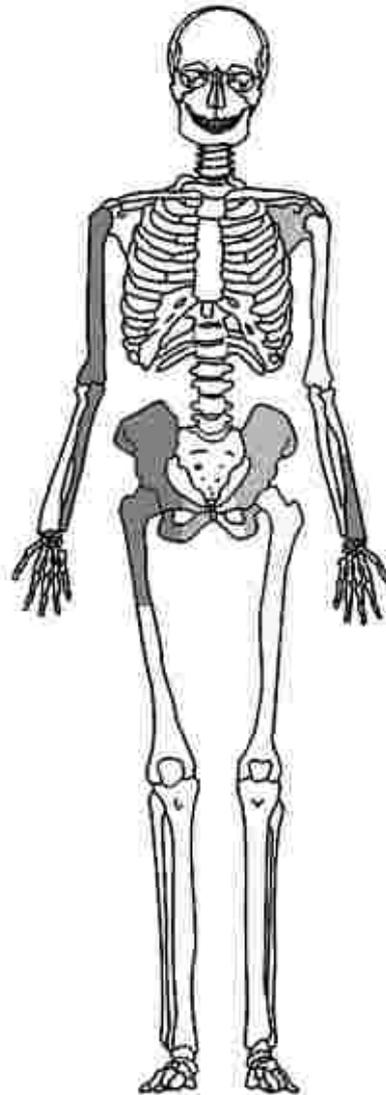
Burial Position and Details:

Plan No: 22A

Area No: 8

Orientation not specified: simple, extended prone burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 405: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 407

Middle Adult

Female: 158.06 ± 3.55 cm

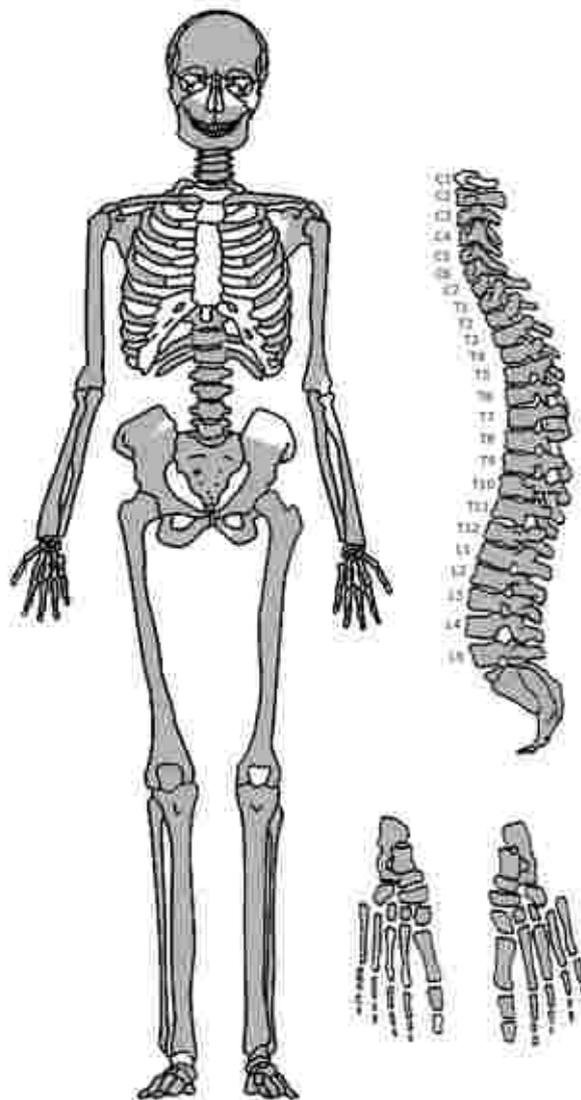
Burial Position and Details:

Plan No: Not specified

Area No: 17/22

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing south.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	0	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1

Cranial Pathology

Metabolic

Cribriform Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate and middle-lateral sector of the left orbital roof and the middle-lateral sector of the right orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				N/R	N/R			
C2	0	0	0	0				0	0			
C3	0	4	0	0				0	0			
C4	0	4	0	0				0	0			
C5	4	3	0	0				0	0			
C6	4	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	3, 4	4	0	0	0	4	0	0
T2	0	0	0	0	0	0	3	0	0	0	0	3
T3	0	0	0	0	0	4	3	0	0	0	0	3
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	0	0
T6	0	4	0	N/R	0	0	0	N/R	N/R	0	0	N/R
T7	0	0	0	0	0	4	0	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	3, 4	3	0	0	0	0	0	0	0	0	0	0
T10	3, 4	0	0	0	0			0	0	0		
T11	3, 4	0	0	0	4			0	0	4		
T12	3, 4	0	0	3	4			0	0	0		
L1	0	0	0	0				3	0			
I 2	3	3	0	0				0	0			
I 3	3	3	3	0				3	0			
I 4	3	3	N/R	0				N/R	0			
I 5	3	0	3	0				0	3			

Joint

SK407 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left Rib head 2x Left Costal facets Right 1 st rib head 4x Right Costal Facets
<i>Wrist</i>	Marginal osteophytes	Left and Right trapezium
<i>Hand</i>	Marginal osteophytes, eburnation	Left and Right MC1 Left 1 st proximal phalanx (proximal articular surface)
<i>Hip</i>	Periarticular resorptive foci, surface porosity	Left and Right Acetabulum

Congenital***Unilateral hypoplasia of the right mandibular ramus and condyle***

There is asymmetry of the temporo-mandibular joint surfaces. The right mandibular condyle appears undeveloped in size in comparison to the left and exhibits an obtuse angulation. The left maximum ramus measurement is 5.4mm greater than that of the right. The asymmetry is likely to be congenital in origin as it is reflected in the morphology of mandibular fossae of the temporal which correspond in size to the articulating mandibular condyles.

SK 407: Palaeopathological Summary and Differential Diagnoses

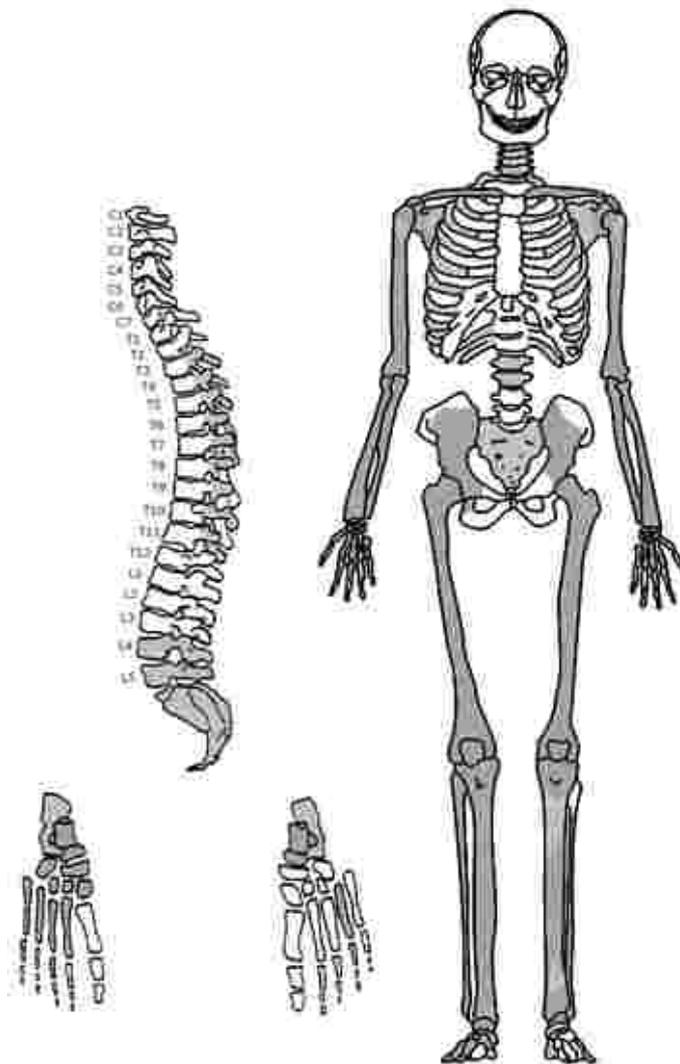
<i>Dental</i>	Calculus, dental attrition
<i>Joint</i>	DJD, Osteoarthritis
<i>Metabolic</i>	Porotic Hyperostosis, Cribra Orbitalia
<i>Congenital</i>	Unilateral hypoplasia of the mandible and mandibular condyles

SK 408**Middle Adult****Male: 167.55 ± 2.99 cm****Burial Position and Details:**

Plan No: 31E

Area No: 10

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	<p>One centra is damaged post-mortem; however there is an enlarged right superior articular facet on this vertebra and there is porosity on the left superior articular facet. The right inferior articular facets have osteophytes, porosity and eburnation present. Grade 3 according to Sager.</p> <p>A further 2 vertebral inferior bodies have porosity and osteophytes apparent. Grade 2 and Grade 3.</p> <p>A fragmented neural arch has porosity and osteophytes apparent on the superior and inferior right articular facets; Grade 2.</p>											
C2												
C3												
C4												
C5												
C6												
C7												
T1	<p>There are no pathological lesions apparent on the thoracic vertebrae neural arches that are present.</p>											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11												
T12												
L1	<p>There are no pathological lesions apparent on the lumbar vertebrae.</p>											
L2												
L3												
L4												
L5												

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right superior apophyseal vertebral facet of one unnumbered cervical vertebra in the form of marginal osteophytes, surface porosity and eburnation.

*Trauma**Fracture*

A sequestrum is observable on the dorsal surface of an unnumbered intermediate hand phalanx. This bone fragment appears to have originated from the distal articular surface.

Night-stick Fracture

A fracture is present at the distal shaft of the left ulna. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in shortening of the shaft by 8mm.

Joint

SK 408 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Ribs</i>	Surface porosity	2x Right Costal Facets
<i>Elbow</i>	Surface porosity, eburnation	Left distal humerus
<i>Hip</i>	Marginal osteophytes, surface porosity	Right proximal radius Left Acetabulum
<i>Knee</i>	Surface porosity, marginal osteophytes	Right Femoral Head Left and Right Femoral Condyles Left and Right Tibial Condyles

SK 408: Palaeopathological Summary and Differential Diagnoses

Vertebral Osteoarthritis
Joint DJD
Trauma Fractures

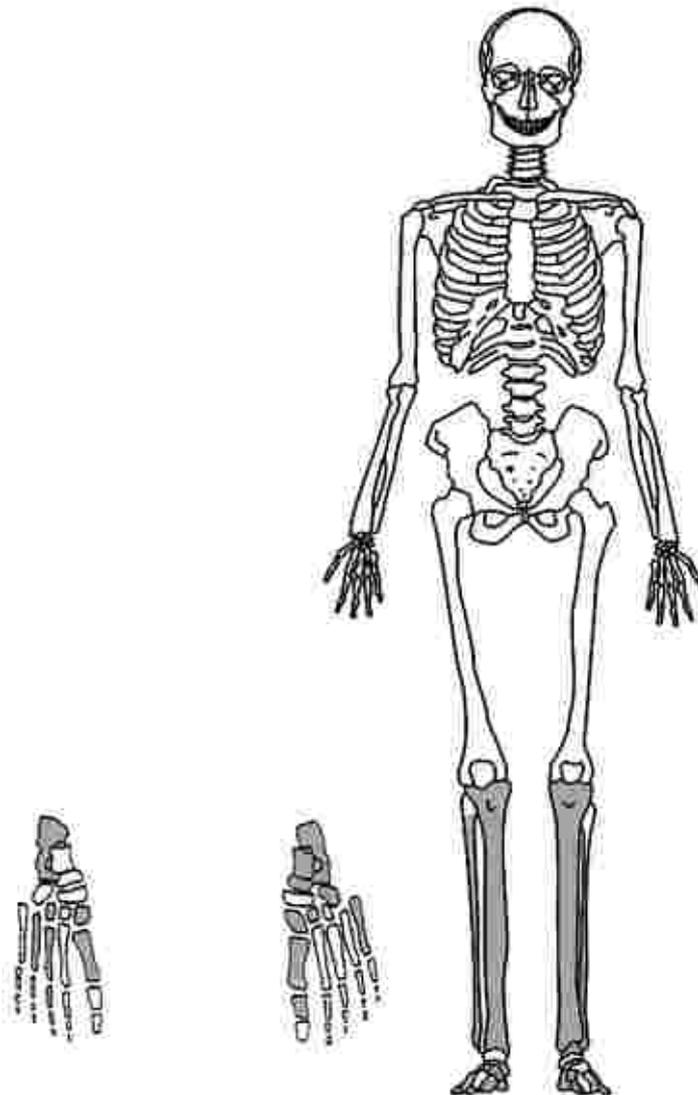
SK 409**Adult****Sex Not Recordable****Burial Position and Details:**

Plan No: Not specified

Area No: 15

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. Both legs were extended straight.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Infection

Reactive Bone Formation and Osteomyelitis

SK 409 exhibits periosteal reactive lesions and medullary cavity inflammatory lesions of the left talus and distal fibula respectively. Osteomyelitis is exhibited at the distal shaft of the left fibula and presents as 2 cloacae with extensive associated bone loss and pitting. A small patch of probable secondary periostitis in the form of woven bone is present at the left talus superior to the groove for the flexor hallucis longus tendon. This latter lesion appears to have been in the process of healing at the time of death.

SK 409: Palaeopathological Summary and Differential Diagnoses

Infection Osteomyelitis and reactive new bone formation

SK 410

Young Adult Female: 147.22 ± 3.57 cm

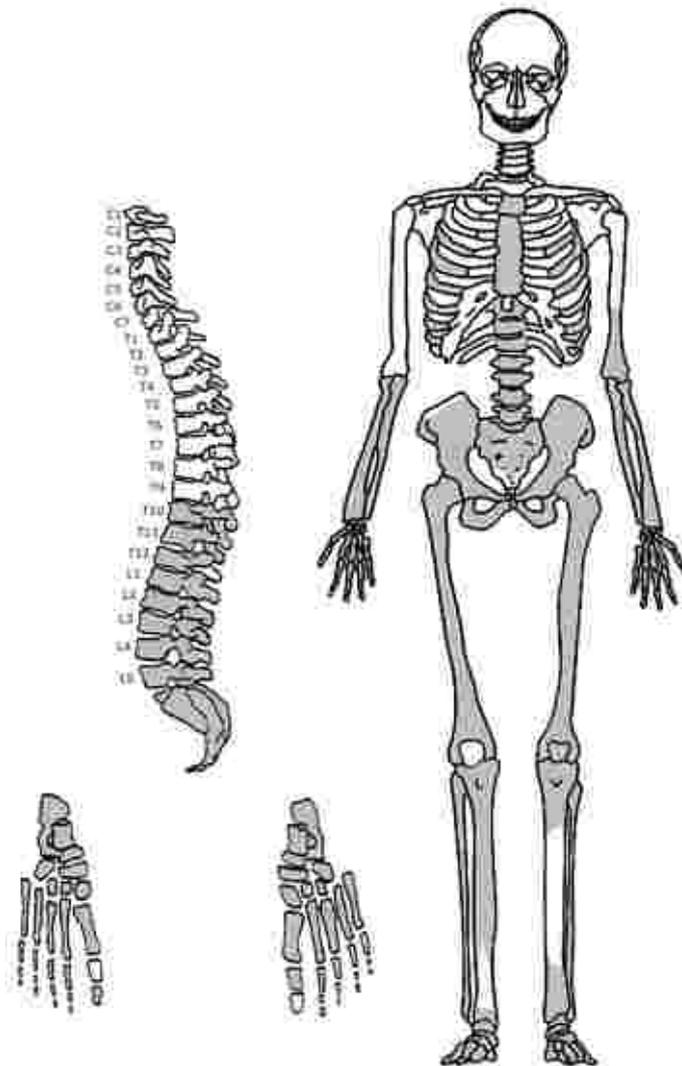
Burial Position and Details:

Plan No: 22B

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Trauma

Osgood-Schlatter disease

SK 410 exhibits lesions indicative of musculo-skeletal stress at the left tibia. The proximal left tibia exhibits abnormality of shape whereby the tibial tuberosity appears raised perpendicular from the normal anatomical position in comparison to the tibial tuberosity of the right tibia. The left tibial tuberosity is 7.07mm further in distance than that of the right tibia when measured from the intercondylar tubercle. Probable secondary periostitis in the form of sclerotic bone is present along the soleal line of the affected tibial shaft.

Congenital

Supernumerary Vertebra

S6 is present.

SK 410: Palaeopathological Summary and Differential Diagnoses

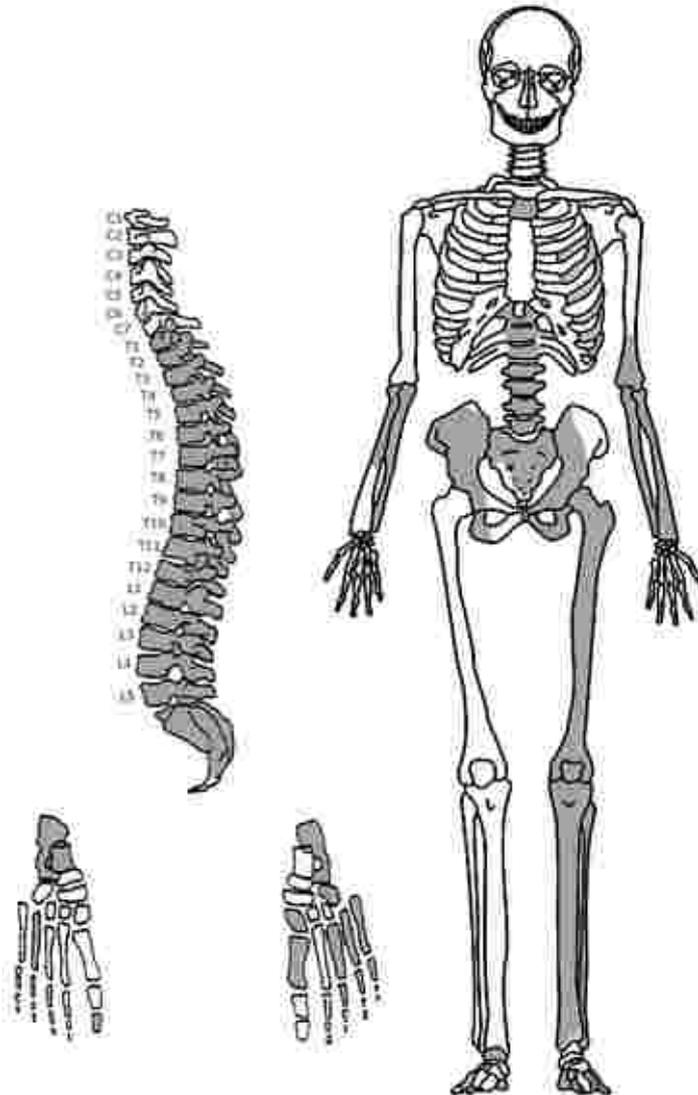
<i>Infection</i>	Secondary periostitis
<i>Trauma</i>	Osgood-Schlatter disease
<i>Congenital</i>	Supernumerary vertebra

SK 411**Middle Adult****Female: 156.95 ± 3.55 cm****Burial Position and Details:**

Plan No: 22E

Area No: 8

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
T1	0	0	0	0	0	0	0	0	0	N/R*	N/R*	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	4	0	0	0	0	0	0	0	0	4	N/R
T4	0	4	0	0	0	0	0	0	0	0	0	0
T5	4	4	0	0	0	0	0	0	0	0	4	0
T6	4	4	0	0	0	4	0	0	N/R	0	4	0
T7	3 + 4	3 + 4	0	0	0	0	0	0	0	0	4	0
T8	4	4	0	N/R	4	4	N/R	N/R	N/R	0	4	N/R
T9	3	3 + 4	0	0	0	4	0	0	0	4	4	N/R
T10	3	4	0	0	0		0	0	4			
T11	3	4	0	0	4		0	0	4			
T12	4	4	0	0	0		0	0	0			
L1	4 + 5	0	0	0		0	0					
L2	0	4	3	0		3	0					
L3	4	3 + 4	3	N/R		3	0					
L4	3 + 4	4	N/R	0		3	0					
L5	0	0	0	0		0	0					

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L1.

SK 411: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node

SK 412	Adult	Sex Not Recordable
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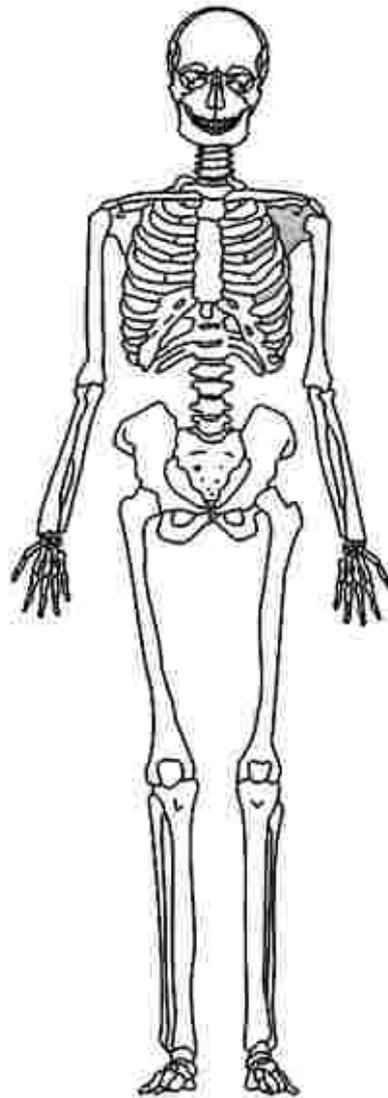
Burial Position and Details:

Plan No: 31E

Area No: 10

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 412: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 413

Old Adult

Indeterminate Sex

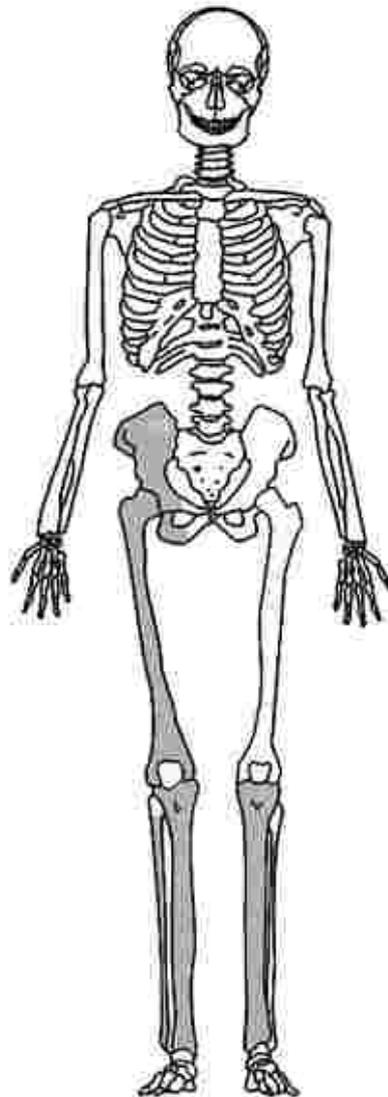
Burial Position and Details:

Plan No: 31E

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Joint

SK413 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Knee</i>	Surface porosity, eburnation	Left Femoral Condyles

SK 413: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis

SK 414

Adult

Sex Not Recordable

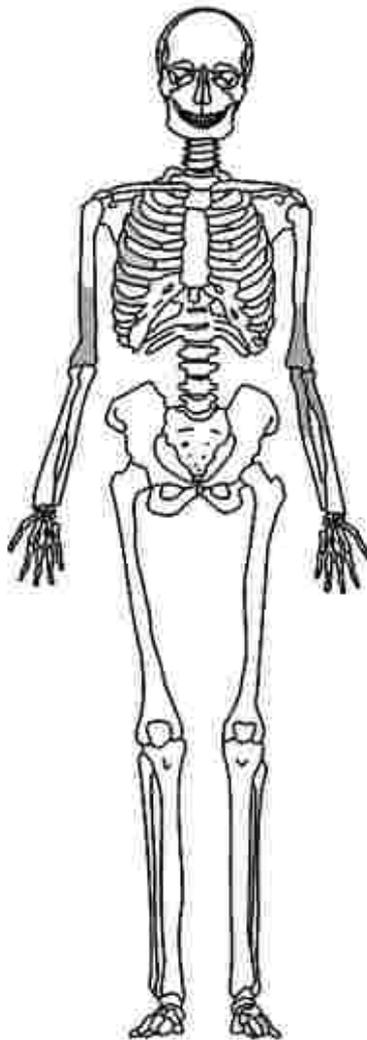
Burial Position and Details:

Plan No: 31E

Area No: 10

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 414: Palaeopathological Summary and Differential Diagnoses

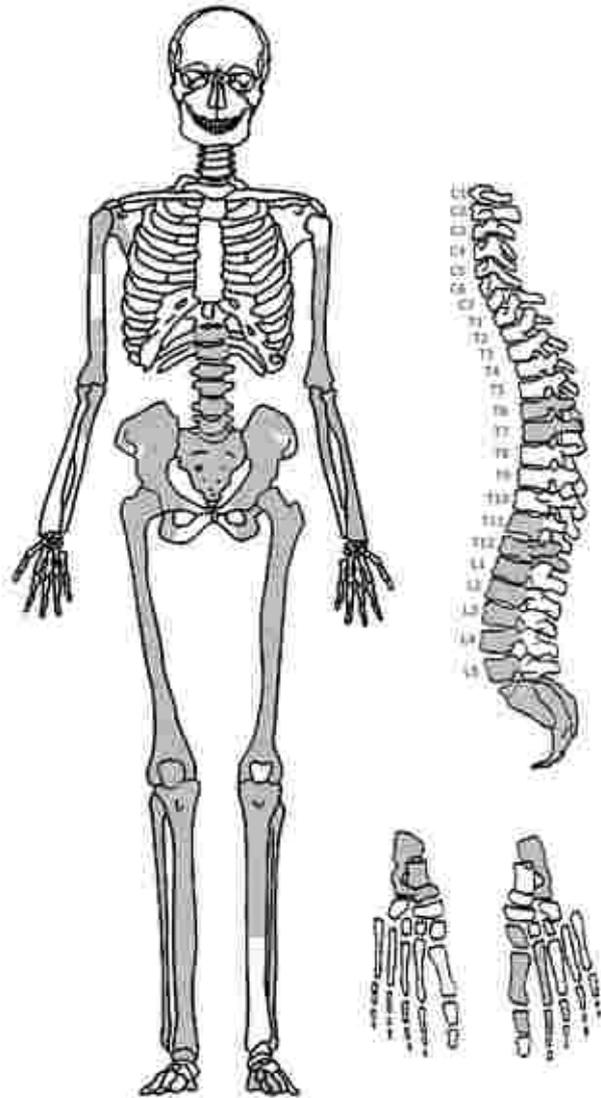
No pathological lesions were observed on the skeletal elements present for analysis.

SK 416A**Old Adult****Male: 162.09 ± 2.99 cm****Burial Position and Details:**

Plan No: 28A

Area No: 12

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis. Both legs were extended straight with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1												
T2												
T3												
T4												
T5	5 thoracic vertebrae are present very poorly preserved so unable to number. Four vertebrae display pathological changes, porosity and osteophytes see below for grades. 3 mild schmorl's nodes are also apparent on the inferior surfaces of the vertebrae.											
T6												
T7												
T8												
T9												
T10												
T11												
T12												
L1	3, 5	5	N/R	N/R				N/R	N/R			
L2	3, 4, 5	3, 4, 5	0	N/R				N/R	N/R			
L3	3, 4, 5	3, 4, 5	3, 4	N/R				3	N/R			
L4	3, 4, 5	3, 4, 5	N/R	N/R				N/R	N/R			
L5	3, 4, 5	0	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of 3 unnumbered thoracic vertebrae, and moderate expression on L1, L2, L3, L4 and L5.

*Infection**Reactive Bone Formation*

SK 416A exhibits periosteal reactive lesions at the left tibia and fibula. A reactive bone deposits in the form of woven bone is present at the antero-medial aspect of the distal tibial shaft. A corresponding mixed reaction of both woven and sclerotic bone is present on the medial-lateral aspect of the distal fibular shaft. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Joint

SK 416A exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Left Humeral Head and Glenoid fossa
<i>Elbow</i>	Surface porosity, eburnation, marginal osteophytes	Left distal humerus and proximal radius
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Right proximal ulna Left and Right Acetabulum
<i>Knee</i>	Surface porosity, marginal osteophytes	Right Femoral Head Right Femoral Condyles
<i>Foot</i>	Surface porosity	Right Tibial Condyles Left MT1

SK 416A: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	Osteoarthritis, DJD
<i>Infection</i>	Reactive bone deposits

SK 416B

Young Adult

Probable Female

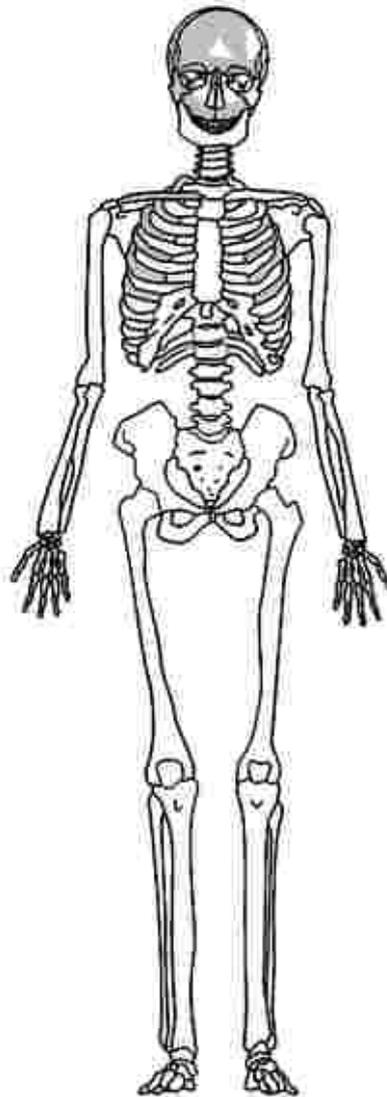
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	N/P	1	0	0	N/P	N/P	N/P	N/P	1	1	0	0	N/P	N/P	N/P	
Period. Dis.	1	0	1	1	1	0	0	0	0	1	1	1	1	0	0	N/P	
E.Hypoplasia	0	N/P	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P	N/P	N/P	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Caries	0	N/P	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P	N/P	N/P	
Calculus	1	N/P	1	1	1	N/P	N/P	N/P	N/P	1	1	1	1	N/P	N/P	N/P	
	1	2	1	1	1	2	2	2	2	2	1	1	1	1	2	2	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P																

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral and antero-intermediate sector of the left orbital roof.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 416B exhibits extensive periosteal reactive lesions at 2 left rib fragments. Reactive bone deposits in the form of both woven and sclerotic bone are present at the visceral surface of the affected ribs. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Other Comments

Non-metric variation

SK 416B exhibits a tri-partite apical bone.

SK 416B: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition
<i>Metabolic</i>	CO
<i>Infection</i>	Reactive bone deposits
<i>Congenital</i>	Apical bone present

SK 416C

Adult

Sex Not Recordable

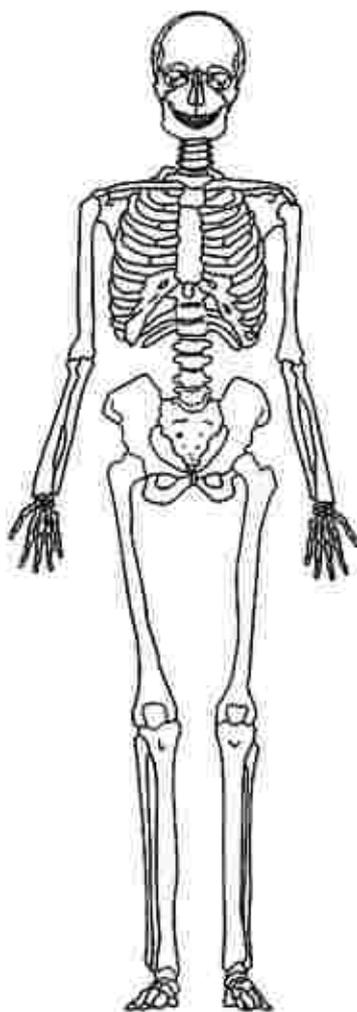
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 416C exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Marginal osteophytes , surface osteophytes	Left Intermediate phalanx (proximal articular surface)

SK 416C: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 417

Middle Adult

Female: 152.29 ± 3.55 cm

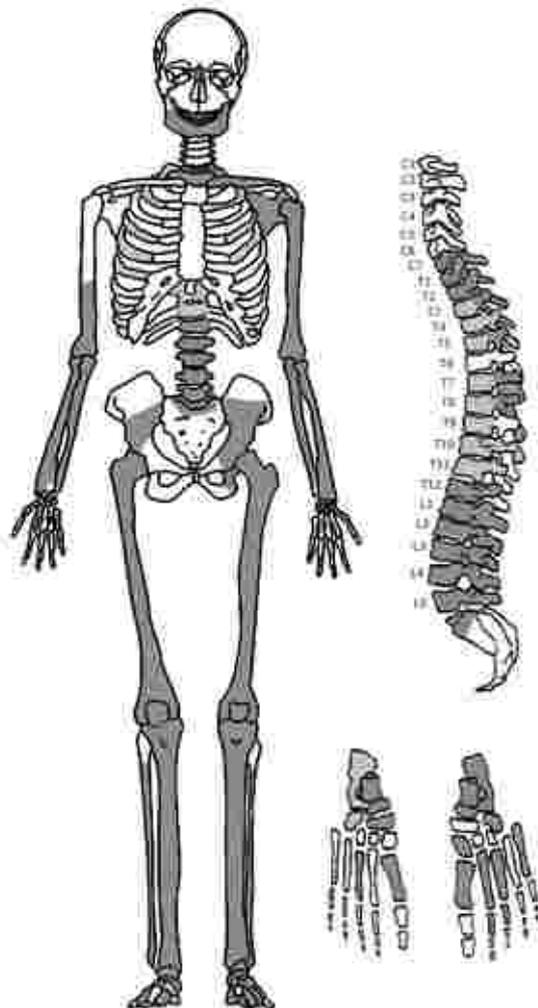
Burial Position and Details:

Plan No: 28D

Area No: 12

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The hands were positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 3

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	2
Calculus	2	3	1	3	2	2	2	2	2	1	1	1	N/R	N/R	N/R	N/R
Caries	0	0	3	1	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	1	N/R	N/R	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R	0
E.Hypoplasia	0	0	0	0	0	1	0	0	0	0	1	0	N/R	N/R	N/R	N/R
Period. Dis.	0	1	1	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R
Attrition	2	2	N/R	1	1	1	1	1	1	1	1	1	N/R	N/R	N/R	N/R

Dental Disease

Antemortem Tooth Loss

SK 417 exhibits antemortem tooth loss of 2 mandibular molars. Partial secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries/ Abscess/ Cyst

Tooth 35: Abscess present at the apex of the tooth root; associated sinus observable on the buccal aspect of the alveolar bone

Tooth 45: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 46: Large carious lesion present on the mesial aspect of the tooth crown which has eroded approximately 50% of the tooth crown

Enamel Hypoplasia

Tooth 33: 1 hypoplastic groove present; 2.85mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 2.86mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	3, 4	0	3	0				0	0			
T1	0	0	3	0	N/R	N/R	N/R	0	0	0	0	0
T2	0	0	0	0	N/R	N/R	0	0	0	0	0	N/R
T3	0	0	0	0	N/R	N/R	N/R	0	0	0	N/R	N/R
T4	0	0	0	4	N/R	N/R	N/R	0	N/R	0	N/R	N/R
T5	N/R	N/R	0	0	0	N/R	0	0	0	0	N/R	N/R
T7	0	0	0	0	0	0	N/R	0	0	0	4	N/R
T8	0	5	0	0	0	0	N/R	0	0	N/R	N/R	N/R
T9	N/R	5	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T10	N/R	5	0	0	N/R			0	0	N/R		
T11	N/R	0	0	N/R	0			N/R	N/R	N/R		
T12	0	5	0	0	0			0	0	N/R		
L1	3	3, 4, 5	0	0				0	0			
L2	3, 4, 5	3, 4, 5	0	3, 4				N/R	0			
L3	3, 4, 5	3, 5	0	0				0	0			
L4	5	0	3	0				0	3			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T9, T10, T12, L1, L2, L3 and L4.

Intervertebral Osteochondrosis

Erosive lesions and surface pitting indicative of intervertebral osteochondrosis are exhibited at the posterior aspect of the inferior vertebral body of L1.

*Trauma**Musculo-Skeletal Stress*

Severe vertical enthesophyte formation indicative of musculo-skeletal stress is present at the right patella.

Joint

SK 417 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface osteophytes	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left Glenoid Fossa
<i>Wrist</i>	Marginal osteophytes	Left distal radius
<i>Hand</i>	Marginal osteophytes	Left MC1
<i>Hip</i>	Periarticular resorptive foci, surface porosity	Left and Right Acetabulum
<i>Knee</i>	Marginal osteophytes	Left and Right Femoral Condyles and Tibial Condyles

*Congenital**Cranial Border Shift*

There is lumbarisation of T12.

SK 417: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental abscess, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Trauma</i>	Musculo-skeletal Stress
<i>Congenital</i>	Cranial Border Shift

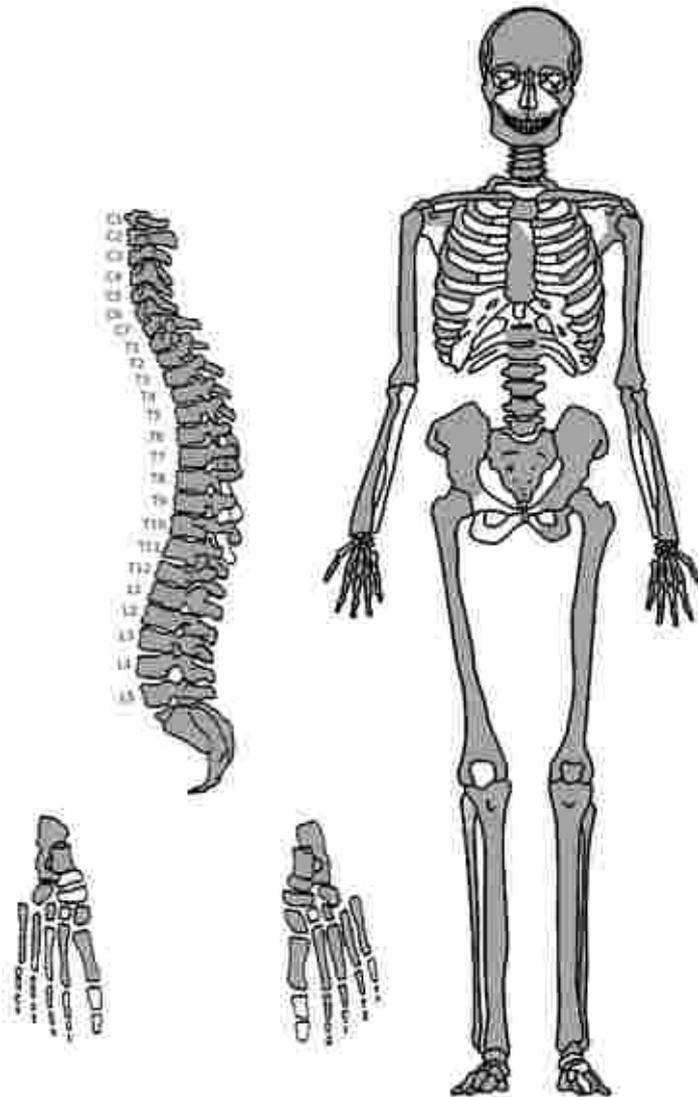
SK 418**Middle Adult****Female: 149.73 ± 3.55 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	N/R	3	3	2	N/R	2	2	2	3	N/R	N/R	N/P	N/P	N/P
Period. Dis.	N/P	N/P	N/R	0	1	0	0	0	0	0	0	1	N/R	N/P	N/P	N/P
E.Hypoplasia	N/P	N/P	N/R	N/R	N/R	0	N/R	0	0	0	0	N/R	N/R	N/P	N/P	N/P
Cyst	N/P	N/P	0	0	N/R	0	0	0	0	0	1	N/R	N/R	N/P	N/P	N/P
Abscess	N/P	N/P	1	0	N/R	0	0	0	0	0	0	N/R	N/R	N/P	N/P	N/P
Caries	N/P	N/P	N/R	0	0	0	N/R	0	0	0	0	N/R	N/R	N/P	N/P	N/P
Calculus	N/P	N/P	N/R	2	2	1	N/R	2	2	1	2	N/R	N/R	N/P	N/P	N/P
	N/P	N/P	4	1	1	1	2	1	1	1	1	4	4	N/P	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	1	1	4	4	4	4	4	4	4	1	1	1	4	4
Calculus	N/R	N/R	1	2	N/R	2	2	0	N/R	N/R						
Caries	N/R	N/R	0	0	N/R	0	0	0	N/R	N/R						
Abscess	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	N/R	0	0	N/R	0	0	0	N/R	N/R						
Period. Dis.	3	3	3	1	1	1	1	1	1	1	N/R	1	1	2	2	3
Attrition	N/R	N/R	3	3	N/R	2	2	3	N/R	N/R						

Dental Disease

Antemortem Tooth Loss

SK 418 exhibits extensive antemortem tooth loss. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Granuloma

Tooth 16: Granuloma present at apex of root

Tooth 45: Granuloma present at apex of root

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate, middle-lateral and middle-intermediate sector of the left orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures and bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	4	0	0				0	0			
C5	4	4	0	0				4	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	3	0	N/R*	N/R*	0	N/R	N/R	N/R*	N/R*	N/R
T2	0	0	0	3 + 4	4	4	0	0	0	4	0	0
T3	0	4	3 + 4	3 + 4	0	0	0	0	4	4	N/R	3
T4	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	4	4	N/R
T5	0	4	N/R	N/R	4	4	N/R	N/R	N/R	N/R	0	N/R
T6	4	4	3 + 4	0	0	0	0	4	0	0	0	N/R
T7	4	4	0	0	4	0	0	4	0	0	N/R	N/R
T8	0	4	0	4	0	4	4	0	0	0	0	3 + 4
T9	0	4	0	0	0	4	3 + 4	3	3 + 4	4	4	3 + 4
T10	4	5	0	3 + 4	4			3 + 4	3 + 4	4		
T11	0	0	3	3	4			0	3	N/R		
T12	0	4	0	0	0			0	4	4		
L1	4	5*	0	0				0	0			
L2	5	4	0	0				0	0			
L3	3 + 4	4	N/R	0				N/R	0			
L4	4	0	0	0				0	0			
L5	3	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T10 and L1

Infection

Pulmonary Infection

Periostitis in the form of sclerotic bone is also present at the visceral surface of 5 left rib fragments.

SK 418: Palaeopathological Summary and Differential Diagnoses

- Dental* Granuloma, periodontal disease, calculus, dental attrition
- Vertebral* Intervertebral osteochondrosis, Schmorl's nodes
- Metabolic* Porotic Hyperostosis, CO

Infection Pulmonary infection, reactive new bone deposits

SK 420

Middle Adult

Female

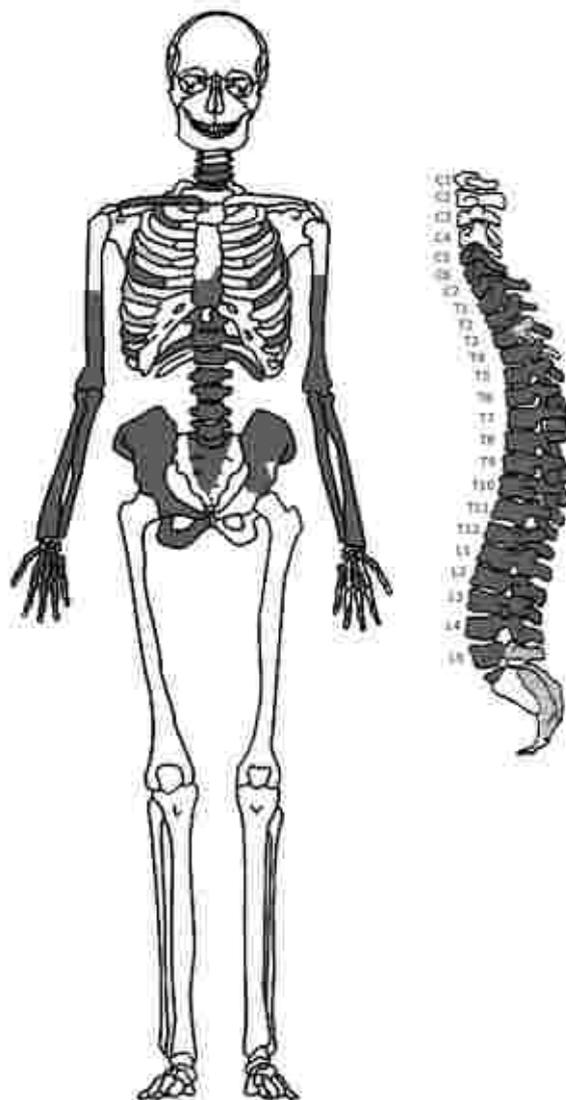
Burial Position and Details:

Plan No: 35A

Area No: 17/22

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	0	0	0	0				4	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	3	0	0	0	0	4	0	0
T2	0	0	0	0	0	0	N/R	0	0	0	0	0
T3	0	0	0	N/R	0	N0	0	N/R	N/R	0	0	N/R
T4	0	0	0	N/R	0	0	N/R	0	0	0	0	0
T5	0	0	0	0	0	0	N/R	0	0	0	0	0
T6	0	0	0	0	0	0	N/R	0	0	0	0	0
T7	0	0	0	0	0	0	0	N/R	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	4
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	4			0	0	4		
T12	0	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	3	3	0	0				3	0			
L3	3	3	3	0				3	N/R			
L4	3	0	0	0				3	N/R			
L5	0	3	3	N/R				3	N/R			

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5.

Congenital

Cleft Neural Arch Defect

A cleft neural arch defect is present at the level of the first and second sacral segments (S1 and S2).

SK 420: Palaeopathological Summary and Differential Diagnoses

Congenital Cleft neural arch defect
Trauma Spondylolysis

SK 421

Old Adult

Male: 172.32 ± 3.27 cm

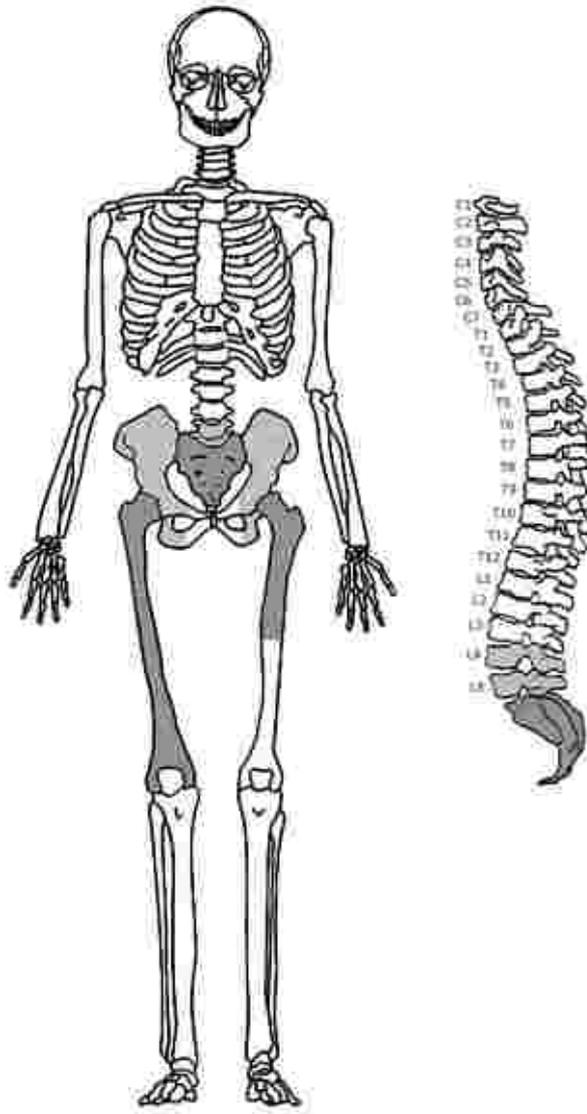
Burial Position and Details:

Plan No: Not specified

Area No: 15

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 421 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hip</i>	Subchondral cyst, surface osteophytes	Left Acetabulum Left and Right Femoral Head

SK 421: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis, DJD

SK 423

Middle Adult

Indeterminate Sex

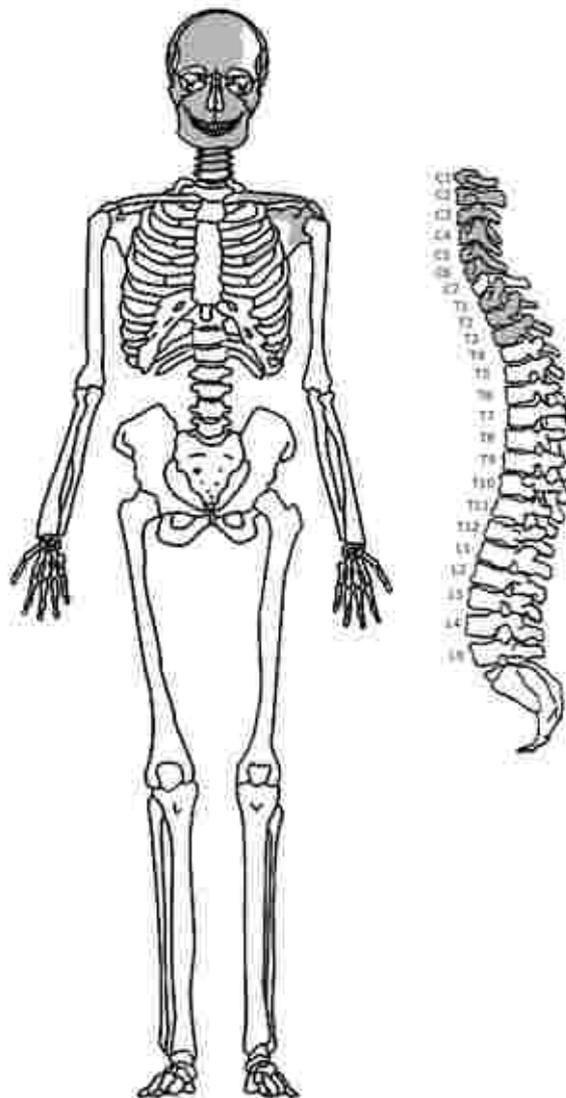
Burial Position and Details:

Plan No: 31H

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 3

Dentition

Attrition	N/P	2	3	N/P	2	2	3									
Period. Dis.	2	3	1	0	0	0	0	0	0	0	0	0	0	1	1	3
E.Hypoplasia	N/P	0	0	N/P	0	0	0									
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	0	0	N/P	0	0	2									
Calculus	N/P	2	2	N/P	2	1	3									
	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	N/R	N/R	N/R	N/R	N/R	N/R	2	1	1	1	1	1	1
Calculus	2	2	2	N/P	1	1	1	2	2	2						
Caries	0	0	0	N/P	0	0	0	0	0	0						
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	N/P	0	0	0	0	0	0						
Period. Dis.	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	2	N/P	1	1	1	2	2	2						

Dental Disease

Caries, Abscess/ Cyst

Tooth 17: Abscess present at root of Tooth 17 resulting in severe resorption of the tooth socket.

Tooth 28: Medium-sized carious lesion present on lingual aspect of tooth extended into lingual root.

Congenital Abnormalities of the Teeth/ Jaws

An overbite is observable.

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 3 (large and small isolated foramina) CO is exhibited in the antero-lateral, antero-intermediate and middle-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of C5 and C7 in the form of marginal osteophyte growth with pitting and porosity evident on the vertebral bodies.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the dens apophyseal vertebral joint of C1 in the form of eburnation, surface porosity and marginal osteophytes.

SK 423: Palaeopathological Summary and Differential Diagnoses

Dental Caries, dental abscess, periodontal disease, calculus, dental attrition
Vertebral Intervertebral Osteochondrosis, Osteoarthritis
Metabolic CO

SK 424

Young Adult

Male: 169.11 ± 2.99 cm

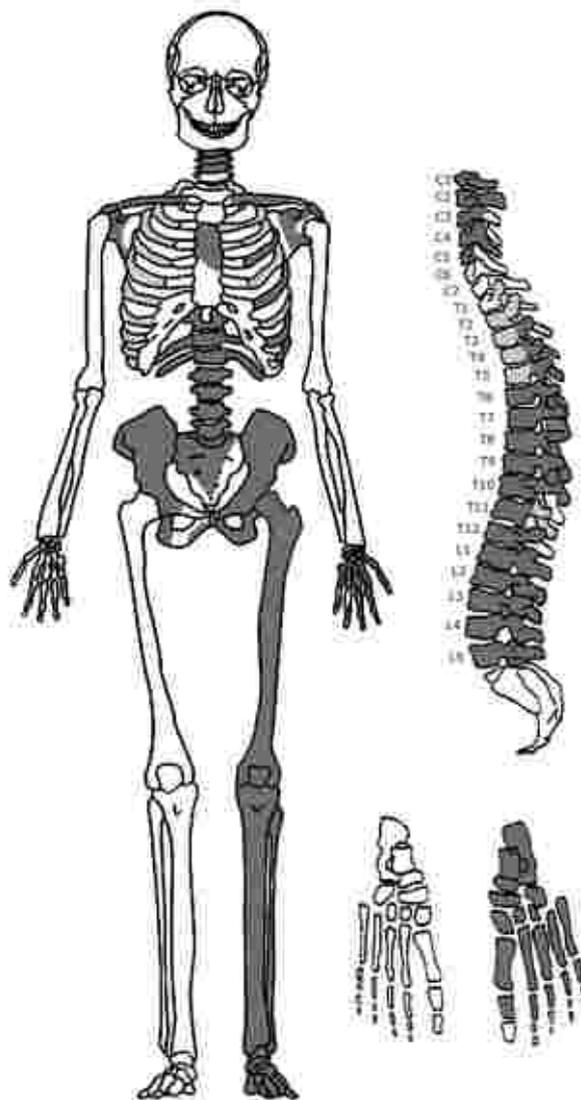
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 424: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 425

Adult

Indeterminate Sex

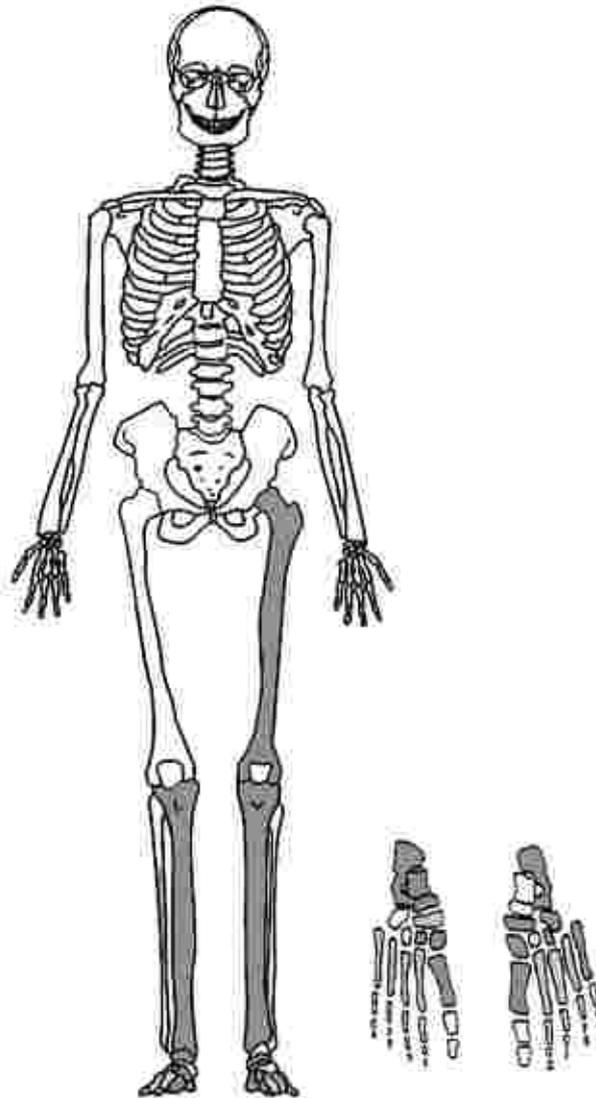
Burial Position and Details:

Plan No: Not specified

Area No: 15

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 2

SK 425: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 426**Middle Adult****Male: 170.28 ± 2.99 cm****Burial Position and Details:**

Plan No: 28C

Area No: 12

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the right side. The right arm was flexed at the elbow crossing the pelvis with the right hands positioned over the pelvic region and the left hand over the left leg. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/R	N/R	3	2	2	1	1	1	1	1	1	N/P	1	0	N/P	N/P
Period. Dis.	N/R	N/R	1	2	1	2	1	1	N/R	N/R	N/R	N/P	N/R	N/R	N/P	N/P
E.Hypoplasia	N/R	N/R	0	0	0	0	0	0	0	0	0	N/P	0	0	N/P	N/P
Cyst	N/R	N/R	0	0	0	0	0	0	N/R	N/R	N/R	N/P	N/R	N/R	N/P	N/P
Abscess	N/R	N/R	0	0	0	0	0	0	N/R	N/R	N/R	N/P	N/R	N/R	N/P	N/P
Caries	N/R	N/R	0	0	0	0	0	0	0	0	0	N/P	2	3	N/P	N/P
Calculus	N/R	N/R	0	1	1	2	1	1	2	2	2	N/P	0	2	N/P	N/P
	2	2	1	1	1	1	1	1	1	1	1	N/P	1	1	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	4	4	4	1	1	1	1	2	2	2	1	1	1	1	1
Calculus	1	N/R	N/R	N/R	1	2	2	2	N/R	N/R	N/R	1	1	N/R	1	1
Caries	0	N/R	N/R	N/R	0	0	0	0	N/R	N/R	N/R	0	2	3	0	0
Abscess	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	N/R	N/R	1	0	0	0	0	0	0	1	0	0	0	0	0
E.Hypoplasia	0	N/R	N/R	N/R	0	0	0	0	N/R	N/R	N/R	0	0	N/R	0	0
Period. Dis.	1	N/R	N/R	N/R	1	1	0	0	0	0	N/R	1	1	1	0	0
Attrition	1	N/R	N/R	N/R	1	1	1	1	N/R	N/R	N/R	1	2	N/R	2	1

Dental Disease

Antemortem Tooth Loss

SK 426 exhibits antemortem tooth loss of a mandibular premolar and 2 molars. Complete secondary resorption of the alveolar process at the affected tooth site has occurred with the exception of Tooth 45 where there is only partial resorption of the tooth socket.

Caries, Cyst

Tooth 25: Medium sized carious lesion present on the distal aspect of the tooth.

Tooth 26: Large carious lesion present on the mesial aspect of the tooth.

Tooth 33: A large cyst is present on the buccal aspect of the alveolar bone.

Tooth 35: Medium-sized carious lesion present on the distal aspect of the tooth.

Tooth 36: Dentine is completely destroyed, only the root remains probably due to caries

Tooth 45: A large cyst is present on the buccal aspect of the alveolar bone.

Congenital Abnormalities of the Teeth/ Jaws

There is a diastema present between teeth 11, 12, 13 and 14

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

A combination of Type 1 (capillary-like impressions) and type 2 (scattered fin foramina) CO is exhibited in the middle-intermediate, middle-medial and postero-medial sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	3, 4			
C3	0	3	0	3, 4				3, 4	0			
C4	0	0	3, 4	0				3	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	3	4	N/R	N/R	N/R	4	0	3,4	4	0
T2	0	0	4	3,4	4	0	0	0	0	N/R	N/R	N/R
T3	0	0	3,4	3,4	0	0	N/R	0	0	0	N/R	N/R
T4	0	4	4	3,4	0	N/R	N/R	4	3,4	4	0	N/R
T5	0	3	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T6	0	3	4	0	4	N/R	N/R	4	0	0	N/R	N/R
T7	3	0	0	0	0	0	N/R	0	0	0	0	N/R
T8	5	5	0	0	0	0	N/R	0	0	4	0	N/R
T9	5	0	0	0	N/R	N/R	N/R	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	5	0	0	4			0	0	4		
T12	0	0	0	0	0			0	0	0		
L1	0	3	0	0				0	0			
L2	3	0	0	0				0	0			
L3	5	0	0	0				0	0			
L4	N/R	N/R	0	3,4				0	3,4			
L5	3	0	3,4	3,4				3,4	3,4			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T8, T9, T11 and L3.

Trauma

Partial Fracture

A hairline fracture is present at distal articular surface of the right tibia. The fracture line is still evident however no callus bone formation is observable. This fracture has resulted possible secondary DJD at the affected joint in the form of marginal osteophyte growth.

SK 426: Palaeopathological Summary and Differential Diagnoses

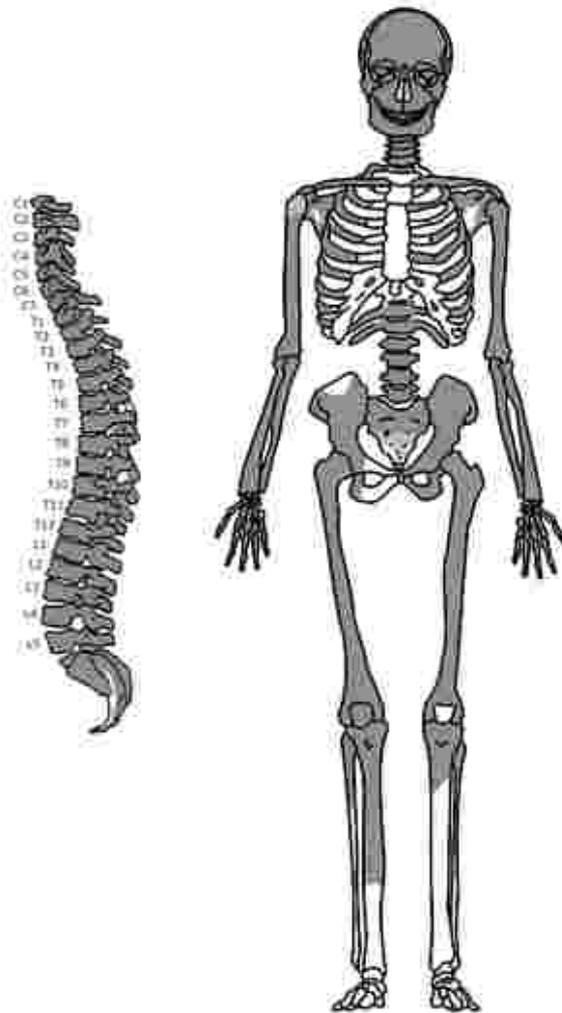
<i>Dental</i>	Antemortem tooth loss, caries, dental cyst, periodontal disease, calculus, dental attrition, diastema
<i>Vertebral</i>	Schmorl's node, DJD
<i>Joint</i>	Secondary DJD
<i>Metabolic</i>	CO
<i>Trauma</i>	Fracture

SK 428**Middle Adult****Female: 154.14 ± 3.72 cm****Burial Position and Details:**

Plan No: 31C

Area No: 10

Orientation not specified: simple, crouched burial on right side of moderate completeness and moderate preservation. The skull was positioned on the right side. The left arm was flexed at the elbow crossing the torso with the right arm extended and the hands positioned together in front of the body. Both legs were flexed at the knee bending up towards the torso.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Dentition

Attrition	1	1	1	1	1	1	1	2	2	1	1	0	1	1	1	N/R
Period. Dis.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/R
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	N/R
Calculus	1	1	1	0	0	1	0	0	0	1	1	1	1	1	1	N/R
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	2	1	1	1	0	1	2	2	3	2	2	2	2	3
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2
Attrition	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	0

Dental Disease

Antemortem Tooth Loss

SK 428 exhibits antemortem tooth loss of a maxillary third molar. Partial secondary resorption of the alveolar process at the affected tooth site has occurred.

Congenital Abnormalities of the Teeth/ Jaws

SK 428 exhibits a supernumerary tooth located in the lower left tooth row adjacent and posterior to Tooth 32 and Tooth 33 (lingual aspect of mandible).

Upper central and lateral incisors (Tooth 11, 12, 21 and 22) exhibit shovelling;

Tooth 11 and Tooth 21 exhibit faint shovelling with slight elevations of medial and distal aspects of the lingual surfaces which can be palpated.

Tooth 12 and Tooth 22 exhibit trace elevations; easily seen; qualify as Grade 2 according to Scott system (Ref: Scott; 1973)

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R.Sup. Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	0	N/R	0	0				0	0			
C3	N/R	N/R	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	4	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	N/R	N/R	3	0	N/R	N/R	N/R	3	0	N/R	N/R	N/R
T2	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T3	N/R	4	0	3 + 4	4	N/R	N/R	0	0	N/R	N/R	N/R
T4	4	4	3 + 4	3 + 4	4	4	3	0	0	4	N/R	N/R
T5	N/R	4*, 5	3 + 4	3	4	4	N/R	0	0	4	4	0
T6	0	0	0	0	4	4	N/R	0	0	4	N/R	0
T7	4	3 + 4 + 5	0	0	4	4	N/R	0	0	4	N/R	0
T8	0	5	0	0	4	4	N/R	0	0	4	N/R	N/R
T9	4	4	0	0	4	N/R	N/R	0	0	N/R	N/R	0
T10	4	4 + 5	0	0	N/R			0	0	N/R		
T11	4	4+5	3	0	3 + 4			0	0	N/R		
T12	4	0	3	0	0			N/R	3 + 4	N/R		
L1	4	4	3	3 + 4				3	0			
L2	4	4 + 5	3	0				3	0			
L3	3, 4 + 5	3 + 4	3	0				0	0			
L4	3 + 4	4	3	0				3	3			
L5	4	3 + 4	3	3				3	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T8, T10, L2 and L3. A Schmorl's node of mild expression is present at the vertebral body of T5.

Congenital

Cranial Border Shift

Lumbarisation of T12 is observable.

SK 428: Palaeopathological Summary and Differential Diagnoses

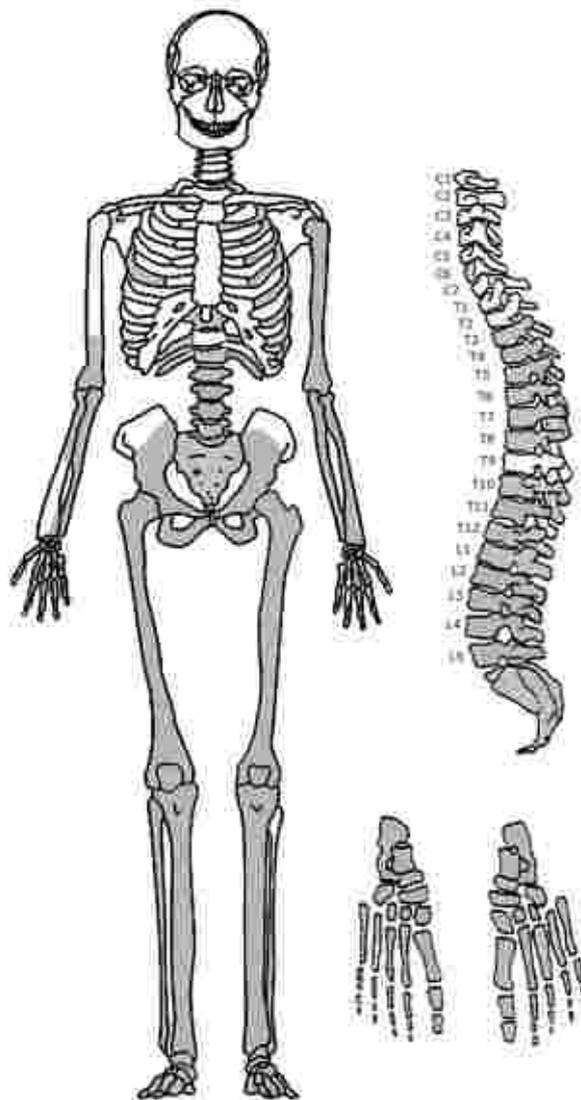
Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition, supernumerary tooth
Vertebral Schmorl's nodes, Intervertebral osteochondrosis, DJD
Congenital Supernumerary tooth, Cranial border shift

SK 429**Old Adult****Female: 153.82 ± 3.55 cm****Burial Position and Details:**

Plan No: 36

Area No: 23

W-E orientation; simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L2.

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of L3, L4 and L5 in the form of marginal osteophyte formation and anterior surface pitting.

Joint

SK429 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	3x Left Rib heads 2x Left Costal Facets 1x Right Costal Facet
<i>Elbow</i>	Surface porosity	Left and right proximal radius
<i>Wrist</i>	Surface porosity, marginal osteophytes	Left and right distal ulna Left distal radius
<i>Hand</i>	Marginal osteophytes, periarticular resorptive foci, eburnation, surface porosity	Left and Right scaphoid, lunate, trapezium, MC1, MC2 and MC3.
<i>Hip</i>	Marginal osteophytes, surface porosity	Right capitate Left and right femoral head
<i>Knee</i>	Marginal osteophytes, eburnation, surface porosity	Left and Right acetabulum Left and right Femoral Condyles, Tibial Condyles and patella
<i>Ankle</i>	Surface porosity	Left and Right Talus
<i>Foot</i>	Surface porosity	Left and right Calcaneus Left MT1, MT2, MT3, MT4 and MT5 Right MT3

SK 429: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, intervertebral osteochondrosis
Joint Osteoarthritis, DJD

SK 430**Young Adult****Male: 168.75 ± 3.27 cm****Burial Position and Details:**

Plan No: 36

Area No: 23

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis with the left arm extended and the hands positioned over the pelvic region.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T10, L1 and L4.

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of T12, L2, L3 and L4 in the form of surface osteophytes, marginal syndesmophytes and anterior surface pitting.

Congenital

Cleft Neural Arch Defect

A cleft neural arch defect is present at the level of the first sacral segment (S1).

SK 430: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis
Congenital Cleft neural arch defect

SK 431

Middle Adult

Female

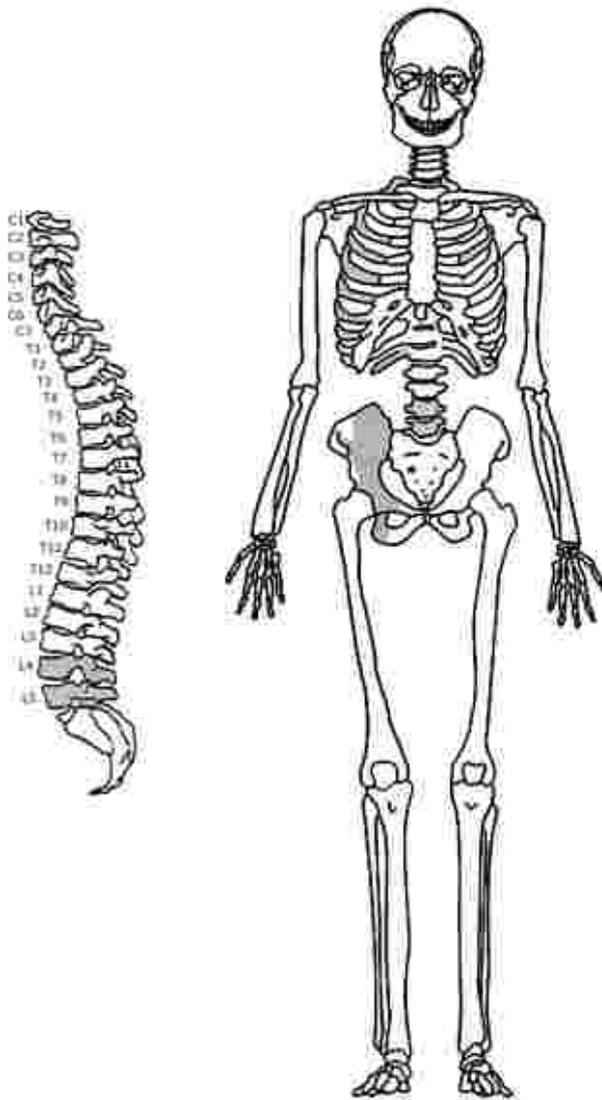
Burial Position and Details:

Plan No: 36

Area No: 23

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

SK 431: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 432

Adult

Probable Female

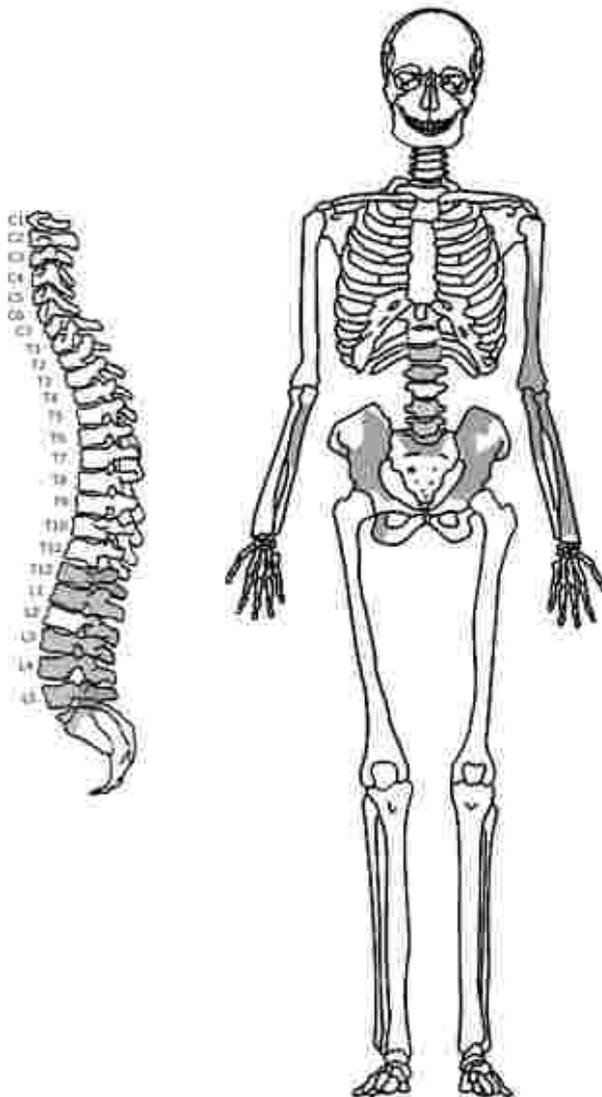
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 432: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 433A**Young Adult****Female: 152.3.11 ± 3.55 cm****Burial Position and Details:**

Plan No: 22B

Area No: 8

NW-SE orientation; simple, extended supine burial of good completeness and good preservation. Both the arms and the legs were extended with the hands on either side of the body and the feet slightly crossed. SK433A was found in association with the remains of SK 419.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	N/R	1	N/R	N/R	N/R	2	2	1
Calculus	1	1	1	1	1	1	1	1	N/R	1	1	N/R	N/R	N/P	N/P	1
Caries	0	0	0	0	0	0	0	0	N/R	0	0	N/R	N/R	N/P	N/P	0
Abscess	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0
Cyst	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/R	0	0	N/R	N/R	N/P	N/P	0
Period. Dis.	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0
Attrition	1	2	2	0	0	2	2	2	N/R	2	2	N/R	N/R	N/P	N/P	0

SK 433A: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 433B

Adult

Sex Not Recordable

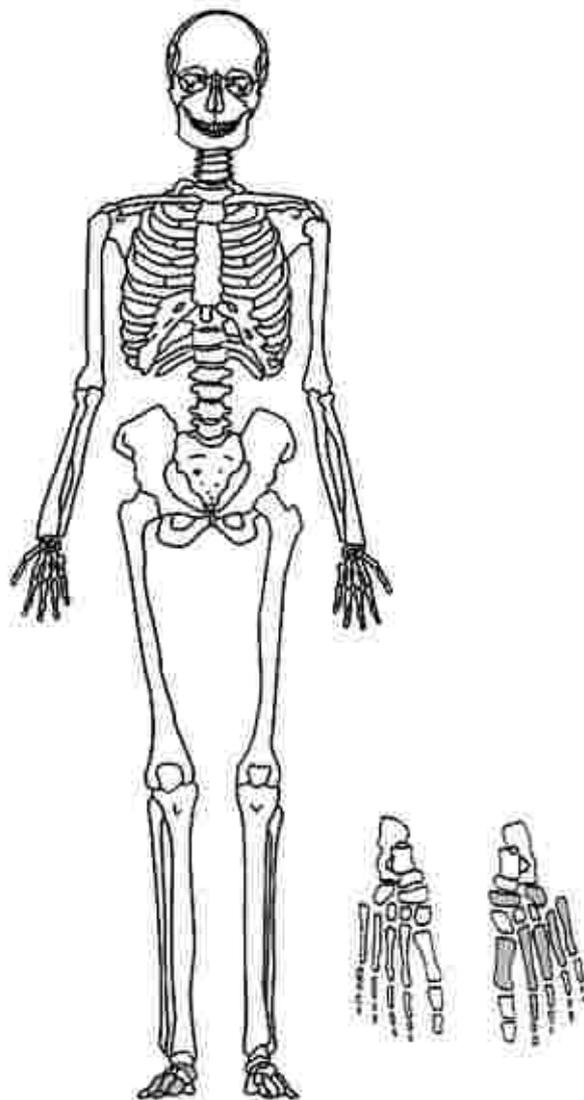
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 433B exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Foot</i>	Surface osteophytes	Right intermediate phalanx (proximal articular surface)

SK 433B: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 434

Young Adult

Female: 152.9 ± 3.72 cm

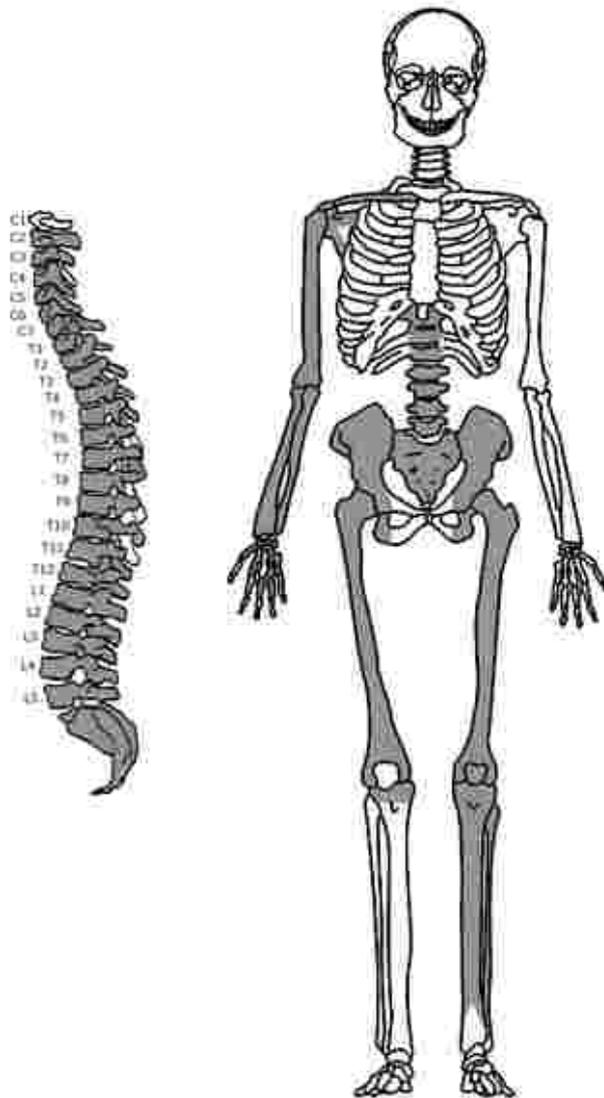
Burial Position and Details:

Plan No: 31C

Area No: 10

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both the arms and the legs were extended with the hands on either pelvis.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5

SK 434: Palaeopathological Summary and Differential Diagnoses

Trauma *Spondylolysis*

SK 435**Young Adult****Male: 162.35 ± 2.99 cm****Burial Position and Details:**

Plan No: 30

Area No: 16

SW-NE orientation; simple, extended supine burial of good completeness and good preservation. The right arm was flexed at the elbow crossing the torso with the right hand over the chest. The left arm was extended with the left hand over the pelvis. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	1	2	1	1	2	2	2	2	2	2	1	1	2	1	0
Period. Dis.	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	8
Calculus	N/P	N/P	1	1	1	1	2	2	1	1	1	1	1	1	1	N/P
Caries	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	N/P	0	0	0	0	0	1	1	0	0	0	0	0	0	N/P
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Attrition	N/P	N/P	1	1	1	2	2	2	1	2	2	1	1	2	1	N/P

Dental Disease

Enamel Hypoplasia

Tooth 31: 1 hypoplastic groove present; 3.44mm from the cemento-enamel junction

Tooth 41: 1 hypoplastic groove present; 3.25mm from the cemento-enamel junction

Congenital Abnormalities of the Teeth/ Jaws

Tooth 38 and 48 are congenitally absent.

Cranial Pathology

Metabolic

Cribrra Orbitalia (CO)

Type 3 (large and small isolated foramina) CO is exhibited in the antero-intermediate and middle-medial sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	4	0	0	0	0	0	N/R	0	0	0	0	0
T2	0	0	0	0	0	N/R	N/R	0	0	0	0	0
T3	0	0	0	0	0	N/R	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	0	0
T6	N/R	0	0	0	0	0	N/R	0	0	0	0	0
T7	5	5	0	0	0	0	0	0	0	0	0	N/R
T8	0	0	0	0	0	0	0	0	0	0	0	N/R
T9	5	4	0	0	0	0	N/R	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	3	0			0	0	0		
T12	5	5	0	0	0			0	0	0		
I 1	4	0	0	0				0	0			
I 2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T9 and T12.

SK 435: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, enamel hypoplasia, dental attrition, absent 3rd molars
Vertebral Schmorl's nodes
Metabolic CO

SK 437A**Middle Adult****Female: 157.84 ± 3.72 cm****Burial Position and Details:**

Plan No: 31A

Area No: 10

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	N/P	N/P	3	2	2	2	2	2	2	2	N/P	N/P	N/P	N/P
Period. Dis.	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	2	3	N/P	N/P
E.Hypoplasia	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P
Cyst	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	1	N/P	N/P
Abscess	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	1	0	N/P	N/P
Caries	N/P	N/P	N/P	N/P	2	2	0	0	0	0	0	0	N/P	N/P	N/P	N/P
Calculus	N/P	N/P	N/P	N/P	1	1	1	1	1	1	1	1	N/P	N/P	N/P	N/P
	N/P	N/P	N/P	N/P	1	1	1	1	1	1	1	1	2	4	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	1	1	1	2	1	1	1	1	1	1	1	4	4	1
Calculus	N/P	N/P	2	2	2	N/P	1	1	1	2	1	1	1	1	N/P	1
Caries	N/P	N/P	0	0	0	N/P	1	0	0	0	0	0	0	3	N/P	0
Abscess	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	0	0	0	N/P	0	0	0	0	0	0	0	N/R	N/P	0
Period. Dis.	3	3	0	0	0	N/R	N/R	0	0	1	1	0	0	2	2	2
Attrition	N/P	N/P	3	2	2	N/P	2	2	2	2	2	2	2	2	N/P	1

Dental Disease

Antemortem Tooth Loss

SK 437A exhibits antemortem tooth loss of a maxillary 1st molar and 4 mandibular molars.

There is no marked secondary resorption of the alveolar process at the affected tooth sites.

Caries, Abscess, Cyst

Tooth 14: Medium sized carious lesion present on distal aspect of tooth crown; this lesion has eroded approximately 1/3 of tooth crown has been eroded

Tooth 15: Medium sized carious lesion present on medial aspect of tooth crown; this lesion has eroded approximately 1/3 of tooth crown has been eroded

Tooth 25: Abscess present at tooth site

Tooth 26: Small cyst present which has penetrated the maxillary cavity

Tooth 37: Large abscess at tooth site with associated antemortem tooth loss.

Tooth 36: Large carious lesion present penetrating the pulp cavity; this lesion has eroded approximately 80% of tooth crown

Tooth 42: Small carious lesion present on medial aspect of tooth crown

Tooth 47 and 48: Large abscess at both tooth sites; associated antemortem tooth loss

Cranial Pathology

Neoplastic

Button Osteoma

A button osteoma (i.e. a small island of ivory-like lamellar bone) is present at the left frontal, superior to the left eye orbit. The lesion measures 12.28mm anterior-posterior and 10.0mm medial-lateral.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	N/R	N/R	0	0				N/R	N/R			
C2	0	0	0	0				0	0			
C3	0	3	0	0				0	4			
C4	3	0	0	0				0	0			
C5	3, 4	0	N/R	N/R				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	4	0	0	N/R	N/R	N/R	0	0	3, 4	N/R	0
T2	0	0	0	0	N/R	N/R	0	0	0	0	N/R	N/R
T3	0	3	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T4	3	0	0	0	0	N/R	N/R	N/R	N/R	0	N/R	N/R
T5	0	3	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T6	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	Four thoracic vertebral fragments present; three of which have no pathological lesions evident. The fourth fragment has ankylosis evident at the anterior superior vertebral body. Fragmentation makes it difficult to discern which thoracic vertebrae this process was affecting.											
T8												
T9												
T10												
T11												
T12	Two lumbar fragments evident. The vertebral body has pitting and osteophytes affecting the superior body and osteophytes and porosity on the inferior body. Grade 3.											
L1												
L2												
L3												
L4												
L5												

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of 1 unnumbered thoracic vertebra and one unnumbered lumbar vertebra. The thoracic vertebra exhibits ankylosis at the anterior vertebral body whilst the lumbar vertebra exhibits surface pitting and surface osteophytes indicative of osteochondrosis.

Joint

SK 437A exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Sternoclavicular</i>	Periarticular resorptive foci	Left and Right Acromion process Left Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Left and right Humeral Head and glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left Costal Facet 4x Right Costal Facets
<i>Elbow</i>	Marginal osteophytes	Left and right distal humerus
<i>Wrist</i>	Marginal osteophytes, eburnation, surface porosity	Right proximal ulna Right distal ulna, scaphoid, lunate, capitate and trapezium
<i>Hand</i>	Marginal osteophytes, eburnation	Right MC1, MC3 and MC4 and 1 unnumbered proximal phalanx

SK 437A: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental abscess/cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Joint</i>	Osteoarthritis, DJD
<i>Neoplastic</i>	Button osteoma

SK 437B

Adult

Sex Not Recordable

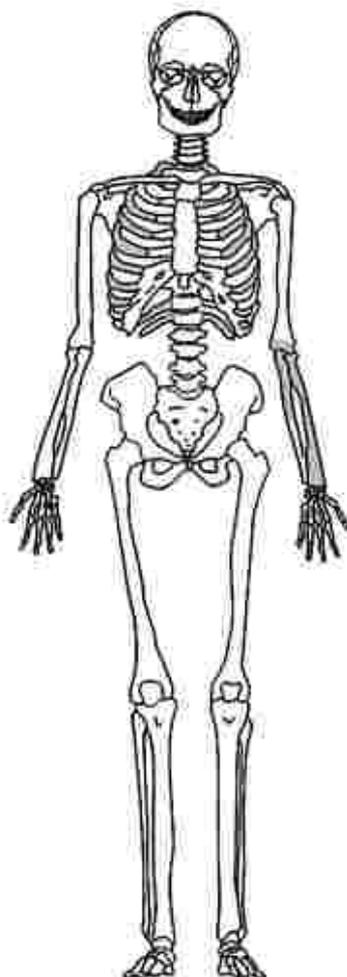
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 437B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 446

Adult

Probable Female

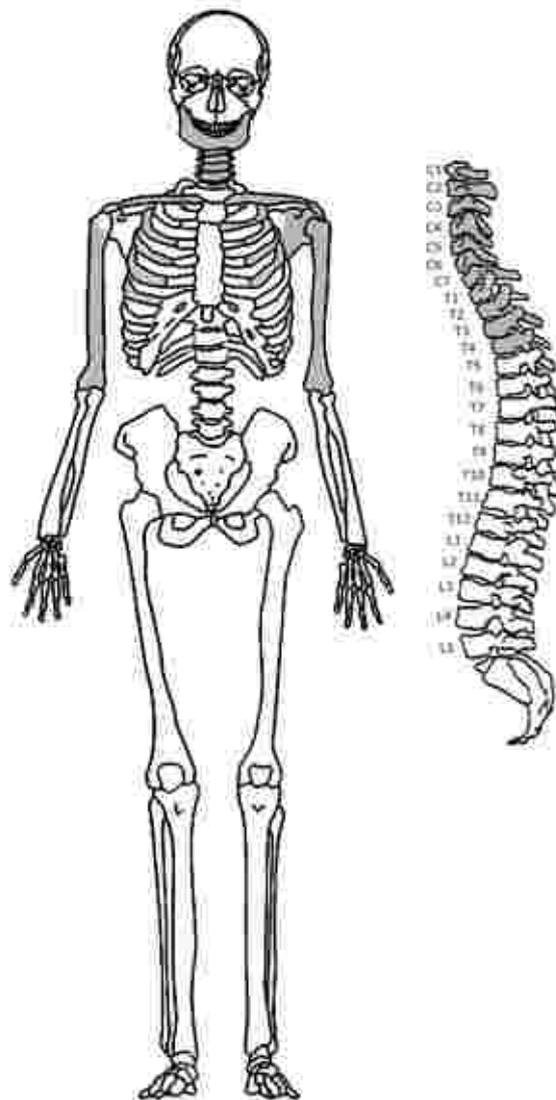
Burial Position and Details:

Plan No: 31A

Area No: Not specified

S-N orientation; simple, extended supine burial of poor completeness and moderate preservation. Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 3

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	2	2	1	1	1	1	1	1	1	1	1	2	1	2	2
Caries	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	2	2	1	1	2	2	2	2	2	1	2	1	2	2	2

Dental Disease

Caries

Tooth 48: Small carious lesion present on the occlusal surface of the tooth penetrating the pulp cavity

SK 446: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition

SK 447

Middle Adult

Female: 149.09 ± 3.55 cm

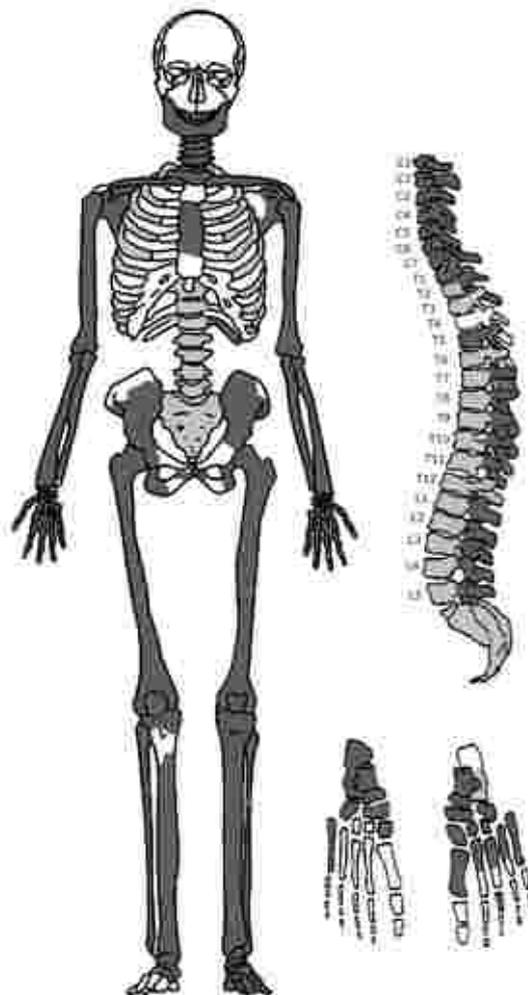
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	2	1	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	2	N/P	N/P
Period. Dis.	N/P	N/P	N/R	N/R	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P	N/P	N/R	N/P	N/P
E.Hypoplasia	N/P	N/P	0	0	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	0	N/P	N/P
Cyst	N/P	N/P	N/R	N/R	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P	N/P	N/R	N/P	N/P
Abscess	N/P	N/P	N/R	N/R	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P	N/P	N/R	N/P	N/P
Caries	N/P	N/P	1	0	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	1	N/P	N/P
Calculus	N/P	N/P	1	1	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	1	N/P	N/P
	N/P	N/P	1	1	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	1	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	4	2	1	1	N/R	N/R	N/R	N/R	1	1	1	1	1	4
Calculus	N/R	N/R	N/R	N/R	1	1	N/R	N/R	N/R	N/R	0	1	1	1	1	N/R
Caries	N/R	N/R	N/R	N/R	1	0	N/R	N/R	N/R	N/R	0	0	0	0	1	N/R
Abscess	N/R	N/R	N/R	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	N/R
Cyst	N/R	N/R	N/R	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	N/R
E.Hypoplasia	N/R	N/R	N/R	N/R	0	1	N/R	N/R	N/R	N/R	1	0	0	0	0	N/R
Period. Dis.	N/R	1	0	0	N/R											
Attrition	N/R	N/R	N/R	N/R	1	2	N/R	N/R	N/R	N/R	2	0	0	1	1	N/R

Dental Disease

Antemortem Tooth Loss

SK 447 exhibits antemortem tooth loss of 4 mandibular molars. Complete secondary resorption of the alveolar process at the affected tooth sites has occurred with the exception of Tooth 45 where no observable resorption is present.

Caries

Tooth 16: Small carious lesion present at the mesial aspect of the neck of the tooth.

Tooth 26: Small carious lesion present at the mesial aspect of the neck of the tooth.

Tooth 37: Small carious lesion present at the distal aspect of the neck of the tooth.

Tooth 44: Small carious lesion present at the distal aspect of the neck of the tooth.

Enamel Hypoplasia

Tooth 43: 1 hypoplastic groove present; 2.95mm from the cemento-enamel junction

Congenital Abnormalities of the Teeth/ Jaws

Tooth 43 exhibits bifurcation of the tooth root.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	N/R	0	0	0	0	N/R	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	N/R	N/R
T6	0	0	0	0	0	N/R	N/R	0	0	0	0	N/R
T7	0	0	0	0	0	0	N/R	0	0	0	N/R	N/R
T8	0	0	N/R	0	N/R	N/R	N/R	0	0	0	N/R	N/R
T9	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T10	0	0	0	0	0			0	0	N/R		
T11	N/R	N/R	0	0	N/R			0	0	N/R		
T12	0	0	0	0	0			N/R	N/R	N/R		
L1	N/R	N/R	0	3				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
I 4	N/R	0	0	0				0	0			
I 5	3	0	0	0				N/R	0			

*Infection**Reactive Bone Formation*

SK 447 exhibits a periosteal reactive lesion at the right tibia. Reactive bone deposit in the form of woven bone is present at the posterior distal shaft of the right tibia.

*Trauma**Compression Fracture*

A compression fracture is present at the vertebral body of T12 resulting in an anterior wedge-shape appearance resulting in barely discernible secondary kyphosis at the level of T12.

Joint

SK447 exhibits pathological lesions indicative of osteoarthritis and/ or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left mandibular condyle
<i>Acromioclavicular</i>	Surface porosity	Left acromion process
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Left Humeral Head and glenoid fossa
<i>Ribs</i>	Surface porosity	Right Humeral Head 2x Left Costal Facets 1x Right Costal Facet
<i>Elbow</i>	Surface porosity	Right proximal radius
<i>Hip</i>	Surface porosity	Left and Right femoral head

SK 447: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Enamel hypoplasia, antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, bifurcation of tooth root
<i>Joint</i>	DJD
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Trauma</i>	Compression fracture
<i>Congenital</i>	Bifurcation of tooth root

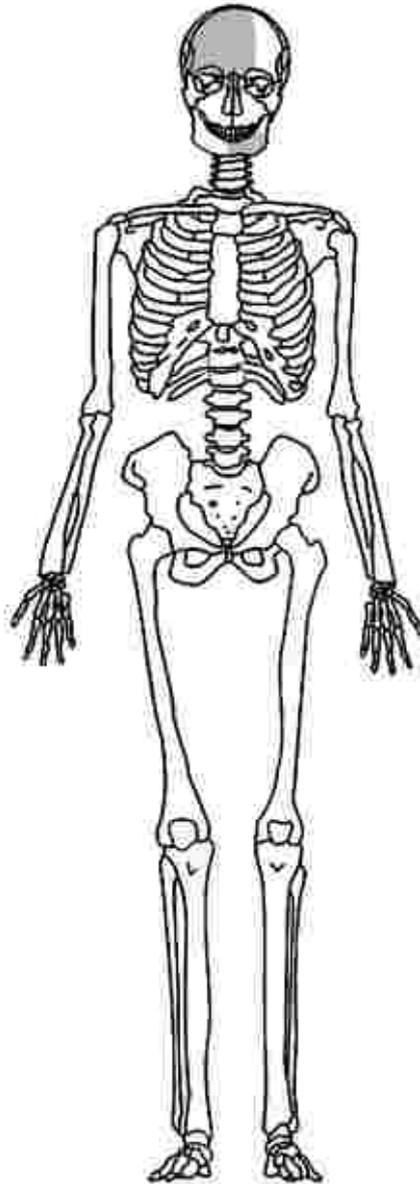
SK 448**Adult****Probable Male****Burial Position and Details:**

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	N/P	2	1	2	N/P										
Period. Dis.	N/P	N/P	0	0	0	0	N/R	N/P								
E.Hypoplasia	N/P	N/P	0	0	0	N/P										
Cyst	N/P	N/P	0	0	0	0	N/R	N/P								
Abscess	N/P	N/P	0	0	0	0	N/R	N/P								
Caries	N/P	N/P	0	0	0	N/P										
Calculus	N/P	N/P	1	0	0	N/P										
	N/P	N/P	1	1	1	2	2	N/P								
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/P	N/P	N/P	N/P	N/P	2	2	1	1	1	1	1	1	1	2
Calculus	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/R	1	1	0	1	1	2	1	N/P
Caries	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/R	0	0	0	0	0	0	0	N/P
Abscess	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	N/R
Cyst	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	N/R
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/R	0	0	0	0	0	0	0	N/P
Period. Dis.	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	N/R
Attrition	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/R	2	2	1	1	1	2	2	N/P

SK 448: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 451

Adult

Probable Female

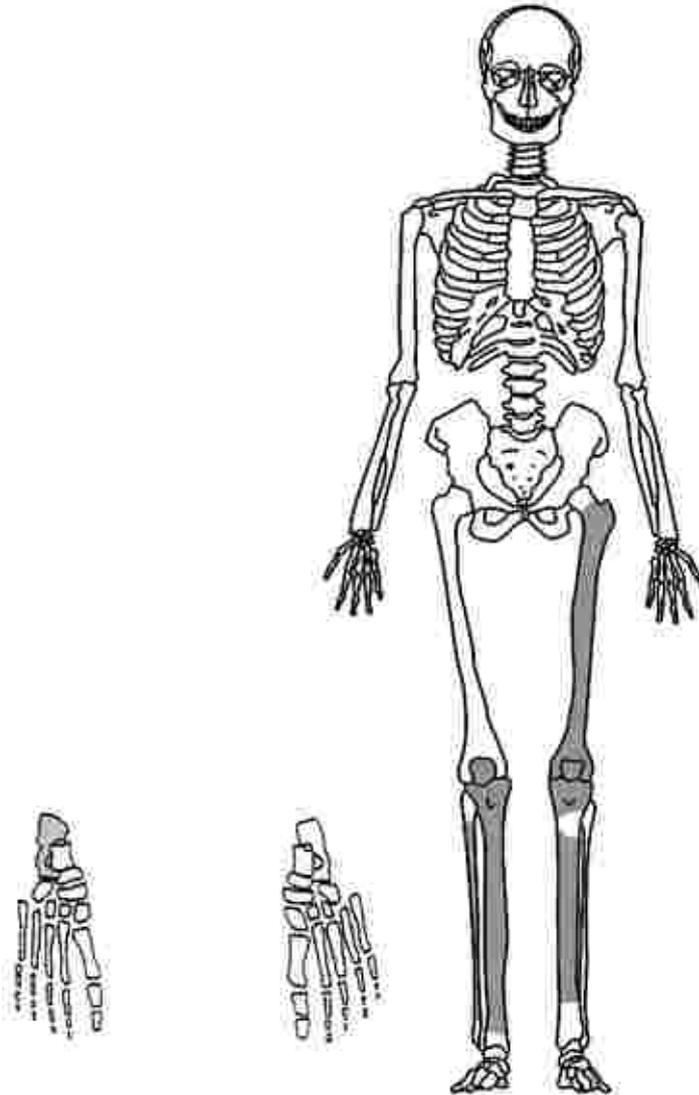
Burial Position and Details:

Plan No: 28

Area No: 12

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 451: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 452

Young Adult

Male: 157.67 ± 2.99 cm

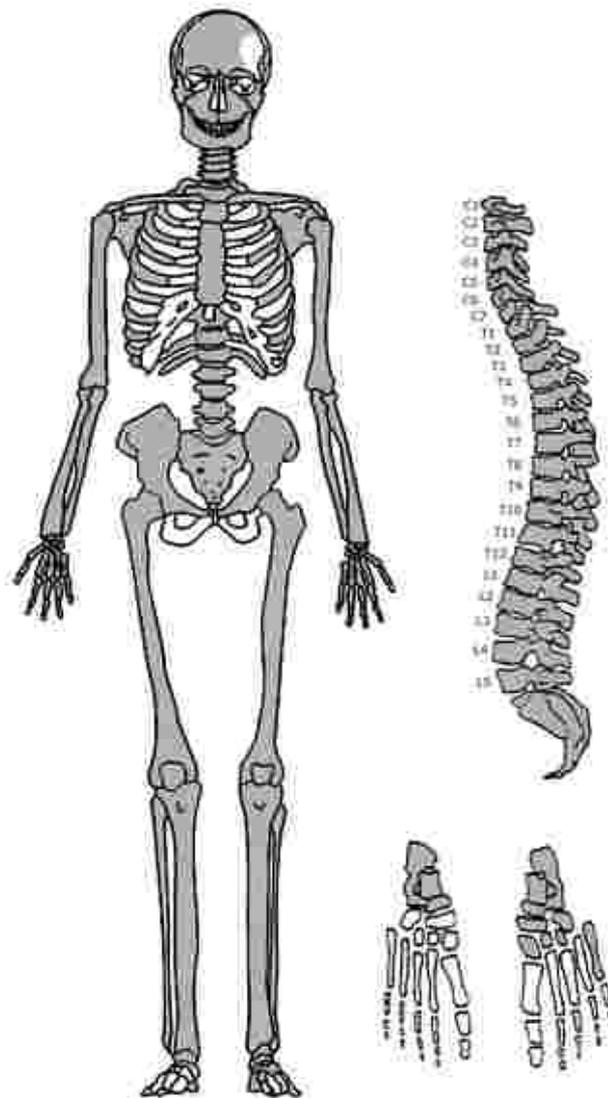
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/R	N/R	N/R	1	1	1	N/R	N/R	N/R	N/R	N/R	1	1	N/R	3	N/R
Period. Dis.	N/R	N/R	N/R	0	0	0	N/R	0	N/R							
E.Hypoplasia	N/R	N/R	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	N/R	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/R	N/R	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	N/R	2	N/R
Calculus	N/R	N/R	N/R	1	1	1	N/R	N/R	N/R	N/R	N/R	1	1	N/R	1	N/R
	2	2	2	1	1	1	2	2	2	2	2	1	1	4	1	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	2	3	1	1	2	1	2	2	2	1	1	1	2	2	1

Dental Disease

Antemortem Tooth Loss

SK 452 exhibits antemortem tooth loss of 2 maxillary molars. Complete secondary resorption of the alveolar process has occurred at the site of Tooth 28, with only partial resorption of the tooth socket of Tooth 26.

Caries, Absces/ Cysts

Tooth 16: Two abscesses or cysts are present at the apex of the mesial root on the buccal aspect and at the apex of the root on the lingual aspect respectively.

Tooth 17: Two abscesses or cysts are present at the apex of the roots on the buccal aspect and at the apex of the root on the lingual aspect respectively.

Tooth 27: Medium-sized carious lesion present on the distal aspect of the neck of the tooth.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 3 (large and small isolated foramina) CO is exhibited in the antero-intermediate sector of the left orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	3 4
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	N/R	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	4	0	0	0
T5	0	0	0	4	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	3, 4	0	0	0	0	3, 4
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	3, 4	0	0	0	0	3
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	3	0		
L1	0	0	0	4				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	3	0	0	0				0	0			
L5	0	0	0	N/R				0	0			

Trauma

Spondylolysis

Unilateral spondylolysis is exhibited at the right pars interarticularis of L5.

SK 452: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental abscess/ cyst, calculus, dental attrition
Metabolic CO
Trauma Spondylolysis

SK 453

Adult

Probable Male: 173.14 ± 2.99 cm

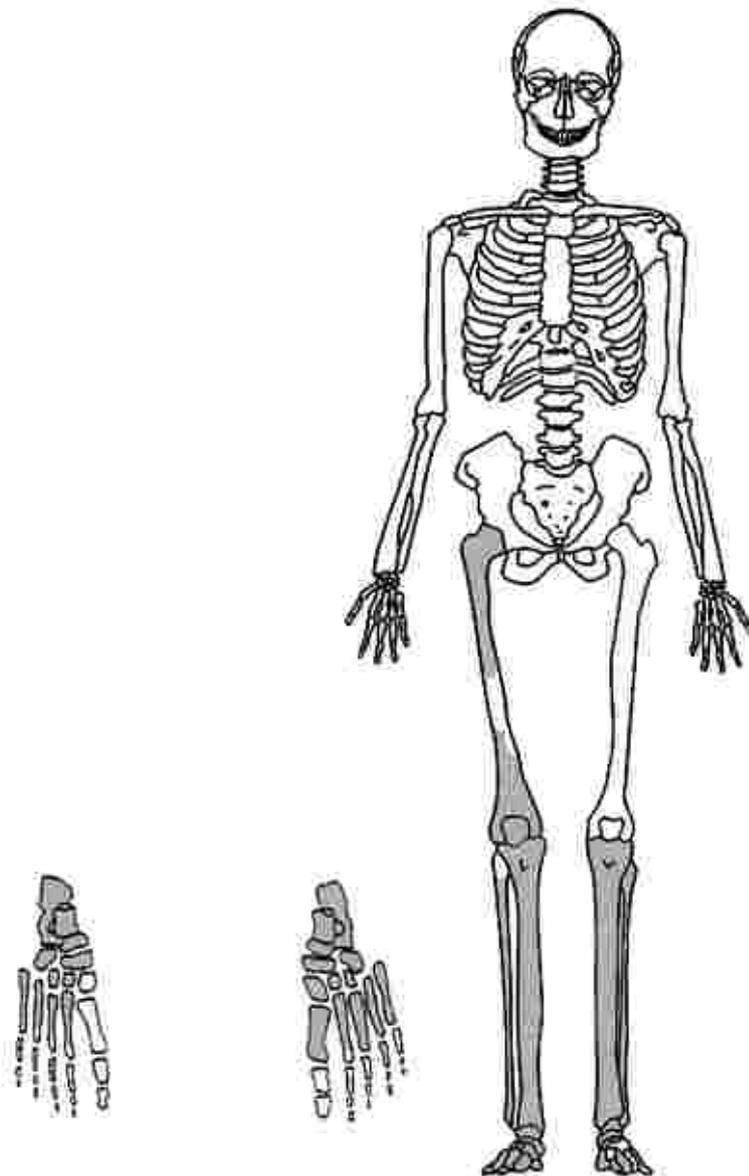
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 453: Palaeopathological Summary and Differential Diagnoses

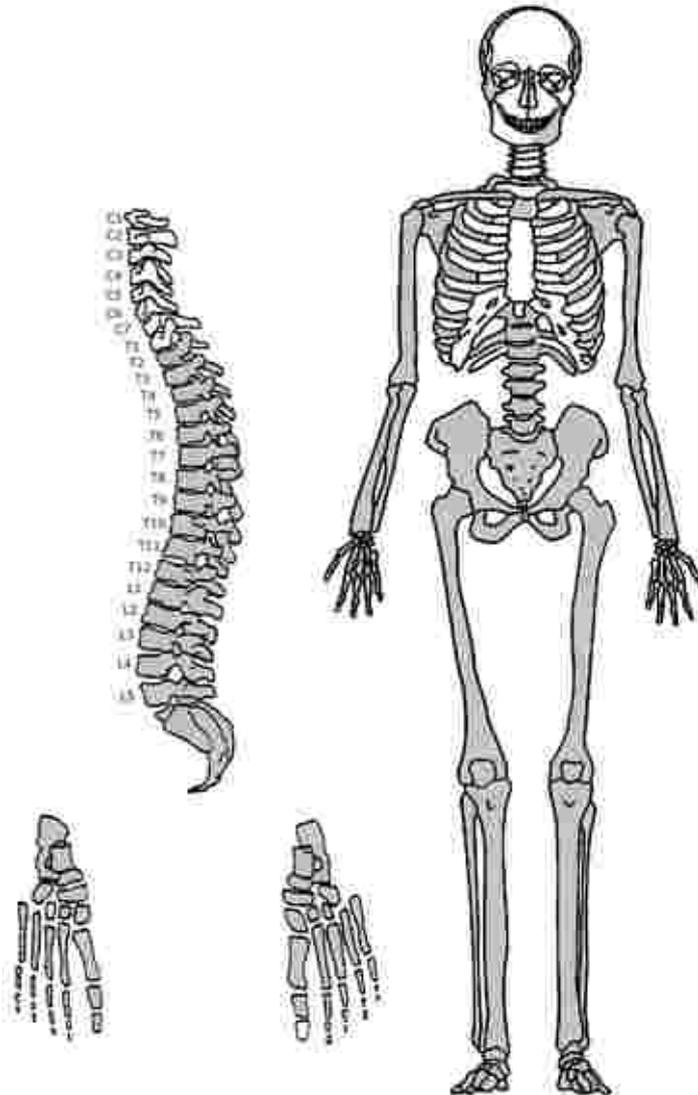
No pathological lesions were observed on the skeletal elements present for analysis.

SK 454**Young Adult****Female: 150.89 ± 3.55 cm****Burial Position and Details:**

Plan No: 25

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	N/P	N/P	N/P	N/P	N/P									
Period. Dis.	N/P	N/R	N/P	N/P	N/P	N/P	N/P									
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	N/P									
Cyst	N/P	N/R	N/P	N/P	N/P	N/P	N/P									
Abscess	N/P	N/R	N/P	N/P	N/P	N/P	N/P									
Caries	N/P	0	N/P	N/P	N/P	N/P	N/P									
Calculus	N/P	1	N/P	N/P	N/P	N/P	N/P									
	N/P	1	N/P	N/P	N/P	N/P	N/P									
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	N/P								
Calculus	1	1	1	1	1	N/P										
Caries	0	0	0	0	0	N/P										
Abscess	0	0	0	0	0	N/R	N/R	N/P								
Cyst	0	0	0	0	0	N/R	N/R	N/P								
E.Hypoplasia	0	0	0	0	0	N/P										
Period. Dis.	0	0	0	0	0	N/R	N/R	N/P								
Attrition	0	1	2	0	0	N/P										

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 454 exhibits a periosteal reactive lesion at the right zygomatic bone. A reactive bone deposit in the form of woven bone is present at the inferior margin of the zygomatic.

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L6.

Congenital

Cleft Neural Arch Defect

Cleft neural arch defect present at the level of the fourth sacral segment (S4).

Supernumerary Vertebra

SK 454 presents with L6.

SK 454: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Congenital</i>	Supernumerary vertebra, Cleft neural arch defect
<i>Trauma</i>	Spondylolysis

SK 459

Young Adult

Male

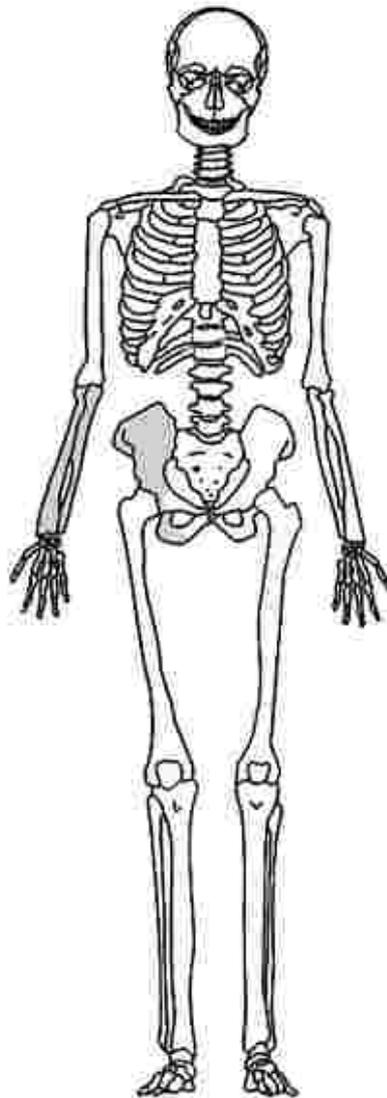
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

SK 459: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 460A

Middle Adult

Male

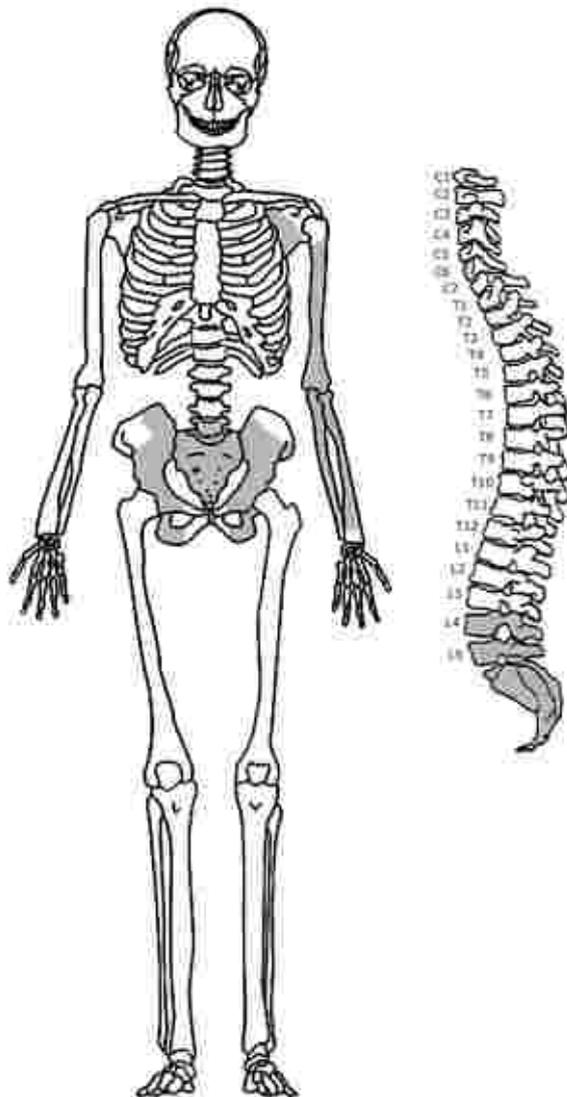
Burial Position and Details:

Plan No: 35B/A

Area No: 17/22

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Schmorl's Nodes

A Schmorl's node of marked expression is present at the vertebral body of L4.

SK 460A: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node

SK 460B

Young Adult

Sex Not Recordable

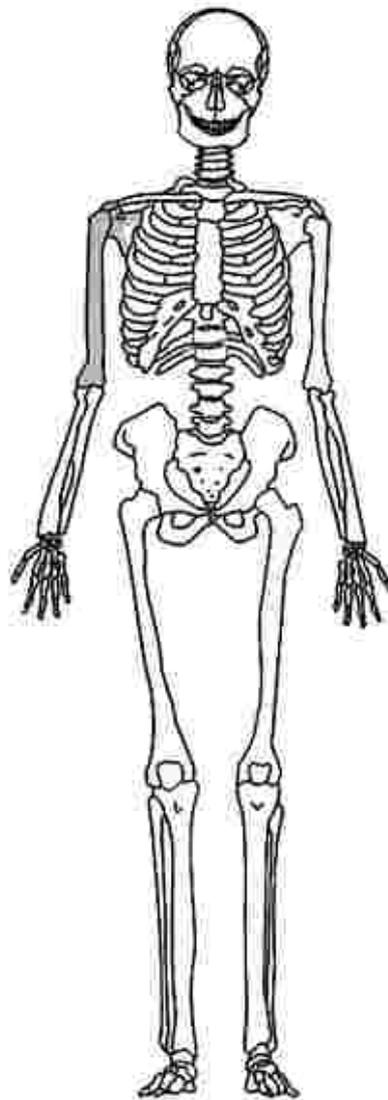
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK460B: Palaeopathological Summary and Differential Diagnoses

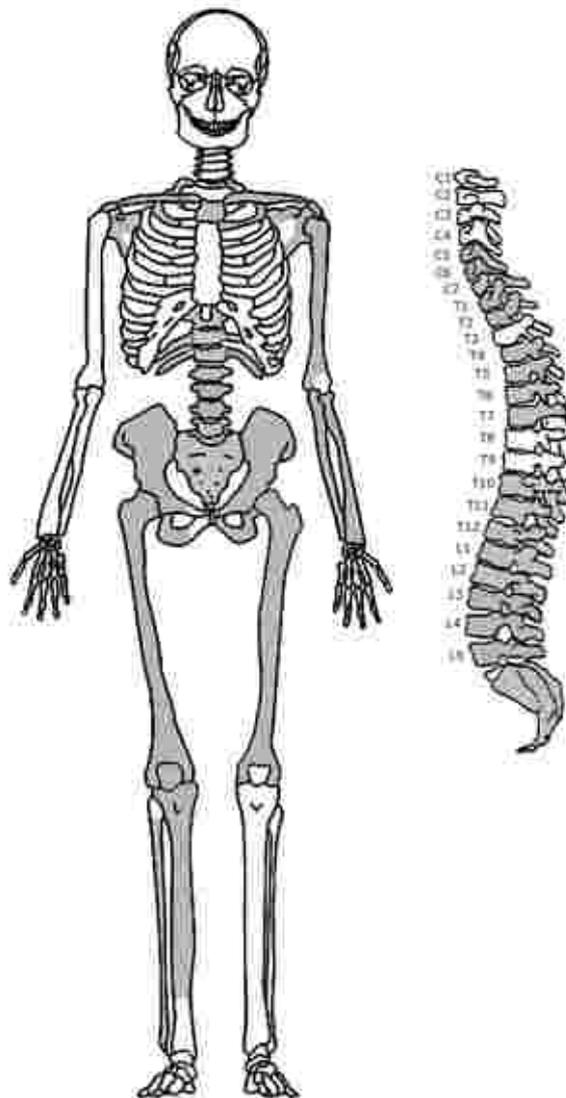
No pathological lesions were observed on the skeletal elements present for analysis.

SK 461**Young Adult****Male 165.42 ± 3.27 cm****Burial Position and Details:**

Plan No: 22E

Area No: 8/12

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the right hand positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C6	0	0	0	0				N/R	N/R			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	N/R	0	0	0	4	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	N/R	0	0	N/R	N/R	0
T4	0	0	0	0	0	N/R	N/R	0	0	0	N/R	0
T5	0	0	4	0	0	0	N/R	0	0	0	0	0
T6	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R
T8	3	3	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T9	0	0	0	0	0	0	0	N/R	N/R	0	0	0
T10	0	3	N/R	N/R	N/R			N/R	N/R	0		
T12	N/R	N/R	0	0	4			N/R	N/R	N/R		
I 1	5	0	0	0				0	N/R			
L2	N/R	N/R	0	0				N/R	N/R			
L3	5	0	0	0				N/R	0			
L4	0	0	0	4				0	N/R			
L5	0	0	0	N/R				1	N/R			

*Congenital**Supernumerary Vertebra*

S6 is present.

SK 461: Palaeopathological Summary and Differential Diagnoses*Congenital* Supernumerary vertebra

SK 462

Young Adult Female

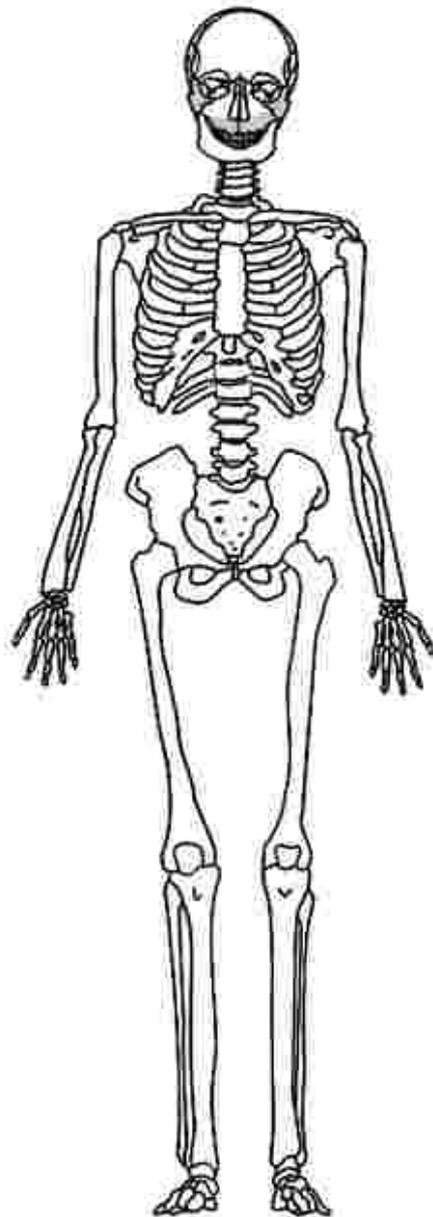
Burial Position and Details:

Plan No: 28A

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	0	1	1	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	1	0	N/R
Period. Dis.	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/R
E.Hypoplasia	0	0	0	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	0	N/R
Cyst	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/R
Abscess	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/R
Caries	0	0	0	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	0	N/R
Calculus	1	1	1	1	1	N/R	N/R	N/R	1	N/R	N/R	N/R	1	1	0	N/R
	1	1	1	1	1	2	2	2	1	2	2	2	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Cranial Pathology

Trauma

Blunt-force trauma

A healed depression fracture is present on the right parietal bone. The lesion is oval in shape measuring 14.22mm anterior-posterior and 10.06mm medial-lateral. Only the outer table of the bone has been affected by this trauma. Healing is observable in the form of sclerotic callus bone at the fracture site.

SK 462: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Trauma Blunt force trauma

SK 463

Young Adult

Probable Male

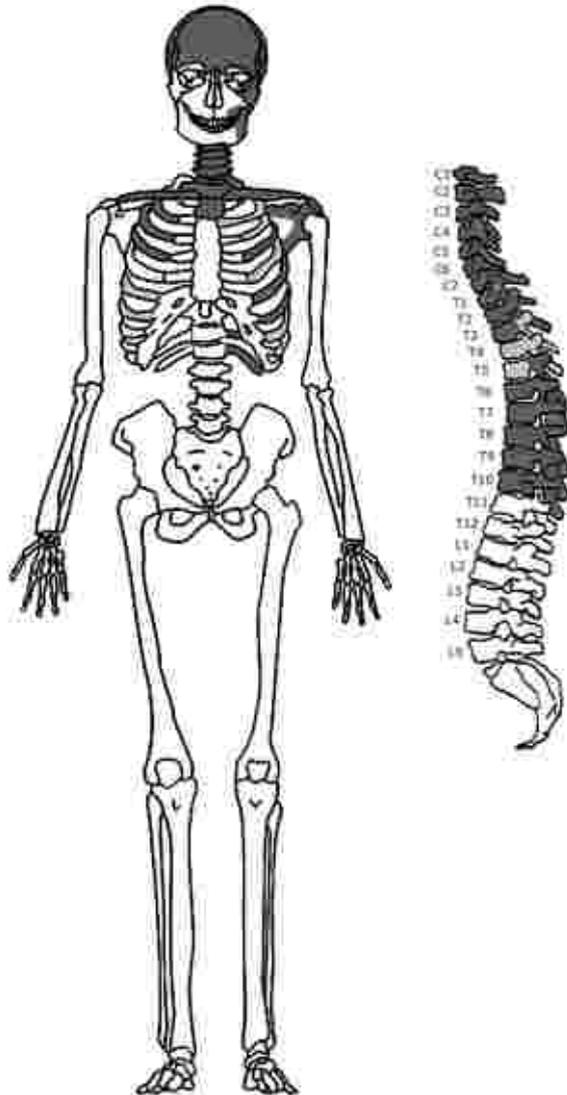
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/R	2	1	0												
Period. Dis.	N/P	N/R	0	0	0												
E.Hypoplasia	N/P	N/R	0	0	0												
Cyst	N/P	N/R	0	0	0												
Abscess	N/P	N/R	0	0	0												
Caries	N/P	N/R	0	0	0												
Calculus	N/P	N/R	1	1	1												
	N/P	2	1	1	1												
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	2	1														
Calculus	N/P	N/R	0														
Caries	N/P	N/R	0														
Abscess	N/P	N/R	0														
Cyst	N/P	N/R	0														
E.Hypoplasia	N/P	N/R	0														
Period. Dis.	N/P	N/R	0														
Attrition	N/P	N/R	0														

SK 463: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 464

Adult

Sex Not Recordable

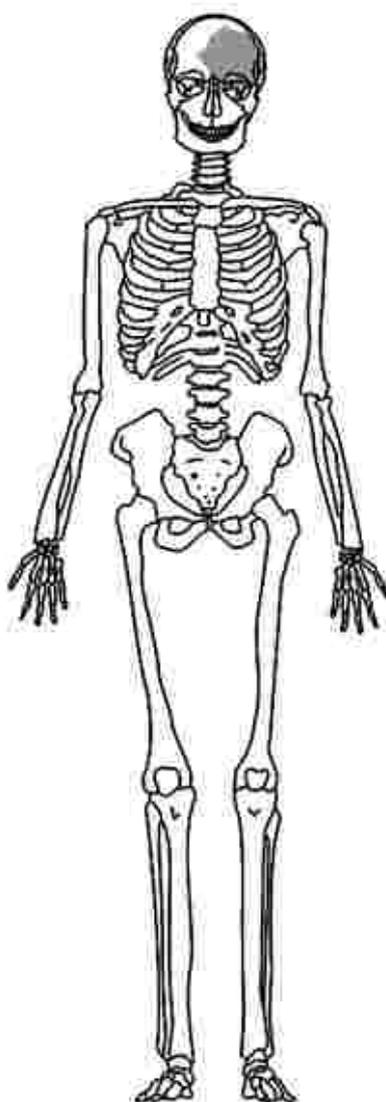
Burial Position and Details:

Plan No: 28A

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 1 (barely discernible porosity) PH is exhibited on the frontal, adjacent to the sutures of the parietals and within the squamous portion of the occipital. The activity pattern indicates this lesions were healed at the time of death.

SK 464: Palaeopathological Summary and Differential Diagnoses

Metabolic Non-specific Stress Indicator at cranial vault: Possible Porotic Hyperostosis

SK 465

Adult

Probable Male

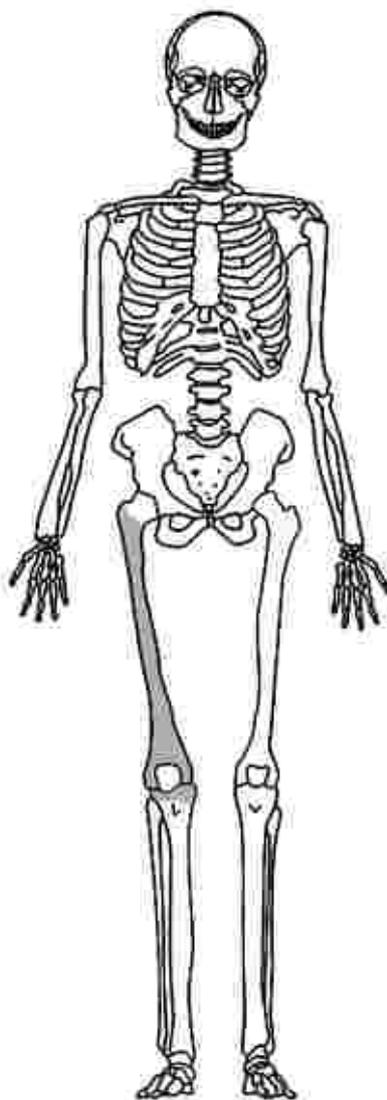
Burial Position and Details:

Plan No: 24D

Area No: 7

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 465: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 466

Adult

Sex Not Recordable

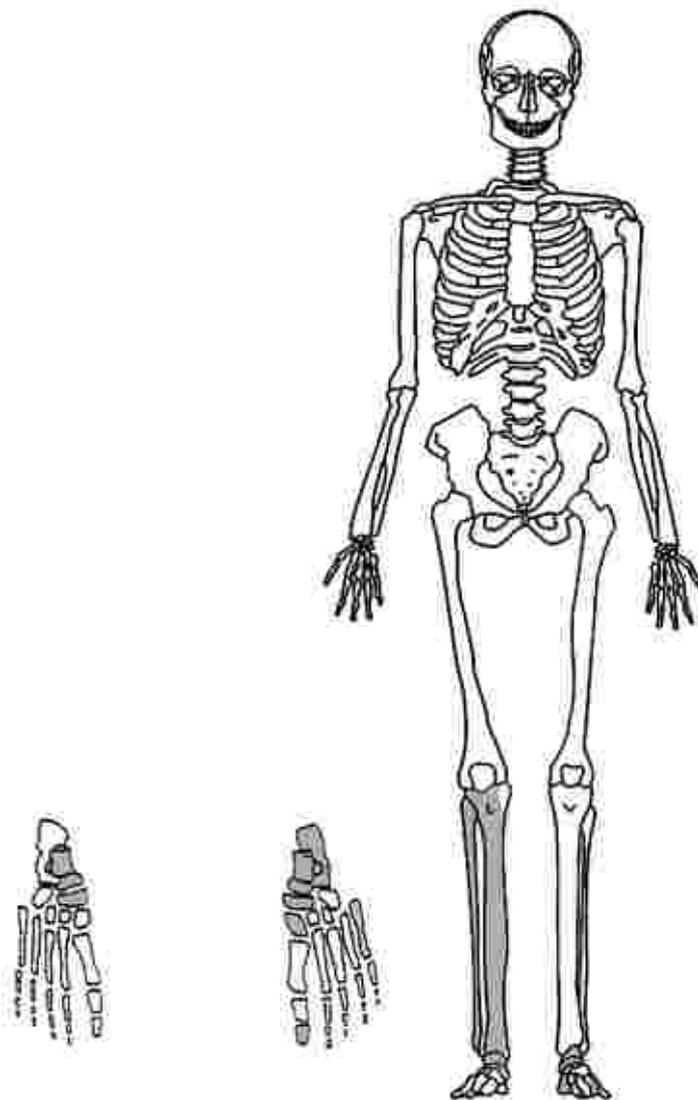
Burial Position and Details:

Plan No: 24D

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Taphonomy: Animal gnawing marks were noted on the right tibia

Post Cranial Pathology

Joint

Enthesophytes

Vertical enthesophyte formation is present at the proximal right fibula.

SK 466: Palaeopathological Summary and Differential Diagnoses

Joint Enthesophyte Formation

SK 467

Adult

Sex Not Recordable

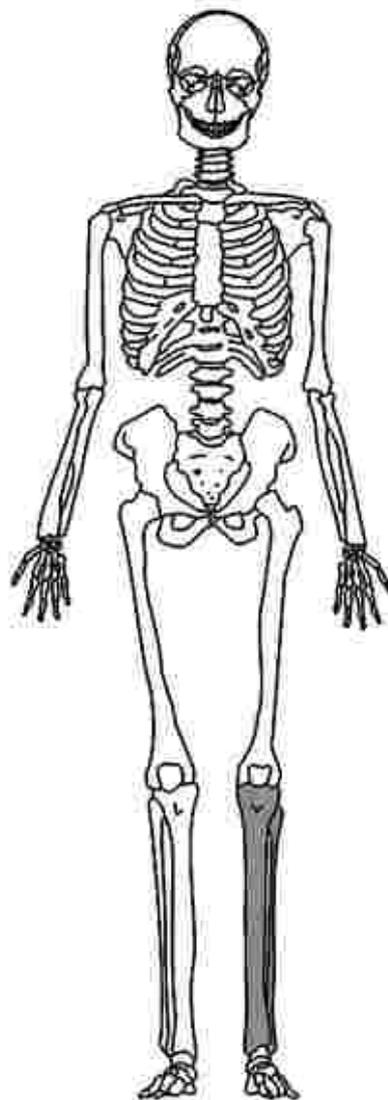
Burial Position and Details:

Plan No: 24D

Area No: 7

Burial position not specified. SK467 was found in association with the adult remains of SK466 and SK465.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Taphonomy: Cutmarks were noted on the anterior crest of the left tibia forming a geometric pattern; likely to be post-mortem modification.

Post Cranial Pathology

Joint

Enthesophyte Formation

Vertical enthesophyte formation is present at the fibular notch of the right tibia.

SK 467: Palaeopathological Summary and Differential Diagnoses

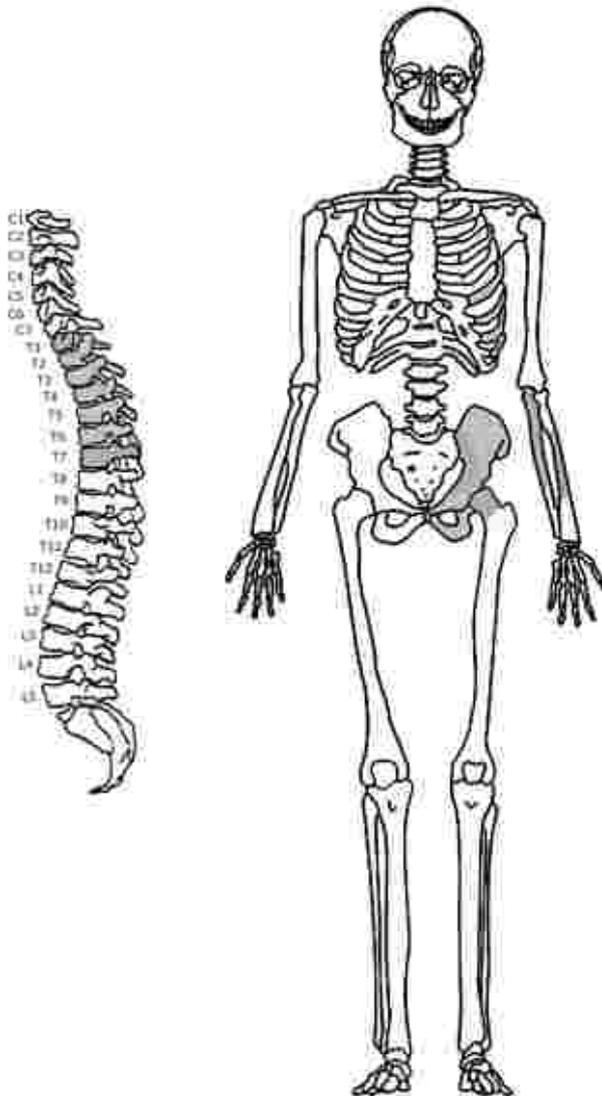
Joint Enthesophyte Formation

SK 468**Young Adult Female****Burial Position and Details:**

Plan No: 24D

Area No: 7

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The left arm flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region.

Visual Inventory

Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 468: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 469

Middle Adult

Male: 154.42 ± 2.99 cm

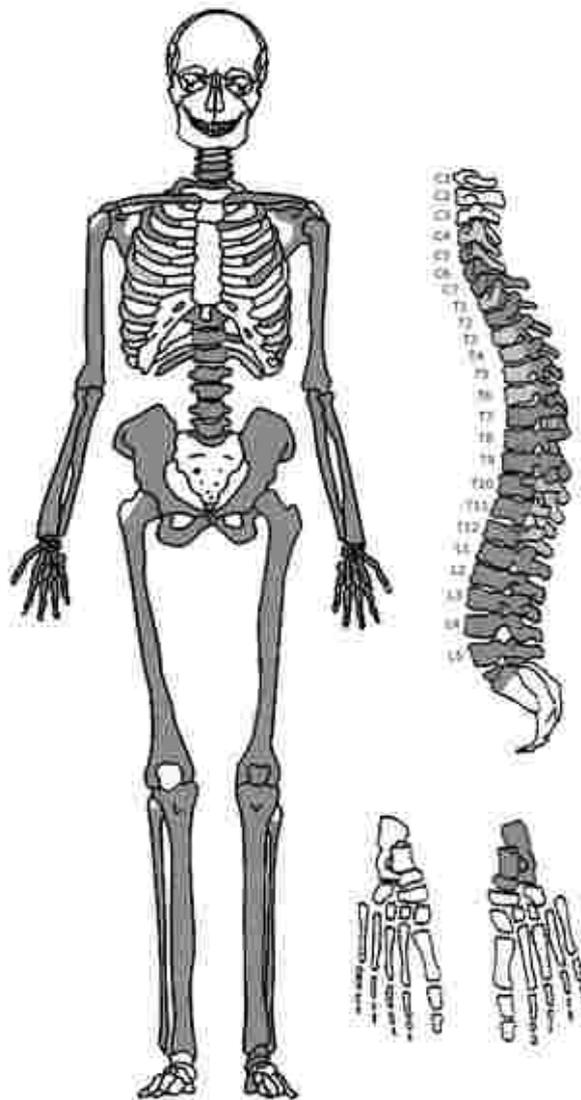
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Orientation not specified: simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	N/R	0	N/R	N/R				0	0			
C5	3,4	0	0	0				N/R	N/R			
C6	0	3,4	0	0				0	0			
C7	0	0	0	0				0	0			
T1	N/R	N/R	3	0	0	N/R	N/R	0	0	0	0	0
T2	0	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T3	0	0	4	0	0	0	3	0	0	N/R	N/R	0
T4	0	0	4	0	0	0	N/R	0	0	0	0	N/R
T5	0	0	0	0	0	0	N/R	4	0	0	0	0
T6	5	0	4	0	0	0	0	0	0	0	0	N/R
T7	3	3,4	0	0	0	0	N/R	0	0	0	0	0
T8	3	3,4	0	0	0	0	N/R	0	0	0	0	4
T9	3,4	3,4	0	0	0	4	N/R	0	0	0	N/R	0
T10	3	3,4	0	N/R	4			0	N/R	4		
T11	3,4,5	3,5	0	N/R	4			0	N/R	3,4		
T12	3,4,5	5	N/R	N/R	4			0	N/R	3		
L1	3,5	5	N/R	0				0	0			
L2	3,4,5	5	0	0				0	0			
L3	3,4	5	0	0				0	0			
L4	3,4	5	0	0				0	0			
L5	3,4	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T11, T12, L1, L2, L3 and L4. A Schmorl's node of marked expression is also present at the vertebral body of T12.

*Trauma**Colles' Fracture*

A Colles fracture is present at the distal left radius. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in secondary shortening of the bone shaft by 16mm and traumatic DJD at the distal radiocarpal and radioulnar joints in the form of marginal osteophytes and surface porosity respectively.

*Miscellaneous Pathology/ Neoplastic**Exostosis/ Possible Solitary Enostosis*

SK 469 exhibits a small bony growth on the anterior aspect of the distal shaft of the right fibula. The aetiology of this lesion is unclear however it may be indicative of the benign neoplastic lesion; solitary enostosis.

SK 469: Palaeopathological Summary and Differential Diagnoses

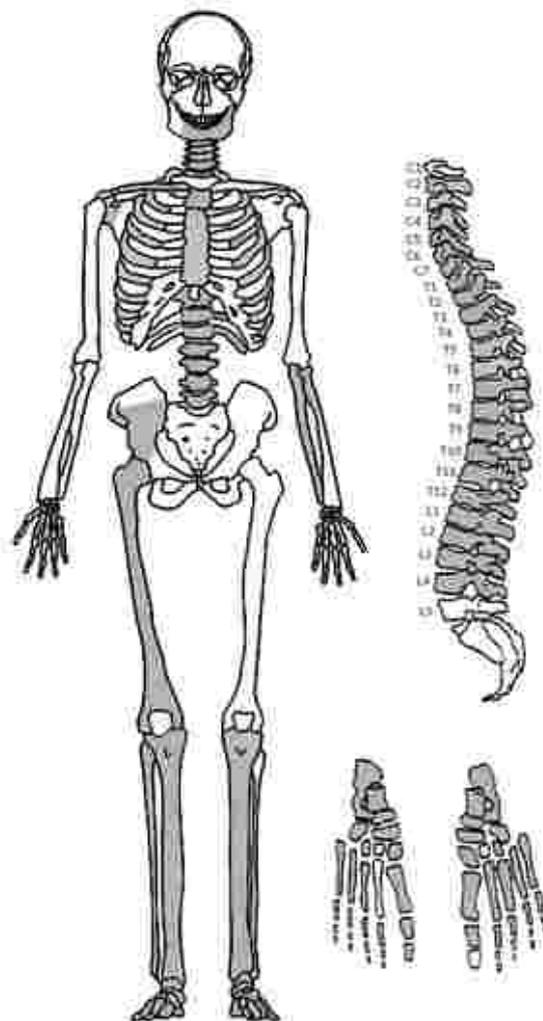
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	Secondary DJD
<i>Trauma</i>	Colles' fracture with secondary DJD
<i>Neoplastic</i>	Possible solitary enostosis

SK 470**Middle Adult****Probable Female: 155.35 ± 3.55 cm****Burial Position and Details:**

Plan No: 31F

Area No: 10

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the right hand positioned over the right pelvis. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P								
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P								
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P								
Calculus	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P								
	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P								
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/P	N/P	1	1	2	2	1	2	1	1	1	1	1	1	1
Calculus	N/P	N/P	N/P	1	1	N/P	N/P	1	N/P	1	1	1	1	1	1	1
Caries	N/P	N/P	N/P	0	0	N/P	N/P	0	N/P	0	0	0	0	0	0	0
Abscess	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	0	0	N/P	N/P	0	N/P	0	0	0	0	0	0	0
Period. Dis.	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/P	N/P	N/P	0	0	N/P	N/P	1	N/P	1	1	1	1	2	1	0

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	N/R				0	0			
C3	0	0	0	0				N/R	N/R			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	0	N/R	0	0	4	N/R	0
T2	0	0	N/R	0	N/R	N/R	N/R	0	0	N/R	N/R	0
T3	N/R	0	0	0	N/R	N/R	0	0	0	N/R	N/R	0
T4	0	0	0	4	0	N/R	0	0	0	N/R	N/R	N/R
T5	N/R	4	0	0	N/R	4	0	0	0	N/R	0	N/R
T6	N/R	N/R	0	0	N/R	N/R	0	0	0	N/R	N/R	N/R
T7	0	0	0	0	0	N/R	3	0	0	N/R	N/R	0
T8	0	N/R	0	0	0	0	N/R	0	0	0	N/R	0
T9	0	0	0	0	0	0	N/R	0	0	4	0	0
T10	0	5	0	0	0			0	0	4		
T11	0	5	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	N/R	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T10 and T11.

SK 470: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Vertebral Schmorl's node

SK 471A	Adult	Probable Female: 150.43 ± 3.72 cm
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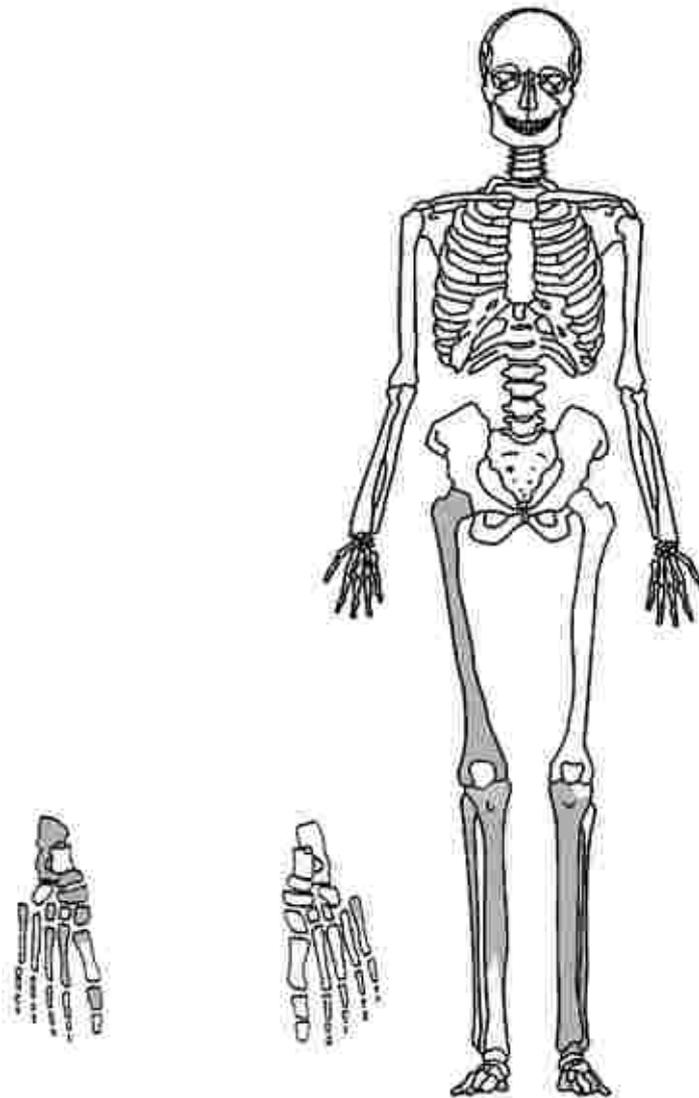
Burial Position and Details:

Plan No: 31F

Area No: 10

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 471A: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 471B

Adult

Indeterminate Sex

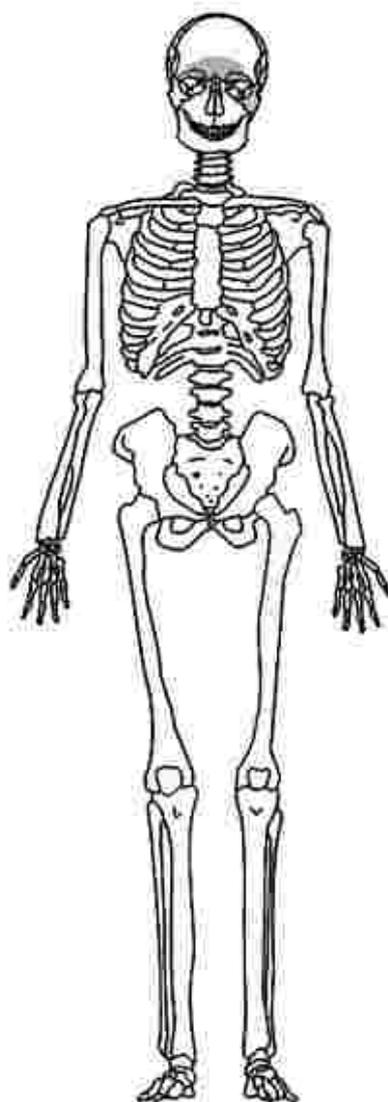
Burial Position and Details:

Plan No: 31F

Area No: 10

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 471B: Palaeopathological Summary and Differential Diagnoses

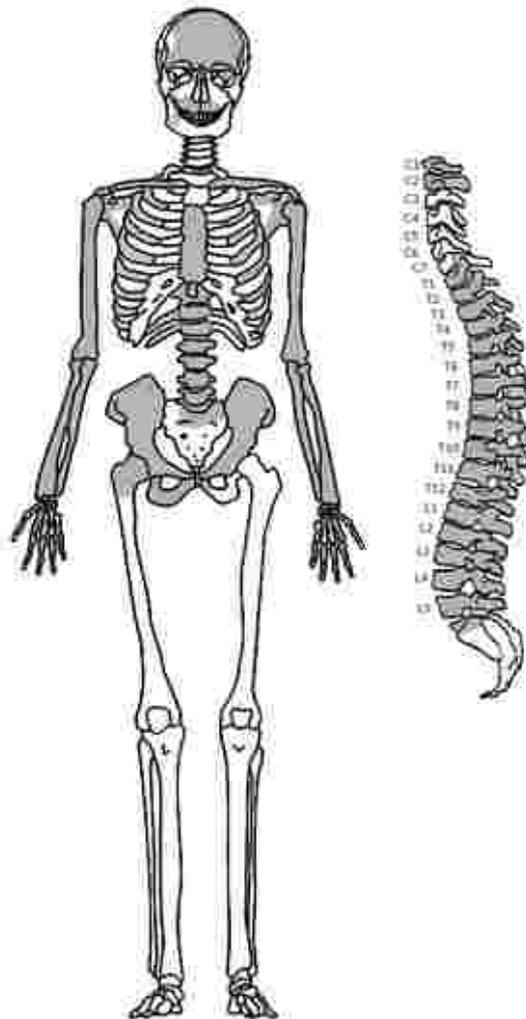
No pathological lesions were observed on the skeletal elements present for analysis.

SK 473**Old Adult****Male****Burial Position and Details:**

Plan No: 28D

Area No: 12

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned on the right side. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The left hand was positioned over the pelvic region with the right hand by the side of the body.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Taphonomy: Green copper-alloy staining was noted on the posterior aspect of the left humerus.

Dentition

Attrition	N/P	2	2	2	2	1	N/P									
Period. Dis.	N/P	3	3	N/R	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
E.Hypoplasia	N/P	0	0	0	0	0	N/P									
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Caries	N/P	0	0	0	0	1	N/P									
Calculus	N/P	2	1	1	1	1	N/P									
	N/P	1	1	1	1	1	2	2	2	2	2	2	2	N/P	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	2	2	2	1	N/P										
Calculus	N/P	N/P	N/P	N/P	1	N/P										
Caries	N/P	N/P	N/P	N/P	0	N/P										
Abscess	N/R	N/R	N/R	N/R	N/P											
Cyst	N/R	N/R	N/R	N/R	N/P											
E.Hypoplasia	N/P	N/P	N/P	N/P	0	N/P										
Period. Dis.	N/R	N/R	N/R	N/R	N/P											
Attrition	N/P	N/P	N/P	N/P	2	N/P										

Dental Disease

Caries

Tooth 13: Small carious lesion present on the mesial aspect of the neck of the tooth

Cranial Pathology

Metabolic

Cribrra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate, middle-lateral and postero-lateral sector of the left orbital roof. Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, antero-intermediate, antero-medial and middle-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	3	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	N/R	0
T2	3	3	0	0	0	0	0	0	0	0	N/R	N/R
T3	0	4	0	0	0	0	0	0	0	0	N/R	3
T4	3	0	0	4	0	4	N/R	0	0	4	N/R	N/R
T5	0	4	0	0	4	0	0	0	0	N/R	4	N/R
T6	3	4	0	0	4	N/R	4	0	0	0	N/R	N/R
T7	0	4	0	0	4	N/R	0	0	0	0	0	N/R
T8	0	5	0	0	0	0	3, 4	0	0	4	0	N/R
T9	3, 4	0	0	0	0	4	0	0	0	0	0	0
T10	5	5	0	0	0			0	0	0		
T11	5	5	0	0	0			0	0	3		
T12	3, 4	5	0	0	0			0	0	0		
L1	5	3, 4	0	N/R				0	0			
L2	3, 4	3	4	0				3	0			
L3	3	0	0	0				0	0			
L4	3	0	0	0				0	0			
L5	0	0	0	N/R				0	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T10 and L1. Schmorl's nodes of moderate expression are present at the vertebral bodies of T10, T11 and T12.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the anterior inferior vertebral body of L1.

*Infection**Reactive Bone Formation*

SK 473 exhibits a periosteal reactive lesion at the left scapula. A reactive bone deposit in the form of woven bone is present on the posterior body of the scapula.

Joint

SK473 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left and Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes, eburnation	Right Glenoid fossa 1x Left Costal Facet 1x Left rib head 1x Right Costal Facet
<i>Hip</i>	Periarticular resorptive foci and surface porosity	Left and Right Acetabulum

*Trauma**Spondylolysis*

Spondylolysis is exhibited at the right pars interarticularis of L5; unable to assess if this lesion is uni- or bilateral due to post-mortem damage of the left portion of the vertebral arch.

SK 473: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Infection</i>	Non-specific: reactive bone deposit
<i>Trauma</i>	Spondylolysis

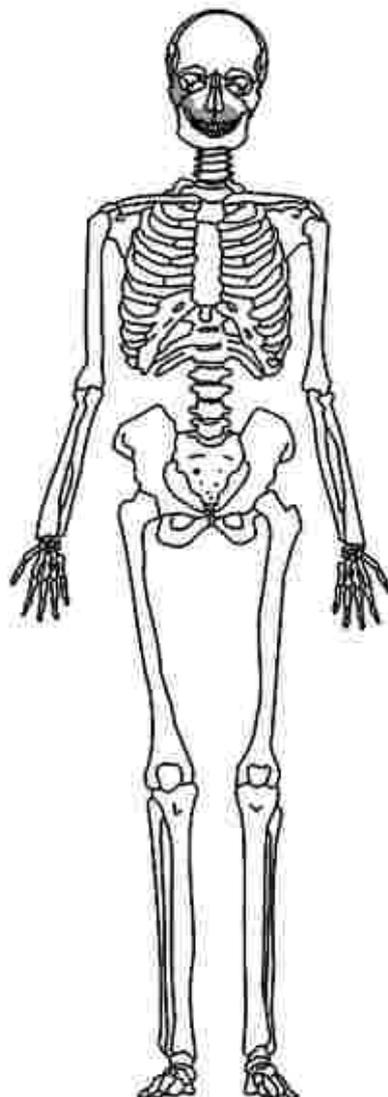
SK 475**Adult****Probable Male****Burial Position and Details:**

Plan No: 28B

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/R	N/P	N/P	N/P												
Period. Dis.	N/P	N/R	N/P	N/P	N/P												
E.Hypoplasia	N/P	N/R	N/P	N/P	N/P												
Cyst	N/P	0	1	1	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	1	N/P	N/P	N/P	
Caries	N/P	N/R	N/P	N/P	N/P												
Calculus	N/P	N/R	N/P	N/P	N/P												
	8	4	4	4	2	2	2	2	2	2	2	2	4	2	N/P	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P																

Dental Disease

Antemortem Tooth Loss

SK 475 exhibits antemortem tooth loss of 2 maxillary molars and 2 premolars. Complete secondary resorption of the alveolar process has occurred at the site of Tooth 16 and 17 with only partial resorption of the tooth socket of Tooth 15 and 24.

Granuloma

Tooth 14: A granuloma is present at the apex of the root.

Abscess/ Cyst

Tooth 15: Cyst/ abscess present on the buccal aspect of alveolar process; this cyst shows extensive healing whereby the perforation is almost completely obliterated. It is likely that this cyst caused ante-mortem tooth loss of Tooth 15 as there is resorption of the bone at the site of the cyst and at the tooth socket.

Tooth 16: Cyst/ abscess present on lingual aspect of the alveolar process.

Tooth 25: Abscess/ Cyst present on the buccal aspect of the alveolar process.

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18 is congenitally absent.

SK 475: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, dental abscess/cyst, calculus, dental attrition, granuloma,
congenitally absent 3rd molar

SK 477

Young Adult

Female: 146.98 ± 3.55 cm

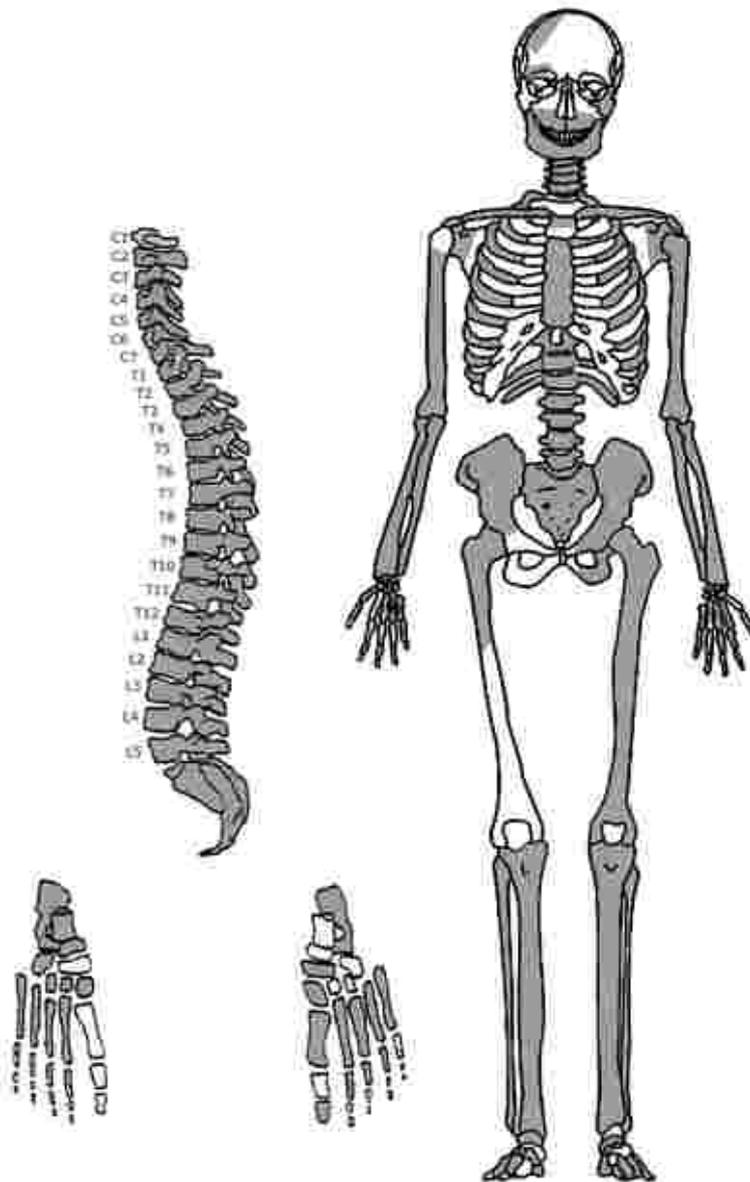
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition		N/P	0	0	N/R	0	0	N/R	N/R	N/R	N/R	0	0	N/R	0	N/R	N/P		
Period. Dis.		N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P		
E.Hypoplasia		N/P	0	0	N/R	0	0	N/R	N/R	N/R	N/R	0	0	N/R	0	N/R	N/P		
Cyst		N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P		
Abscess		N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P		
Caries		N/P	0	0	N/R	0	0	N/R	N/R	N/R	N/R	0	0	N/R	0	N/R	N/P		
Calculus		N/P	0	1	N/R	0	0	N/R	N/R	N/R	N/R	1	1	N/R	0	N/R	N/P		
			8	1	1	2	1	1	2	2	2	2	1	1	2	1	2	8	
Maxilla			18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible			85	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
			1	8	1	1	6	1	1	1	1	1	1	1	1	1	1	1	8
Calculus	1	N/P	1	1	N/P	1	1	1	1	2	1	1	1	1	1	1	1	N/P	
Caries	0	N/P	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	0	N/P	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	0	N/P	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	0	N/P	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Period. Dis.	0	N/P	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Attrition	2	N/P	1	1	N/P	2	1	1	1	1	1	1	0	0	0	0	0	N/P	

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18, 28, 38, and 48 are congenitally missing. Tooth 85 is a retained deciduous molar which occupies the space of Tooth 45 causing possible impaction of Tooth 45; Tooth 45 may also be missing congenitally.

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate sector of the right orbital roof.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 477 exhibits extensive periosteal reactive lesions of primarily the axial skeletal elements and lower long-bones. Reactive bone deposits in the form of woven bone are present at the medial aspect of the proximal left and right femora and distal left fibula. Lesions composed of both woven and sclerotic bone are present at the visceral surfaces of 5 left ribs and 6 right ribs adjacent to the rib necks. A mixed reaction of both woven and sclerotic bone is also present at the proximal left tibia, distal right fibula and the medial surfaces of the left and right calcaneus. Sclerotic bone is present at the proximal right tibia. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 477: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition, congenitally absent premolar and molars, possible impaction, retention of deciduous molar
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Congenital</i>	Congenitally absent molars

SK 478

Young Adult Male

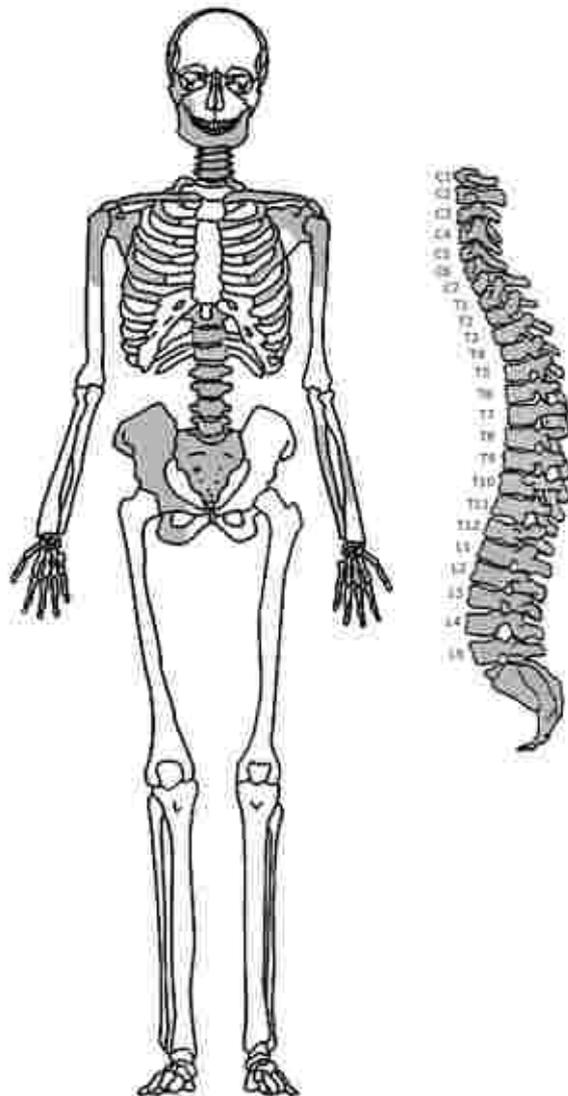
Burial Position and Details:

Plan No: 30

Area No: 23

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Dentition

Attrition	1	1	N/P													
Period. Dis.	0	0	N/P													
E.Hypoplasia	0	0	N/P													
Cyst	0	0	N/P													
Abscess	0	0	N/P													
Caries	0	0	N/P													
Calculus	0	0	N/P													
	1	1	2	N/P												
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
Calculus	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0	0
Attrition	1	1	2	1	1	1	N/R	N/R	N/R	1	1	1	1	3	2	2

Post Cranial Pathology

Joint

SK478 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right Temporal
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Surface porosity	Left Humeral Head
<i>Ribs</i>	Marginal osteophytes	Left 1 st Rib costal facet
<i>Hand</i>	Marginal osteophytes, surface osteophytes	Right MC1, 1 st proximal and distal phalanx (proximal articular surface)

SK 478: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Joint DJD

SK 479

Young Adult Probable Female

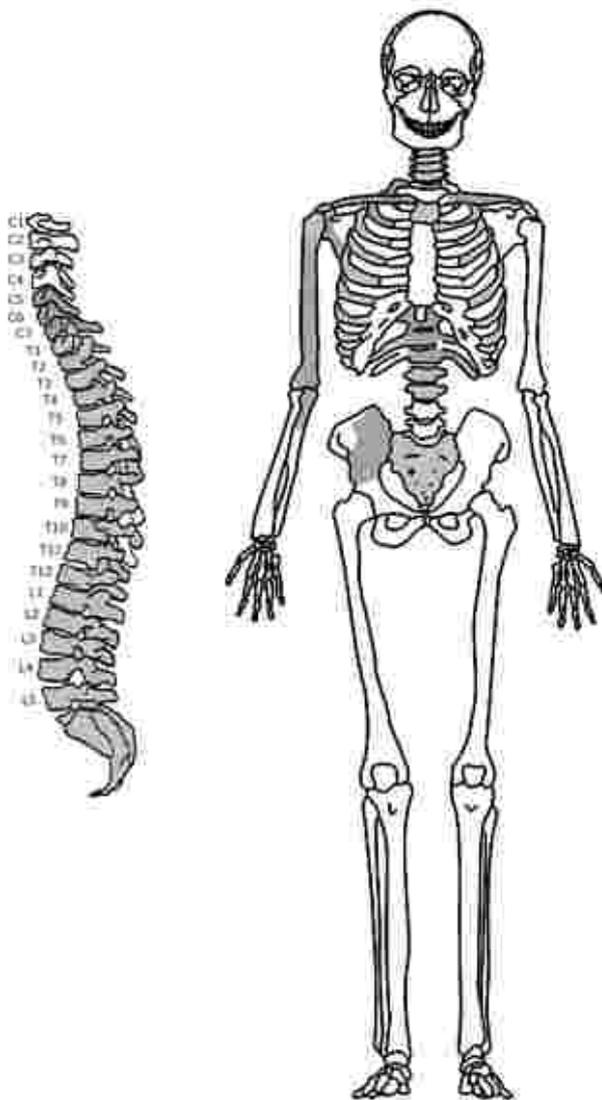
Burial Position and Details:

Plan No: 31F

Area No: 10

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right arm was flexed at the elbow crossing the pelvis.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	0	4	0	0				0	0			
C6	4	4	0	0				0	0			
C7	4	4	0	0				0	0			
T1	8 thoracic vertebrae present; fragmented and affected by post-mortem damage therefore unable to number; porosity evident on 6 superior and inferior centra; no pathological lesions present on observable costal and inferior and superior facets.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	4	3, 4, 5	0	0	0			0	0	0		
T11	4, 5, 3	4, 5	0	0	0			0	0	0		
T12	4, 5, 3	4, 5	0	0	0			0	0	0		
L1	4, 5	4, 5	0	0				0	0			
L2	5, 4	4	N/R	N/R				N/R	N/R			
L3	4	3, 4	0	N/R				N/R	N/R			
L4	Only fragments of L4 and L5 are present; No pathological lesions present on observable fragments											
L5												

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T10, T11, T12, L1 and L2.

Trauma

Fracture

A fracture is present at the acromial end of the right clavicle. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in secondary shortening of the bone shaft however the degree of shortening cannot be accurately assessed due to post-mortem damage.

SK 479: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
Trauma Fracture

SK 481

Adult

Probable Male

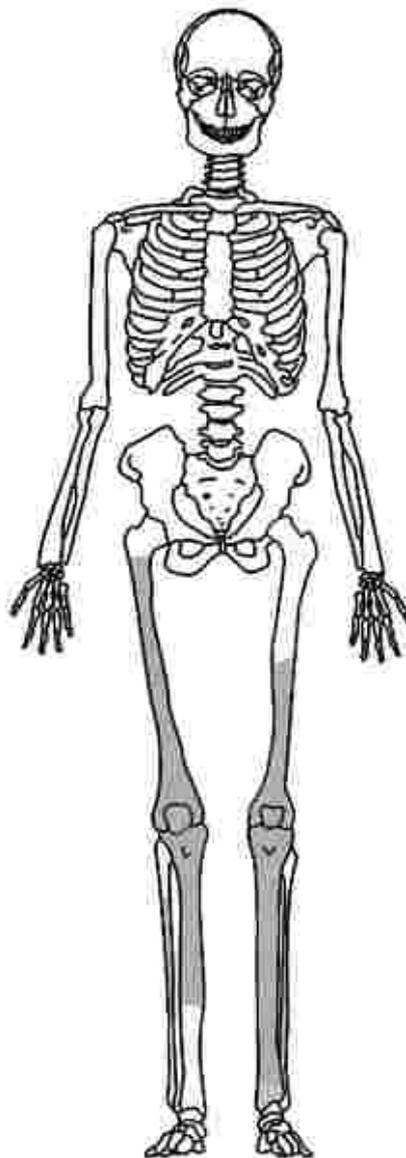
Burial Position and Details:

Plan No: 36

Area No: 23

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Possible Fracture

A crack fracture is present at the lateral aspect of the right patella. The fracture line is still evident on the anterior and posterior aspect of the bone. Healing in the form of sclerotic callus bone formation is also observable.

SK 481: Palaeopathological Summary and Differential Diagnoses

Trauma Fracture

SK 482

Adult

Female: 151.95 ± 3.55 cm

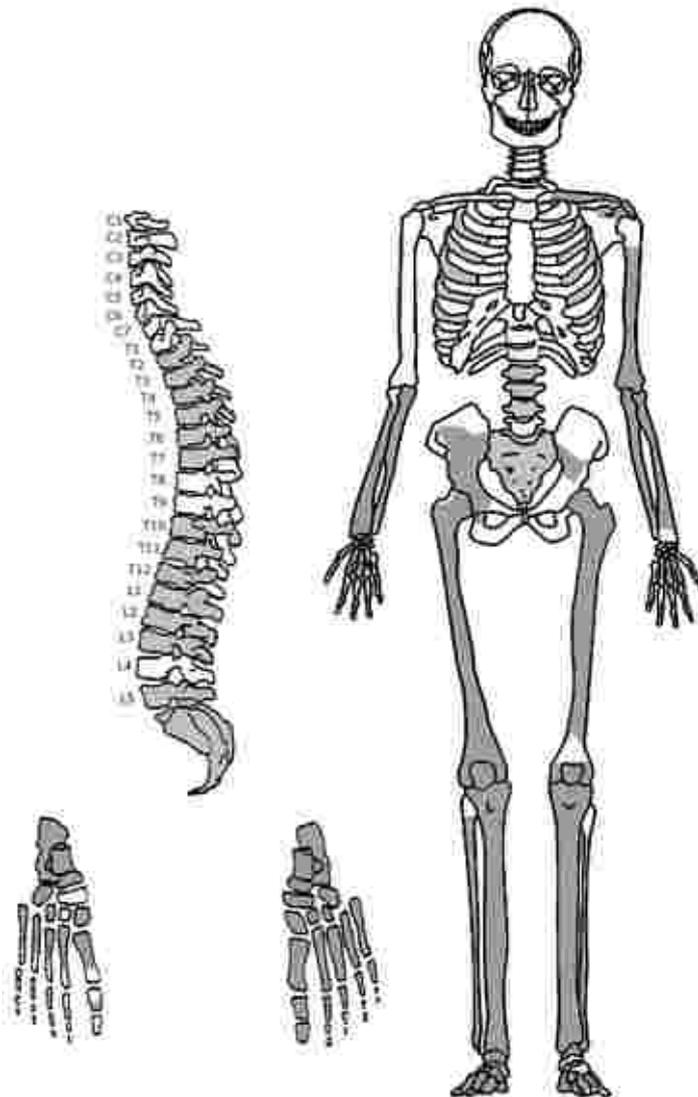
Burial Position and Details:

Plan No: 22A

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Trauma

Crush Fracture

A crush fracture is present at the left intermediate fifth foot phalanx. The fracture line is still evident. Healing in the form of sclerotic callus bone formation is also observable on the lateral aspect of the articular head.

SK 482: Palaeopathological Summary and Differential Diagnoses

Trauma Crush fracture

SK 484**Young Adult****Male: 168.2 ± 2.99 cm****Burial Position and Details:**

Plan No: 23E

Area No: Not specified

W-E orientation; prone burial of good completeness and good preservation. The skull was positioned on the right side. Both arms were flexed at the elbow towards the head with the hands positioned above the head. Both legs were extended with the feet together. A worked wooden object was found in association with SK 484 during osteoarchaeological analysis; possibly a peg or tool.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	1	1	2	1	1	2	N/P	1	1	1	1	1	1	2	1	1
Period. Dis.	0	0	0	0	0	0	0	N/R	0	1	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/P	0	1	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0
Calculus	0	1	1	1	1	1	N/P	1	0	0	1	0	0	0	0	0
	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	N/P	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	0	1	0	2	2	2	2	N/P	0	1	2	1	1

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

A diastema is exhibited between Tooth 11, 21 and 22 measuring 4.26mm and 4.27mm in width respectively.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	N/R	0	0				0	0			
C5	0	N/R	0	0				0	0			
C6	N/R	N/R	0	0				0	0			
C7	N/R	N/R	0	0				0	0			
T1	N/R	0	0	0	N/R	N/R	0	0	0	0	N/R	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	5	0	0	0	N/R	0	0	0	0	0	0
T5	0	5	0	0	0	0	0	0	0	0	0	0
T6	0	5	0	0	0	0	0	0	0	0	0	0
T7	0	5	0	0	0	0	0	0	0	0	0	0
T8	0	5	0	0	0	0	0	0	0	0	0	0
T9	5	5	0	0	0	0	N/R	0	0	0	0	0
T10	0	5	0	0	0			0	0	0		
T11	0	5	0	0	0			0	0	0		
T12	5	5	0	0	0			0	0	0		
L1	5	5	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	5	0	0	0				0	0			
L5	0	0	0	0				0	0			
L6	0	0	N/R	N/R				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T4, T9, T10, T11, T12, L1 and L4. Schmorl's nodes of moderate expression are present at the vertebral bodies of T5, T6, T7 and T8.

Congenital

Supernumerary Vertebra

L6 is present.

SK 484: Palaeopathological Summary and Differential Diagnoses

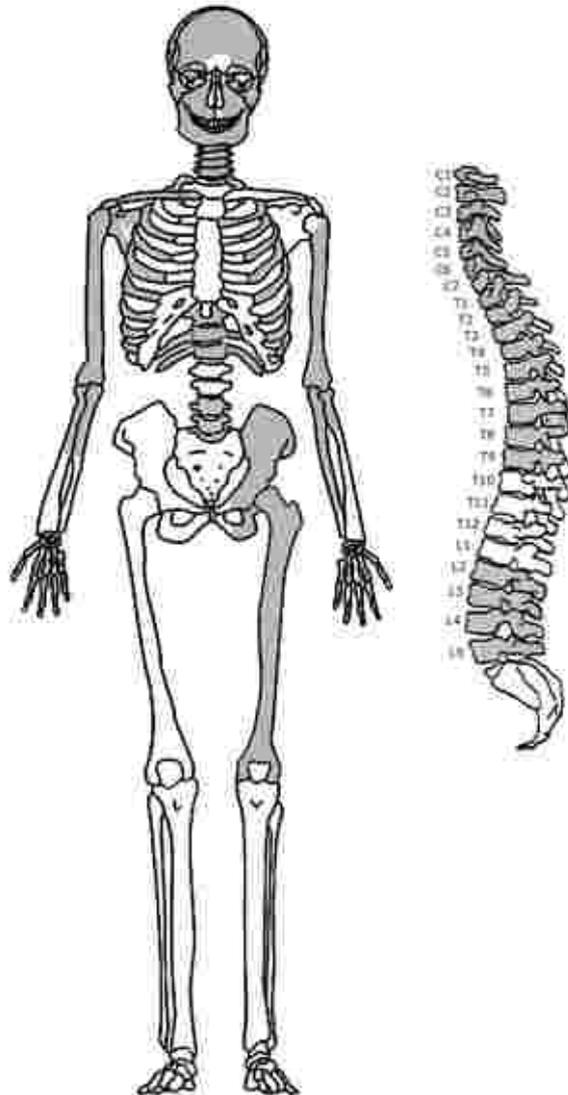
<i>Dental</i>	Periodontal disease, calculus, dental attrition, diastema
<i>Vertebral</i>	Schmorl's nodes
<i>Congenital</i>	Supernumerary vertebra

SK 487**Middle Adult Female: 159.08 ± 3.72 cm****Burial Position and Details:**

Plan No: 30A

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the right side. Both arms were extended with the left hand positioned over the left pelvis. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	2	2	2	2	2	N/P	2	2	N/P	N/P	N/P	1	1	2	2	N/P
Period. Dis.	2	2	2	2	2	0	0	0	N/P	N/P	N/R	2	2	2	2	3
E.Hypoplasia	0	0	0	0	0	N/P	0	0	N/P	N/P	N/P	0	0	0	0	N/P
Cyst	0	0	0	1	0	0	0	0	N/P	N/P	N/R	0	0	0	0	1
Abscess	0	0	0	0	0	0	0	0	N/P	N/P	N/R	0	0	0	0	0
Caries	1	0	0	1	0	N/P	0	0	N/P	N/P	N/P	0	0	0	0	N/P
Calculus	3	3	2	2	2	N/P	2	1	N/P	N/P	N/P	2	2	2	2	N/P
	1	1	1	1	1	2	1	1	N/P	N/P	2	1	1	1	1	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	2	2	3	2	1	1	1	1	2	3	3	2	2	1
Caries	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	1	1	1	0	0	0	0	0	0	0	1	1	1	2	2	2
Attrition	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	1

Dental Disease

Antemortem Tooth Loss

SK 487 exhibits antemortem tooth loss of a maxillary third molar. Only partial secondary resorption of the alveolar process at the affected tooth site has occurred. This antemortem tooth loss is associated with a cyst at the tooth site.

Possible activity-related dental attrition pattern

SK 487 exhibits an unusual, possibly activity-related, dental wear pattern on the upper and lower incisors whereby the complete lingual aspect of the upper incisors and the complete labial aspect of the lower incisors have been worn.

Caries, Cyst/ abscess

Tooth 15: Small carious lesion present on the mesial aspect of the tooth penetrating the pulp cavity; associated with cyst/ abscess at apex of the root with sinus and secondary periostitis

Tooth 28: Cyst/ abscess present at tooth site

Tooth 38: Small carious lesion present on occlusal surface of the tooth.

Tooth 47: Small carious lesion present on the occlusal surface of the tooth.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, middle-lateral and postero-lateral sector of the left orbital roof. A combination of type 1 (capillary-like impressions) and Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, middle-lateral and postero-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R.Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1	3	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	4			
C4	0	3	0	0				3	0			
C5	0	3, 4	0	0				0	0			
C6	3	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	3	0	0	0	0	0	0	0	0	0
T2	0	0	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T3	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T5	0	0	0	4	0	0	0	N/R	4	0	0	N/R
T6	3	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	4	N/R	0	0	0	0	0	0	0	0	0
T8	0	5	0	0	0	0	0	0	0	0	0	4
T9	0	0	0	0	0	0	0	0	0	0	0	3, 4
T10	0	0	0	4	0			0	0	0		
T11	N/R	5	4	0	0			4	3	0		
T12	N/R	5	0	N/R	0			0	N/R	0		
L4	0	3	N/R	N/R				N/R	N/R			
L5	3	3	N/R	N/R				0	N/R			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T8, T11 and T12.

Trauma

Osteochondritis Dissecans

Subchondral unifocal bone loss indicative of localised avascular necrosis is present at the distal left medial femur. Healing in the form of sclerotic bone formation is also present.

Joint

SK 487 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity, marginal osteophytes	Right and Left Temporal and mandibular condyles
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Sternoclavicular</i>	Surface osteophytes, marginal osteophytes	Right Manubrium and Clavicle
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Right 1 st Rib head 2x Left Costal Facets 1x Right Costal Facet
<i>Elbow</i>	Surface porosity, surface osteophytes, marginal osteophytes, eburnation, bone hypertrophy	Left distal humerus and proximal radius Right distal humerus and proximal ulna
<i>Wrist</i>	Marginal osteophytes, eburnation	Left trapezoid Right trapezoid, scaphoid and trapezium
<i>Hand</i>	Marginal osteophytes, surface osteophytes, eburnation	Unsided intermediate and distal hand phalanx
<i>Knee</i>	Marginal osteophytes	Left Femoral Condyles Right Tibial Condyles

*Miscellaneous Pathology/ Congenital**Abnormal Bone Loss*

A unifocal lesion of bone loss is present on the visceral surface of a rib fragment. The lesion is less than 1cm in diameter with well-defined boundaries. The aetiology of this lesion is ambiguous however it appears to be a congenital defect.

SK 487: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, dental cyst/ abscess, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	CO
<i>Trauma</i>	Osteochondritis Dissecans
<i>Miscellaneous</i>	Abnormal bone loss

SK 488**Middle Adult****Indeterminate Sex****Burial Position and Details:**

Plan No: 30C

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The left hand was positioned over the left pelvis with the right hand by the side of the body. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	0	0	3	0				N/R	N/R			
C5	0	3	0	0				4	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	N/R	0	N/R	N/R	0	0	3	0	N/R
T2	2 thoracic neural arches present; No pathological changes present											
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	N/R	0	0	3, 4	0			N/R	0	N/R		
T11	0	0	3, 4	0	0			0	0	N/R		
T12	0	0	0	4	4			N/R	0	0		
I1	0	3	N/R	0				0	0			
I2	0	4	0	0				0	3, 4			
L3	3	0	N/R	N/R				N/R	N/R			
L4	0	0	N/R	N/R				N/R	N/R			
L5	0	0	0	N/R				N/R	N/R			

Joint

SK 488 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left Costal Facet Right 1 st Rib head
<i>Wrist</i>	Marginal osteophytes, surface osteophytes	1x Right Costal Facet Left distal ulna

SK 488: Palaeopathological Summary and Differential Diagnoses

Vertebral Joint Intervertebral Osteochondrosis
DJD

SK 489

Adult

Female

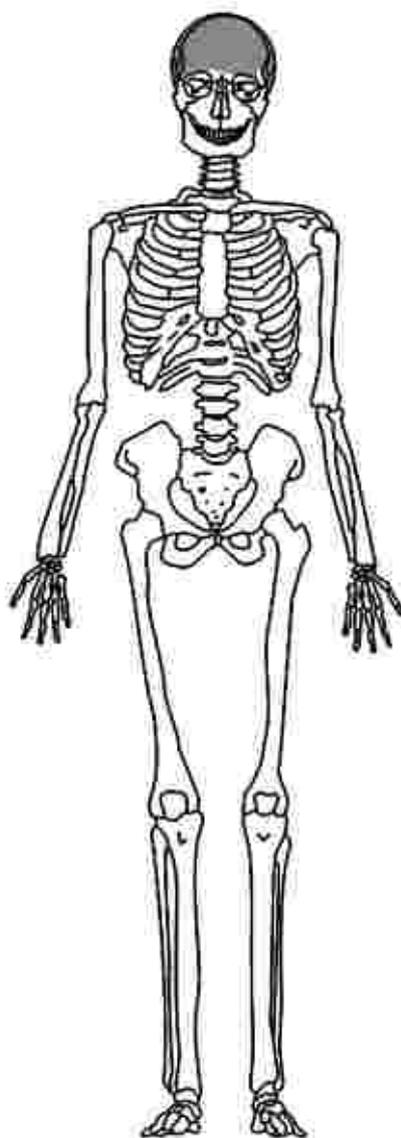
Burial Position and Details:

Plan No: 28

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	N/R	2	2	2	2	2	2	2	2	2	N/R	N/R	N/P	2
Period. Dis.	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
E.Hypoplasia	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	N/R	N/R	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Abscess	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	N/P	3	0	0	0	0	0	0	0	0	0	3	3	N/P	0
Calculus	N/P	N/P	3	2	1	1	1	1	0	1	1	1	0	0	N/P	1
	4	4	1	1	1	1	1	1	1	1	1	1	1	1	4	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	3	2	1	2	1	2	1	1	N/P	1	1	1	1	2	2	2
Caries	0	0	2	1	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1
Attrition	2	2	2	2	2	1	2	2	N/P	2	2	2	2	3	2	2

Dental Disease

Antemortem Tooth Loss

SK489 exhibits antemortem tooth loss of 3 maxillary molars. Complete secondary resorption of the alveolar process at the affected tooth sites has occurred.

Caries, Abscess/ Cyst

Tooth 16: Large carious lesion present at tooth crown

Tooth 18: Abscess present at apex of tooth root

Tooth 25: Large carious lesion present at tooth crown

Tooth 26: Large carious lesion present at tooth crown; an associated cyst is also observable at the apex of the tooth root.

Tooth 45: Small carious lesion present at tooth crown

Tooth 46: Medium-sized carious lesion present at tooth crown

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral sector of the left and right orbital roofs.

Joint

DJD

SK 489 exhibits lesions indicative of degenerative joint disease at the left occipital condyle in the form of marginal osteophytes. This osteophyte formation has resulted in an enlarged joint surface.

SK 489: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental cyst/abscess, calculus, dental attrition

Joint DJD

Metabolic CO

SK 490

Middle Adult Male

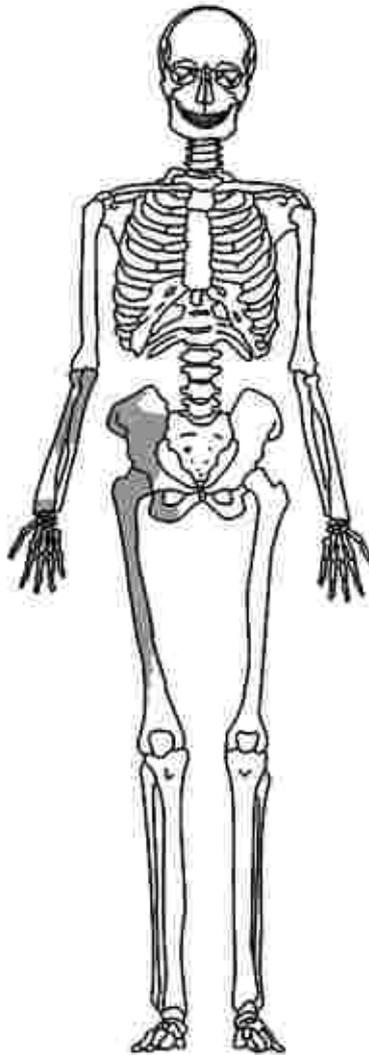
Burial Position and Details:

Plan No: 35A

Area No: 17

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The right arm was extended with the right hand positioned at the side of the body. The right leg was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Post-Cranial

Joint

SK 490 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Marginal osteophytes	Right 1 st proximal and distal phalanges

SK 490: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 493

Adult

Male

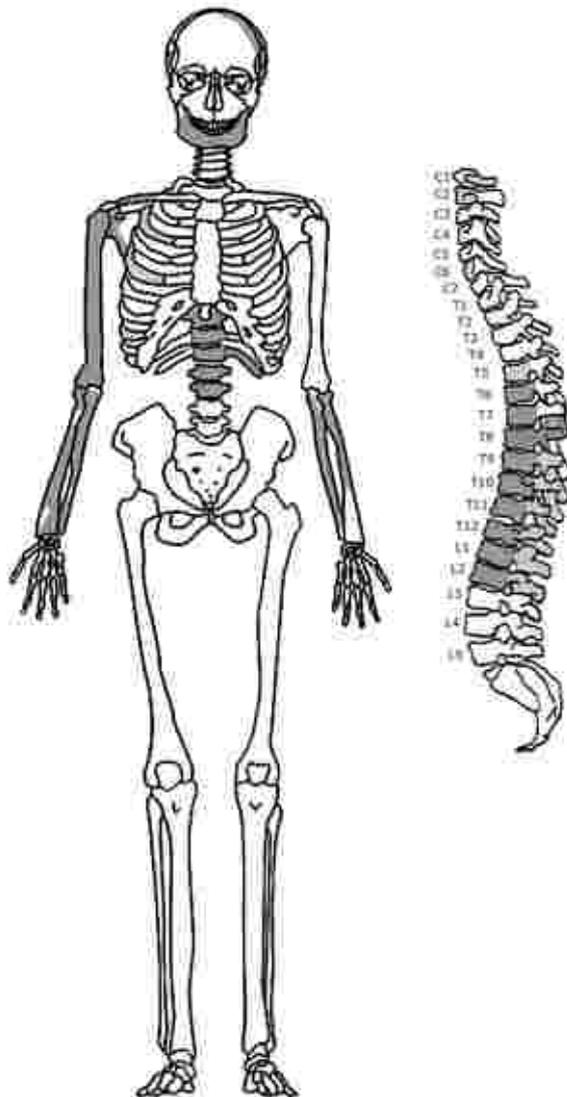
Burial Position and Details:

Plan No: 35A

Area No: 17

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	2	4	2	4	2	N/R	N/R	N/R	2	3	2	4	4	4	1
Calculus	N/R	2														
Caries	N/R	0														
Abscess	N/R	0	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/R	0	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	0														
Period. Dis.	N/R	0														
Attrition	N/R	1														

Dental Disease

Antemortem Tooth Loss

SK 493 exhibits antemortem tooth loss of 3 mandibular premolars and 4 molars. Complete secondary resorption of the alveolar process at the affected tooth sites has occurred with the exception of Tooth 44 where only partial resorption of the tooth socket has occurred.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/R	0	0				N/R	N/R			
C2	0	0	N/R	N/R				N/R	N/R			
T5	N/R	3	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R
T6	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T7	N/R	3	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	3, 4	0	0	0	0	N/R	0	0	0	0	N/R
T9	3	0	0	N/R	0	N/R	N/R	0	N/R	0	0	N/R
T10	0	0	0	0	0			0	N/R	0		
T11	0	0	N/R	N/R	0			0	N/R	0		
T12	0	0	N/R	N/R	0			0	N/R	0		
L1	5	0	0	N/R				0	N/R			
L2	0	0	N/R	N/R				N/R	N/R			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L1.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of T8 and T9.

SK 493: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, calculus, dental attrition
Vertebral Schmorl's node, Intervertebral osteochondrosis

SK 494

Middle Adult

Probable Male

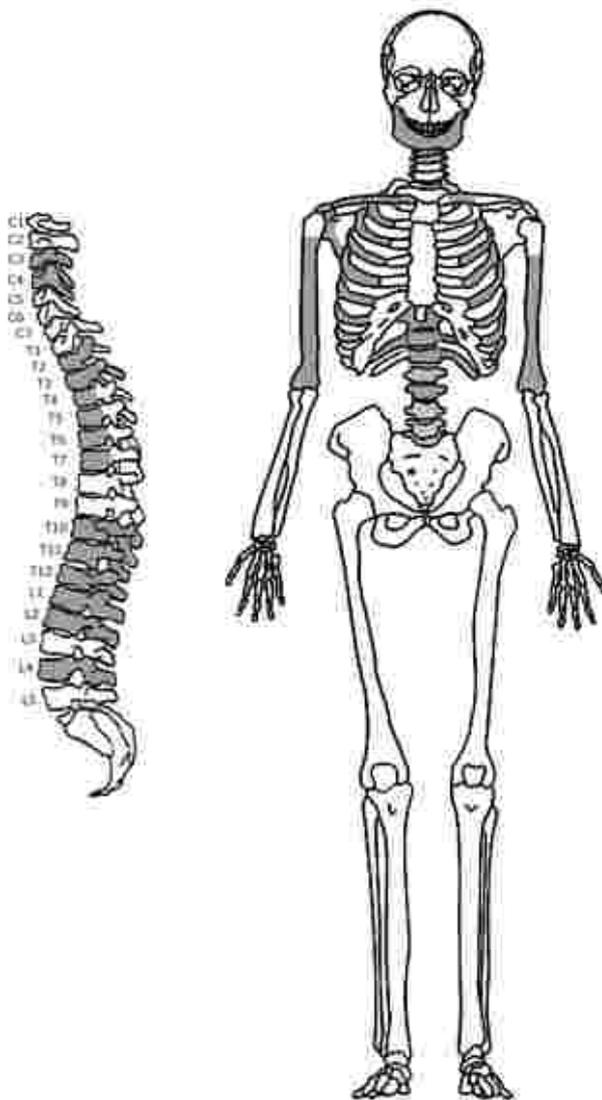
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	2	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	
Calculus	N/P	1	1	N/P	1	1	1	1	1								
Caries	N/P	0	0	N/P	0	0	0	0	0								
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	N/P	0	0	0	0	0								
Period. Dis.	0	1	N/R	1	1	1	1	1									
Attrition	N/P	2	2	N/P	1	1	2	2	2								

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T2	0	0	0	4	0	0	3	0	0	0	0	3
T3	0	3	0	4	0	0	3	0	3,4	0	0	3
T4	0	3	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	3	3,5	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T6	5	5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	3, 5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	3, 5	3,5	3,4	0	0	0	N/R	3	0	0	0	N/R
T9	0	3,5	3 & 4	3 & 4	0	0	N/R	0	3 & 4	0	0	4
T10	0	3	0	N/R	0			0	N/R	0		
T11	3	3,4 & 5	0	0	0			N/R	0	0		
T12	5	0	N/R	N/R	3			N/R	N/R	3		
L1	5	0	3	0				N/R	0			
L2	5	5	0	0				3	3			
L4	N/R	N/R	3	3 & 4				3	3			
L5	N/R	N/R	3	3				3	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T5, T6, T7, T8, T9, T11, T12, L1 and L2.

SK 494: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis
Dental Calculus, Periodontal Disease, Dental Attrition

SK 495**Middle Adult****Female: 156.65 ± 3.55 cm****Burial Position and Details:**

Plan No: 32B

Area No: 20

NE-SW orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended. SK 495 was found in association with finds F60: a quartz piece near the pelvic region and F:63 beads near the head/neck region.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	4	0	0	0	0	0	0	N/R	N/R
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	0	3
T6	0	3	0	0	N/R	0	0	0	0	0	0	0
T7	3	3	0	0	N/R	N/R	0	0	0	N/R	0	0
T8	0	3	N/R	0	N/R	0	N/R	0	0	0	N/R	3
T9	3	0	0	0	0	0	3	0	0	4	N/R	3
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	3	0	0	0	4			0	0	4		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	3	0	0	0				0	0			
L4	3	0	0	0				0	0			
L5	0	0	0	0				0	0			

SK 495: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD

SK 496

Adult

Probable Male

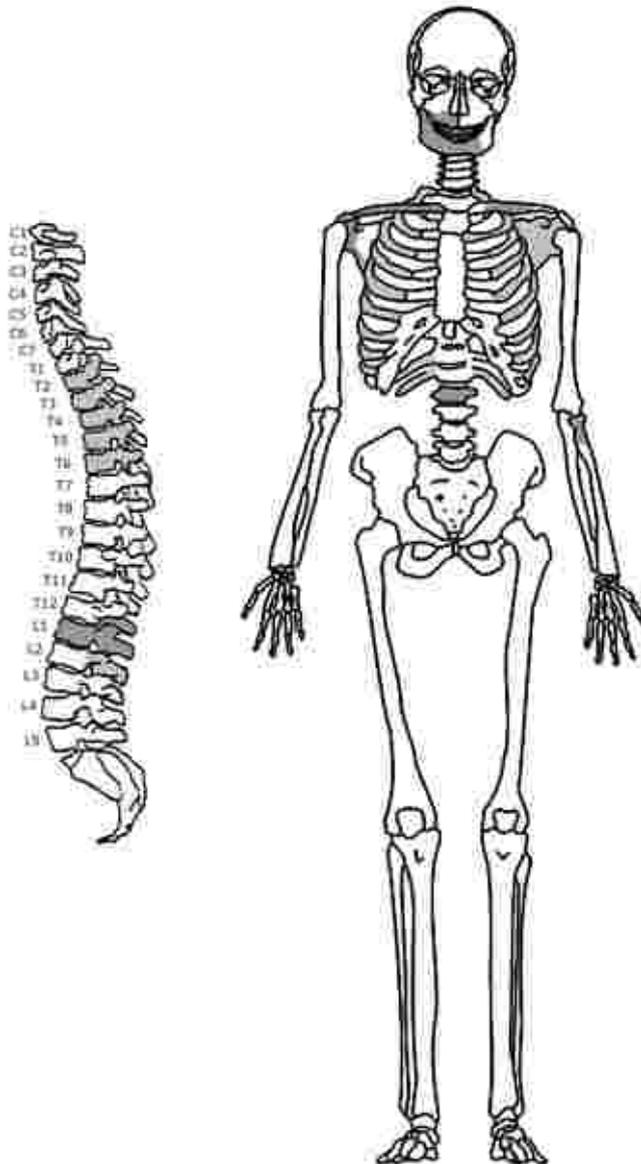
Burial Position and Details:

Plan No: 32A

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/R	N/R	N/P	2	2	2	2	N/P							
Period. Dis.	N/P	1	1	0	0	0	0	0	N/P							
E.Hypoplasia	N/P	N/R	N/R	N/P	0	0	0	0	N/P							
Cyst	N/P	0	0	0	0	0	0	0	N/P							
Abscess	N/P	0	0	0	0	0	0	0	N/P							
Caries	N/P	N/R	N/R	N/P	0	0	0	0	N/P							
Calculus	N/P	N/R	N/R	N/P	0	0	0	0	N/P							
	N/P	4	4	2	1	1	1	1	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	4	4	1	2	1	1	1	1	1	2	1	1	N/R	N/P	N/P
Calculus	0	N/R	N/R	1	N/P	2	2	2	2	2	N/P	2	2	N/R	N/P	N/P
Caries	1	N/R	N/R	0	N/P	0	0	0	0	0	N/P	0	0	N/R	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P	N/P
E.Hypoplasia	0	N/R	N/R	0	N/P	0	0	0	0	0	N/P	0	0	N/R	N/P	N/P
Period. Dis.	1	1	1	0	0	0	0	0	0	0	0	0	0	N/R	N/P	N/P
Attrition	1	N/R	N/R	3	N/P	2	2	2	2	2	N/P	2	2	N/R	N/P	N/P

Dental Disease

Antemortem Tooth Loss

SK 496 exhibits antemortem tooth loss of 2 maxillary molars and 2 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites with the exception of Tooth 47 where there is only partial resorption of the tooth socket.

Possible activity-related dental attrition pattern

SK 496 displays a relatively high rate of possibly activity-related dental attrition concentrated on the upper and lower incisors and canines. The attrition pattern is most severe on the lower right mandibular quadrant. There is a correspondingly high attrition rate evident on the maxillary right teeth.

SK 496: Palaeopathological Summary and Differential Diagnoses

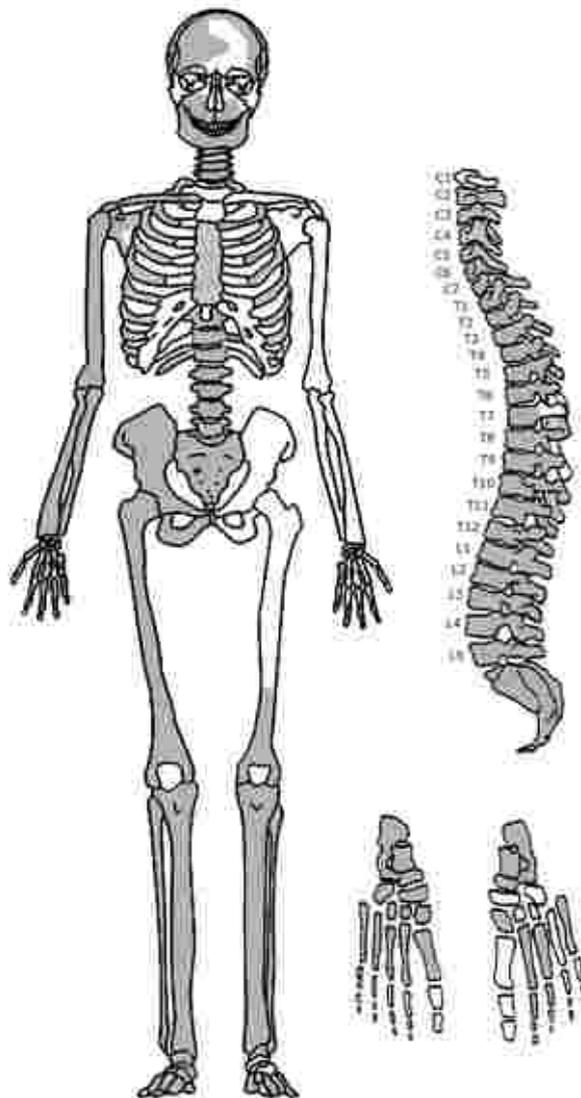
Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition, dental caries, activity-related dental wear

SK 497**Young Adult****Male: 172.1 ± 2.99 cm****Burial Position and Details:**

Plan No: 36A

Area No: 23

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The right arm was extended with the right hand positioned by the side of the body. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Dentition

Attrition	1	2	2	2	2	2	2	N/P	2	2	2	2	2	2	N/R	N/P
Period. Dis.	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	N/R	N/P
E.Hypoplasia	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	N/R	N/P
Cyst	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	N/P
Caries	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	3	N/P
Calculus	0	0	0	0	0	0	0	N/P	0	0	0	0	0	1	1	N/P
	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	N/P	N/P	1	1	1	1	0	0	0	0	0
Caries	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	2	2	2	2	N/P	N/P	2	2	2	2	2	2	2	1	1

Dental Disease

Caries

Tooth 27: Large carious lesion present on the mesial aspect of the tooth penetrating the pulp cavity; the majority of the crown of the tooth has been eroded by this lesion

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate sector of the right orbital roof.

Trauma

Blunt-force trauma

A healed depression fracture is present at the posterior left and right parietals traversing the mid-sagittal suture. The lesion is circular in shape measuring 23.58mm anterior-posterior and 20.13mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	No pathological lesions are evident on the cervical fragments which are present for analysis.											
C2												
C3												
C4												
C5												
C6												
C7												
T1	0	0	0	0	0	N/R	0	0	0	N/R	N/R	0
T2	0	0	0	0	0	0	N/R	0	0	0	N/R	N/R
T3	0	0	0	0	0	N/R	N/R	0	0	0	0	N/R
T4	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T5	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T6	0	4	0	0	0	0	N/R	0	0	0	0	N/R
T7	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T8	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T9	0	4	0	0	0	N/R	N/R	0	0	N/R	N/R	N/R
T10	0	3, 4	0	0	0		0	0	0			
T11	0	3, 4	0	0	0		0	0	4			
T12	4	0	0	0	4		0	0	3			
L1	N/R	N/R	0	0			0	0				
L2	N/R	N/R	0	0			0	3				
I 3	4	0	0	0			3	0				
I 4	4	3	3	0			3	3				
L5	0	4	3	0			0	0				

SK 497: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition
Vertebral Intervertebral osteochondrosis, DJD
Metabolic CO

Trauma Cranial Blunt-Force trauma

SK 498

Adult

Male

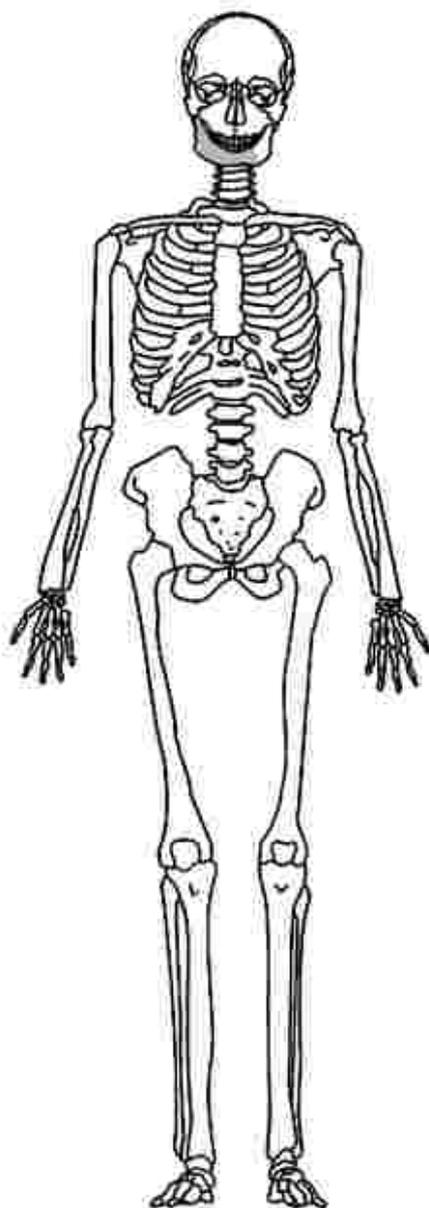
Burial Position and Details:

Plan No: 36A

Area No: 23

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	4	1	2	2	4	2	N/R	N/R	2	2	2	2	2	3	3
Calculus	2	N/R	2	N/R												
Caries	2	N/R	0	N/R												
Abscess	0	0	0	0	0	1	0	0	0	0	0	0	0	0	N/R	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R
E.Hypoplasia	0	N/R	0	N/R												
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R
Attrition	1	N/R	3	N/R												

Dental Disease

Antemortem Tooth Loss

SK 498 exhibits antemortem tooth loss of a mandibular molar. Complete secondary resorption of the alveolar process at the affected tooth site has occurred.

Caries

Tooth 48: Medium sized carious lesion present at the buccal aspect of the neck of the tooth.

Abscess

Tooth 43: A probable chronic abscess is present on the buccal aspect of the alveolar bone.

SK 498: Palaeopathological Summary and Differential Diagnoses

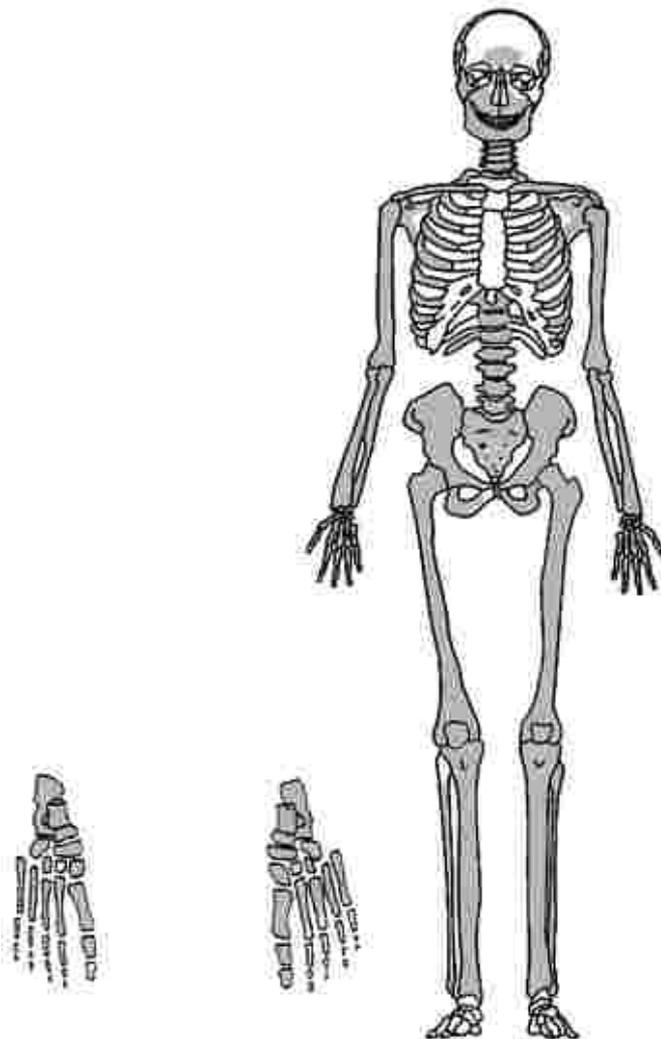
Dental Antemortem tooth loss, dental caries, dental abscess, calculus, dental attrition

SK 499**Young Adult****Male: 164.43 ± 2.99 cm****Burial Position and Details:**

Plan No: 36

Area No: 23

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	1	1	2	1	1	1	2	2	N/P	N/P	2	1	1	2	2	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	1
Calculus	1	1	1	1	1	1	1	0	N/P	N/P	1	1	1	2	1	1
	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	1	1	2	1	2	2	2	2	1	1	2	1	1

Infection

Maxillary Sinusitis

SK 499 exhibits periosteal inflammatory lesions of the left maxilla. Periostitis in the form of two islands of sclerotic bone is present on the floor of the maxillary sinus. The location of these lesions indicates probable chronic maxillary sinusitis.

SK 499: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Infection Maxillary sinusitis

SK 502

Adult

Probable Male: 174.88 ± 3.37 cm

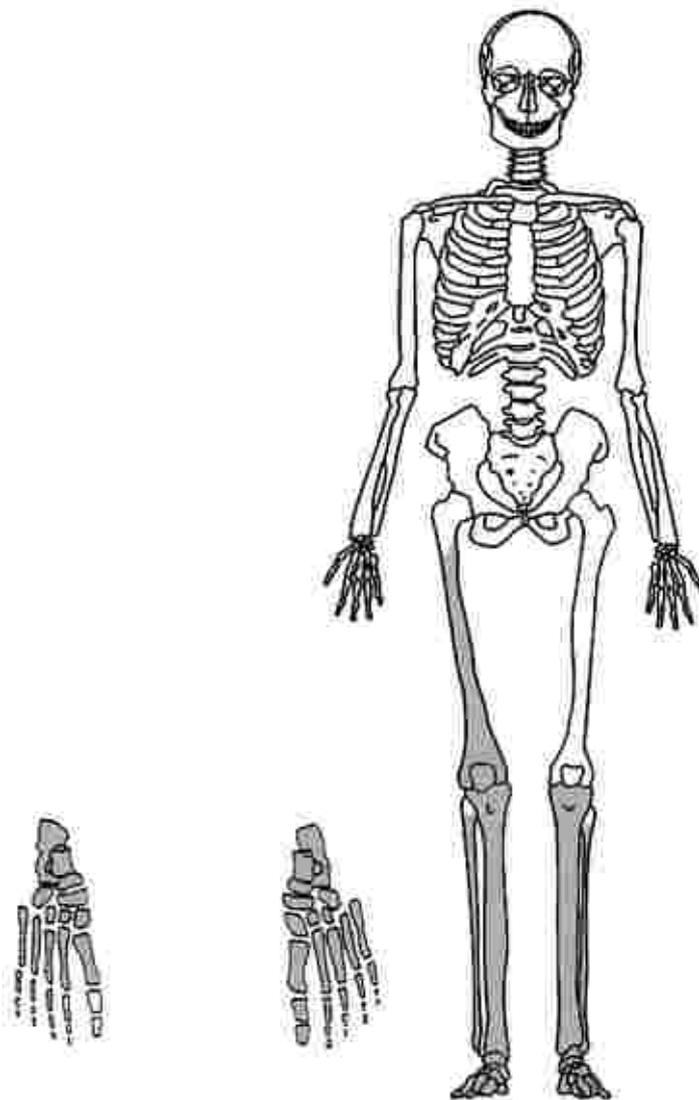
Burial Position and Details:

Plan No: 35B

Area No: 17

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Musculo-Skeletal Stress

Vertical enthesophyte formation is present at the right fibula. The lesion is caused by ossification of the interosseus membrane. This bone formation would have created a bony bridge between the fibula and the tibia in life.

SK 502: Palaeopathological Summary and Differential Diagnoses

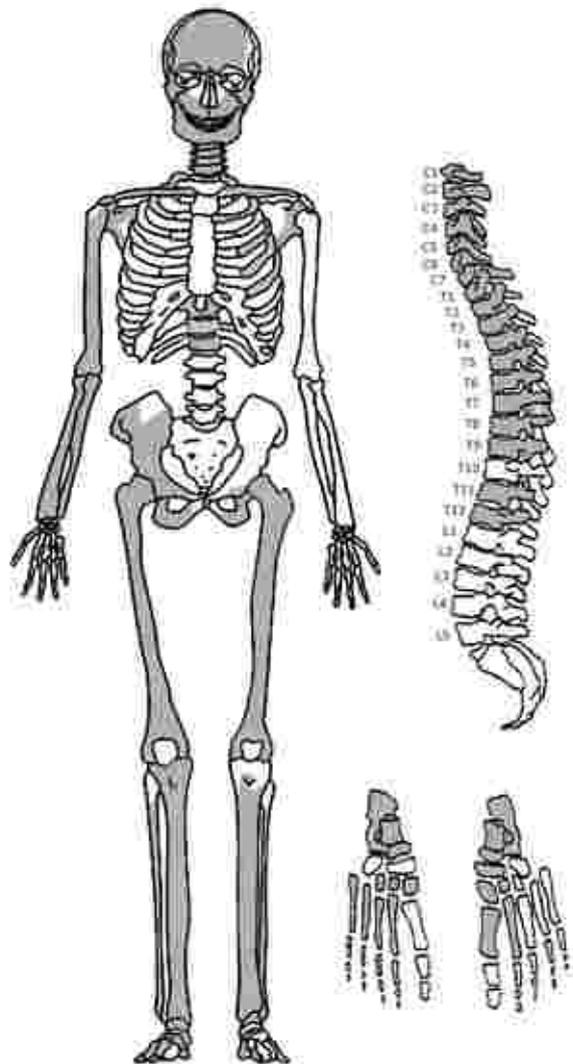
Trauma Musculo-skeletal stress

SK 503**Young Adult****Male: 162.74 ± 2.99 cm****Burial Position and Details:**

Plan No: 22E

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing south-west. The right arm was extended with the hands positioned by the side of the body. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	1	1	0	0	0	2	2	2	2	2	1	1	2	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	N/P	2	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	1	N/P	0	0	2	2	2	2	2	1	1	2	1	1

Dental Disease

Antemortem Tooth Loss

SK 503 exhibits antemortem tooth loss of a mandibular premolar. Complete secondary resorption of the alveolar process at the affected tooth site has occurred.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	N/R				N/R	0			
C3	N/R	0	0	0				N/R	N/R			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	N/R			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T2	0	0	0	0	0	N/R	N/R	0	0	0	0	N/R
T3	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T4	0	N/R	0	0	0	N/R	N/R	0	0	N/R	N/R	N/R
T6	N/R	5	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T7	N/R	5	0	0	0	0	N/R	0	0	0	0	N/R
T8	5	5	0	0	0	N/R	N/R	0	0	N/R	N/R	N/R
T9	5	5	0	0	0	0	N/R	0	0	N/R	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	N/R	N/R	0	0	0			0	0	N/R		

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T8 and T9. A Schmorl's node of moderate expression is present at the vertebral body of T7.

*Congenital**Bifid Neural Arch*

The cervical vertebra C6 exhibits a bifid neural arch.

SK 503: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, calculus, dental attrition
Vertebral Schmorl's nodes
Congenital Bifid neural arch

SK 504

Middle Adult

Male: 156.5 ± 2.99 cm

Burial Position and Details:

Plan No: 22D

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together. SK504 was found in association with find F48: two mid-Medieval coins found just above the left knee

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/R	2	2	1	2	1	1	1	1							
Calculus	N/R	1	N/R	1	2	1	1									
Caries	N/R	0	N/R	0	2	3	2									
Abscess	N/R	0	0	0	0	0	0	0	0							
Cyst	N/R	0	0	0	0	0	0	0	0							
E.Hypoplasia	N/R	0	N/R	0	0	0	0									
Period. Dis.	N/R	2	2	2												
Attrition	N/R	1	N/R	1	2	2	1									

*Dental Disease**Caries*

Tooth 36: 3 carious lesions present on the mesial, distal and buccal aspects of the neck of the tooth respectively.

Tooth 37: One large carious lesion present affecting the distal, buccal and lingual aspects of the neck of the tooth.

Tooth 38: 2 medium sized carious lesions present at the mesial and buccal aspects of the neck of the tooth respectively.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	0	0	0	0	0	0	N/R	0	0	0	N/R	N/R
T2	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R	N/R
T3	0	0	0	0	0	0	3, 4	0	0	0	0	0
T4	0	5	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	3, 4	0	0	0	0	0
T6	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T8	5	5	0	0	0	3	3, 4	0	0	0	0	3, 4
T9	0	5	0	0	0	N/R	3, 4	0	0	0	4	3
T10	0	0	0	3	0			0	0	0		
T12	5	0	3	3	0			0	0	0		
L1	5	0	0	3				0	0			
L2	N/R	N/R	N/R	0				0	0			
L3	N/R	N/R	0	0				0	0			
L4	N/R	N/R	0	0				0	N/R			
L5	N/R	N/R	0	3				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T4, T8, T9 and T12. A Schmorl's node of moderate expression is present at the vertebral body of L1.

Joint

SK504 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Left Humeral Head
<i>Ribs</i>	Marginal osteophytes, surface porosity	3x Left Costal Facets 3x Right Costal Facets
<i>Hip</i>	Marginal osteophytes	Left and Right Acetabulum and femoral heads

Ankylosis

Ankylosis is observable at the left sacro-iliac joint.

SK 504: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, DJD
<i>Joint</i>	DJD, Osteoarthritis, Ankylosis at sacro-iliac joint

SK 505**Middle Adult****Female: 160.2cm****Burial Position and Details:**

Plan No: 22D

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing north-east. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	N/P	N/R	1	0	1	1	1	0	1	1	1	3	N/P	N/P
Period. Dis.	N/P	3	0	0	0	0	1	1	1	1	1	1	1	3	N/R	N/P
E.Hypoplasia	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P
Caries	N/P	2	N/P	3	1	1	0	0	0	0	0	1	1	1	N/P	N/P
Calculus	N/P	1	N/P	N/R	1	1	1	1	1	1	1	1	1	1	N/P	N/P
	N/P	1	2	5	1	1	1	1	1	1	1	1	1	1	2	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	5	1	1	1	1	1	2	2	2	1	1	2	2	2
Calculus	N/P	N/P	N/R	1	1	2	1	1	N/P	N/P	N/P	1	1	N/P	N/P	N/P
Caries	N/P	N/P	3	2	2	0	0	0	N/P	N/P	N/P	0	0	N/P	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/R	0	0	0	0	0	N/P	N/P	N/P	0	0	N/P	N/P	N/P
Period. Dis.	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1
Attrition	N/P	N/P	N/R	1	1	1	1	1	N/P	N/P	N/P	1	1	N/P	N/P	N/P

Dental Disease

Antemortem Tooth Loss

SK 505 exhibits antemortem tooth loss of 2 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries

Tooth 13: Small carious lesion present on buccal and distal aspect of neck of tooth

Tooth 14: Small carious lesion present on medial aspect of neck of tooth

Tooth 15: Large carious lesion present which has eroded the entire tooth crown so that only the tooth root remains

Tooth 17: Medium –sized carious lesion present on medial aspect of neck of tooth

Tooth 24: Small carious lesion present on distal aspect of neck of tooth

Tooth 25: Small carious lesion present on medial aspect of neck of tooth corresponding to carious lesion at Tooth 24

Tooth 26: Small sized carious lesion present at medial aspect of tooth crown

Tooth 44: Two small sized carious lesion present on the medial and distal aspects of the neck of the tooth respectively

Tooth 45: Two small sized carious lesion present on the medial and distal aspects of the neck of the tooth respectively

Tooth 46: Large carious lesion present which as eroded the entire tooth crown so that only the medial tooth root remains

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3, 4	0	0				0	0			
C2	0	3	0	3				0	0			
C3	3, 4	3, 4	0	4				0	0			
C4	3, 4	3, 4	2, 3, 4	0				0	0			
C5	3, 4	3, 4	0	0				0	0			
C6	3, 4	4	0	0				0	0			
C7	0	0	0	0				0	0			
T1	3	0	0	0	3, 4	0	N/R	0	0	3, 4	0	3, 4
T2	0	0	0	0	3, 4	0	0	0	0	0	N/R	N/R
T3	0	0	0	0	0	N/R	3	0	0	0	0	N/R
T4	0	3, 4	0	0	N/R	0	3	0	0	N/R	0	N/R
T5	0	3, 4	0	0	0	0	3	0	0	0	0	0
T6	0	3, 4	0	0	0	0	0	0	0	0	0	N/R
T7	3	3, 4	0	0	0	0	0	0	N/R	N/R	4	N/R
T8	0	4	0	0	0	0	N/R	0	N/R	0	0	N/R
T9	0	4	0	0	0	0	3	0	0	0	0	N/R
L1	4, 5	3, 4, 5	N/R	N/R				N/R	N/R			
L2	3, 4, 5	3, 4	0	0				0	3, 4			
L3	3	3, 4	0	0				0	N/R			
L4	3, 4	3	0	0				3	0			
L5	3, 4	3, 4	0	0				3	0			
L6	3, 4	0	3	3, 4				0	3, 4			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of L1 and L2.

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are present in the form of surface porosity, marginal osteophytes and. Erosive lesions indicative of osteochondrosis are present at the inferior body of L1.

Joint

SK 505 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left Temporal and Mandibular condyle
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Right Clavicle and Acromion process
<i>Ribs</i>	Marginal osteophytes, surface porosity	Left and Right 1 st Rib head 2x Right Costal facets Left proximal ulna
<i>Elbow</i>	Marginal osteophytes	Right scaphoid, lunate, trapezoid, trapezium and hamate Left and Right Acetabulum
<i>Wrist</i>	Surface porosity, marginal osteophytes, eburnation	Left and Right Femoral Condyles and Tibial Condyles
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Right Patella Unsided intermediate phalanx (proximal articular surface)
<i>Knee</i>	Surface porosity, marginal osteophytes, eburnation	
<i>Foot</i>	Marginal Osteophytes	

Congenital

Symphalangism

Congenital fusion of two unnumbered foot phalanges (intermediate and distal) is observable. Lesions indicative of DJD are also observable in the form of marginal osteophytes at the proximal articular surface of the intermediate foot phalanx.

SK 505: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, intervertebral osteochondrosis
<i>Joint</i>	Osteoarthritis, DJD
<i>Congenital</i>	Symphalangism

SK 506

Middle Adult Male

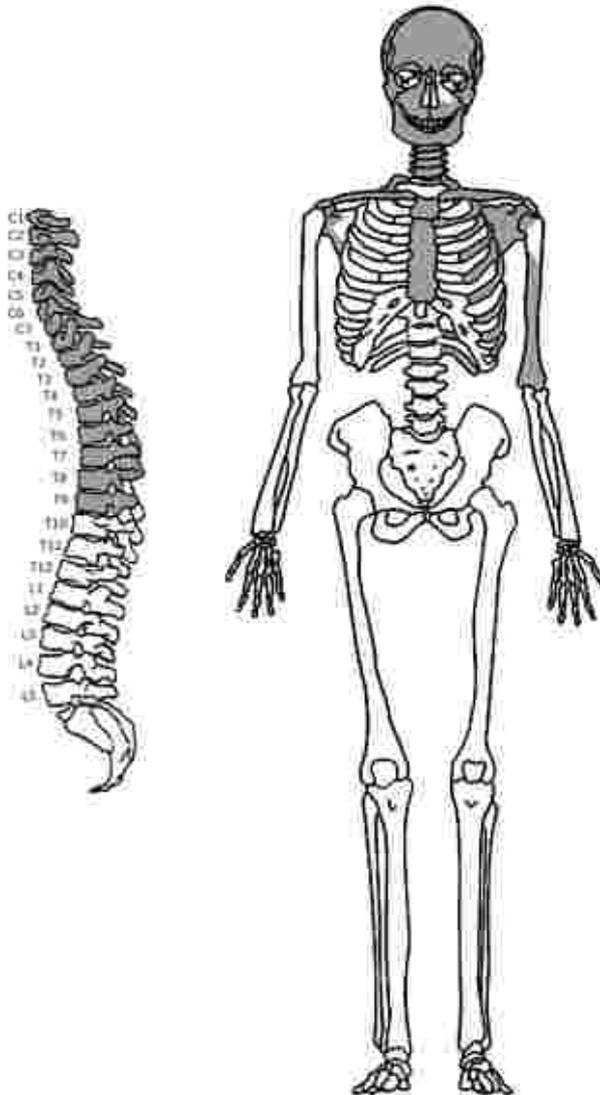
Burial Position and Details:

Plan No: 22D

Area No: 8

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The skull was positioned on the left side. The left arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	3	0	0	2	2	2	2	2	2	2	2	3	N/P	N/P
Period. Dis.	3	3	3	0	0	0	0	0	0	0	0	0	0	2	3	3
E.Hypoplasia	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	0	N/R	N/P	N/P
Cyst	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	N/P	2	0	0	0	0	1	0	0	0	0	0	2	N/P	N/P
Calculus	N/P	N/P	0	0	0	1	1	1	1	1	1	1	1	0	N/P	N/P
	4	4	1	1	1	1	1	1	1	1	1	1	1	1	4	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	N/P	1	1	N/P	1	1	1	1	1	1	1
Caries	0	0	1	0	0	N/P	0	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/P	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	N/R	0	0	N/R	0	0	0	0	0	0	0
Attrition	2	2	3	2	2	N/P	2	2	N/P	2	2	2	2	3	2	2

Dental Disease

Antemortem Tooth Loss

SK 506 exhibits antemortem tooth loss of 4 maxillary molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Trauma

Tooth 11 appears to have been broken antemortem. The mesial aspect of the tooth crown exhibits secondary dentine and overlaying calculus of the exposed pulp cavity, indicating this tooth was broken in life; the cyst exhibited at the apex of the tooth root could be sequelae of this incident

Caries, Cyst

Tooth 11: Slight carious lesion present at the tooth crown with associated cyst at tooth site.

Tooth 16: Medium-sized carious lesion present at tooth crown

Tooth 26: Medium-sized carious lesion present at tooth crown

Tooth 46: Medium-sized carious lesion present at tooth crown

Cranial Pathology*Metabolic**Cribra Orbitalia (CO)*

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate, middle-medial and middle-lateral sector of the right orbital roofs. Type 2 (scattered fine foramina) CO is exhibited in the middle-lateral, middle intermediate and poster-intermediate sector of the left orbital roof.

Post Cranial Pathology*Infection**Abnormal Bone Loss: Possible Cyst*

SK 506 exhibits abnormal unifocal bone loss on the visceral surface of the left 12th rib adjacent to the rib head. The lesion is less than 1cm in diameter and the bone loss extends to the endosteal surface. The boundary of the lesion is circumscribed with sclerotic bone.

SK 506: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental cyst, periodontal disease, calculus, dental attrition, antemortem tooth damage
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific: Abnormal bone loss

SK 508

Adult

Sex Not Recordable

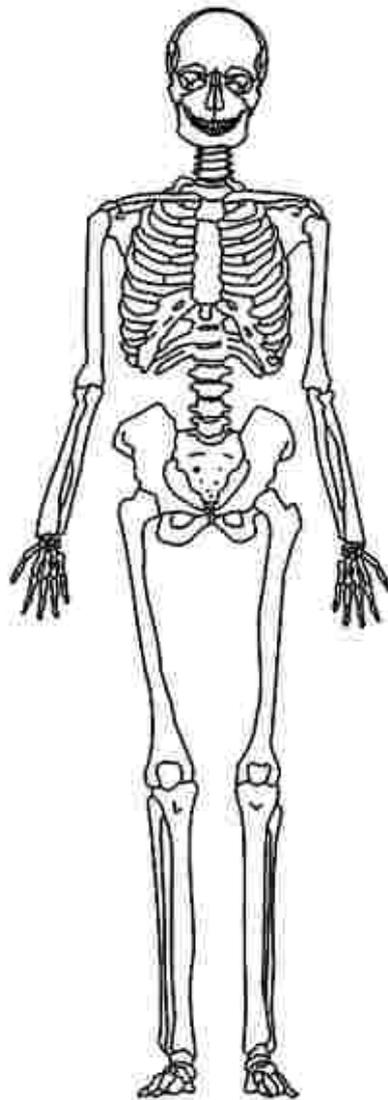
Burial Position and Details:

Plan No: 28

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited in the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

SK 508: Palaeopathological Summary and Differential Diagnoses

Metabolic Porotic Hyperostosis

SK 510

Middle Adult

Male

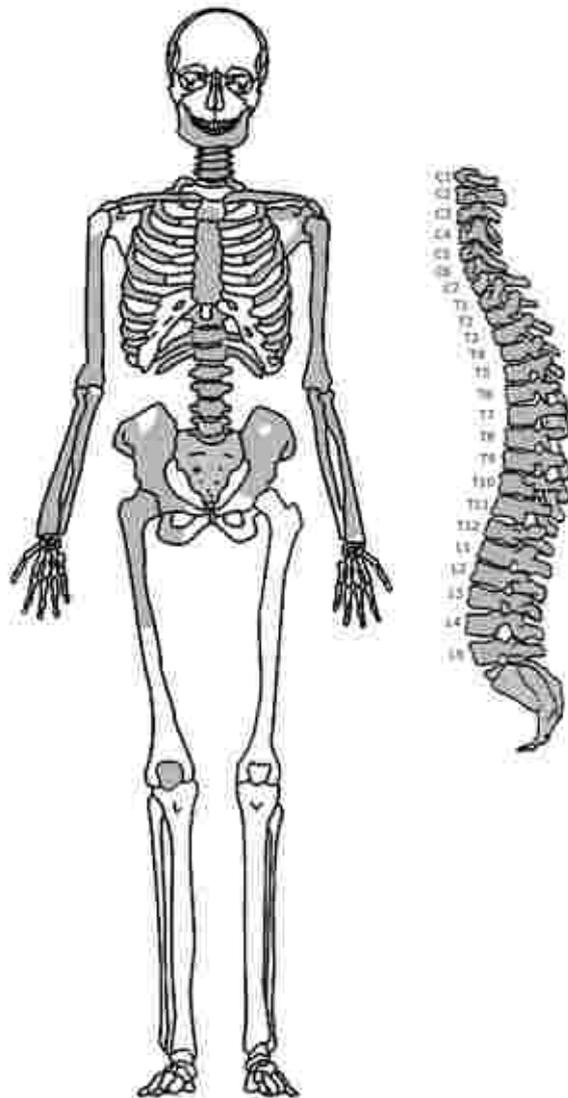
Burial Position and Details:

Plan No: 36

Area No: 23

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms and the right upper leg were extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	1													
Period. Dis.	N/P	1	1													
E.Hypoplasia	N/P	0	0													
Cyst	N/P	0	0													
Abscess	N/P	0	0													
Caries	N/P	0	0													
Calculus	N/P	1	1													
	N/P	1	1													
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Calculus	N/P	1	1	1	1	0	N/P	1	1	1	1	1	1	1	1	1
Caries	N/P	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0
Period. Dis.	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	0	1	1	1
Attrition	N/P	2	3	1	1	0	2	2	2	2	2	1	1	2	2	1

Dental Disease

Congenital Abnormalities of the Teeth: Compacted Mandibular Canine

Tooth 43: this tooth has erupted at a lingual angle so that the tooth is compacted and was unlikely to have been of use to the individual; no wear is observable on the tooth in comparison to moderate to severe dental wear of all remaining observable teeth suggesting that this tooth was not involved in mastication and/or other activity in life.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Schmorl's Node

A Schmorl's node of marked expression is present at the vertebral body of T12.

Infection

Reactive Bone Formation

SK 510 exhibits a periosteal reactive lesion of the right ulna. Reactive bone deposits in the form of sclerotic bone are present on the anterior aspect of the proximal ulnar shaft. Sclerosis of this lesion indicates healing took place before the time of death.

SK 510: Palaeopathological Summary and Differential Diagnoses

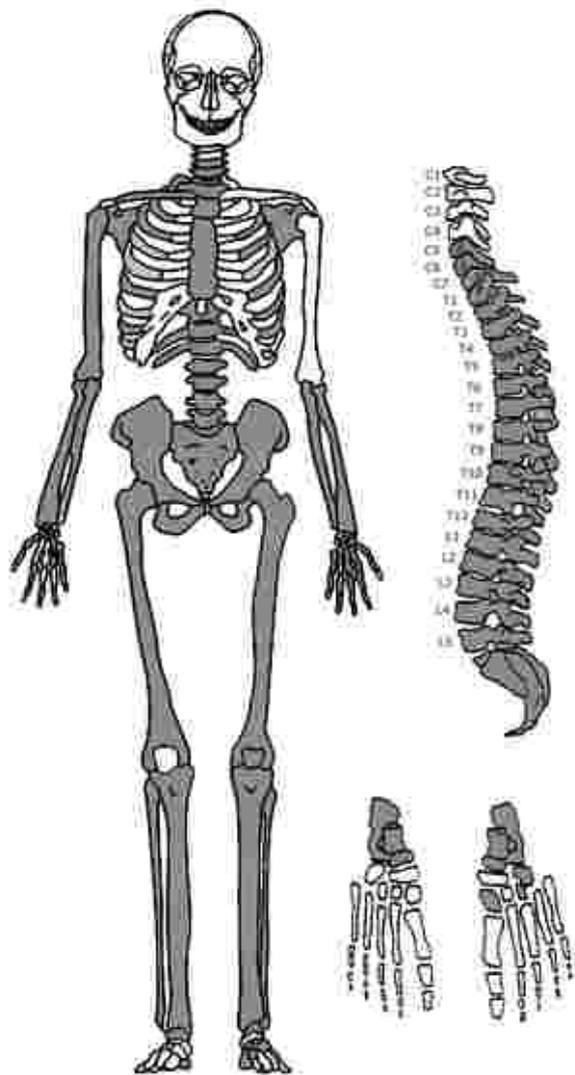
Dental Tooth impaction, periodontal disease, calculus, dental attrition
Vertebral Schmorl's node, intervertebral osteochondrosis
Infection Non-specific: Reactive bone deposits

SK 511**Young Adult****Female: 160.36 ± 3.55 cm****Burial Position and Details:**

Plan No: 28

Area No: Not specified

Orientation not specified: simple, extended supine burial of good completeness and moderate preservation. SK511 was found in association with the foetal remains of SK512 and SK513 which were positioned over the right side of SK511's remains.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	N/R	0	0	0	N/R	N/R	N/R
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	N/R	0	0	0	0	0	N/R	0	0	0	N/R	0
T5	N/R	0	0	0	N/R	0	N/R	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	N/R	N/R
T7	N/R	N/R	0	0	0	0	N/R	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	N/R	N/R	0
T9	N/R	N/R	0	0	0	0	0	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	5	0	0				0	0			
L2	5	5	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of L1 and L2.

SK 511: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 520	Middle Adult	Female: 160.09 ± 3.55 cm
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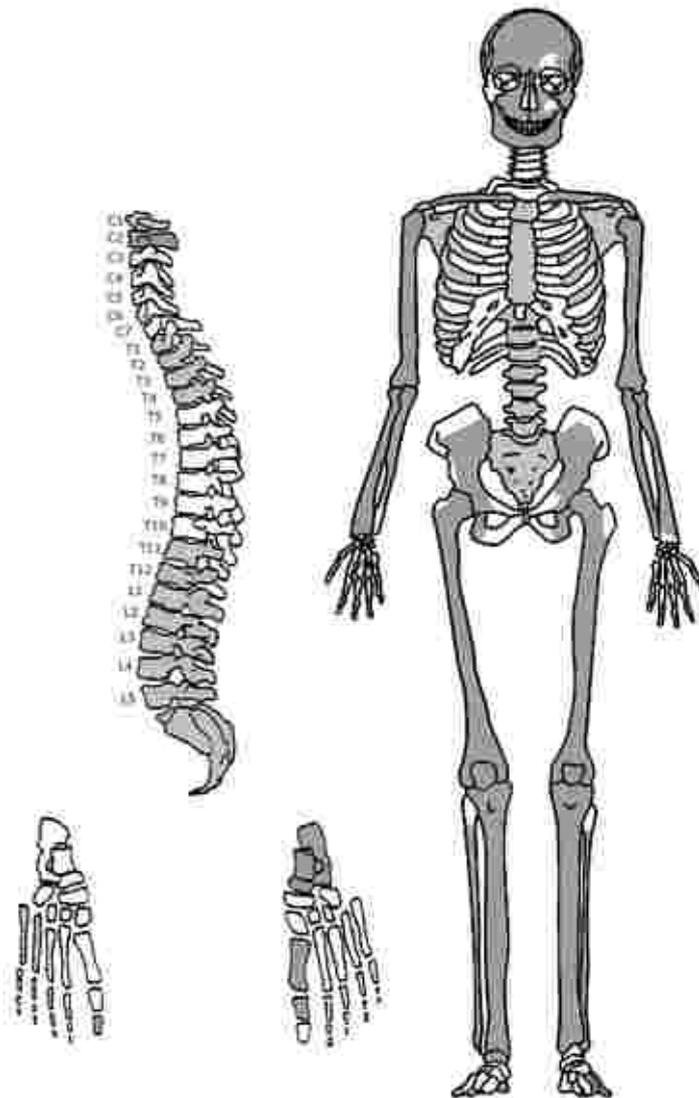
Burial Position and Details:

Plan No: 22F

Area No: 8/12

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The skull was positioned facing north-west. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	1	3	2	2	2	1	2	2	N/P	2	N/P	2	0	N/P	N/P	
Period. Dis.	N/P	1	0	0	0	0	0	0	0	0	0	0	0	P	1	N/P	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	N/P	0	N/P	0	0	N/P	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	1	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Caries	N/P	0	0	0	0	0	0	0	0	N/P	0	N/P	0	0	N/P	N/P	
Calculus	N/P	2	2	2	1	1	2	1	1	N/P	1	N/P	2	2	N/P	N/P	
		6	1	1	1	1	1	1	1	1	2	1	2	1	1	2	6
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		6	1	1	1	1	1	1	1	1	1	1	1	1	4	1	6
Calculus	N/P	2	1	2	2	1	2	2	2	2	2	2	2	1	N/P	1	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	N/P
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	N/P
Attrition	N/P	1	3	1	1	1	2	2	2	2	2	2	2	2	N/P	2	N/P

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

SK 520 exhibits an overbite of the anterior teeth and cross bite of the molars. Severe attrition on the first molars but very little attrition on the second molars is a result of the cross bite.

Cranial Pathology

Metabolic

Cribrra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral and antero-intermediate sector of the right orbital roof.

Infection

A small geographic perforation is observable on the glabella of the left frontal. The lesion measures 2.0 mm supero-inferiorly, by 3.2 mm medio-laterally. An associated possible ossified cyst is also observable at the left frontal sinus.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 520 exhibits periosteal reactive lesions of the left and right tibia and the right femur. Reactive bone deposits in the form of woven bone are present at the medial aspect of the proximal right femur. Sclerotic bone is present at the posterior aspect of the distal right and left tibiae. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Joint

Osteochondritis Dissecans

Subchondral unifocal bone loss indicative of localised avascular necrosis is present at the trochlear subchondral surface of the right talus. The boundary of this lesion is well-defined but with no sclerosis.

Miscellaneous

Abnormal Bone loss

A second lesion of abnormal bone loss is observable at the right 1st proximal foot phalanx. This lesion presents as multifocal bone loss (2 foci) at the proximal articular surface. The boundaries of both lesions are well-defined but with no sclerosis.

SK 520: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition, overbite and cross-bite
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific: Reactive bone deposits, Ossified cyst
<i>Joint</i>	Osteochondritis Dissecans
<i>Miscellaneous</i>	Abnormal bone loss

SK 521	Adult	Sex Not Recordable
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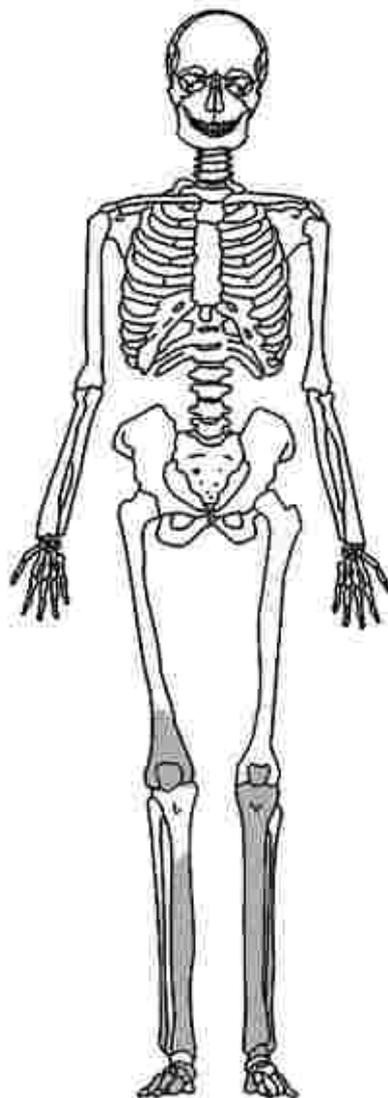
Burial Position and Details:

Plan No: 35

Area No: 22

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 521: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 524**Young- Adult****Probable Female****Burial Position and Details:**

Plan No: 31F

Area No: 10

W-E orientation; simple, crouched burial on right side of good completeness and moderate preservation. The right arm was flexed at the elbow crossing the torso with the right hand positioned over the legs. Both legs were flexed upwards towards the body with the feet together at right angles to the legs.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	0				0	0			
C3	0	0	0	0				N/R	N/R			
C4	0	0	0	0				N/R	N/R			
T1	0	0	N/R	N/R	N/R	0	N/R	0	N/R	N/R	N/R	0
T4	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T5	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	N/R	N/R
T6	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T7	N/R	0	N/R	N/R	0	4	N/R	N/R	N/R	N/R	N/R	N/R
T8	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	0	N/R
T9	N/R	N/R	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T10	N/R	5	0	0	0			0	0	0		
T11	5	5	0	0	4			0	0	N/R		
T12	5	0	0	N/R	0			0	0	0		
I 1	N/R	N/R	0	0				0	0			
L2	N/R	N/R	0	N/R				0	0			
L3	N/R	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	3	3	N/R	N/R				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T10 and T12. A

Schmorl's node of moderate expression is present at the vertebral body of T11.

Joint

SK 524 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Ribs</i>	Marginal osteophytes, surface porosity	2x Left Costal Facets 2x Right Costal Facets

SK 524: Palaeopathological Summary and Differential Diagnoses

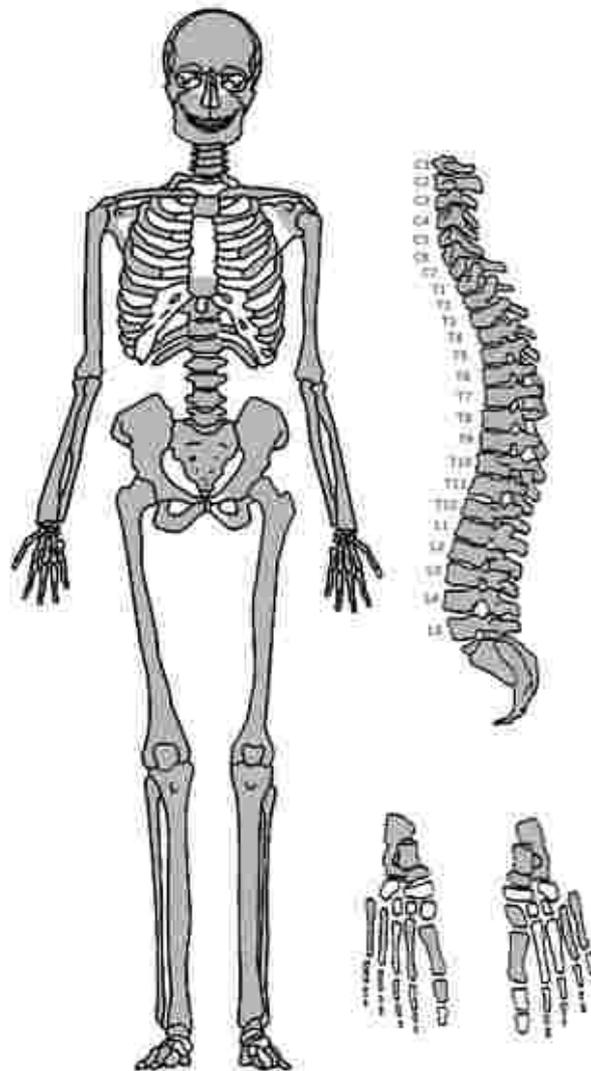
Vertebral Schmorl's nodes
Joint DJD

SK 527**Young Adult****Female: 155.11 ± 3.55 cm****Burial Position and Details:**

Plan No: 31G

Area No: 10

Orientation not specified: simple, extended supine burial of good completeness and good preservation. Both the arms and the legs were extended with the hands on either side of the body and the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	N/R	N/R	0	0	0	0	1	1	0	0	0	0	N/R	1	1
Period. Dis.	N/R	0	0	0	0	0	1	N/R	1	1	1	0	1	N/R	0	0
E.Hypoplasia	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Calculus	N/R	1	1	1	1	0	0	0	0	0	0	1	1	N/R	1	1
	2	1	4	1	1											
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	1	1	2	1	1	1	1	0	1	0	0	0	0
Attrition	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Dental Disease

Antemortem Tooth Loss

SK 527 exhibits antemortem tooth loss of an upper 1st molar secondary to a large cyst at the tooth site. Partial secondary resorption of the alveolar process has occurred at the affected tooth site.

Cyst/ Abscess

Tooth 26: A large cyst/ abscess is present at the tooth site which has resulted in antemortem tooth loss of tooth 26.

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the middle-intermediate sector of the right orbital roof. Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral middle-lateral sector of the left orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	0	0	0	0	0	0	N/R
T2	0	0	0	0	0	0	0	0	0	0	0	N/R
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	N/R	N/R	0	0	0	0	N/R
T6	0	0	0	0	N/R	0	3	0	0	0	0	N/R
T7	0	0	0	0	0	0	3	0	0	N/R	0	N/R
T8	4	4	0	0	0	0	3	0	0	0	0	3
T9	4	0	0	0	0	0	3	0	0	0	0	0
T10	4	4	0	0	4			0	0	0		
T11	4	4	0	3	4			0	0	3		
T12	4	4	0	0	0			0	3	3		
L1	4	4	0	0				3	0			
L2	4	4	0	0				0	0			
L3	4	4 + 5	0	0				0	0			
L4	4	3, 4, 5	3	0				0	0			
L5	3, 4, 5	2,4	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of L3, L4 and L5.

Infection

Non-specific reactive bone formation

Reactive bone deposits in the form of woven bone are observable at the distal left fibula.

Congenital

Supernumerary Vertebra

S6 is present.

SK 527: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, dental cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, intervertebral osteochondrosis
<i>Metabolic</i>	Porotic Hyperostosis, CO
<i>Infection</i>	Reactive bone deposits
<i>Congenital</i>	Supernumerary vertebra

SK 529

Adult

Sex Not Recordable

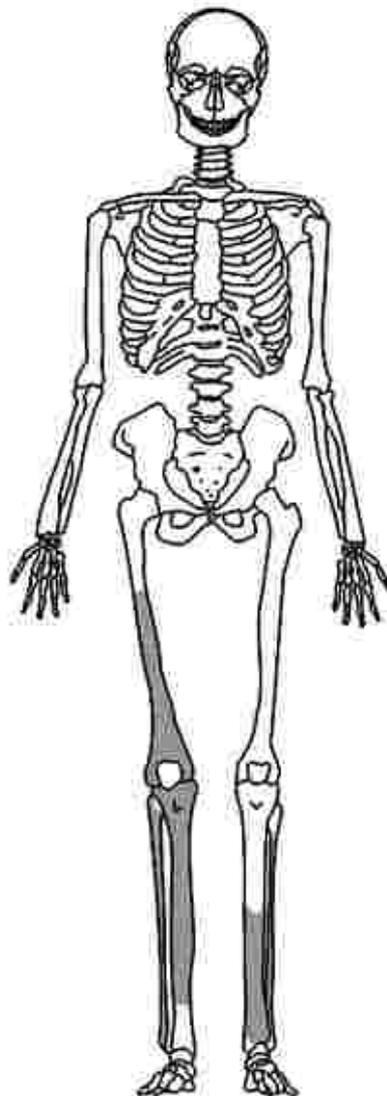
Burial Position and Details:

Plan No: Not specified

Area No: 15

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Joint

Osteochondritis Dissecans

Subchondral unifocal bone loss indicative of localised avascular necrosis is present at the medial condyle of the left femur. Healing in the form of sclerotic bone formation is also present which appears to have partially in-filled the lesion.

SK 529: Palaeopathological Summary and Differential Diagnoses

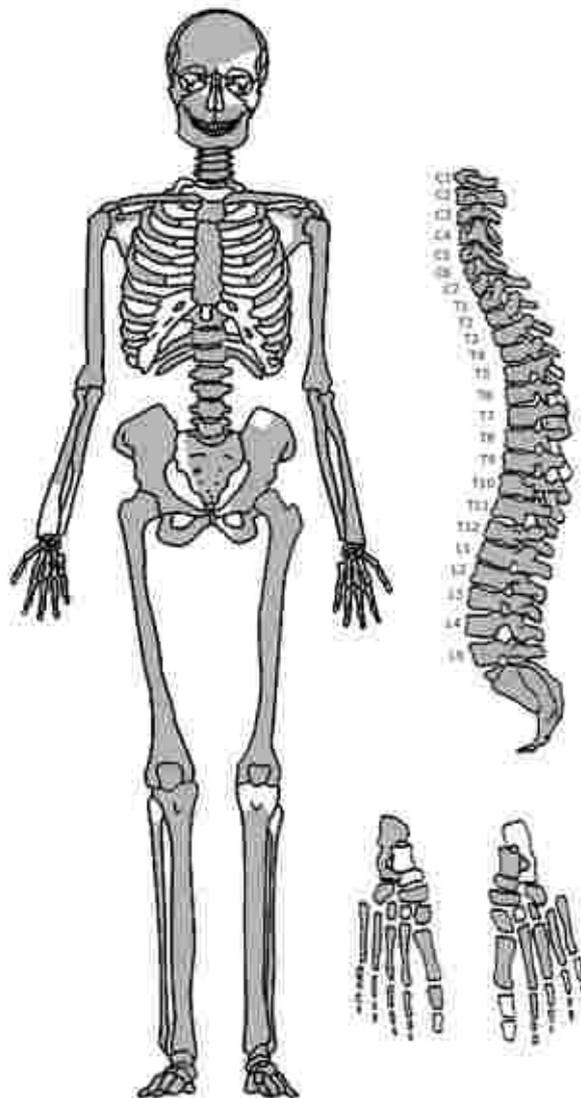
Joint Osteochondritis Dissecans

SK 530**Middle Adult****Male: 176.78 ± 2.99 cm****Burial Position and Details:**

Plan No: 27

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both the arms and legs were extended with the right hand positioned over the right pelvis and the left hand by the side of the body and the feet together.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	N/P	1	N/R	1	1	2	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P
Period. Dis.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	N/P	0	N/R	0	0	0	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	0	N/P	1	N/R	0	0	0	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P
Calculus	N/P	1	N/P	1	N/R	1	1	1	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P
	2	1	2	1	5	1	1	1	2	2	2	2	1	2	2	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	0	0
Attrition	2	2	2	1	1	2	2	2	2	2	1	0	1	2	1	1

Dental Disease

Caries

Tooth 13: Small carious lesion present at the distal aspect of the neck of tooth

Cranial Pathology

Infection

Reactive Bone Formation

SK 530 exhibits a periosteal reactive lesion at the right maxilla. Reactive bone deposits in the form of sclerotic bone are present at the posterior aspect of the maxilla. Sclerosis of this lesion indicates healing took place before the time of death.

*Trauma**Sharp-force trauma*

A healed sharp-force wound is present at the left frontal orientated approximately anterior-posterior. The lesion is linear in shape measuring 27.92mm anterior-posterior and 3.43mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the wound site.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	3, 4	0	0				0	0			
C6	4	3, 4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	0	0	0	0	4	4	N/R	0	0	0	0	0
T2	0	0	N/R	N/R	0	N/R	N/R	0	0	0	0	0
T3	0	0	0	0	0	N/R	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	N/R	0	N/R
T5	0	0	0	0	0	0	0	0	0	0	0	N/R
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	N/R
T8	0	0	0	0	0	0	0	0	N/R	0	0	N/R
T9	0	3, 4	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	4			0	0	4		
T11	3	5	0	0	0			0	0	0		
T12	5	5	N/R	N/R	N/R			N/R	N/R	0		
L1	0	3	N/R	0				0	0			
L2	3, 5	3, 5	0	3				0	0			
L3	3, 5	3	3	0				0	0			
L4	0	0	3, 4	0				0	3			
L5	0	3	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11 and T12. A Schmorl's node of moderate expression is present at the vertebral body of L3 with a further Schmorl's node of marked expression present at the vertebral body of L3.

Infection

Reactive Bone Formation

SK 530 exhibits periosteal reactive lesions of the left tibia and fibula. Reactive bone deposits in the form of both woven and sclerotic bone are present at the lateral aspect of the mid-shaft of the tibia. Corresponding sclerotic bone is present at the medial aspect of the mid-shaft of the fibula. Sclerosis of some of these lesions indicates that a degree of healing took place before the time of death.

Trauma

Dislocation and septic arthritis

A severe unreduced dislocation is observable at the left knee joint. The dislocation has resulted in posterior and superior displacement of the tibia. Secondary ankylosis has occurred at the distal femur and proximal tibia and the proximal fibula and proximal tibia. The patella has also become displaced from normal anatomical position in the knee joint and has fused to the anterior aspect of the lateral condyle of the femur. The level of healing indicates this injury was long-standing. Ankylosis of the knee would have rendered the joint useless in life. Shortening of the affected limb is a certain outcome however the extent of this cannot be assessed due to post-mortem damage.

A slipped epiphyseal fracture is evident in the right humerus. Secondary osteoarthritis in this location, would have inhibited the normal movement of the joint.

Three corresponding rib fractures of unknown type are present at the bodies of three right ribs adjacent to the rib angle. The fracture lines are no longer evident in all three cases due to extensive callus formation.

Joint

SK 530 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left and Right Temporal
<i>Sternoclavicular</i>	Surface porosity, subchondral bone loss	Left and Right Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, surface porosity, eburnation	Left and Right glenoid fossa and humeral head
<i>Ribs</i>	Surface porosity	2x Left Costal Facets
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Left and Right Acetabulum
<i>Knee</i>	Marginal osteophytes, ankylosis	Left and Right femoral condyles and tibial condyles
<i>Ankle</i>	Marginal osteophytes	Left and right tibia
<i>Foot</i>	Marginal osteophytes	Left 3 rd cuneiform

*Congenital**Symphalangism*

Congenital fusion of two right unnumbered foot phalanges (intermediate and distal) is observable.

SK 530: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	Osteoarthritis DJD
<i>Infection</i>	Non-specific: Reactive bone deposits
<i>Trauma</i>	Dislocation, Fractures, Sharp-force cranial trauma
<i>Congenital</i>	Symphalangism

SK 532**Young Adult****Female: 152.17 ± 3.55 cm****Burial Position and Details:**

Plan No: 25C

Area No: 4

Orientation not specified: simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Period. Dis.	3	3	3	1	1	1	1	1	1	1	1	1	1	2	1	1
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	2	2	3	1	1	1	1	1	1	1	2	1	1	3	2	2
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	2	4	2	1	1	1	4	1	1
Calculus	2	3	3	2	2	2	2	N/R	N/R	N/R	1	1	1	N/R	2	1
Caries	0	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	N/R	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	N/R	0	0
Period. Dis.	3	3	3	2	1	1	1	N/R	N/R	N/R	1	1	1	N/R	1	1
Attrition	0	1	2	1	1	1	1	N/R	N/R	N/R	1	1	1	N/R	1	1

Dental Disease

Antemortem Tooth Loss

SK 532 exhibits antemortem tooth loss of a mandibular central incisor and first molar. Complete secondary resorption of the alveolar process has occurred at the tooth site of Tooth 36 with only partial resorption of the tooth socket of Tooth 31.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate sector of the left orbital roof and the antero-medial sector of the right orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the frontal, parietals and occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	3	0	0	4				0	4			
C3	0	0	0	0				0	0			
C4	0	3, 4	0	0				0	3			
C5	4	3,4	0	0				3	0			
C6	3,4	0	0	0				0	0			
C7	4	0	0	0				0	0			
T1	0	0	0	0	4	0	0	0	0	4	0	0
T2	0	3	0	4	0	0	0	0	3,4	0	0	0
T3	0	3	0	4	0	0	0	4	4	0	0	0
T4	3,4	0	0	4	0	0	N/R	0	0	0	0	0
T5	3	4	4	0	0	0	3	0	0	0	N/R	N/R
T6	0	3	4	0	0	N/R	0	4	0	0	N/R	0
T7	3	3	0	0	0	N/R	3	0	0	0	0	0
T8	3	0	0	N/R	0	0	N/R	0	0	0	N/R	0
T9	3	3	0	0	0	0	0	0	0	0	0	N/R
T10	3	0	N/R	0	0			0	0	0		
T11	0	0	0	0	0			0	0	4		
T12	0	0	3	4	4			0	3,4	0		
I 1	0	3	3,4	3,4				3	3,4			
L2	3	0	3	3,4				3,4	3,4			
I 3	0	0	3,4	3,4				3	3,4			
I 4	0	3	3	0				3	0			
L5	3	3,4	3	3				3	0			

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of L5 and S1.

*Infection**Reactive Bone Formation*

SK 532 exhibits periosteal reactive lesions of the left calcaneus and sacrum. Reactive bone deposits in the form of woven bone are present at the lateral aspect of the calcaneus. An extensive mixed reaction of both woven and sclerotic bone is present on the anterior vertebral bodies of S1, S2, S3 and S4 of the sacrum. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Joint

SK 532 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity, eburnation	Right and left mandibular condyles
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Right Humeral Head
<i>Elbow</i>	Marginal osteophytes	Left and right distal humerus
<i>Wrist</i>	Surface porosity	Right distal radius
<i>Hand</i>	Marginal osteophytes	Left MC2 and MC3 (proximal articular surfaces)
<i>Hip</i>	Periarticular resorptive foci, surface porosity	Right Acetabulum and femoral head

SK 532: Palaeopathological Summary and Differential Diagnoses

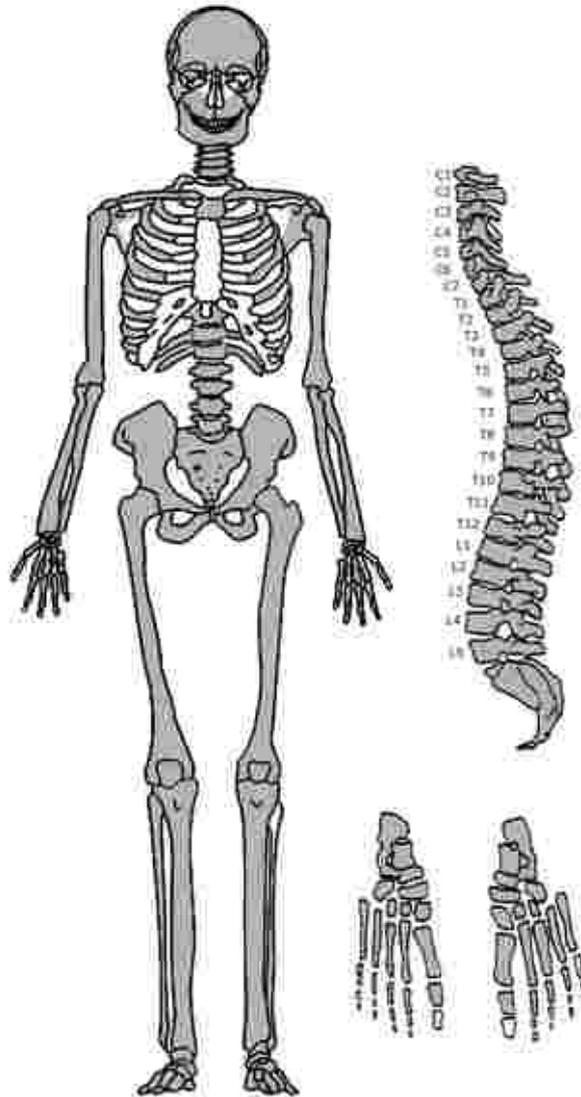
<i>Dental</i>	Antemortem tooth loss, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	Porotic Hyperostosis, CO
<i>Infection</i>	Non-specific: Reactive bone deposits

SK 533**Middle Adult****Male: 170.28 ± 2.99 cm****Burial Position and Details:**

Plan No: 30C

Area No: 4

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned upright. Both arms and the legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	3	2	2	2	2	2	2	2	2	1	N/P	2	N/R	N/P
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R	3	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P	0	N/R	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P	0	3	N/P
Calculus	N/P	3	2	1	1	1	1	1	1	1	1	2	N/P	2	N/R	N/P
	N/P	1	1	1	1	1	1	1	1	1	1	1	2	1	5	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	2	1	1	1	1	2	2	2	1	1	1	1	1	N/P
Calculus	2	2	N/P	2	1	3	3	N/P	N/P	N/P	3	2	1	2	3	N/P
Caries	0	0	N/P	0	1	0	0	N/P	N/P	N/P	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	0	0	N/P	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	N/P
Period. Dis.	0	0	0	0	N/R	0	0	0	0	0	0	0	0	0	0	N/P
Attrition	1	2	N/P	2	3	2	1	N/P	N/P	N/P	2	1	2	2	2	N/P

Dental Disease

Caries

Tooth 44: Small carious lesion present on the mesial aspect of the neck of the tooth

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, antero-intermediate and middle-lateral sector of the left and right orbital roofs.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3, 4	3, 4	0	0				0	0			
C2	0	4	0	3, 4				0	0			
C3	3, 4	3, 4	3, 4	0				4	0			
C4	3, 4	3, 4	0	0				0	0			
C5	3, 4	3, 4	0	0				0	0			
C6	3, 4	4	0	0				0	0			
C7	4	0	0	0				0	0			
T1	0	0	0	0	4	0	4	0	0	0	0	4
T2	0	0	0	0	0	N/R	3	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	4	0	4	0	0	0	0	0	0	3
T5	0	0	0	4	0	0	3	0	4	0	0	3
T6	0	0	0	4	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	3	0	0	0	0	3	0	0	0	0	3
T9	3, 4	3	0	0	0	0	4	0	0	0	0	3
T10	3	0	0	4	0			0	0	0		
T11	0	0	0	0	4			0	0	4		
T12	0	0	0	3	3, 4			0	0	3, 4		
L1	0	0	0	0				0	3, 4			
L2	3	0	3	3, 4				3	3			
L3	3	3, 4	3	3				3, 4	3			
L4	3, 4	3, 4	3	0				3	3			
L5	3, 4	4	3	3				3	3			

*Infection**Reactive Bone Formation*

SK 533 exhibits extensive periosteal reactive lesions of the majority of the left ribs. Reactive bone deposits in the form of sclerotic bone are present at the visceral surface of the bodies of the 2nd to 10th ribs adjacent to the rib necks. Sclerosis of these lesions indicates healing took place before the time of death.

Joint

SK533 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left and right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left acromion process Left and Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	Right glenoid fossa 1x Left Costal Facets Left 1 st costal facet and 2 nd and 11 th rib head Right 1 st costal facet and 11 th and 12 th rib head
<i>Elbow</i>	Marginal osteophytes	Left and right proximal ulna
<i>Wrist</i>	Marginal osteophytes	Left distal radius
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Left Acetabulum and Femoral head
<i>Knee</i>	Marginal osteophytes	Left and Right Femoral Condyles and Tibial Condyles
<i>Ankle</i>	Marginal osteophytes	Left distal tibia

*Congenital**Supernumerary vertebra*

S6 is present.

*Miscellaneous Pathology**Unidentified Biological Object*

An unidentified biological object was recovered with the right ribs of SK 533.

SK 533: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis, DJD
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific: Reactive bone deposits
<i>Congenital</i>	Supernumerary vertebra
<i>Miscellaneous</i>	Calcified biological object

SK 534

Adult

Sex Not Recordable

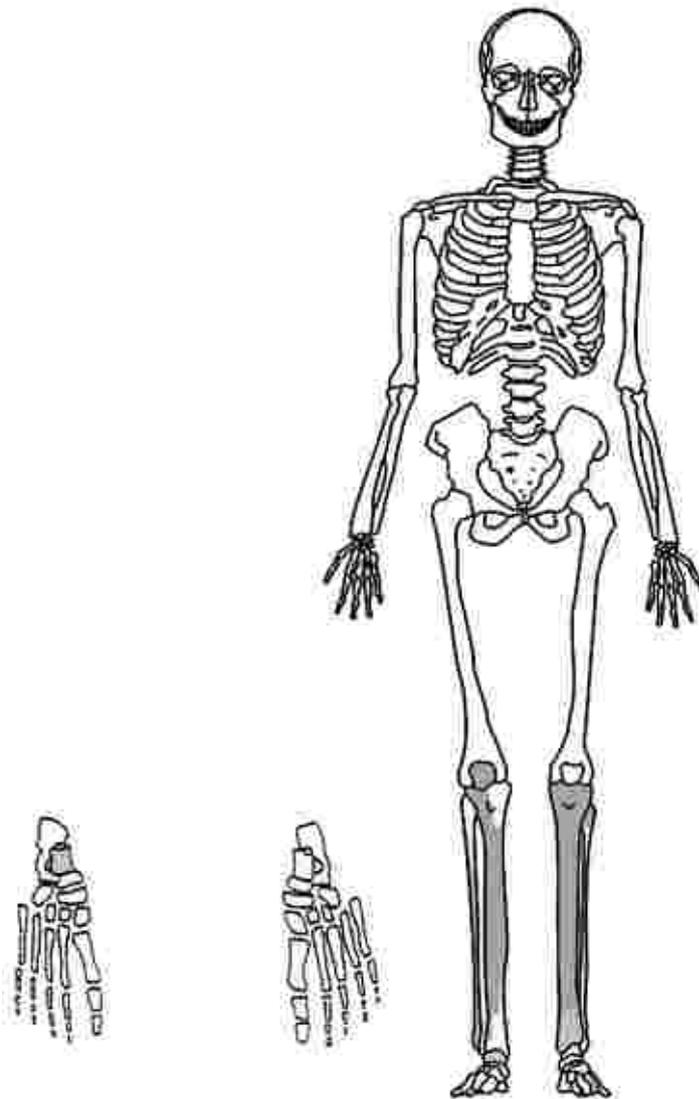
Burial Position and Details:

Plan No: Not specified

Area No: 4

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 534: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 535

Adult

Sex Not Recordable

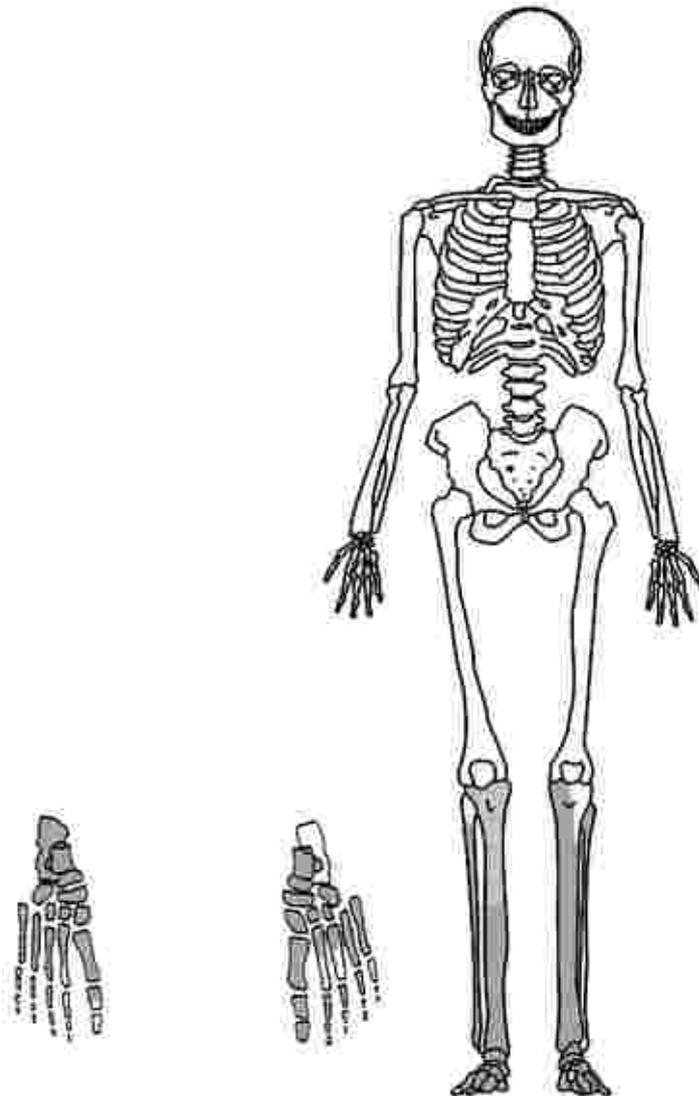
Burial Position and Details:

Plan No: Not specified

Area No: 4

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. SK535 was found in association with the adult remains of SK533.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Infection

Reactive Bone Formation and Osteitis

SK 535 exhibits extensive bilateral periosteal and endosteal reactive lesions of the tibiae and the right fibula and right MT1. Reactive bone deposits in the form of woven bone are present along the entire shafts of the right tibia and fibula and left tibia. Osteitis is also present at the bone shafts presenting as pitting of the bone surface. Reactive bone deposits in the form of woven bone are also present at the lateral aspect of the right MT1.

SK 535: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: Reactive bone deposits and osteitis

SK 539A

Adult

Sex Not Recordable

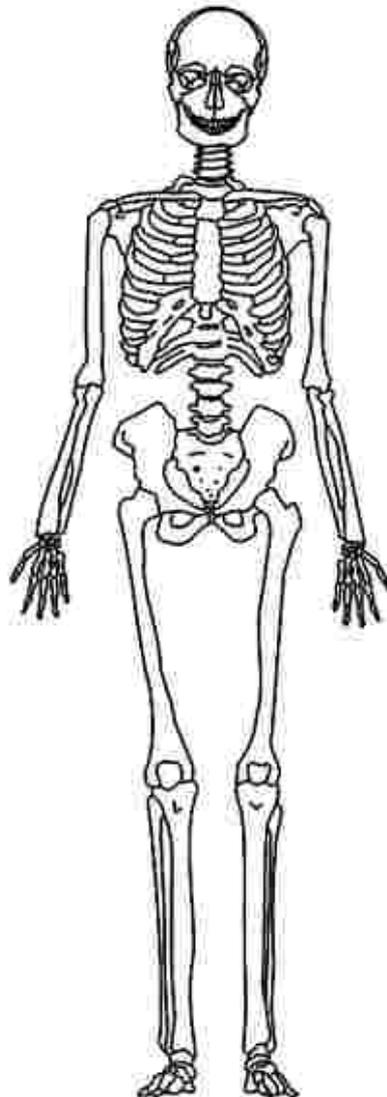
Burial Position and Details:

Plan No: Not specified

Area No: 4

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 539A: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 539B

Adult

Sex Not Recordable

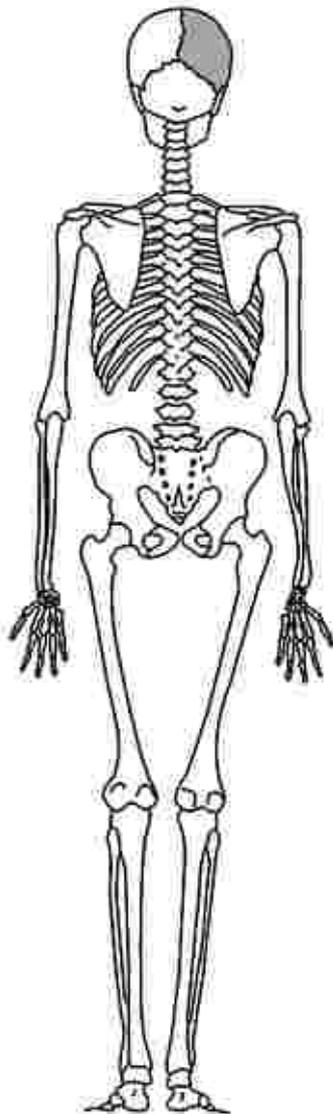
Burial Position and Details:

Plan No: Not specified

Area No: 4

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 539B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 542**Middle Adult****Male: 169.37 ± 2.99 cm****Burial Position and Details:**

Plan No: 25C

Area No: 4/23

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together. SK 542 was found in association with the find F55: a quartz piece.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	0				0	0			
C3	N/R	N/R	0	0				0	0			
C4	N/R	0	0	0				0	0			
C7	N/R	N/R	0	0				0	0			
T1	No pathological lesions are evident on the vertebral neural arches.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	N/R	N/R	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	3	0	0			3	0	0		
L1	3	0	0	0				0	0			
L2	3	0	0	0				0	0			
L3	3	3	0	0				0	0			
L4	3	0	0	0				0	0			
L5	5	5	0	4				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral body of L5.

*Trauma**Compression Fracture with secondary DJD*

A compression fracture is present at the medial condyle of the right tibia causing depression of the medial portion of the condylar surface. The fracture line is still evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in slight anterior displacement of the fractured portion of the medial articular surface and secondary DJD in the form of sharp ridge lipping (marginal osteophytes) at the tibial condyles and surface porosity and marginal osteophytes at the femoral condyles. Secondary shortening of the fractured tibia is also observable whereby the fractured tibia is 9mm shorter in length in comparison to the left tibia.

Joint

SK 542 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Knee</i>	Surface porosity, marginal osteophytes	Right Femoral and Tibial Condyles
<i>Foot</i>	Subchondral bone loss and surface porosity	Left MT2

SK 542: Palaeopathological Summary and Differential Diagnoses

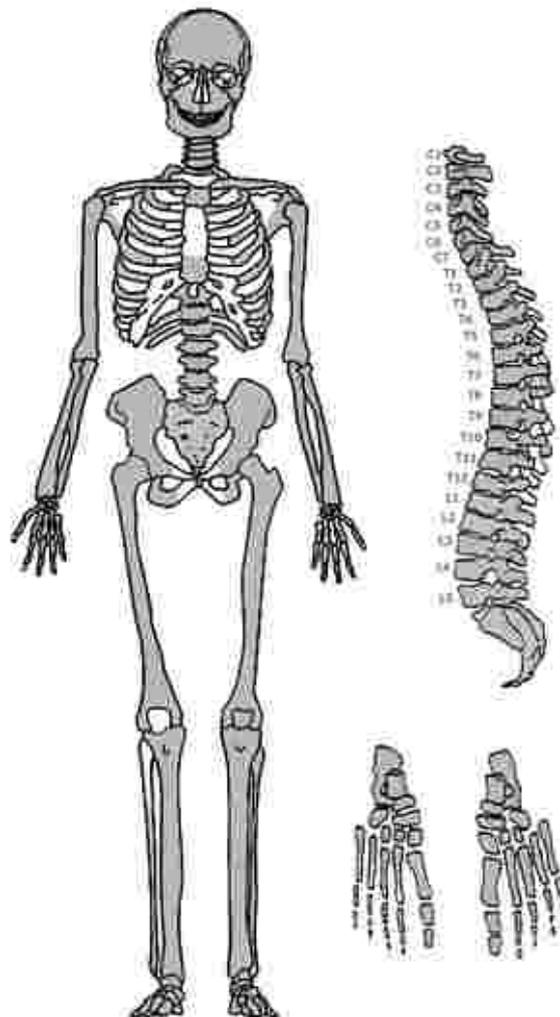
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	DJD
<i>Trauma</i>	Compression fracture with secondary DJD

SK 543**Middle Adult****Female: 159.3 ± 3.55 cm****Burial Position and Details:**

Plan No: 3I

Area No:10

Orientation not specified: simple, crouched burial on right side of good completeness and good preservation. The skull was positioned facing downwards. The left arm was flexed at the elbow crossing the pelvis with the right arm flexed upwards towards the head. The right hand was positioned under the head. Both legs were flexed upwards towards the body.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	2	1	1	1	1	1	N/P	1	1	1	1	2	2	N/P
Period. Dis.	3	0	0	0	0	0	0	N/R	0	0	0	0	0	0	2	3
E.Hypoplasia	N/P	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	N/P
Cyst	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Abscess	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Caries	N/P	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	N/P
Calculus	N/P	1	1	1	1	1	1	1	N/P	1	1	1	1	1	1	N/P
	4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	N/P	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	N/P	0	1	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0
Attrition	N/P	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2

Dental Disease

Antemortem Tooth Loss

SK 543 exhibits antemortem tooth loss of both maxillary 3rd molars. Only partial secondary resorption of the alveolar process has occurred at the affected tooth sites.

Abscess/ Cyst

Tooth 18: Probable cyst or abscess present at site of tooth resulting in secondary antemortem tooth loss

Tooth 28: Probable cyst or abscess present at site of tooth resulting in secondary antemortem tooth loss

Congenital Abnormalities of the Teeth/ Jaws

There is slight rotation of the central mandibular incisors. Tooth 48 is congenitally absent.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the middle-intermediate sector of the left orbital roof and the middle-intermediate and postero-lateral sector of the right orbital roof.

Infection

Reactive Bone Formation

Bilateral reactive bone deposits in the form of sclerotic bone are present at the posterior right and left maxillae immediately superior to the site of the third molars. This periosteal inflammation may be secondary to cysts observable at the tooth sockets.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	N/R	N/R				0	0			
C2	0	0	0	N/R				0	0			
C3	0	0	0	0				0	0			
C4	3, 4	0	3	0				0	3			
C5	0	3, 4	0	0				0	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	4	0	3
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	N/R	0	N/R	0	0	N/R	0	0	0
T4	0	0	0	N/R	0	0	N/R	0	0	0	0	N/R
T5	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T6	0	0	4	N/R	0	0	N/R	0	N/R	0	0	0
T7	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	0
T8	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T9	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	0	0	N/R	N/R	0			N/R	N/R	0		
T11	0	0	3, 4	3	0			3, 4	3	3		
T12	0	0	3	0	3, 4			4	0	0		
L1	3	N/R	N/R	N/R				0	3, 4			
L2	N/R	N/R	0	0				3	0			
L3	N/R	3, 4	N/R	0				3	0			
L4	3, 4	0	N/R	0				0	0			
L5	0	3	0	3, 4				3	3, 4			

Infection

Reactive Bone Formation, Osteitis/Osteomyelitis with secondary DJD, ankylosis, kyphosis and spondylosis

SK 543 exhibits extensive periosteal, endosteal and/or medullary cavity reactive lesions of the right 12th rib, left femur and skeletal elements of the lower back and pelvic region. Reactive bone deposits in the form of woven bone are present at the anterior aspect of the right ilium. An extensive mixed reaction of both woven and sclerotic bone is observable at the anterior aspect of the left ilium and pubis. A mixture of woven and sclerotic bone is also present at the visceral and pleural surfaces of the right 12th rib and the posterior proximal left femur inferior to the femoral neck. Sclerotic bone is present at both the right and left scapulae.

SK543 also exhibits lesions at the lumbar vertebrae and first sacral segment as follows:

L1: Diffuse abnormal bone loss is observable on the anterior and inferior aspect of the body extending to the underlying trabecular bone. Healing in the form of sclerotic bone is also observable. The presence of a single cloacal on the inferior body indicates possible osteomyelitis. Syndesmophytes are also present on the superior vertebral body on both the lateral and medial aspects of the vertebral body in addition to a series of large bony projections on both the medial and lateral portions of the inferior body.

L2: Almost complete resorption of the vertebral body has occurred. Healing in the form of sclerotic bone is evident on the observable posterior portion of vertebral body. Secondary angular kyphosis of the spine has resulted.

L3: Diffuse abnormal bone loss is observable on the superior vertebral body. The bone loss is affecting the anterior rim extending to the trabeculae. Healing in the form of sclerotic bone is also present. Large bony projections on both medial and lateral aspects of the superior vertebra and new bone formation evident on the anterior vertebra.

Secondary DJD lesions are observable at L5 and S1 in the form marginal osteophytes at the inferior and superior articular facets respectively. This osteophytes formation has resulted in an enlarged articular surface at the affected vertebral facets. Secondary ankylosis is also evident between the vertebral bodies of L1 and L3 as L2 is almost completely resorbed due to infection.

*Trauma**Fractures*

A fracture is present at proximal articular facet of a right 2nd proximal foot phalanx. The fracture line is still evident with no observable healing. This fracture has resulted in secondary DJD at the affected joint in the form of marginal osteophytes.

A possible spiral fracture is present at the right 5th proximal hand phalanx. The fracture line is no longer evident. Healing in the form of sclerotic callus formation is also observable.

Joint

SK 543 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity, marginal osteophytes	Right and left Temporal Left Mandibular condyle
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Left and right acromion process
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Left Humeral Head Right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets 2x Right Costal Facets

SK 543: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, dental cyst/ abscess, periodontal disease, calculus, dental attrition, tooth rotation, absent third molar
<i>Vertebral Joint</i>	Intervertebral osteochondrosis, kyphosis and ankylosis Osteoarthritis, DJD
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific: Reactive bone deposits, probable tuberculosis
<i>Trauma</i>	Fractures

SK 544**Young Adult****Probable Male: 163.99 ±
3.27 cm****Burial Position and Details:**

Plan No: 28

Area No: 12

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The left arm was extended. The left leg was flexed slightly at the knee with the right leg extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Dentition

Attrition	N/P	N/P	N/P	1	0	N/P	2	N/P	N/P							
Period. Dis.	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	0	0	N/P	0	N/P	N/P							
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	N/P	N/P	0	0	N/P	1	N/P	N/P							
Calculus	N/P	N/P	N/P	1	1	N/P	2	N/P	N/P							
	N/R	2	2	1	1	2	2	2	2	2	2	2	2	1	2	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Dental Disease

Caries

Tooth 26: Small carious lesion is present on the lateral aspect at the neck of the tooth

Post Cranial Pathology

Congenital

Caudal Border Shift

Lumbarisation of S1 is observable

Cleft neural arch defect

A cleft neural arch defect present at the level of the fourth cervical vertebra (C4).

SK 544: Palaeopathological Summary and Differential Diagnoses

- Dental* Caries, calculus, dental attrition
- Congenital* Lumbarisation, Cleft neural arch defect

SK 545**Young Adult****Female: 157.52 ± 3.55 cm****Burial Position and Details:**

Plan No: 22F

Area No: 8

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing north. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0

SK 545: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 546

Adult

Sex Not Recordable

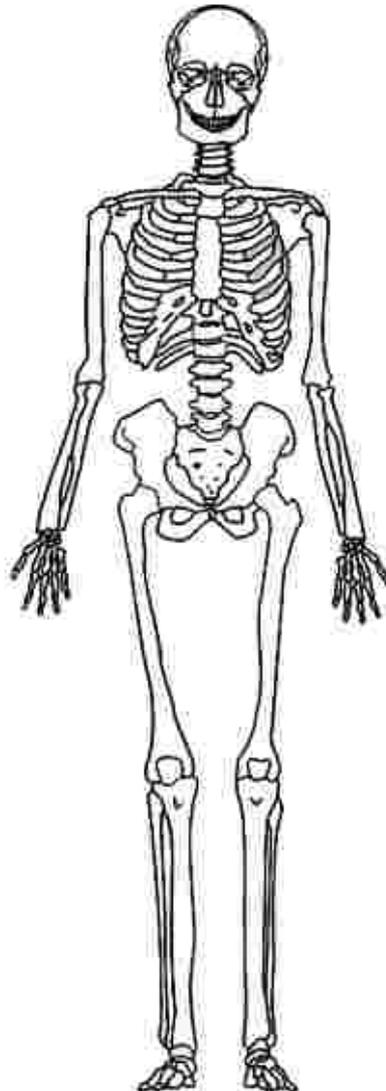
Burial Position and Details:

Plan No: Not specified

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 546: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 547

Young Adult

Sex Not Recordable

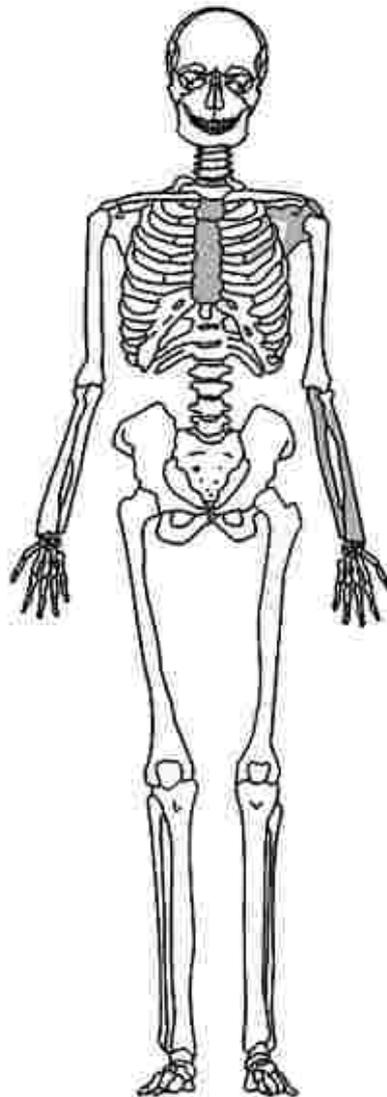
Burial Position and Details:

Plan No: Not specified

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The left arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 547: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 548

Young Adult

Female: 152.44 ± 3.55 cm

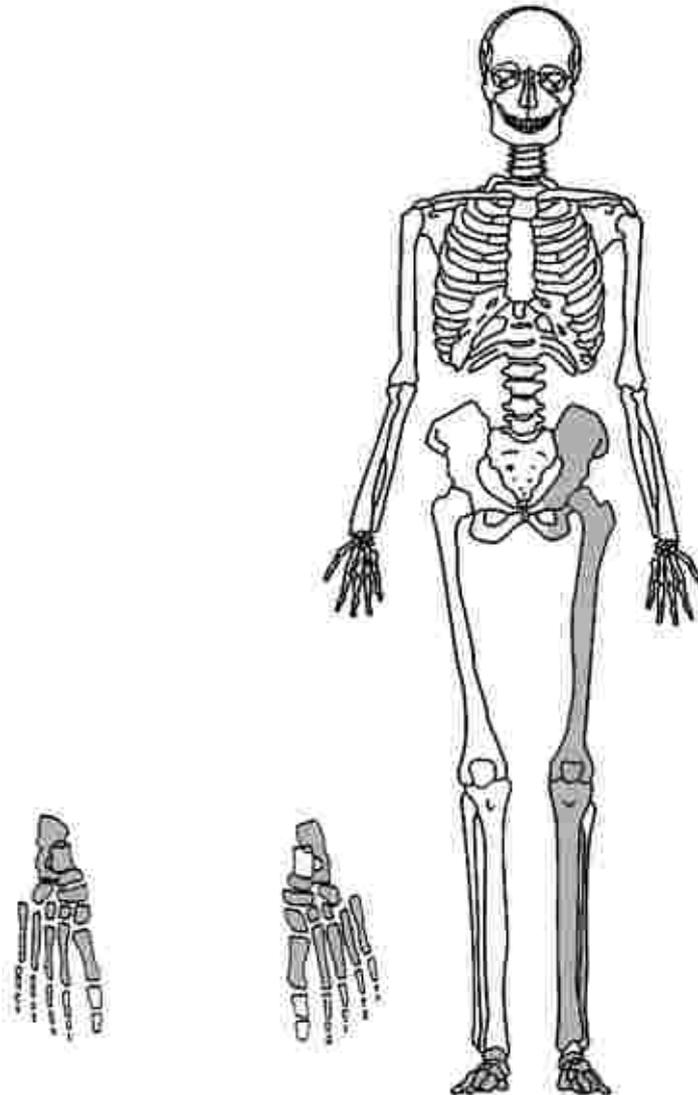
Burial Position and Details:

Plan No: 25F

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended with the feet crossing.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 548: Palaeopathological Summary and Differential Diagnoses

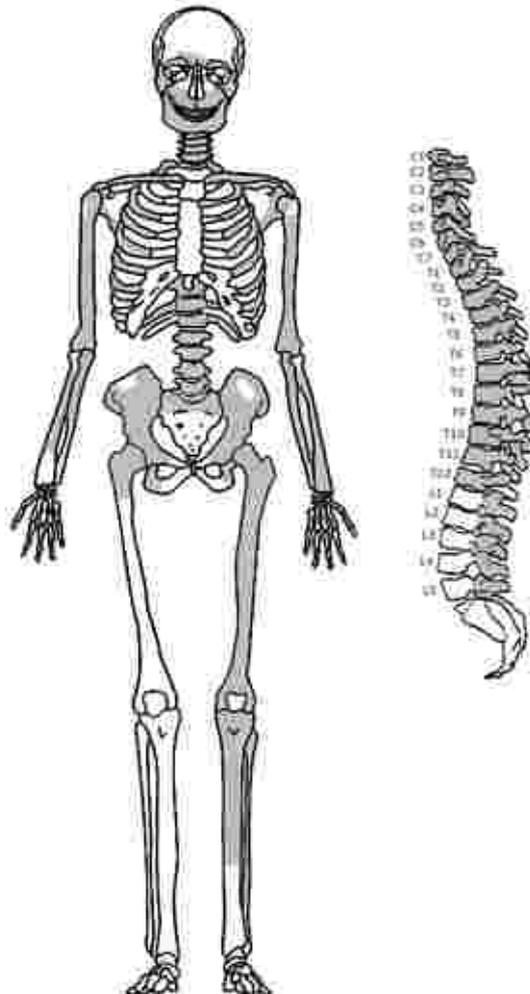
No pathological lesions were observed on the skeletal elements present for analysis.

SK 551**Middle Adult****Female: 149.2 ± 3.72 cm****Burial Position and Details:**

Plan No: 28D

Area No: Not specified

Orientation not specified: simple, extended supine burial of moderate completeness and moderate preservation. The skull was positioned on the right side. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	0	0	2	2	2	1	1	1	1	1	1	2	2	2	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Calculus	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	5	5	1	1	1	1	1	1	1	1	5	2	1	2
Calculus	N/P	1	N/R	N/R	1	1	1	1	1	1	1	1	N/R	N/P	1	N/P
Caries	N/P	0	N/R	N/R	0	0	0	0	0	0	0	0	N/R	N/P	0	N/P
Abscess	N/P	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	N/R	N/R	0	0	0	0	0	0	0	0	N/R	N/P	0	N/P
Period. Dis.	N/P	0	3	3	0	0	0	0	0	0	0	0	3	3	0	0
Attrition	N/P	1	N/R	N/R	1	1	1	1	1	1	1	1	N/R	N/P	1	N/P

Dental Disease

Caries, Abscess/ Cyst

Tooth 25: Medium-sized carious lesion present; this lesion has eroded approximately 50% of tooth crown

Tooth 36: Abscess/ cyst at apex of tooth roots on buccal aspect of mandible

Tooth 46: Roots only; associated abscess/ cyst at apex of tooth roots on buccal aspect of mandible

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	3, 4	0	0				0	0			
C3	3	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	3	3, 4	0	0				0	0			
C6	3, 4	3, 4	N/R	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	0	0	0	3, 4	4	N/R	N/R	0	3, 4	0	0	N/R
T2	0	3	0	0	0	4	N/R	3, 4	0	0	0	N/R
T3	0	0	4	4	0	0	N/R	0	N/R	0	N/R	N/R
T4	0	0	0	0	0	0	N/R	N/R	0	N/R	N/R	N/R
T5	0	0	0	0	0	N/R	N/R	0	4	0	0	N/R
T6	0	0	0	0	0	N/R	N/R	0	0	N/R	N/R	N/R
T7	0	3	0	0	0	0	0	0	0	0	0	N/R
T8	0	0	0	0	0	3, 4	N/R	0	0	0	N/R	N/R
T9	0	0	0	0	0	N/R	N/R	0	0	0	0	N/R
T10	N/R	N/R	0	0	0			0	3	0		
T11	N/R	N/R	0	3	0			0	0	3, 4		
T12	N/R	N/R	N/R	0	N/R			0	0	N/R		
L1	N/R	N/R	0	N/R				0	0			
L2	N/R	N/R	N/R	0				0	0			
L3	N/R	N/R	0	0				0	0			
L5	N/R	N/R	N/R	0				3	0			

SK 551: Palaeopathological Summary and Differential Diagnoses

Dental Caries, dental abscess, periodontal disease, calculus, dental attrition
Vertebral DJD

SK 552

Young Adult

Probable Male

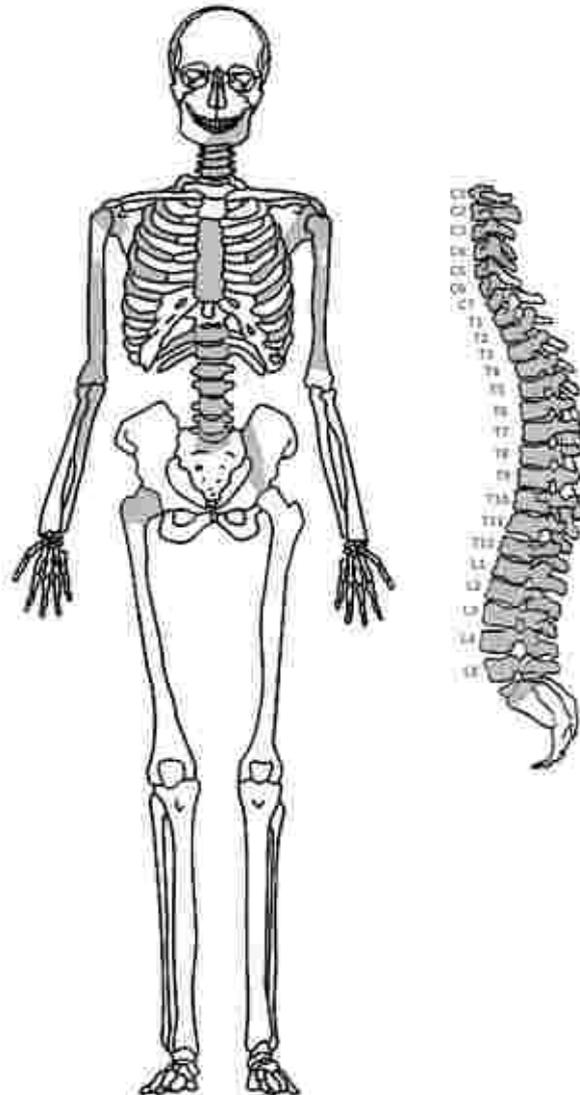
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/P	N/P	N/P	N/P	N/P	4	4	4	4	2	2	4	2	2	N/P
Calculus	N/P															
Caries	N/P															
Abscess	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P															
Period. Dis.	N/P	N/P	N/P	N/P	N/P	N/P	3	3	3	3	0	0	3	0	0	N/P
Attrition	N/P															

Dental Disease

Antemortem Tooth Loss

SK 552 exhibits extensive periodontal disease and antemortem tooth loss. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	2, 3, 4			
C3	0	0	0	0				2, 3, 4	2, 3, 4			
C4	0	0	0	2, 3, 4				2, 3, 4	2			
C5	N/R	0	N/R	N/R				N/R	N/R			
C6	0	0	N/R	N/R				N/R	N/R			
C7	0	0	N/R	N/R				N/R	N/R			
T1	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	0	0	N/R
T2	N/R	0	0	N/R	0	0	N/R	N/R	0	N/R	N/R	N/R
T3	N/R	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T4	4	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T5	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T6	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	0	0	N/R
T7	0	0	0	N/R	0	0	N/R	0	N/R	N/R	N/R	N/R
T8	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T10	0	0	0	N/R	0			0	N/R	0		
T11	0	0	0	0	4			0	0	4		
T12	0	0	0	N/R	0			0	0	0		
L1	0	0	0	0				N/R	0			
L2	0	0	N/R	N/R				N/R	N/R			
L3	0	0	N/R	N/R				N/R	N/R			
L4	N/R	N/R	0	0				N/R	0			
L5	0	3, 4	N/R	N/R				N/R	N/R			

Joint

SK 552 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes, eburnation	1x Left Costal Facet 2x Right Costal Facets
<i>Elbow</i>	Surface porosity	Right proximal radius

Hip Marginal osteophytes

Left Acetabulum

SK 552: Palaeopathological Summary and Differential Diagnoses

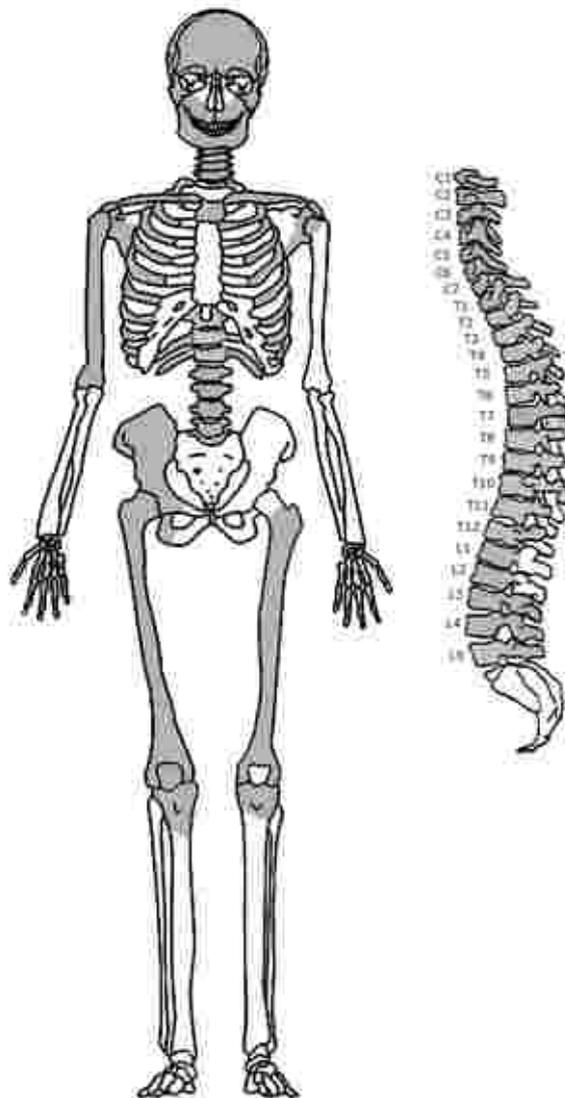
Dental Antemortem tooth loss, periodontal disease
Vertebral DJD
Joint DJD, Osteoarthritis

SK 553**Middle Adult****Female: 163.03 ± 3.72 cm****Burial Position and Details:**

Plan No: 30A

Area No: 16

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The right arm was extended with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	N/P	2	2	2	2	2	N/P	N/P	N/P	2	2	2	2	2	N/P
Period. Dis.	N/P	2	3	1	1	1	1	1	0	0	0	1	1	1	3	1	N/P
E.Hypoplasia	N/P	0	N/P	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	N/P
Cyst	N/P	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	N/P
Caries	N/P	0	N/P	0	0	0	0	0	N/P	N/P	N/P	0	0	0	2	2	N/P
Calculus	N/P	2	N/P	1	1	1	1	1	N/P	N/P	N/P	1	1	1	3	3	N/P
	N/P	1	4	1	1	1	1	2		2	2	1	1	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	N/P	1	1	1	1	1	1	1		1	1	1	1	4	4	1	N/P
Calculus	N/P	1	0	1	1	2	1	2		2	1	2	2	N/P	N/P	2	N/P
Caries	N/P	0	3	0	0	0	0	0		0	0	0	0	N/P	N/P	0	N/P
Abscess	N/P	0	0	0	0	0	0	1		0	0	0	0	0	0	0	N/P
Cyst	N/P	1	1	0	0	0	0	0		0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0		0	0	0	0	N/P	N/P	0	N/P
Period. Dis.	N/P	2	2	1	1	1	1	1		1	1	1	1	2	2	2	N/P
Attrition	N/P	2	2	2	2	2	2	2		2	2	2	2	N/P	N/P	2	N/P

Dental Disease

Antemortem Tooth Loss

SK 553 exhibits antemortem tooth loss of 1 premolar, 1 mandibular molar, and 1 maxillary molar. Complete secondary resorption of the alveolar process has occurred at the site of Tooth 35 with only partial resorption of the tooth sockets of Tooth 16 and 36.

Caries, Abscess, Cyst

Tooth 16: Cyst present at site of lingual root; lesion penetrates the maxillary sinus; possible associated cyst exhibited on buccal aspect of maxilla at site of buccal root

Tooth 26: Medium sized carious lesion present on distal aspect of neck of tooth; possible associated abscess present at apex of medial buccal root

Tooth 27: Medium sized carious lesion present at medial aspect of neck of tooth

Tooth 41: Abscess present at apex of tooth root at buccal aspect of mandibular body

Tooth 46: Large carious lesion present; >75% of tooth crown has been eroded by this lesion; associated cyst present at apex of medial root on the buccal aspect with circumferential sclerotic reaction indicating this lesion was long-standing

Tooth 47: Small cyst present at apex of medial root on buccal aspect

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate aspect and middle-lateral sector of the left and right orbital roofs.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/R	N/R	N/R				N/R	N/R			
C2	N/R	3	N/R	3				N/R	3			
C3	3, 4	0	4	0				4	0			
C4	0	0	3, 4	0				3, 4	0			
C5	0	0	0	0				0	0			
C6	0	3, 4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	0	0	0	0	0	0	4	0	0	0	0	0
T2	0	0	0	N/R	0	0	0	0	N/R	0	0	0
T3	0	0	0	N/R	0	N/R	N/R	N/R	N/R	N/R	0	N/R
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T6	3, 4	5	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T7	4, 5	4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	3, 4	3, 4	0	0	0	0	N/R	0	0	0	0	0
T9	3	4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	0	5	N/R	N/R	0			N/R	N/R	N/R		
T11	0	0	N/R	N/R	0			N/R	N/R	N/R		
T12	5	5	0	N/R	0			0	N/R	0		
L1	5	5	0	0				0	0			
L2	5	5	3	0				N/R	0			
L3	3, 4, 5	4, 5	0	0				0	0			
L4	3, 4, 5	0	0	0				0	0			
L5	0	N/R	0	0				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T7, T12, L1 and L2. Schmorl's nodes of moderate expression are present at the vertebral bodies of T10, L1 and L2. A Schmorl's node of marked expression is present at the vertebral body of T12.

Intervertebral osteochondrosis

Erosive lesions intervertebral osteochondrosis are exhibited at the vertebral bodies of T6 and L3.

Joint

SK 553 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity, marginal osteophytes	Left mandibular condyle
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Hip</i>	Periarticular resorptive foci and surface porosity	Right Acetabulum

*Congenital**Caudal shifting with block vertebrae*

Occipitalization of C1 is observable whereby the 1st cervical vertebrae is congenitally fused to the occipital bone. There is congenital fusion of C1 and C2 so that the dens of C2 is underdeveloped.

SK 553: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental abscess/cyst, periodontal disease, calculus, dental attrition, oro-antral fistula
<i>Vertebral</i>	Schmorl's nodes, intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Congenital</i>	Occipitalization of C1

SK 554

Middle Adult Male

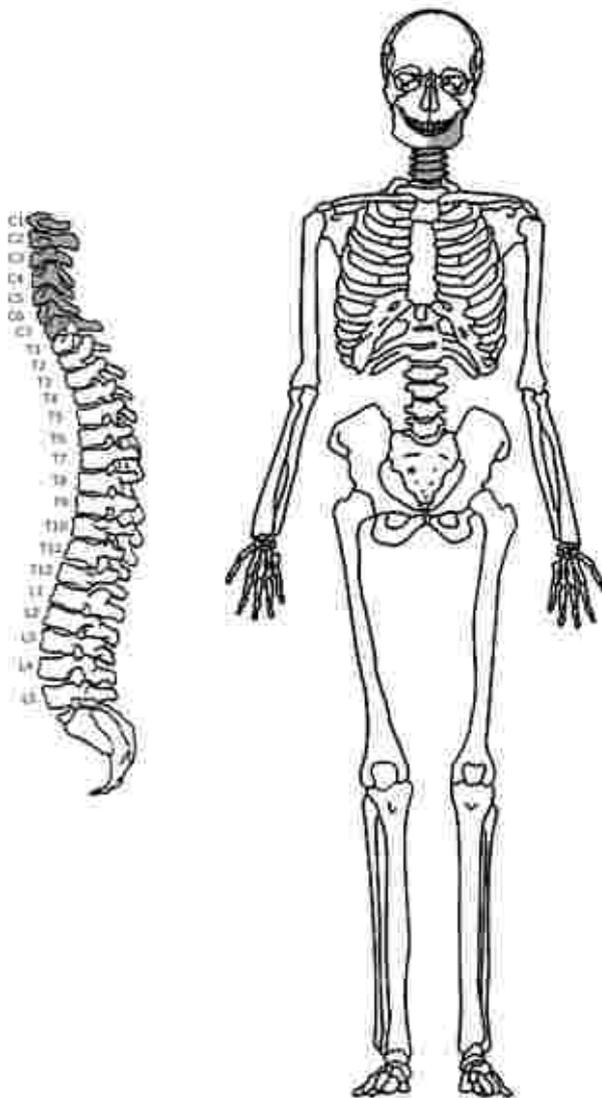
Burial Position and Details:

Plan No: 28B

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/R	2	2	2	2	1	1	1	1							
Calculus	N/R	2	2	2	2											
Caries	N/R	0	0	0	0											
Abscess	N/R	0	0	0	0	0	0	0	0							
Cyst	N/R	0	0	0	0	0	0	0	0							
E.Hypoplasia	N/R	0	0	0	0											
Period. Dis.	N/R	0	0	0	0	N/R	0	0	0							
Attrition	N/R	1	3	3	3											

SK 554: Palaeopathological Summary and Differential Diagnoses

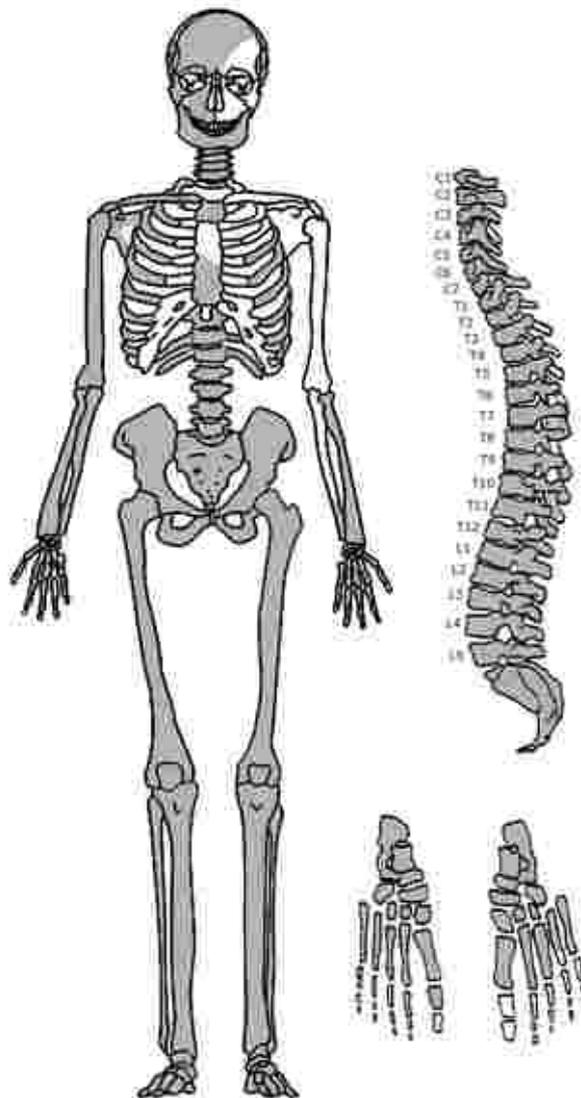
Dental Calculus, dental attrition

SK 555**Middle Adult****Male: 163.91 ± 2.99 cm****Burial Position and Details:**

Plan No: 36

Area No: 11

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned on the right side. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	2	1	N/P											
Period. Dis.	N/P	0	0	0	0	0	0	N/P								
E.Hypoplasia	N/P	0	0	0	N/P											
Cyst	N/P	0	0	0	0	0	0	N/P								
Abscess	N/P	0	0	0	0	0	0	N/P								
Caries	N/P	0	0	0	N/P											
Calculus	N/P	1	1	1	N/P											
	N/P	1	1	1	2	2	2	N/P								
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	1	1	1	1	1	1	2	1	1	1	1	N/P
Calculus	N/P	1	1	1	1	1	1	1	1	1	N/P	1	2	1	1	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	1	1	1	1	1	N/P	1	0	0	0	N/P
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Attrition	N/P	1	2	1	1	2	2	2	2	2	N/P	1	1	3	2	N/P

Dental Disease

Enamel Hypoplasia

Tooth 31: 2 hypoplastic grooves present; 4.39mm and 5.97mm from the cemento-enamel junction respectively.

Tooth 32: 1 hypoplastic groove present; 6.46mm from the cemento-enamel junction

Tooth 34: 1 hypoplastic groove present; 6.46mm from the cemento-enamel junction

Tooth 41: 1 hypoplastic groove present; 4.22mm from the cemento-enamel junction

Tooth 42: 1 hypoplastic groove present; 6.32mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 6.57mm from the cemento-enamel junction

Congenital Abnormalities of the Teeth/ Jaws

A diastema is present between Tooth 43 and 44. Overcrowding of the mandibular teeth has resulted in slight medial rotation of Tooth 34 and 44.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	4	0				0	0			
C3	0	0	4	0				0	0			
C4	0	0	0	0				0	0			
C5	0	3	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	3	0	0	N/R	N/R	3
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	0	0	0	3	0	0	0	0	0
T5	0	0	0	0	0	0	3	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	5	0	0	0	0	3	0	0	0	0	N/R
T8	0	5	0	0	0	0	3	0	0	0	0	3
T9	5	0	0	0	0	0	0	0	0	0	0	0
T10	5	0	0	0	0			0	0	0		
T11	0	5	0	0	0			0	0	0		
T12	5	5	0	0	4			0	0	0		
L1	5	5	0	0				0	0			
L2	3	3	0	0				0	0			
L3	3	3	0	0				0	0			
L4	3	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T8, T9, T10, T11, T12, and L1.

*Trauma**Crush fracture*

A crush fracture is present at the medial condyle of the right femur. The fracture is unilateral with extensive healing resulting in abnormal bone formation on the subchondral bone surface.

Joint

SK 555 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle and acromion process
<i>Ribs</i>	Surface porosity	5x Right Costal Facets
<i>Knee</i>	Marginal osteophytes, eburnation, surface porosity	Right Femoral and Tibial Condyles Right Tibial Condyles

SK 555: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Enamel hypoplasia, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	Osteoarthritis, DJD
<i>Trauma</i>	Fracture

SK 556**Young Adult****Female****Burial Position and Details:**

Plan No: 25B

Area No: 4/23

NW-SE orientation; simple, supine burial on left side of moderate completeness and moderate preservation. The left arm was flexed at the elbow with the hands positioned over the pelvic region. SK556 was found in association with the adult remains of SK573. The left arm of SK556 was positioned under the spine of SK573.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	1													
Period. Dis.	N/P	N/R	0													
E.Hypoplasia	N/P	1	0													
Cyst	N/P	N/R	0													
Abscess	N/P	N/R	0													
Caries	N/P	3	1													
Calculus	N/P	1	2													
	N/P	1	1													
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	N/P	N/P	N/P	2	2	2	2	2	1	2	2	2	2	2
Caries	0	0	N/P	N/P	N/P	0	0	0	0	0	0	0	2	3	0	0
Abscess	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
E.Hypoplasia	0	0	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	3	0	0	0	0	0	0	0	0	0	3	2	0	0
Attrition	1	1	N/P	N/P	N/P	2	2	2	2	2	2	1	1	1	1	1

Dental Disease

Caries, Abscess, Cyst

Tooth 27: Large carious lesion present on mesial aspect of tooth penetrating the pulp cavity

Tooth 28: Small carious lesion present at the neck of tooth, corresponding with carious lesion at tooth 27

Tooth 35: Medium caries at neck of tooth (lateral aspect) penetrating the pulp cavity. A smooth-edged cyst is also exhibited at the base of the tooth; associated sclerotic bone and resorptive bone would indicate the condition was chronic during life

Tooth 36: Large carious lesion present which has eroded approximately 50% of the tooth crown; predominantly on the mesial side; associated resorption of alveolar bone

Tooth 46: Possible abscess exhibited at site of Tooth 46; borders appear to be sharp with little build-up of sclerotic bone which would suggest an acute episode

Congenital Abnormalities of the Teeth: Radix Entomolaris

Tooth 47 exhibits the congenital trait radix entomolaris; i.e. an accessory root exhibited on the lingual aspect of the tooth.

Post Cranial Pathology

Congenital

Cleft Neural arch defect

A cleft neural arch defect is present at the level of the first cervical vertebra (C1).

SK 556: Palaeopathological Summary and Differential Diagnoses

Dental Caries, dental abscess/cyst, periodontal disease, calculus, dental attrition, radix entomolaris
Congenital Cleft neural arch defect

SK 561

Young Adult

**Probable Male: 170.15 ±
2.99 cm**

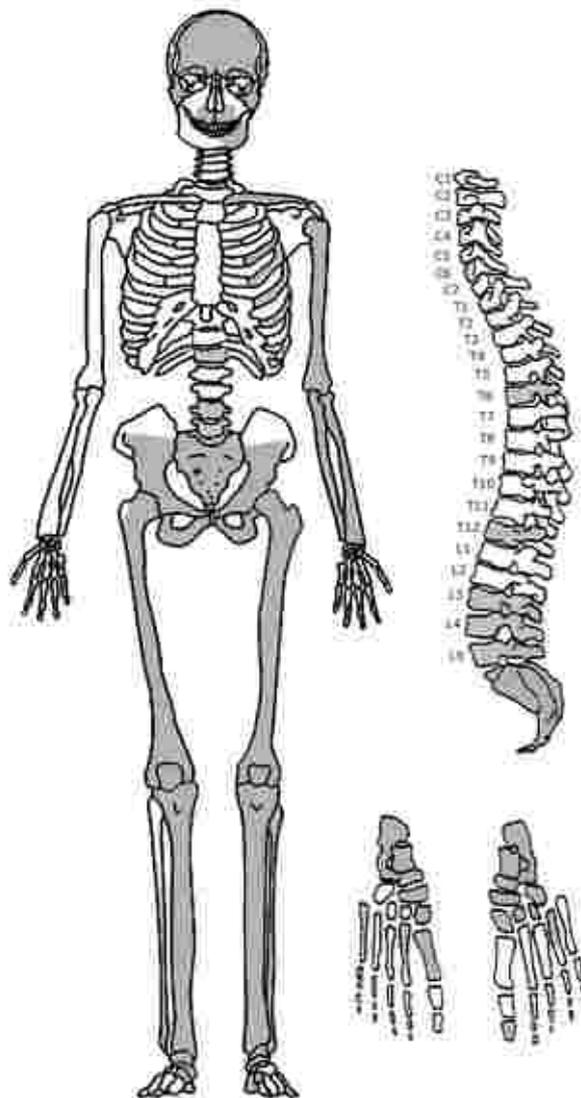
Burial Position and Details:

Plan No: 26E

Area No: 3

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	1	2	N/P	1	1	1	2	1	1	1	1	1	N/P	N/P	N/P
Period. Dis.	N/P	N/R	N/R	N/R	0	0	0	0	1	0	0	0	0	N/P	N/P	N/P
E.Hypoplasia	N/P	0	0	N/P	0	1	0	1	0	1	1	0	0	N/P	N/P	N/P
Cyst	N/P	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Abscess	N/P	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Caries	N/P	0	0	N/P	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Calculus	N/P	1	2	N/P	1	1	1	1	1	1	1	1	1	N/P	N/P	N/P
	N/P	1	1	2	1	1	1	1	1	1	1	1	1	N/P	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	1	1	1	1	1	1
Calculus	N/P	N/P	N/P	N/P	N/P	N/P	2	N/P	N/P	N/P	2	1	1	1	1	1
Caries	N/P	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	0	0	0	0	0	0
Abscess	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P	N/R	0	0	0	0	0
Cyst	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P	N/R	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	1	0	0	0	0	0
Period. Dis.	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P	N/R	0	0	0	0	0
Attrition	N/P	N/P	N/P	N/P	N/P	N/P	2	N/P	N/P	N/P	2	1	1	2	1	1

Dental Disease

Enamel Hypoplasia

Tooth 11: 1 hypoplastic groove present; 5.52mm from the cemento-enamel junction

Tooth 13: 1 hypoplastic groove present; 6.29mm from the cemento-enamel junction

Tooth 21: 1 hypoplastic groove present; 4.69mm from the cemento-enamel junction

Tooth 22: 1 hypoplastic groove present; 6.30mm from the cemento-enamel junction

Tooth 33: 1 hypoplastic groove present; 6.53mm from the cemento-enamel junction

Tooth 42: 1 hypoplastic groove present; 3.96mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Cribrum Orbitale (CO)

Type 3 (large and small isolated foramina) CO is exhibited in the middle-lateral, middle-intermediate and middle-medial sector of the left orbital roof and the middle-intermediate sector of the right orbital roof.

Trauma

Blunt-force

A healed depression fracture is present at the mid-point of the frontal bone. The lesion is circular in shape measuring 23.8mm anterior-posterior and 20.0mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

SK 561: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Enamel hypoplasia, calculus, dental attrition
<i>Metabolic</i>	CO
<i>Trauma</i>	Blunt-force cranial trauma

SK 562

Middle Adult

Male: 165.08 ± 2.99 cm

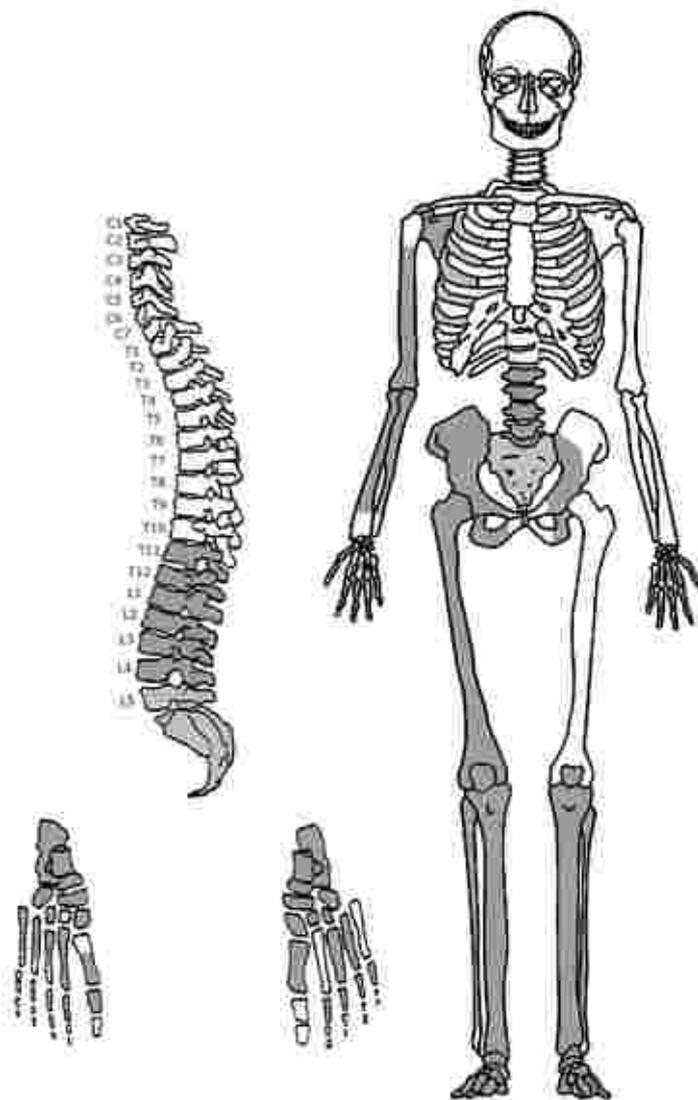
Burial Position and Details:

Plan No: 26C

Area No: 3

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 562: Palaeopathological Summary and Differential Diagnoses

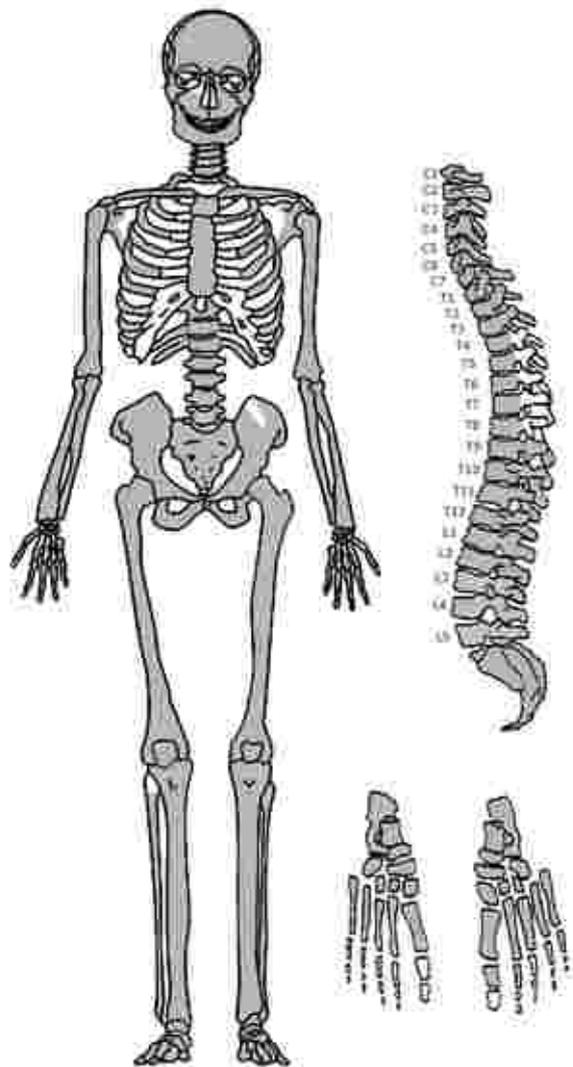
No pathological lesions were observed on the skeletal elements present for analysis.

SK 566**Young Adult****Male: 173.01 ± 2.99 cm****Burial Position and Details:**

Plan No: 25F

Area No: 4

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing upwards. The left arm was extended with the right arm flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	2	2	2	1	1	1	2	2	2	2	2	1	1	2	2	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Calculus	2	3	2	2	2	2	1	1	1	1	1	1	1	1	2	N/P
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Attrition	2	2	2	1	1	2	2	2	2	2	2	1	1	2	2	1

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

There is slight overcrowding of mandibular incisors

Tooth 37 and 38; A relatively deep fissure (depression) is exhibited in the centre of the occlusal surface of both teeth with no associated caries; probable congenital variation

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	4	4	0	0				0	0			
C5	4	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	4	4	0	0	0	0	0	0	0	0	0	0
T2	4	4	0	0	0	0	0	0	0	0	0	0
T3	4	4	0	0	0	0	4	0	0	0	0	N/R
T4	4, 5*	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T5	4	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T6	4	4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	N/R	4,5	N/R	N/R	N/R	0	N/R	N/R	N/R	4	0	N/R
T8	4	N/R	N/R	N/R	4	0	N/R	N/R	N/R	0	0	N/R
T9	N/R	4, 5	N/R	0	0	N/R	N/R	0	0	0	0	N/R
T10	4, 5	4, 5	0	0	0			0	0	N/R		
T11	4, 5	4, 5*	0	0	0			0	0	4		
T12	5	0	0	0	0			0	0	0		
L1	0	5	0	0				0	0			
L2	5	5	0	0				0	0			
L3	5	0	N/R	N/R				0	0			
L4	4	4	N/R	N/R				0	0			
L5	N/R	N/R	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T9, T10, T12, L1, L2 and L3.

Infection

Reactive Bone Formation

SK 566 exhibits a periosteal reactive lesion at the right scapula. Reactive bone deposits in the form of woven bone are present at the inferior medial surface of the acromion process.

Specific Infection: Probable Tuberculosis

SK 566 exhibits pathological lesions indicative of the specific infection of tuberculosis in the form of lytic lesions at several vertebral bodies and periosteal reactive lesions of the visceral surface of a number of ribs. Lytic lesions presenting as diffuse abnormal bone extending to the trabecular bone are present at T8, T9, T12 and L1. An extensive mixed reaction of both woven and sclerotic bone is present at the 12th left rib and 6 of the right ribs affecting the visceral surfaces only. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Trauma

Fracture with secondary Musculo-Skeletal Stress and traumatic arthritis

Two fractures are present at the distal articular surface of the right 5th proximal hand phalanx and the corresponding proximal articular surface of the right 5th intermediate hand phalanx. The fracture line is still evident. Healing in the form of sclerotic callus bone formation is also observable. These fractures have resulted in secondary osteoarthritis at the affected interphalangeal joint in the form of eburnation and surface porosity. Vertical enthesophyte formation indicative of musculo-skeletal stress is also present at the dorsal aspect of the intermediate phalanx.

*Congenital**Os Acromiale*

There is non-union of the left acromion process.

Cleft Neural Arch Defect

A cleft neural arch defect is present at the level of the 1st, 2nd and 4th sacral segments (S1, S2 and S4).

SK 566: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition, abnormality of tooth cusps
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	Secondary Osteoarthritis
<i>Metabolic</i>	Porotic Hyperostosis
<i>Infection</i>	Tuberculosis, Lytic lesions
<i>Trauma</i>	Fracture with secondary osteoarthritis
<i>Congenital</i>	Cleft neural arch defect, <i>Os Acromiale</i>

SK 567

Old Adult

Probable Female: 151.67 ± 3.72 cm

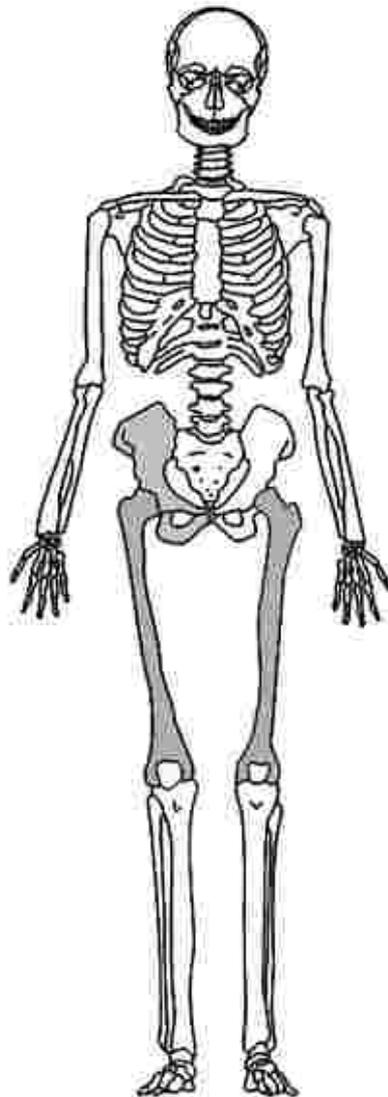
Burial Position and Details:

Plan No: Not specified

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 2

SK 567: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 570**Young Adult****Female: 152.41 ± 3.72 cm****Burial Position and Details:**

Plan No: 30A

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The skull was positioned facing north. The left arm was extended with the left hand positioned over the pelvic region. The left leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	1	N/P	0	1	N/P	1	N/P	1	1	1	1	1	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	N/R	1	1	1	1	2	2
E.Hypoplasia	N/P	N/P	0	N/P	0	0	N/P	0	N/P	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	N/P	0	N/P	0	0	N/P	0	N/P	0	0	0	0	0	0	0
Calculus	N/P	N/P	1	N/P	1	1	N/P	1	N/P	1	1	1	1	1	1	1
	2	2	1	2	1	1	2	1	2	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/P	N/P	N/P	1	N/P	1	N/P	N/P	N/P						
Calculus	N/P	N/P	N/P	N/P	1	N/P	1	N/P	N/P	N/P						
Caries	N/P	N/P	N/P	N/P	0	N/P	0	N/P	N/P	N/P						
Abscess	N/P															
Cyst	N/P															
E.Hypoplasia	N/P	N/P	N/P	N/P	0	N/P	0	N/P	N/P	N/P						
Period. Dis.	N/P															
Attrition	N/P	N/P	N/P	N/P	1	N/P	1	N/P	N/P	N/P						

Cranial Pathology

Metabolic

Cribriform Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-lateral sector of the left and right orbital roofs.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	3, 4				0	0			
C3	0	0	3, 4	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	4	0				0	0			
C7	0	0	N/R	N/R				N/R	N/R			
T1	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T2	0	0	0	N/R	0	0	0	0	N/R	0	0	0
T3	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T6	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T9	4	0	N/R	N/R	N/R	0	N/R	0	N/R	0	0	N/R
T10	0	0	N/R	N/R	N/R			N/R	N/R	N/R		
T11	0	0	N/R	N/R	0			N/R	N/R	0		
T12	0	0	0	N/R	0			0	N/R	0		
L1	0	0	N/R	N/R				N/R	N/R			
L2	0	0	N/R	N/R				N/R	N/R			
L3	0	0	N/R	N/R				N/R	N/R			
L4	0	0	0	N/R				N/R	N/R			
L5	0	0	N/R	N/R				N/R	N/R			

SK 570: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition
Metabolic CO

SK 571

Young Adult

Male: 168.72 ± 2.99 cm

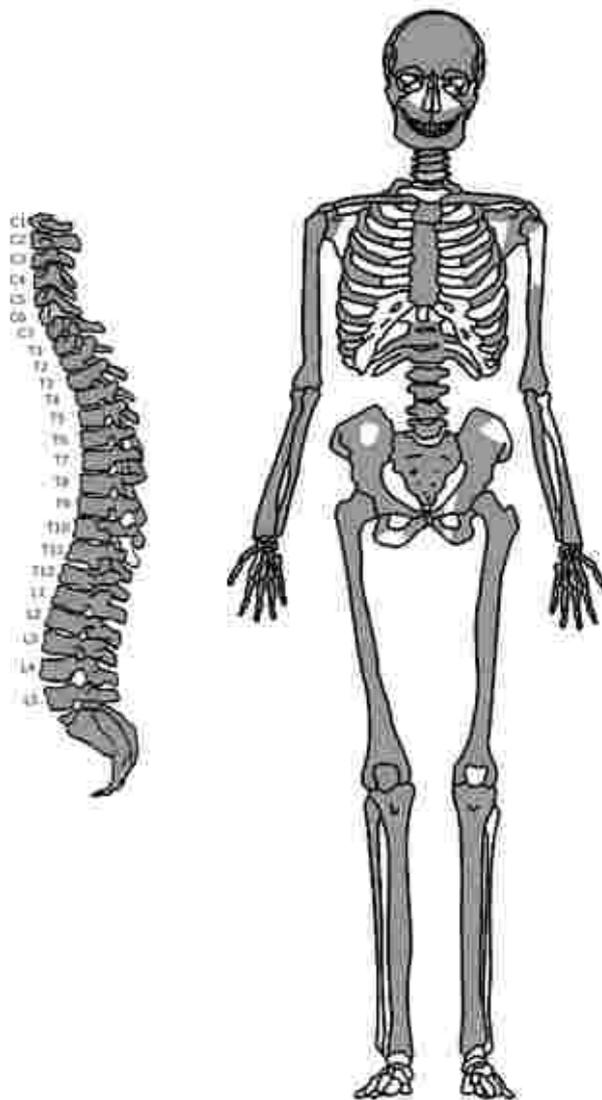
Burial Position and Details:

Plan No: 28E

Area No: 12/16

W-E orientation; simple, extended burial on the right side of good completeness and good preservation. Both arms were flexed at the elbow. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Taphonomy: Staining is observable at the left and right femoral condyles

Dentition

Attrition	1	1	1	1	1	N/A	1	2	2	1	1	1	1	1	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	N/A	0	0	0	0	0	1	0	1	1	1
	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1

Post Cranial Pathology

Fracture with secondary Musculo-Skeletal Stress

A fracture is present at the mid-shaft of the left clavicle. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in secondary shortening of the bone shaft by 10mm in comparison to the right clavicle. Vertical enthesophyte formation indicative of musculo-skeletal stress is also present at the anterior aspect of the left clavicle at the insertion point of the deltoid muscle.

Congenital

Supernumerary Vertebra

S6 is present.

SK 571: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Trauma Fracture with secondary Musculo-Skeletal Stress
Congenital Supernumerary vertebra

SK 573**Middle Adult Male****Burial Position and Details:**

Plan No: 25B

Area No: 4/23

NW-SE orientation; simple, extended supine burial of moderate completeness and good preservation. The right arm was extended by the side with the elbow positioned across SK556. The hands were positioned over the pelvis. SK 573 was found in association with SK 573.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 573: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 574

Adult

Probable Male

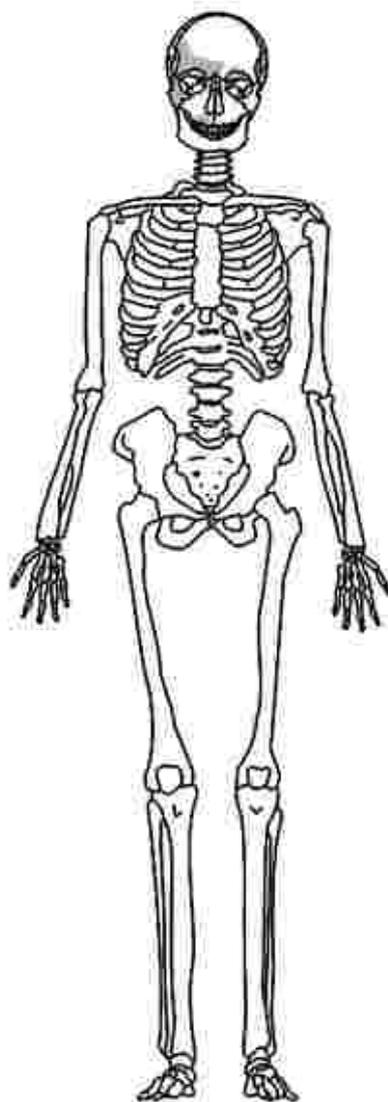
Burial Position and Details:

Plan No: 28C

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	1	2	N/P												
Ante-mortem Tooth Loss	N/P	0	0	N/P												
Period. Dis.	N/P	0	0	N/P												
E.Hypoplasia	N/P	0	0	N/P												
Cyst	N/P	0	0	N/P												
Abscess	N/P	0	0	N/P												
Caries	N/P	0	0	N/P												
Calculus	N/P	1	1	N/P												
	N/P	1	1	2	2	2	2	N/P								
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

SK 574: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 575

Adult

Sex Not Recordable

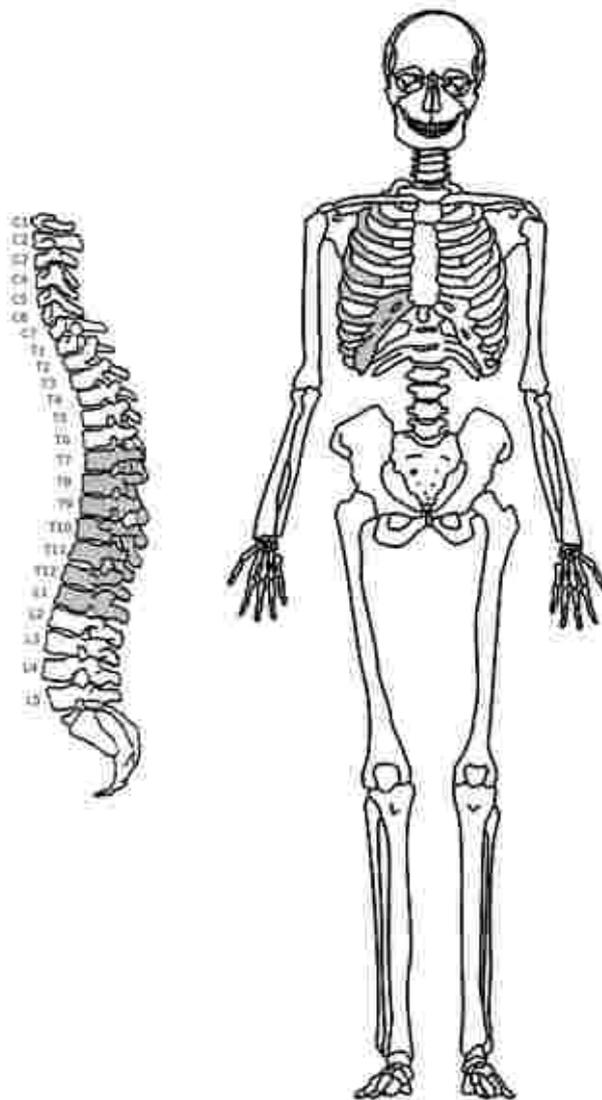
Burial Position and Details:

Plan No: 30B

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 575: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 576

Middle Adult

Male: 168.75 ± 3.72 cm

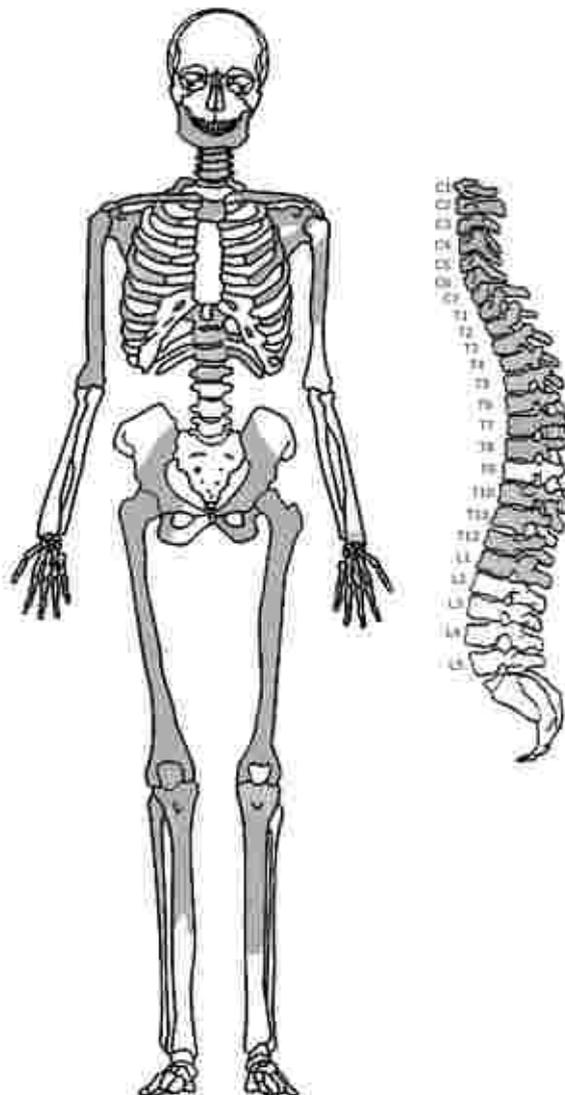
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	1	1	2	1	2	2	1	1	1	2	1	1	1	
Calculus	1	1	1	1	1	N/P	1	N/P	N/P	1	1	1	N/P	1	1	1	
Caries	0	0	0	0	0	N/P	0	N/P	N/P	0	0	0	N/P	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	0	0	0	0	0	N/P	0	N/P	N/P	0	0	0	N/P	0	0	0	
Period. Dis.	2	2	3	0	0	0	0	0	0	0	2	1	0	2	2	2	
Attrition	1	1	3	2	2	N/P	2	N/P	N/P	2	2	2	N/P	2	1	1	

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	2, 3, 4	2, 3	0	0				0	0			
C2	2, 3	0	0	0				0	0			
C3	0	3, 4	2, 3	0				0	2, 3, 4			
C4	3, 4	0	0	0				2, 3, 4	2, 3			
C5	3, 4	3, 4	N/R	N/R				N/R	N/R			
C6	3, 4	3, 4	N/R	N/R				N/R	N/R			
C7	3, 4	0	2	0				0	0			
T1	N/R	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	N/R	N/R
T2	0	0	0	0	0	N/R	N/R	0	0	0	0	0
T3	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	0	0	0	0	0	N/R	N/R	0	0	0	0	0
T5	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R
T6	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
T7	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T9	0	3	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T11	N/R	N/R	0	0	N/R			0	0	N/R		
T12	N/R	N/R	0	0	0			N/R	0	0		
L1	N/R	N/R	N/R	0				N/R	0			
L2	N/R	N/R	0	0				N/R	0			

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right superior and left inferior apophyseal vertebral facets of C3 and the left superior facet of C4 in the form of eburnation, marginal osteophytes and surface porosity.

*Infection**Reactive Bone Formation*

SK 576 exhibits bilateral periosteal reactive lesions of primarily the lower long-bones. Reactive bone deposits in the form of sclerotic bone are present at the posterior-lateral aspect of the proximal right femur adjacent to the linea aspera. Bilateral sclerotic bone is present at the lateral aspect of the mid-shaft of the right and left tibiae. Sclerotic bone is also present at the medial aspect of the mid-shaft of the right fibula. Sclerosis of these lesions indicates healing took place before the time of death.

*Trauma**Musculo-Skeletal Stress*

Enthesophyte formation indicative of musculo-skeletal stress is present at the posterior-lateral aspect of the left tibia at the insertion point of the soleus muscle and at the capitulum of the right humerus.

Joint

SK 576 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle and acromion process
<i>Glenohumeral</i>	Marginal osteophytes	Left and right glenoid fossa
<i>Ribs</i>	Surface porosity	1x Left Costal Facet 4x Right Costal Facets
<i>Elbow</i>	Marginal osteophytes	Right distal humerus
<i>Wrist</i>	Surface porosity, marginal osteophytes, eburnation	Left distal radius, and scaphoid
<i>Hand</i>	Marginal osteophytes	Left, MC2, MC3, 2 nd and 3 rd proximal phalanges (proximal articular surface) Right unnumbered proximal phalanx (proximal articular surface)
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Left and right Acetabulum
<i>Knee</i>	Surface osteophytes	Right femoral head Right Femoral Medial Condyle

SK 576: Palaeopathological Summary and Differential Diagnoses

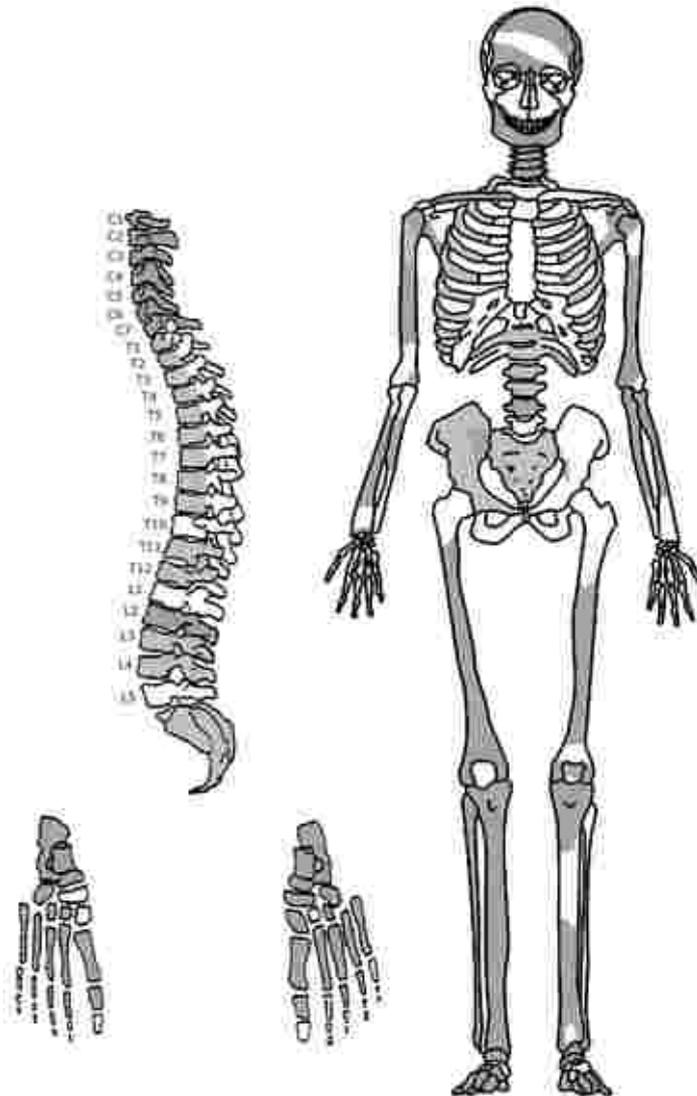
Dental Periodontal disease, calculus, dental attrition
Vertebral Osteoarthritis, Intervertebral osteochondrosis
Joint Osteoarthritis, DJD
Infection Non-specific: Reactive bone deposits
Trauma Musculo-Skeletal Stress

SK 577**Young Adult****Female: 142.82 ± 3.57 cm****Burial Position and Details:**

Plan No: 35A/ 37

Area No: 17/24

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned facing north. Both arms were extended with the hands positioned over the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	2	N/R	N/P												
Period. Dis.	1	1	N/R	N/P												
E.Hypoplasia	0	0	N/R	N/P												
Cyst	0	0	N/R	N/P												
Abscess	0	0	N/R	N/P												
Caries	1	1	N/R	N/P												
Calculus	1	2	N/R	N/P												
	1	1	2	N/P												
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	2	2	2	2	2	2	1	1	1	1	1	N/P
Calculus	N/P	2	2	2	N/R	N/R	N/R	N/R	N/R	N/R	2	2	2	1	2	N/P
Caries	N/P	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	N/P
Period. Dis.	N/P	1	1	0	0	0	N/R	N/R	N/R	N/R	N/R	1	1	1	1	N/P
Attrition	N/P	2	2	2	N/R	N/R	N/R	N/R	N/R	N/R	2	2	2	2	2	N/P

Dental Disease

Trauma

Tooth 33: The distal occlusal surface appears chipped antemortem; attrition noted on 'chipped' occlusal surface suggesting that this antemortem damage was not perimortem.

Cranial Pathology

Trauma

Blunt-force

A possible healed depression fracture is present at the posterior left parietal bone. The lesion is oval in shape measuring 33.07mm anterior-posterior and 24.52mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	N/R	0	N/R				0	N/R			
C5	N/R	0	N/R	0				N/R	0			
C6	0	0	0	0				0	0			
C7	N/R	0	N/R	N/R				N/R	N/R			
T1	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	4	N/R	N/R
T2	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T3	4	4	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	0	N/R
T4	4	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R
T5	4	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R
T6	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T7	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T8	0	0	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T9	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T11	N/R	N/R	N/R	N/R	N/R			N/R	N/R	4		
T12	0	N/R	N/R	N/R	N/R			N/R	N/R	N/R		
L1	No pathological lesions are present.											
L2												
L3												
L4												
L5												

Congenital

Block vertebrae are observable at the level of the 4th and 5th cervical vertebrae (C4 and C5) where congenital fusion has occurred at the vertebral bodies and inferior and superior facets respectively.

SK 577: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, caries, dental attrition, antemortem tooth damage
Trauma Blunt force trauma
Congenital Block vertebrae

SK 578

Middle Adult

Female: 152.9 ± 3.72 cm

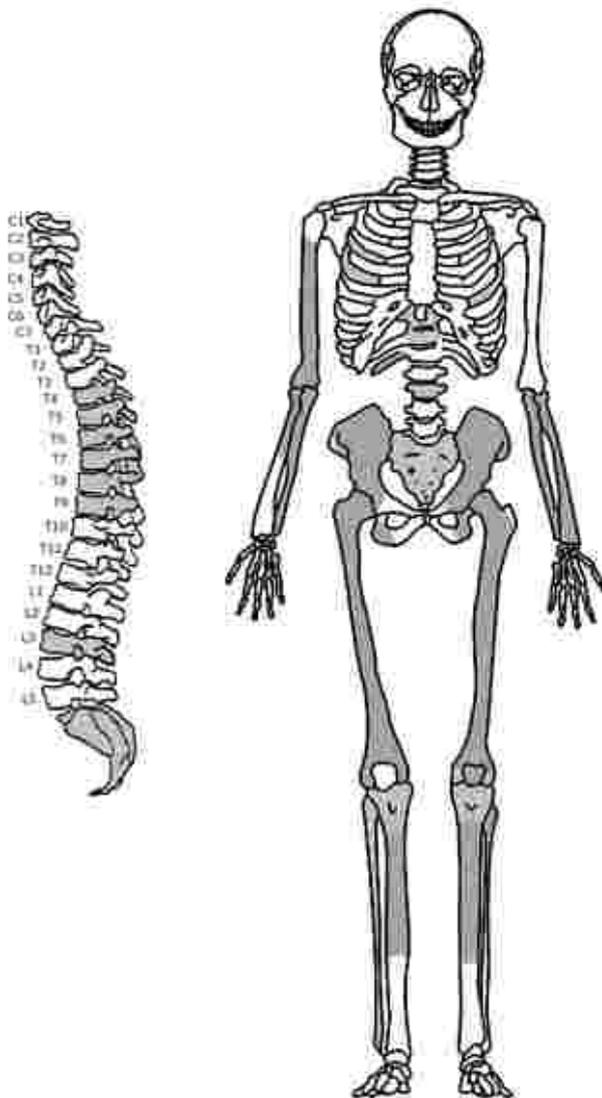
Burial Position and Details:

Plan No: 25A/ 37

Area No: 17/24

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both the arms and the legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 578: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 580

Adult

Sex Not Recordable

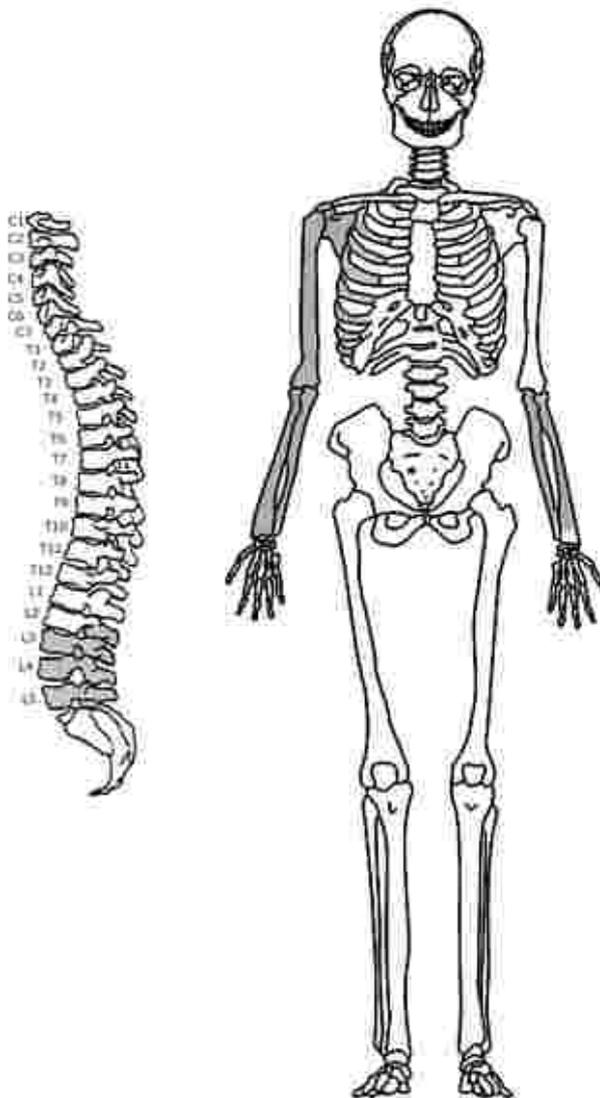
Burial Position and Details:

Plan No: 28D

Area No: 12

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Taphonomy: Slight patchy surface erosion and discreet root action noted on a number of skeletal elements.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R.Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
L2	N/R	N/R	0	0				0	0			
L3	4	4	0	0				0	0			
L4	4	4	0	0				0	0			
L5	4	4	0	0				0	0			

SK 580: Palaeopathological Summary and Differential Diagnoses

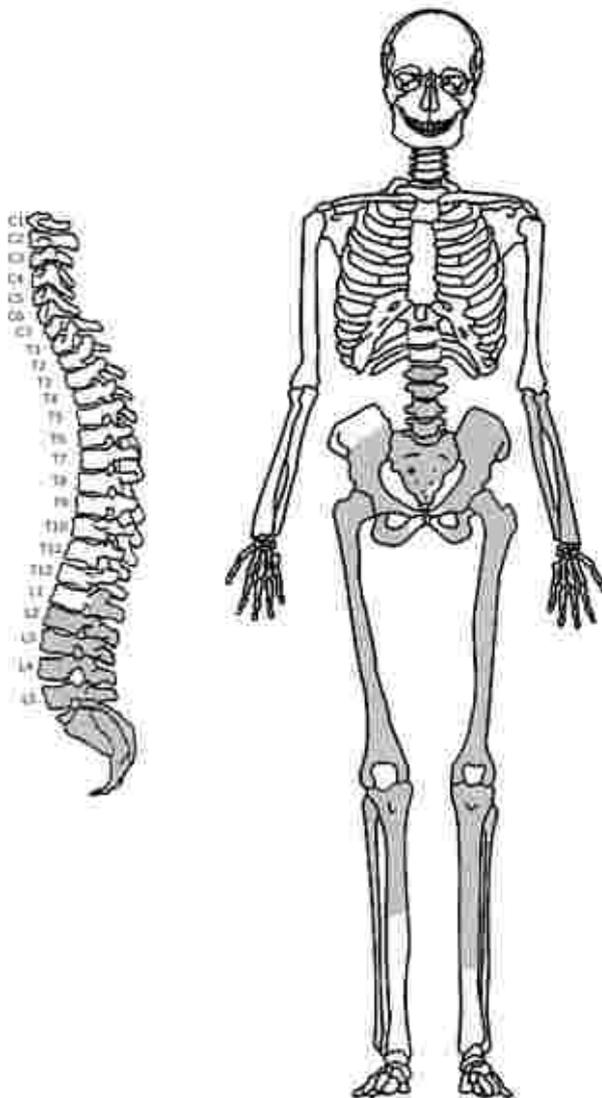
No pathological lesions were observed on the skeletal elements present for analysis.

SK 581**Young Adult****Male: 161.13 ± 3.27 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The left arm was extended with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Congenital

Cleft Neural Arch Defect

SK 581 exhibits a cleft neural arch defect present at the level of the all five sacral segments (S1-S5).

SK 581: Palaeopathological Summary and Differential Diagnoses

Congenital Cleft neural arch defect

SK 585

Young Adult

Female: 150.31 ± 3.55 cm

Burial Position and Details:

Plan No: 26E

Area No: 3

Orientation not specified: simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Fracture

A possible fracture is present at the shaft of an unnumbered intermediate foot phalanx. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable.

SK 585: Palaeopathological Summary and Differential Diagnoses

Trauma Fracture

SK 589**Young Adult****Female: 157.56 ± 3.55 cm****Burial Position and Details:**

Plan No: 25F

Area No: 4

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned on the left side. Both arms were flexed at the elbow crossing the chest and pelvis respectively with the left hand over the chest and the right hand positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	2	2	1	1	1	1	2	1	1	1	1	1	2	2	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	2	1	1	1	2	2	2	2	1	1	1	2	2	1

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 4 (foramina have linked into the trabecular structure) CO is exhibited in the antero-lateral, antero-intermediate, antero-medial and middle-lateral sector of the left orbital roof and the antero-intermediate and antero-medial sector of the right orbital roof.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/P	N/P	N/P				N/P	N/P			
C2	0	0	0	N/R				N/R	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	N/R	N/R	0	0				0	0			
T1	N/R	N/R	0	0	N/R	N/R	N/R	0	0	0	N/R	0
T2	N/R	N/R	0	0	N/R	N/R	0	0	0	0	N/R	0
T3	N/R	N/R	0	0	0	0	0	0	0	N/R	N/R	0
T4	0	0	4	4	0	0	N/R	0	0	0	4	N/R
T5	0	0	4	0	0	N/R	N/R	0	0	N/R	N/R	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	3	N/R	0	0	0	0
T8	0	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T9	0	0	0	0	0	0	4	0	0	0	0	0
T10	0	5	0	0	4			0	0	0		
T11	5	5	0	0	0			0	0	0		
T12	5	5	0	0	0			0	0	0		
L1	5	5	0	0				0	0			
L2	5	5	0	0				0	0			
L3	5	5	0	0				0	0			
L4	5	0	0	0				N/R	0			
L5	5	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T10, T11, T12, L1, L3, L4 and L5. Schmorl's nodes of moderate expression are present at the vertebral bodies of L1, L2 and L3.

SK 589: Palaeopathological Summary and Differential Diagnoses

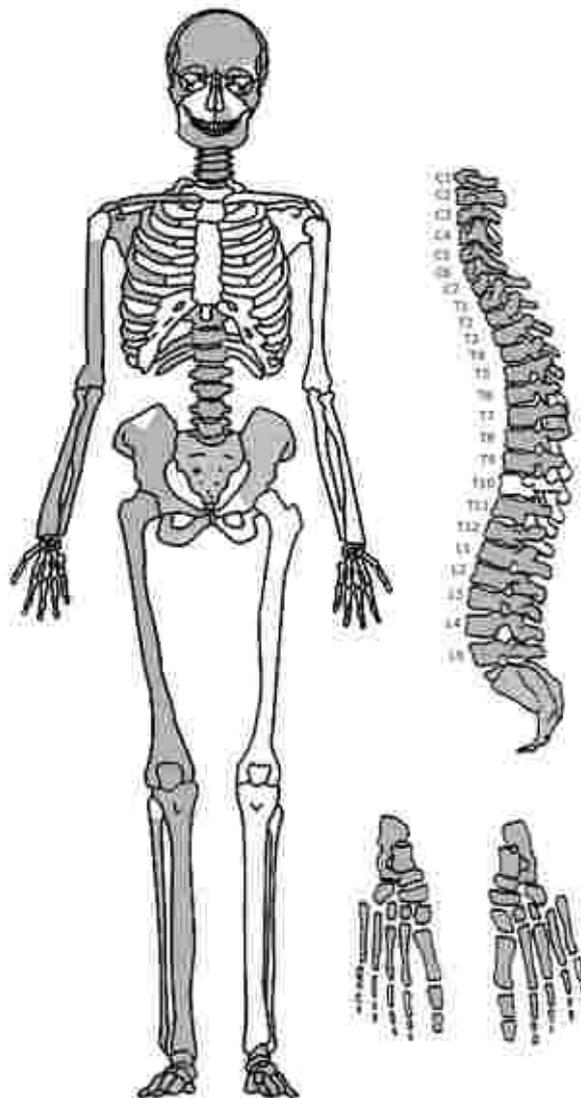
Dental Calculus, dental attrition
Vertebral Schmorl's nodes
Metabolic CO

SK 592**Old Adult****Female: 152.89 ± 3.55 cm****Burial Position and Details:**

Plan No: 35A

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The left arm was extended with the right arm flexed at the elbow crossing the pelvis. The right leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

Dentition

Attrition	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P								
Period. Dis.	N/P	N/P	3	3	3	0	N/R	3	3	N/P							
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
Cyst	N/P	N/P	0	0	0	0	0	0	0	N/P							
Abscess	N/P	N/P	0	0	1	0	0	0	0	N/P							
Caries	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
Calculus	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
	N/P	N/P	4	4	4	2	2	4	4	N/P							
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	4	4	4	4	4	2	2	2		2	2	2	2	4	4	4	4
Calculus	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
Caries	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
Abscess	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
Period. Dis.	0	0	0	0	N/R	0	0	0	0	0	0	3	3	3	3	3	3
Attrition	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							

Dental Disease

Antemortem Tooth Loss

SK 592 exhibits extensive periodontal disease and alveolar bone resorption, most notable at the observable left maxilla where the alveolar process has resorped to a distance of only 11.16 mm from the nasal spine. Antemortem tooth loss affects 14 of the 25 observable tooth sockets. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Abscess

Tooth 23: A large abscess is present at apex of tooth socket; no remodelling evident

Tooth 33: A large abscess is present at apex of tooth socket; no remodelling evident

Tooth 34: A large abscess is present at apex of tooth socket; no remodelling evident

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/R	4	0				N/R	N/R			
C2	3, 4	3	3	3				0	3, 4			
C3	4	4	3	3				3, 4	3, 4			
C4	3, 4	3, 4	3, 4	3, 4				3, 4	0			
C5	3, 4	3, 4	3, 4	3, 4				0	0			
C6	3, 4	3, 4	3, 4	0				0	0			
C7	3, 4	3, 4	0	0				0	0			
T1	4	3, 4	3, 4	0	0	0	3	0	0	0	0	3
T2	4	3, 4	0	0	0	N/R	0	0	0	0	4	0
T3	4	3, 4	0	4	4	N/R	0	0	0	0	4	N/R
T4	4	4	4	4	N/R	N/R	0	0	4	0	4	N/R
T5	4	4	4	N/R	4	4	0	3, 4	N/R	0	4	0
T6	4	4	4	0	0	4	N/R	4	4	0	4	0
T7	4	4	0	3	4	4	N/R	3	0	4	4	0
T8	4	4	0	3, 4	0	3, 4	N/R	0	3	4	0	0
T9	4	N/R	3, 4	3	4	N/R	N/R	4	3, 4	0	0	N/R
T11	0	N/R	3	1	4			3, 4	1	0		
T12	5	4	1	1	0			1	0	4		
L1	5	5	1	4				0	3			
L2	4	4	3	N/R				3	0			
I 3	3	3, 4	0	0				0	0			
I 4	3, 4	4	0	0				0	0			
I 5	4	4	0	3, 4				N/R	3, 4			

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of T12 and L1.

Trauma/ Metabolic

Pathological Fractures

SK 592 exhibits pathological fractures at the vertebra and the right distal ulna that are consistent with a diagnosis of osteoporosis.

A total of 5 compression fractures are present at T6, T11, T12, L1 and L3 respectively resulting in a wedge-shaped appearance to the affected vertebral bodies. These fractures have resulted in secondary angular kyphosis of the spine and traumatic ankylosis at the superior and inferior apophyseal facets of T11, T12 and L1.

A healed possibly spiral fracture is present at the distal shaft of the right ulna. The fracture line is no longer evident due to extensive healing. Healing in the form of sclerotic callus bone formation is also observable resulting in a thickened diaphysis at the point of the fracture.

Musculo-Skeletal Stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the antero-superior aspect of the right patella.

Complete Fractures

A complete fracture is present at the body of one unnumbered right rib fragment. This fracture was in the process of healing at the time of death as callus formation is in the form of woven bone only. The fracture line is clearly discernible on the visceral surface of the rib fragment.

A second complete fracture is present at the proximal articular surface and proximal shaft of an unnumbered left proximal foot phalanx. The fracture line is still evident and traverses the joint surface. Healing in the form of sclerotic callus bone formation is observable at the medial aspect of the proximal diaphysis where the fracture line is partially healed.

Joint

SK592 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity, marginal osteophytes	Right clavicle
<i>Ribs</i>	Marginal osteophytes	2x Right Costal Facets
<i>Elbow</i>	Surface porosity, marginal osteophytes	Right proximal ulna and radius
<i>Wrist</i>	Surface porosity, marginal osteophytes	Right distal ulna and radius
<i>Hip</i>	Marginal osteophytes	Left and Right Acetabulum
<i>Knee</i>	Marginal osteophytes	Right femoral head Right Femoral and Tibial Condyles
<i>Foot</i>	Marginal osteophytes	Left Talus

SK 592: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, dental abscess, periodontal disease
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, Traumatic ankylosis, Secondary kyphosis
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	Osteoporosis
<i>Trauma</i>	Pathological Fractures, Secondary ankylosis and kyphosis

SK 593

Young Adult

Probable Female: 161.5cm

Burial Position and Details:

Plan No: Not specified

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	N/R	0	N/R	1	0	N/R	0	N/R	N/R	0	0	0	1	1	1	0
Period. Dis.	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0
E.Hypoplasia	N/R	0	0	0	0	N/R	0	N/R	N/R	0	0	0	0	0	0	0
Cyst	N/R	0	1	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0
Abscess	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0
Caries	N/R	0	3	0	0	N/R	0	N/R	N/R	0	0	0	0	0	0	0
Calculus	N/R	0	1	1	1	N/R	1	N/R	N/R	1	1	1	0	1	1	1
	2	1	1	1	1	2	1	N/R	2	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	N/R	1	1							
Calculus	1	3	2	1	1	N/R	2	2								
Caries	0	0	0	0	0	N/R	0	0								
Abscess	0	0	0	0	0	N/R	0	0								
Cyst	0	0	0	0	0	N/R	0	0								
E.Hypoplasia	0	0	0	0	0	N/R	0	0								
Period. Dis.	0	0	0	0	0	N/R	0	0								
Attrition	0	1	1	0	0	N/R	1	0								

Dental Disease

Caries, Abscess/ Cyst

Tooth 16: A large carious lesion is present at the tooth crown with an associated abscess/ cyst at the apex of the tooth root.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of T11.

Infection

Reactive Bone Formation

SK 596 exhibits periosteal reactive lesions of 4 left ribs. Reactive bone deposits in the form of both woven and sclerotic bone is present at the visceral surface of the affected rib bodies adjacent to the rib necks.

SK 593: Palaeopathological Summary and Differential Diagnoses

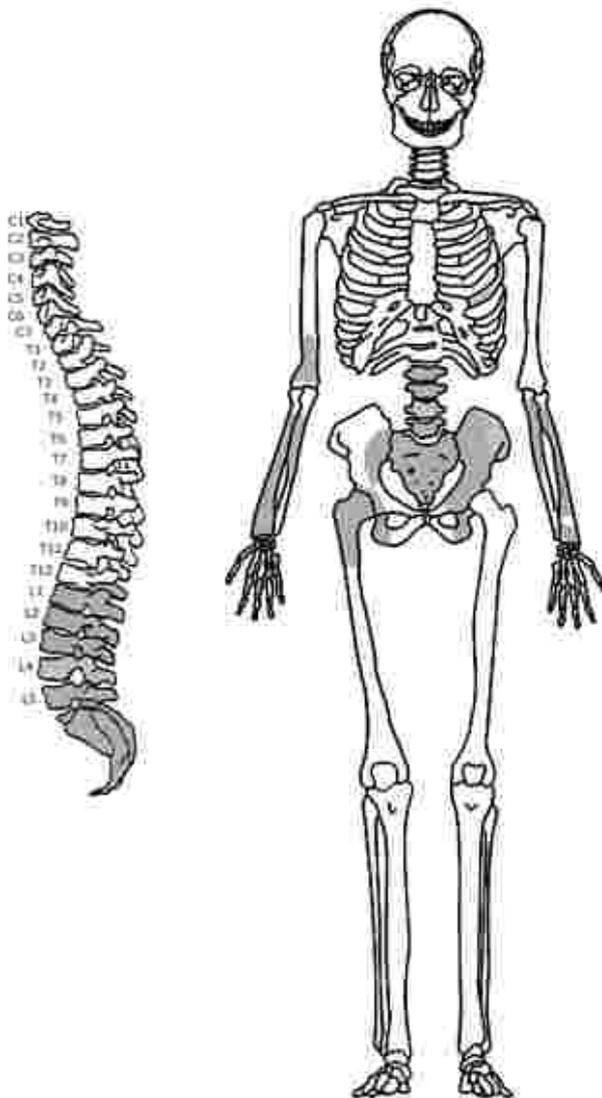
Dental Caries, dental cyst, periodontal disease, calculus, dental attrition
Vertebral Schmorl's node
Infection Non-specific: Reactive bone deposits

SK 594**Middle Adult Probable Male****Burial Position and Details:**

Plan No: 32A

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 594 exhibits a periosteal reactive lesion at the left ilium. Reactive bone deposits in the form of woven bone are present at the posterior aspect of the ilium.

Trauma

Fracture

A fracture of unknown type is present at the mid-shaft of the right MC1. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. Malunion of the fracture has resulted in medial displacement of the fractured end of the bone.

SK 594: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: Reactive bone deposits

Trauma Fracture

SK 597

Young Adult

Female: 152.44 ± 3.55 cm

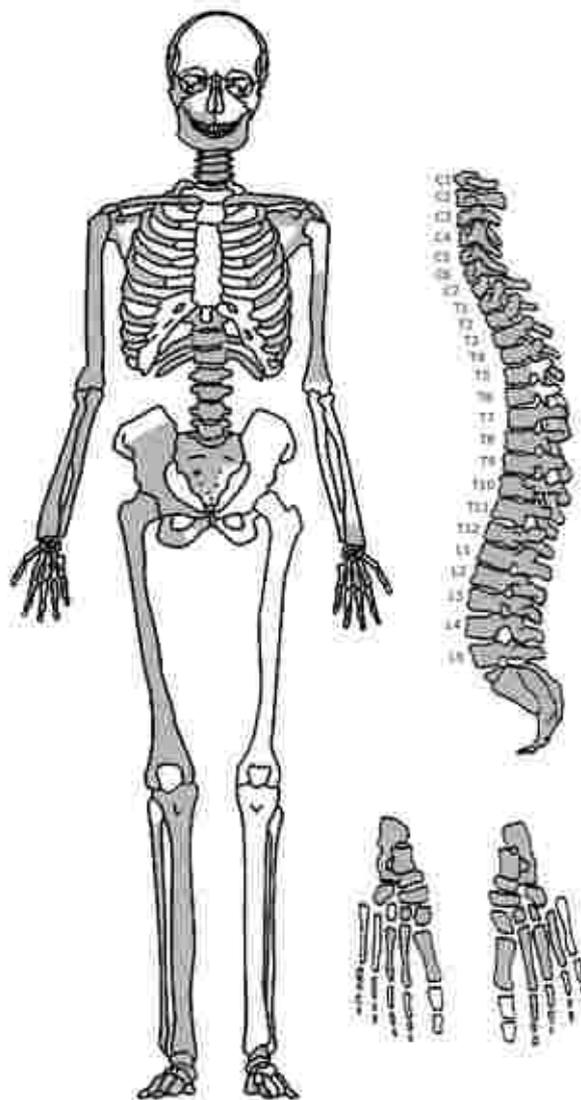
Burial Position and Details:

Plan No: 32B

Area No: 20

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	2	1	1	1	1	N/R	N/P								
Period. Dis.	N/P	0	0	0	0	0	0	N/R	N/P								
E.Hypoplasia	N/P	0	0	0	0	0	0	N/R	N/P								
Cyst	N/P	0	0	0	0	0	0	N/R	N/P								
Abscess	N/P	0	0	0	0	0	0	N/R	N/P								
Caries	N/P	0	0	0	0	0	0	N/R	N/P								
Calculus	N/P	1	1	0	0	0	1	N/R	N/P								
		8	1	1	1	1	1	2	N/P								
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		8	1	1	1	1	2	1	1	1	1	1	1	1	1	1	8
Calculus	N/P	1	2	2	2	N/R	2	2	2	2	2	2	2	1	1	N/P	
Caries	N/P	0	0	0	0	N/R	0	0	0	0	0	0	0	0	0	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	0	0	0	0	N/R	0	0	0	0	0	0	0	0	0	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Attrition	N/P	1	2	1	1	N/R	0	2	2	2	1	1	1	2	1	N/P	

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18, 38 and 48 are missing congenitally.

SK 597: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, Absent third molars

SK 598**Middle Adult****Female: 157.1 ± 3.72 cm****Burial Position and Details:**

Plan No: 35A

Area No: 17

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	0	0	0	0				N/R	N/R			
T1	0	0	0	0	4	0	N/R	0	0	0	0	4
T2	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T3	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T4	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T5	0	0	0	0	0	0	0	0	0	0	0	N/R
T6	0	0	0	0	N/R	0	0	0	0	0	0	N/R
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	5	0	0	0	0	N/R	0	4	0	0	3, 4
T9	3	3, 5	0	0	0	0	4	0	0	0	0	3, 4
T10	3	3, 5	0	N/R	0			N/R	N/R	0		
T11	3	5	0	0	0			0	0	0		
T12	3, 5	5	0	0	3			0	0	0		
I 1	3, 5	3, 5	0	0				0	0			
L2	3	0	0	0				0	0			
L3	3	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	N/R				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T9, T10, T12 and L1. A Schmorl's node of moderate expression is present at the vertebral body of T11.

*Infection**Reactive Bone Formation*

SK 598 exhibits bilateral periosteal reactive lesions of both the right and the left ilium. Reactive bone deposits in the form of sclerotic bone are present on the posterior aspect of the ilium in both cases. Sclerosis of these lesions indicates healing took place before the time of death.

*Trauma**Spondylolysis*

A variation of unilateral spondylolysis is exhibited at the right lamina of L5. The inferior articular facet is absent as a result of this defect.

SK 598: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
Infection Non-specific: Reactive bone deposits
Trauma Spondylolysis

SK 599

Adult

Sex Not Recordable

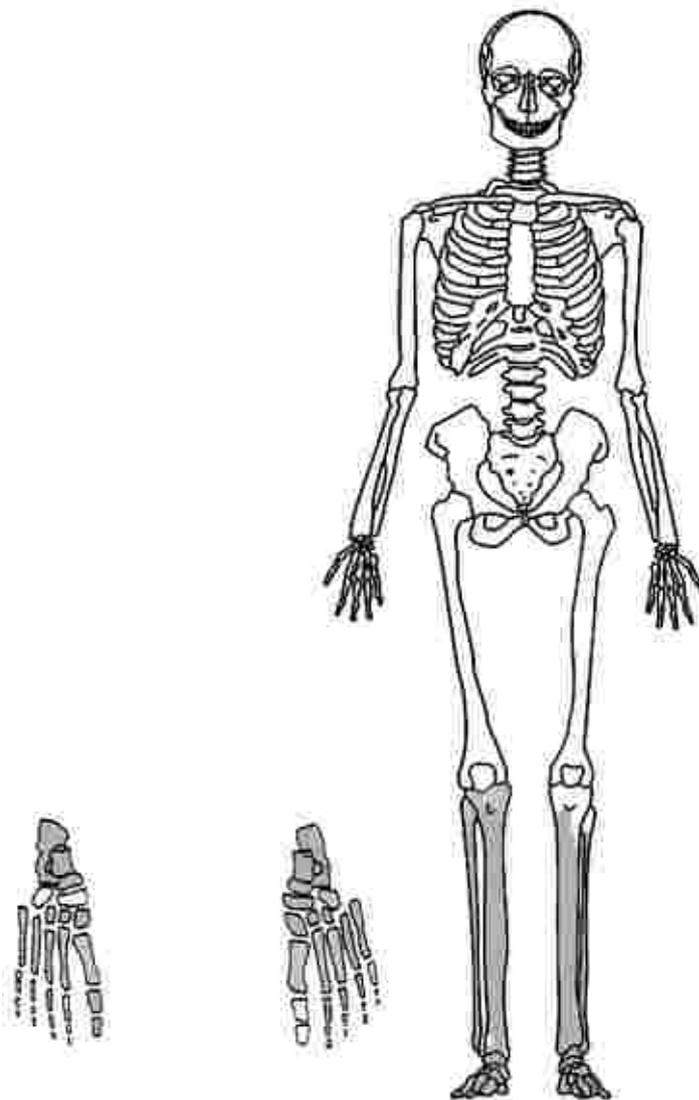
Burial Position and Details:

Plan No: 35A

Area No: 17

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

SK 599: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 601

Adult

Sex Not Recordable

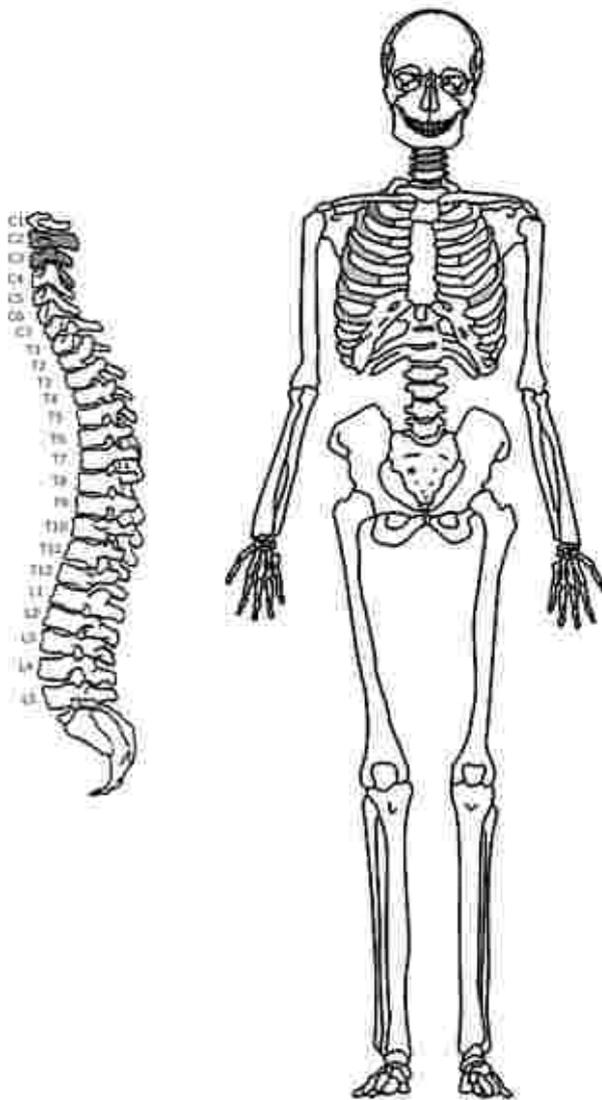
Burial Position and Details:

Plan No: 28D

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100

Average preservation: Grade 0

SK 601: Palaeopathological Summary and Differential Diagnoses

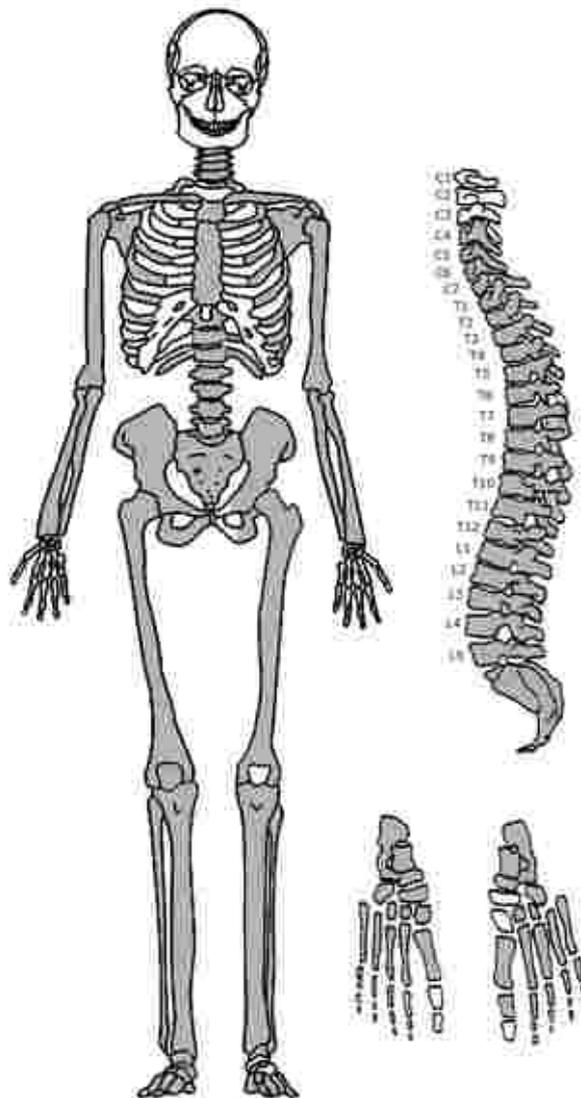
No pathological lesions were observed on the skeletal elements present for analysis.

SK 602**Young Adult****Female: 155.75 ± 3.55 cm****Burial Position and Details:**

Plan No: 28E

Area No: 12/16

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the chest. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	4
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	N/R	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			4	0	0		
T12	0	0	0	0	0			0	0	4		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	4			
L4	5	0	0	0				0	0			
L5	5	0	0	0				0	0			
L6	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of L4 and L5.

Congenital

Os Acromiale

SK 602 exhibits congenital non-union of the right acromion process.

Supernumerary Vertebra

L6 is present

SK 602: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
Congenital Os Acromiale, Supernumerary vertebra

SK 604

Young Adult Female

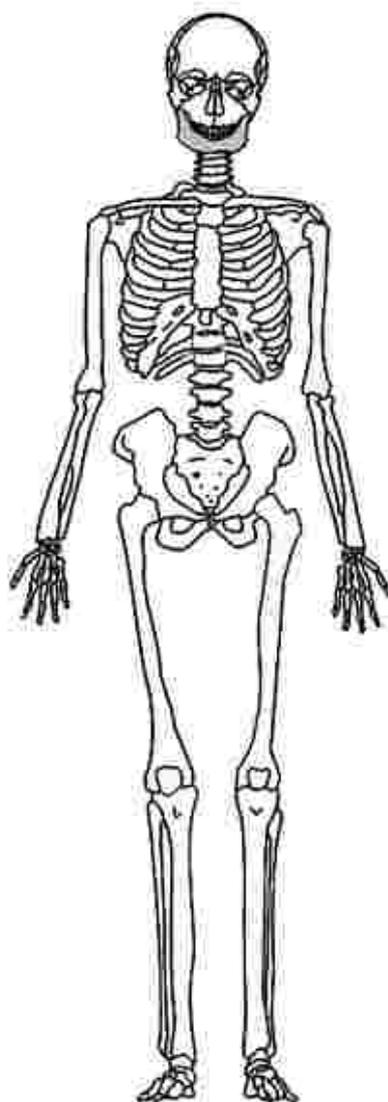
Burial Position and Details:

Plan No: 35A

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	1															
Period. Dis.	N/P	N/R															
E.Hypoplasia	N/P	0															
Cyst	N/P	N/R															
Abscess	N/P	N/R															
Caries	N/P	0															
Calculus	N/P	1															
	N/P	1															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	N/P	1	N/P	N/P	N/P	4	4	2	2	2	2	1	1	
Calculus	1	2	1	N/P	1	N/P	2	1									
Caries	0	0	0	N/P	0	N/P	0	0									
Abscess	0	0	0	N/P	0	N/P	N/P	N/P	0	0	0	0	1	0	0	0	
Cyst	0	0	0	N/P	0	N/P	N/P	N/P	1	0	0	0	0	0	0	0	
E.Hypoplasia	0	0	0	N/P	0	N/P	0	0									
Period. Dis.	0	0	0	N/P	0	N/P	N/P	N/P	N/R	0	0						
Attrition	1	1	1	N/P	1	N/P	1	1									

Dental Disease

Antemortem Tooth Loss

SK 604 exhibits antemortem tooth loss of a mandibular central and lateral incisor. Only partial secondary resorption of the alveolar process has occurred at the affected tooth sites.

Abscess

Tooth 35: Abscess present at the apex of the tooth root possibly leading to antemortem tooth loss of Tooth 35.

SK 604: Palaeopathological Summary and Differential Diagnoses

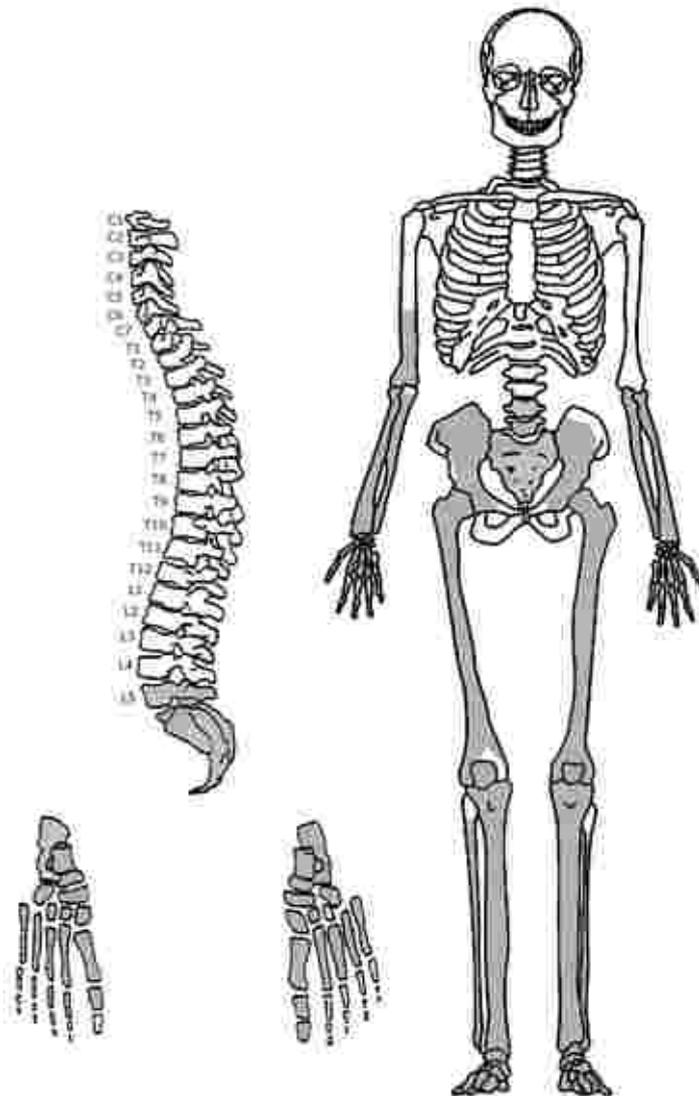
Dental Antemortem tooth loss, dental abscess, calculus, dental attrition

SK 605**Middle Adult****Female: 154.6 ± 3.37 cm****Burial Position and Details:**

Plan No: 30C

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Joint

SK 605 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Elbow</i>	Surface porosity	Right distal humerus
<i>Hip</i>	Eburnation, surface porosity, marginal osteophytes	Left and Right Acetabulum and Femoral head
<i>Knee</i>	Surface porosity	Right Femoral Condyles Right Tibial Condyles

SK 605: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis, DJD

SK 606**Middle Adult****Male: 168.59 ± 2.99 cm****Burial Position and Details:**

Plan No: 30C

Area No: 16

N-S orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. The left leg was raised at the knee (due to pathology) and the right leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	1	N/P	N/P	N/P	2	2	2	2	N/P	2	N/P	N/P	N/P	3	N/P
Period. Dis.	N/P	0	0	0	0	N/P	N/P	N/P	N/P	0	N/P	0	0	0	1	0
E.Hypoplasia	N/P	0	N//P	N//P	N//P	0	0	0	0	N//P	0	N//P	N//P	N//P	0	N//P
Cyst	N/P	0	0	0	0	N/P	N/P	N/P	N/P	0	N/P	0	0	0	0	0
Abscess	N/P	0	0	0	0	N/P	N/P	N/P	N/P	0	N/P	0	0	0	0	0
Caries	N/P	0	N/P	N/P	N/P	1	0	0	0	N/P	0	N/P	N/P	N/P	1	N/P
Calculus	N/P	1	N/P	N/P	N/P	1	1	1	1	N/P	1	N/P	N/P	N/P	1	N/P
	N/P	1	2	2	2	1	1	1	1	2	1	2	2	2	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	2	1	2	2	2	2	1	2	1	4	1	1
Calculus	2	2	2	1	N/P	1	N/P	N/P	N/P	N/P	1	N/P	1	N/P	1	1
Caries	0	0	0	0	N/P	0	N/P	N/P	N/P	N/P	0	N/P	0	N/P	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	N/P	0	N/P	N/P	N/P	N/P	0	N/P	0	N/P	0	0
Period. Dis.	2	2	2	1	0	N/R	0	0	0	0	2	0	2	3	3	2
Attrition	1	1	2	2	N/P	2	N/P	N/P	N/P	N/P	1	N/P	2	N/P	3	2

Dental Disease

Antemortem Tooth Loss

SK 606 exhibits antemortem tooth loss of a mandibular 1st molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 13: Small carious lesion present at medial aspect of neck of tooth

Tooth 27: Medium sized carious lesion present on occlusal surface of tooth which has penetrated the pulp cavity

Cranial Pathology

*Metabolic**Cribræ Orbitalia (CO)*

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate and antero-medial sector of the left orbital roof and the antero-lateral, antero-intermediate, antero-medial, middle-lateral and middle-intermediate sector of the right orbital roof.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	3, 4	4	0				4	0			
C4	3, 4	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	N/R	0				3, 4	3, 4			
T1	0	0	4	4	3	4	0	4	0	0	0	0
T2	0	0	N/R	0	N/R	0	N/R	0	N/R	0	0	N/R
T3	0	0	0	0	0	0	3, 4	0	0	0	0	0
T4	0	0	0	4	0	0	0	0	0	0	0	0
T5	0	0	0	3, 4	0	0	0	0	3, 4	0	0	0
T6	0	0	4	0	0	0	0	4	0	0	0	0
T7	3	3	4	4	4	0	0	4	4	0	0	0
T8	3	3	N/R	N/R	N/R	N/R	N/R	0	N/R	0	0	N/R
T9	3	3	0	4	0	N/R	N/R	0	4	0	0	N/R
T10	N/R	N/R	0	0	0			0	0	N/R		
T11	N/R	N/R	0	0	0			0	0	4		
T12	0	N/R	0	3	0			0	3, 4	0		
L1	0	0	0	0				0	4			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	3	0	0	0				0	0			
L5	0	0	3, 4	0				0	0			

*Trauma**Spiral Fracture*

A fracture is present at the medial 1/3 diaphysis of the left clavicle. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. Malunion of this fracture has resulted in anterior-medial displacement of the fractured end of

the bone and significant secondary shortening of the bone shaft by 23mm in comparison to the right clavicle.

Trauma

SK 606 exhibits a central fracture-dislocation of the head of the left femur through the obturator foramen in the left hip joint. Spherical new bone has formed around the head of the femur, resulting in limited mobility of the left hip joint. This deformity would have resulted in a permanent angulation of the left leg at approximately 90° to the pelvic girdle in life. The dislocation has resulted in secondary DJD at the left femoral head in the form of extensive marginal osteophytes and sclerotic bone at the original acetabular surface. Minimal musculo-skeletal stress markers and the lack of load-bearing markers of the spine and compensatory DJD of the unaffected right limb indicate possible paralysis of the legs in life. In addition both tibiae appear to have relatively narrow and underdeveloped shafts possibly indicative of bone tissue wastage due to underuse in life.

Joint

SK 606 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Left Humeral Head Left and Right glenoid fossa
<i>Elbow</i>	Surface porosity, marginal osteophytes	Left and right distal humerus
<i>Wrist</i>	Surface porosity, marginal osteophytes	Left and right triquetrum Left pisiform
<i>Hip</i>	Marginal osteophytes	Right Acetabulum and femoral head

SK 606: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
Joint Osteoarthritis, DJD
Metabolic CO
Trauma Central fracture dislocation

SK 607

Adult

**Probable Male: 168.46 ± 2.99
cm**

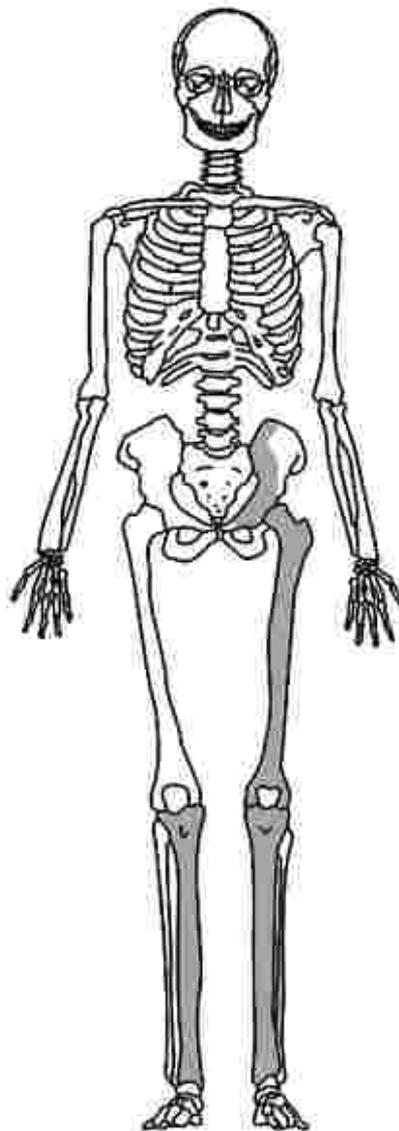
Burial Position and Details:

Plan No: 32A

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Taphonomy: Animal gnawing marks were noted on the left ilium.

Post Cranial Pathology

Trauma

Musculo-skeletal Stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the lateral proximal left tibia.

SK 607: Palaeopathological Summary and Differential Diagnoses

Trauma Musculo-skeletal Stress

SK 608**Young Adult****Female: 151.8± 2.99 cm****Burial Position and Details:**

Plan No: 32C

Area No: 20

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	0	0	0	2	N/P	N/P
Period. Dis.	N/P	0	0	0	0	0	0	N/P								
E.Hypoplasia	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	N/P	N/P
Cyst	N/P	0	0	0	0	0	0	N/P								
Abscess	N/P	0	0	0	0	0	0	N/P								
Caries	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	1	0	0	N/P	N/P
Calculus	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P	0	1	1	2	N/P
	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	2	2	1	1	1	2	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	N/P
Calculus	1	1	1	1	1	1	1	N/P	N/P	N/P	N/P	1	1	N/P	N/P	N/P
Caries	2	2	3	1	0	0	0	N/P	N/P	N/P	N/P	0	2	N/P	N/P	N/P
Abscess	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	N/P	N/P	N/P
Period. Dis.	0	0	N/R	0	0	0	0	N/R	N/R	0	0	0	0	0	0	N/P
Attrition	0	1	2	2	2	2	2	N/P	N/P	N/P	N/P	0	1	N/P	N/P	N/P

Dental Disease

Caries/ Abscess/ Cyst

Tooth 33: Small carious lesion present on the lateral aspect of tooth 33 at the neck of the tooth

Tooth 35: Medium-sized carious lesion present on the lateral aspect of tooth 35 at the neck of the tooth

Tooth 46: Large carious lesion present on tooth 46 penetrating the pulp cavity; the majority of the tooth has been eroded by the lesion; associated abscess

Tooth 47: Medium-sized carious lesion present at the neck of the tooth on the buccal aspect

Tooth 48; 2 carious lesions present on this tooth; one lesion is present on the buccal aspect at the neck of the tooth with the 2nd lesion exhibited on the buccal aspect of the body of the tooth

Cranial Pathology

*Metabolic**Porotic Hyperostosis*

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology*Congenital**Abnormality of Shape*

A deep, large spherical concavity is exhibited on the latero-superior border on the posterior aspect of the left scapula. The depression is located immediately medial to the glenoid fossa and measures 24.0mm medial-lateral, 27.7mm superior-inferior and a maximum of 18.07mm in depth. The defect has not affected the formation of the acromion process or the glenoid fossa. As there are no clear signs of pathological change this abnormality is perhaps congenital in origin.

SK 608: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition
Metabolic PH
Congenital Abnormality of Shape

SK 609

Adult

Probable Female

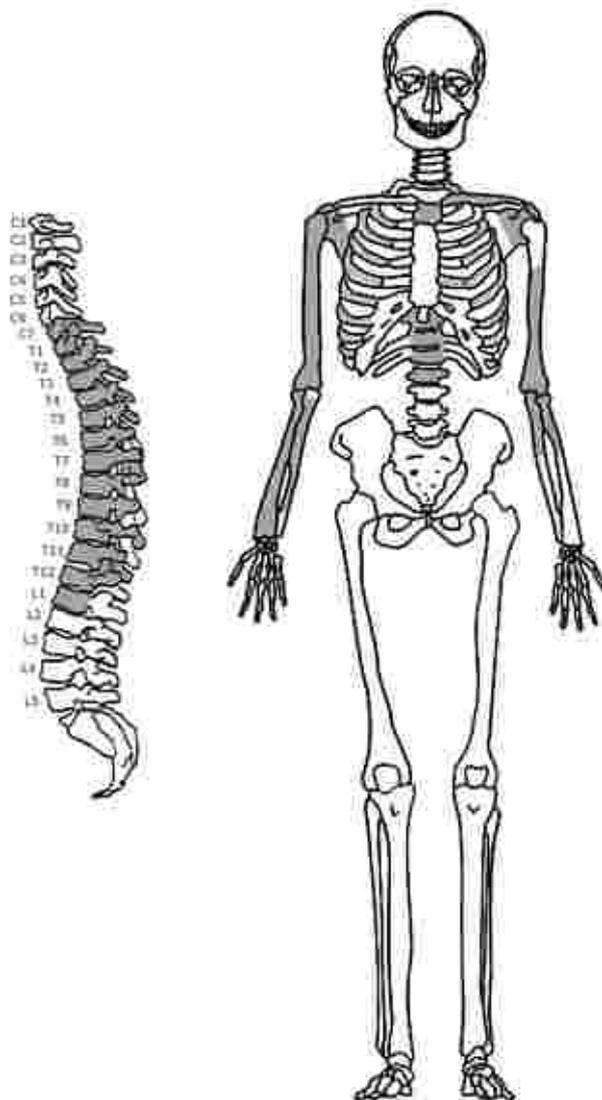
Burial Position and Details:

Plan No: 28E

Area No: Not specified

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%
 Approximate Fragmentation: 75-100%
 Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	3	0	0	0				0	0			
T1	4	3	0	0	4	4	0	0	0	4	0	N/R
T2	0	0	0	0	4	4	0	0	0	0	0	N/R
T3	0	0	0	0	0	4	0	0	0	0	0	0
T4	0	0	0	4	0	4	3	0	0	0	4	N/R
T5	0	0	0	0	0	0	3	0	0	4	0	N/R
T6	0	0	0	0	0	4	3	0	0	4	4	N/R
T7	0	0	0	0	0	4	0	0	N/R	0	0	N/R
T8	0	5	0	0	0	0	0	0	0	N/R	0	N/R
T9	5	5	0	0	0	0	0	0	0	0	N/R	N/R
T10	5	5	0	0	0			0	0	0		
T11	0	0	0	0	4			0	0	0		
T12	0	3	0	N/R	0			0	0	N/R		
I 1	5 + 3	N/R	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T8, T9, T10 and L1.

SK 609: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 610

Middle Adult Probable Female

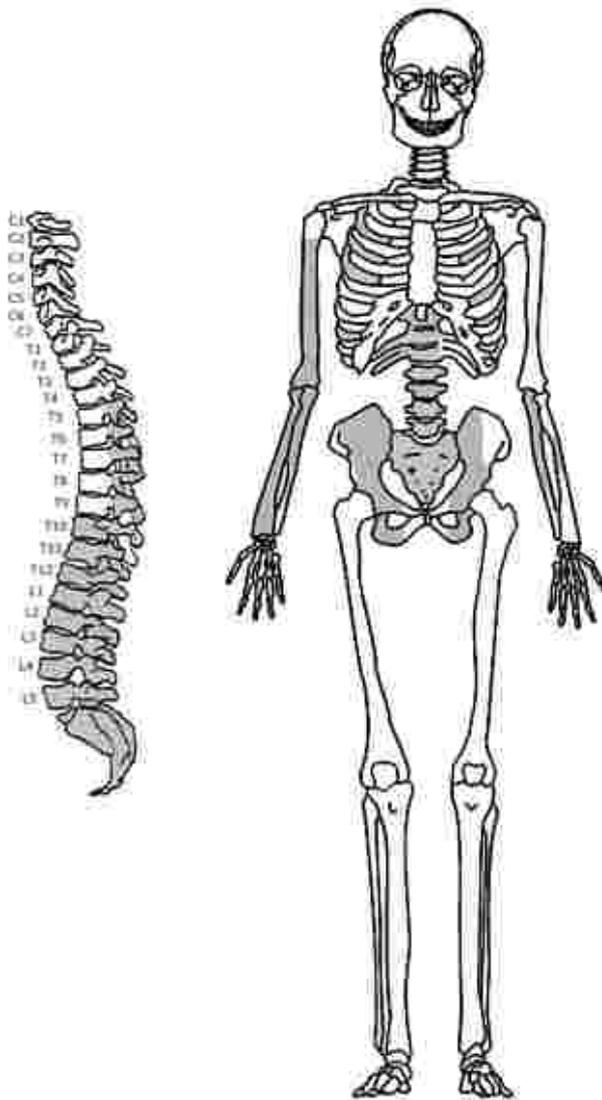
Burial Position and Details:

Plan No: 28B

Area No: 12

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the left hand positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 610: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal element present for analysis.

SK 611

Adult

Probable Male

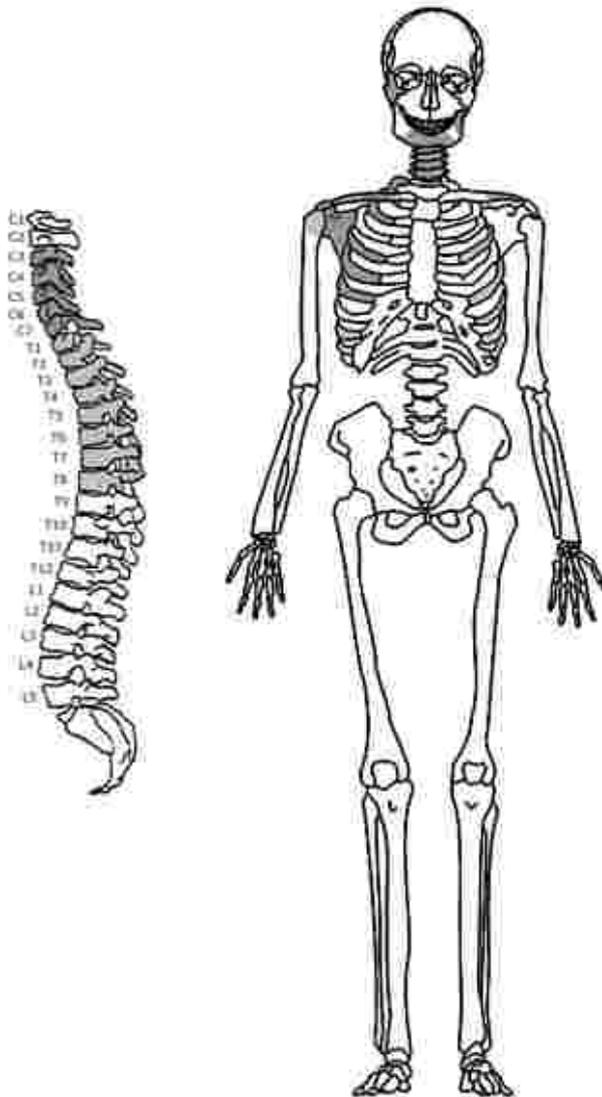
Burial Position and Details:

Plan No: 30B

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P								
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P								
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P								
Calculus	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P								
	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P								
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/R	N/R	2	1	1	1	2	2	2	2	2	N/R	1	1	2	2
Calculus	N/R	N/R	N/P	0	0	1	N/P	N/P	N/P	N/P	N/P	N/R	1	0	N/P	N/P
Caries	N/R	N/R	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	N/R	0	0	N/P	N/P
Abscess	N/R	N/R	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0
Cyst	N/R	N/R	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0
E.Hypoplasia	N/R	N/R	N/P	0	1	1	N/P	N/P	N/P	N/P	N/P	N/R	0	0	N/P	N/P
Period. Dis.	N/R	N/R	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0
Attrition	N/R	N/R	N/P	2	2	1	N/P	N/P	N/P	N/P	N/P	N/R	2	3	N/P	N/P

Dental Disease

Enamel Hypoplasia

Tooth 43: 2 hypoplastic grooves present; 4.64mm and 5.45mm from the cemento-enamel junction respectively

Tooth 44: 1 hypoplastic groove present; 5.20mm from the cemento-enamel junction

SK 611: Palaeopathological Summary and Differential Diagnoses

Dental Enamel hypoplasia, calculus, dental attrition

SK 614

Adult

Sex Not Recordable

Burial Position and Details:

Plan No: Not specified

Area No: 23

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 614: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 615

Young-Middle Adult

Indeterminate Sex

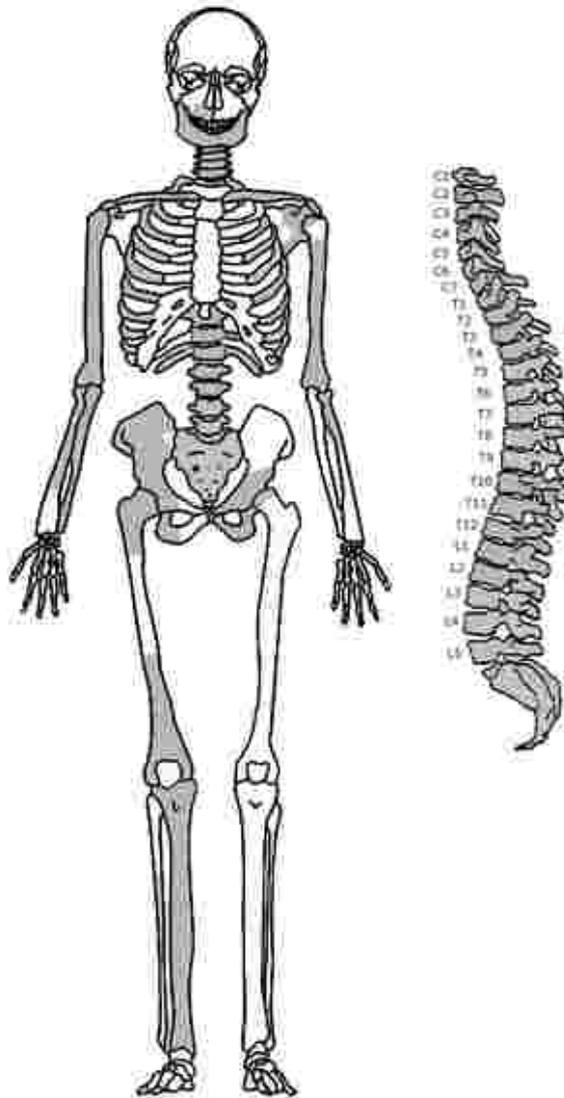
Burial Position and Details:

Plan No: 32B

Area No: 20

E-W orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were extended with the hands positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/R	1	1	1	1	1	0	1	N/P	N/P	N/P	N/P	N/P	3	N/P	N/P
Period. Dis.	N/R	N/R	2	1	2	2	2	2	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P
E.Hypoplasia	N/R	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P
Cyst	N/R	N/R	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P
Abscess	N/R	N/R	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P
Caries	N/R	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P
Calculus	N/R	1	1	1	1	1	1	1	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P
	2	1	1	1	1	1	1	1	N/P	N/P	N/P	N/P	N/P	1	N/P	8
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	1	1	1	4	4	1
Calculus	1	1	1	1	1	1	1	1	N/R	1	1	1	1	N/R	N/R	3
Caries	2	0	3	0	0	0	0	0	N/R	0	0	0	0	N/R	N/R	3
Abscess	0	0	0	0	0	0	0	0	N/R	0	0	0	0	N/R	N/R	0
Cyst	0	1	0	0	0	0	0	0	N/R	0	0	0	0	N/R	N/R	0
E.Hypoplasia	0	0	N/R	0	1	0	0	0	N/R	0	0	1	0	N/R	N/R	N/R
Period. Dis.	2	3	2	1	1	1	2	2	N/R	3						
Attrition	2	2	3	1	1	1	1	2	1	1	1	1	1	N/R	N/R	N/R

Dental Disease

Antemortem Tooth Loss

SK 615 exhibits antemortem tooth loss of 2 mandibular molars. Complete resorption of the alveolar process has occurred at the affected tooth sites.

Caries, Cyst/ Abscess

Tooth 38: A large carious lesion is present on the mesial aspect of the tooth affecting both the crown and the root.

Tooth 46: A large carious lesion is present affecting the buccal and distal aspect of the tooth crown

Tooth 47: A cyst/ abscess is present at the distal root on the buccal aspect of the alveolar bone.

Tooth 48: A medium-sized carious lesion is present on the mesial aspect of the neck of the tooth

Enamel Hypoplasia

Tooth 34: 1 hypoplastic groove present; 2.22mm from the cemento-enamel junction

Tooth 44: 1 hypoplastic groove present; 2.07mm from the cemento-enamel junction

Congenital Abnormalities of the Teeth/ Jaws

Tooth 28 missing congenitally.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	2, 3, 4	2, 3, 4	0	0				0	3			
C2	2, 3, 4	3, 4	0	0				0	0			
C3	3, 4	3, 4	0	0				0	3			
C4	4	3	3	3				4	0			
C5	0	3, 4	N/R	N/R				N/R	N/R			
C6	3, 4	3, 4	N/R	N/R				N/R	N/R			
C7	3, 4	0	N/R	3, 4				0	0			
T1	3, 4	N/R	3	4	N/R	N/R	0	0	3	N/R	N/R	N/R
T2	N/R	3, 4	4	0	0	N/R	0	3, 4	0	4	0	N/R
T3	3, 4	3, 4	0	0	0	N/R	0	0	0	N/R	0	0
T4	3	4	4	3	0	0	0	0	0	N/R	N/R	3
T5	Three unnumbered vertebral bodies are present; one fragment has osteophytes on the superior and inferior articular surface. A second has possible osteochondrosis on the inferior surface. The third has porosity only on the inferior surface.											
T6												
T7												
T8	3, 4	3, 4	N/R	0	4	4	N/R	N/R	0	4	4	0
T9	3, 4	3, 4	N/R	0	0	4	N/R	0	0	N/R	N/R	N/R
T10	3	3, 4	0	0	0			0	0	0		
T11	3, 4	3, 4	0	0	0			0	0	4		
T12	N/R	0*	0	3, 4	0			0	N/R	0		
L1	0	N/R	0	0				0	0			
L2	N/R	N/R	3	0				3, 4	0			
L3	N/R	3, 4	3	3				3, 4	3			
L4	N/R	3, 4	3	3, 4				3	3			
L5	3, 4	3, 4	3	3, 4				0	3, 4			

Intervertebral osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of C7, T8, T9, T10, T11, L1 and L4. Syndesmophyte formation is also observable on the inferior bodies of L1 and L4.

Trauma

Musculo-skeletal Stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the right and left radial tuberosities.

Osteochondritis Dissecans

Subchondral unifocal sclerotic bone formation is observable at the posterior aspect of the lateral condyle of the right femur. The lesion is oval in shape and measures 12.11mm superior-inferior and 11.43mm medial-lateral.

Fracture

A healed fracture of unknown type is present at an unsided rib fragment. The fracture line is still evident. Healing in the form of sclerotic callus bone formation is also observable.

Metabolic

Structural collapse is evident at the vertebral bodies of T8 and T9. The weakened internal structure of these vertebral bodies has resulted in uniform flattening as opposed to the typical anterior wedging in cases of vertebral compression fractures. The severity of the compression of the affected vertebral bodies indicates underlying pathology as a probable cause.

Joint

SK 615 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity, marginal osteophytes	Right and Left mandibular condyles
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Right and Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Left and Right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	3x Left Costal Facets 3x Right Costal Facets
<i>Elbow</i>	Surface porosity, marginal osteophytes	Left distal humerus
<i>Wrist</i>	Surface porosity, eburnation, periarticular resorptive foci	Left and Right proximal radius Left scaphoid and capitate
<i>Hand</i>	Marginal osteophytes, eburnation, surface porosity	Left MC1, MC2, MC3 and 1 st proximal phalanx (proximal articular surface)
<i>Hip</i>	Periarticular resorptive foci, surface porosity,	Right MC1 and 1 st proximal phalanx Left and Right Acetabulum
<i>Knee</i>	surface osteophytes, marginal osteophytes Surface porosity	Right femoral head Right Tibial Condyles

*Congenital**Os Acromiale*

Bilateral congenital non-fusion of the acromion process is observable.

SK 615: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental cyst, periodontal disease, calculus, dental attrition, enamel hypoplasia, Absent third molar
<i>Vertebral Joint</i>	Intervertebral osteochondrosis, vertebral compression fractures Osteoarthritis, DJD
<i>Trauma</i>	Fracture, Osteochondritis Dissecans
<i>Congenital</i>	<i>Os Acromiale</i>

SK 617

Young Adult Male

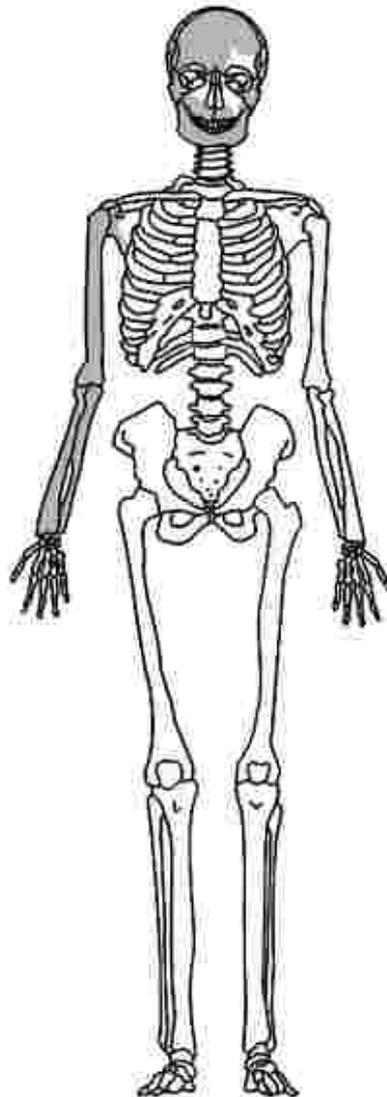
Burial Position and Details:

Plan No: 32C

Area No: 20

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	2	2	1	1	1	N/R	N/P	N/P	N/P	2	1	1	N/P	N/P	N/P
Period. Dis.	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	N/P	N/P
E.Hypoplasia	0	0	0	0	0	0	N/R	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P
Cyst	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	N/P	N/P
Caries	0	0	0	0	0	0	N/R	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P
Calculus	1	1	1	1	1	1	N/R	N/P	N/P	N/P	1	1	1	N/P	N/P	N/P
	1	1	1	1	1	1	3	2	N/P	2	1	1	1	2	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	2	1	N/R	2	2	2	2	2	1	1	1
Caries	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	2	2	1	1	2	2	N/R	2	2	2	1	1	3	2	1

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-intermediate, middle-intermediate and postero-intermediate sector of the right orbital roof.

SK 617: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Metabolic CO

SK 618

Adult

Sex Not Recordable

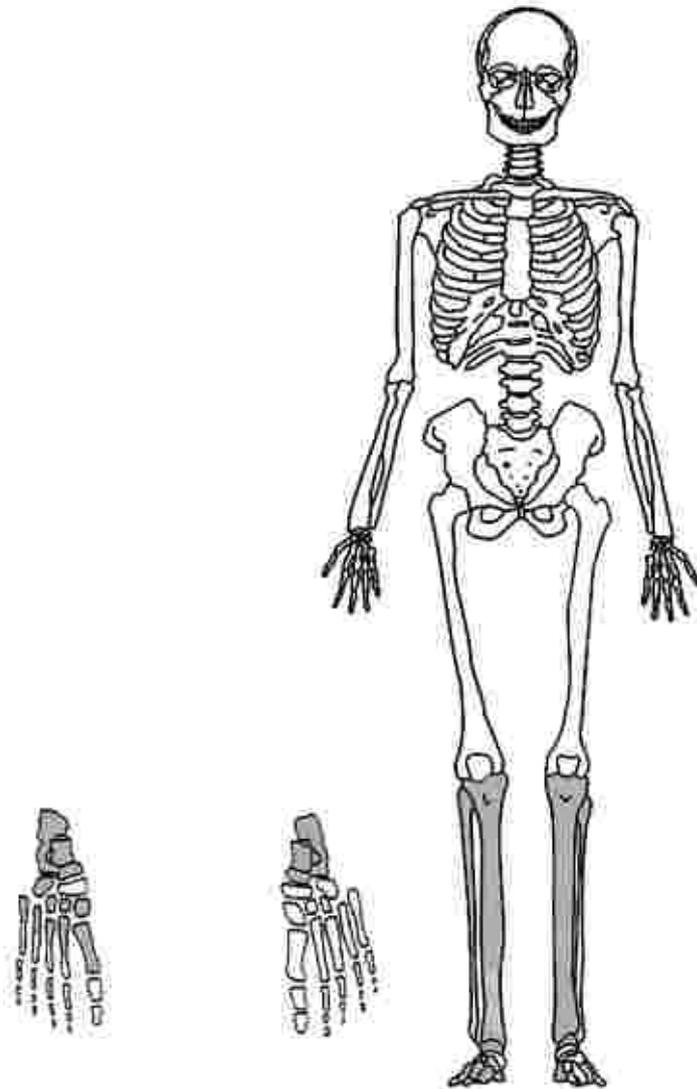
Burial Position and Details:

Plan No: 30C

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Joint

SK 618 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Foot</i>	Surface porosity, marginal osteophytes, eburnation	Right MT1

SK 618: Palaeopathological Summary and Differential Diagnoses

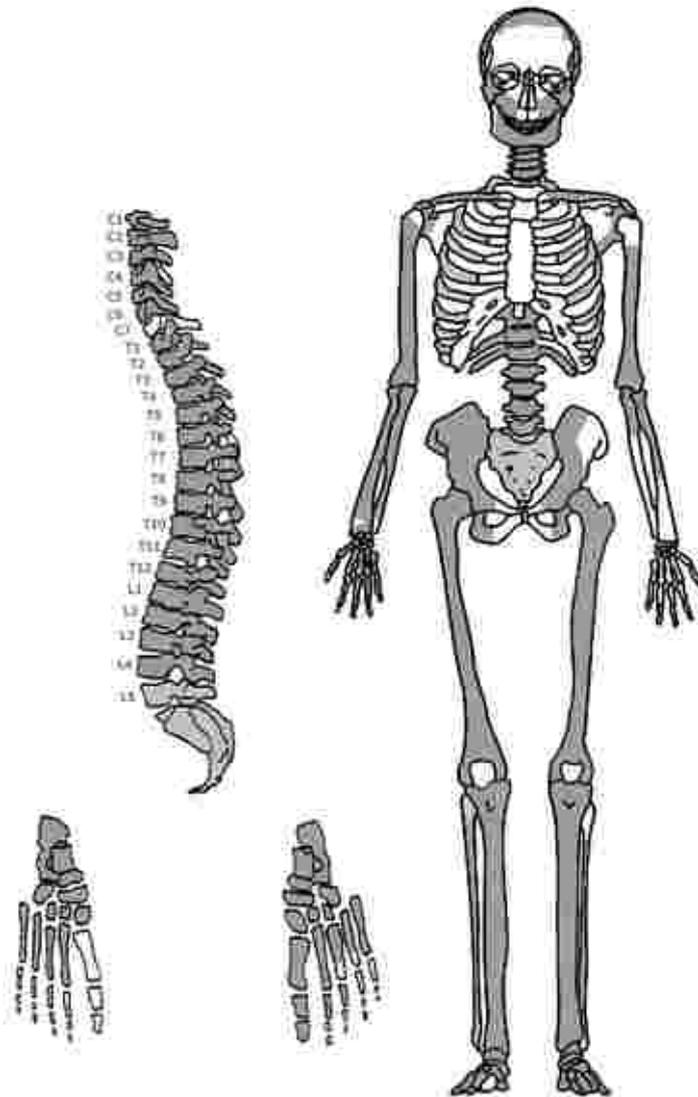
Joint Osteoarthritis

SK 624**Middle Adult****Female: 155.8 ± 3.55 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both the arms and the legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	1	1	N/P	N/P	N/P	N/P	N/P	1	N/P	1	1	2	2	N/P
Period. Dis.	3	1	1	N/R	N/P	N/P	N/P	N/P	N/P	N/P	0	1	1	1	1	3
E.Hypoplasia	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	0	0	0	0	N/P
Cyst	1	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0
Abscess	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	1
Caries	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	0	0	0	1	N/P
Calculus	N/P	2	1	1	N/P	N/P	N/P	N/P	N/P	1	N/P	1	2	2	2	N/P
	4	1	1	1	N/P	N/P	N/P	N/P	N/P	1	2	1	1	1	1	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
Calculus	1	1	1	N/P	N/P	N/P	N/P	N/P	N/P	1	1	1	1	2	2	1
Caries	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0
Period. Dis.	1	1	1	N/R	0	0	1	1	0							
Attrition	2	2	2	N/P	N/P	N/P	N/P	N/P	N/P	1	1	1	1	2	2	2

Dental Disease

Antemortem Tooth Loss

SK 624 exhibits antemortem tooth loss of 2 mandibular 3rd molars. Only partial secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries

Tooth 27: Small carious lesion present at the tooth crown

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 3 (scattered fine foramina) CO is exhibited in the antero-lateral and antero-intermediate sector of the right orbital roof.

SK 624: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
Metabolic CO

SK 625

Old Adult

Probable Female

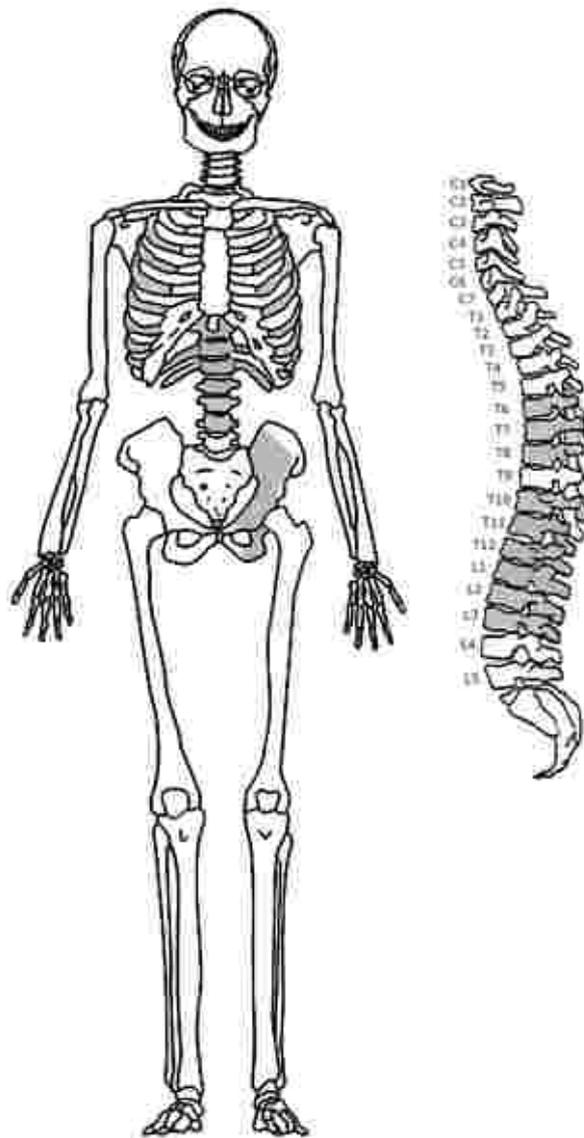
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of 2 unnumbered thoracic centra.

SK 625: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 628

Adult

Probable Male: 164.94 ± 3.27 cm

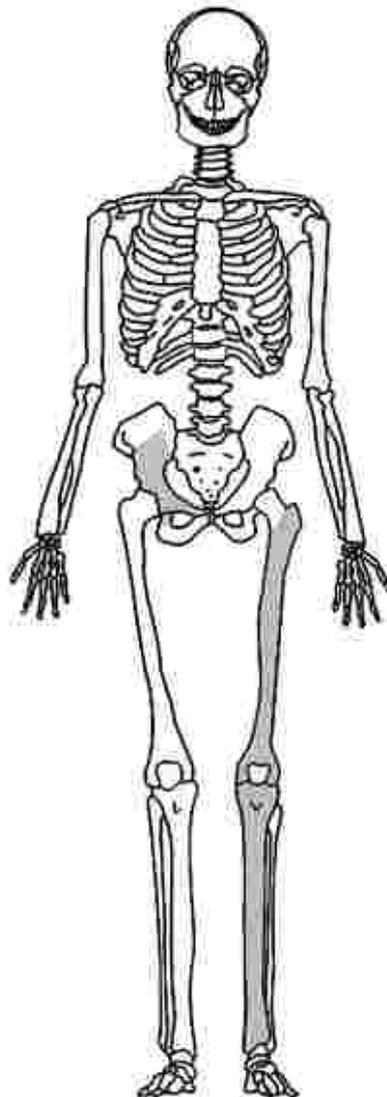
Burial Position and Details:

Plan No: 28E

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 628: Palaeopathological Summary and Differential Diagnoses

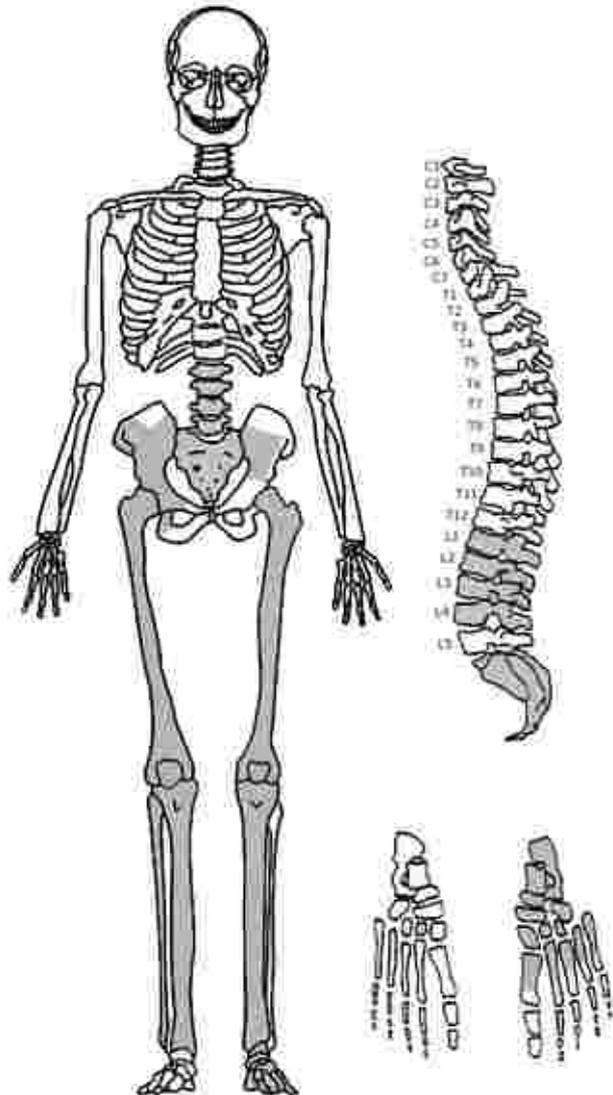
No pathological lesions were observed on the skeletal elements present for analysis.

SK 633 **Old Adult** **Probable Female: 151.93 ± 3.55 cm****Burial Position and Details:**

Plan No: 11B

Area No: 36

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. Both arms were extended with the right hand positioned below the right femur and the left hand above the left femur. Both legs were extended with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Compression Fracture

A compression fracture is present at the vertebral body of L4 resulting in anterior wedging of the vertebra.

SK 633: Palaeopathological Summary and Differential Diagnoses

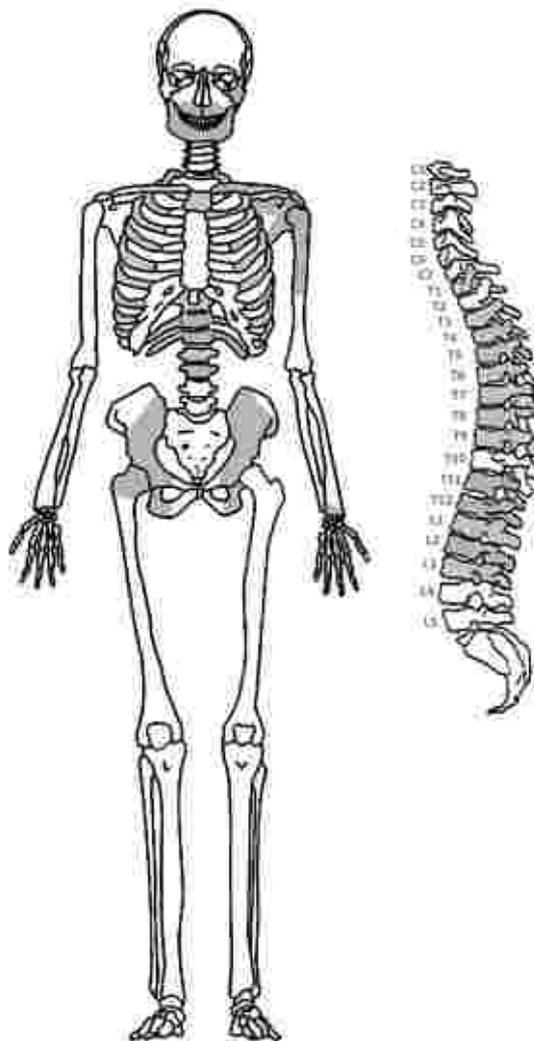
Vertebral Compression fracture

SK 634**Young Adult****Probable Female****Burial Position and Details:**

Plan No: 32C

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The left arm was extended with the left hand by the side of the body. SK634 was found in association with the find F65: a possible bead found at the left side of the pelvis.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	N/R	N/R	1	1	N/P	2	1	1	1	1	1	2	N/P	N/P
Period. Dis.	N/P	N/P	3	3	2	2	3	N/P	N/R	0	0	2	0	2	N/P	N/P
E.Hypoplasia	N/P	N/P	N/R	N/R	0	0	N/P	0	0	0	0	0	0	0	N/P	N/P
Cyst	N/P	N/P	0	0	0	0	0	N/P	N/R	0	0	0	0	0	N/P	N/P
Abscess	N/P	N/P	0	1	0	0	0	N/P	N/R	0	0	0	0	0	N/P	N/P
Caries	N/P	N/P	3	3	1	1	N/P	0	0	0	0	1	2	2	N/P	N/P
Calculus	N/P	N/P	N/R	N/R	1	1	N/P	1	1	1	1	1	0	1	N/P	N/P
	N/P	N/P	5	5	1	1	2	1	1	1	1	1	1	1	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4
Calculus	N/P	1	1	1	1	2	2	2	2	2	1	1	1	N/P	N/P	N/P
Caries	N/P	1	1	0	0	0	0	0	0	0	0	0	1	N/P	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Period. Dis.	3	0	3	0	0	N/R	N/R	0	N/R	N/R	N/R	1	1	3	3	3
Attrition	N/P	2	2	1	1	2	2	2	2	1	1	1	2	N/P	N/P	N/P

Dental Disease

Antemortem Tooth Loss

SK 634 exhibits antemortem tooth loss of 4 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the tooth site of Tooth 48 with only partial resorption of the tooth sockets of Tooth 36, 37 and 38.

Caries, Abscess

Tooth 13: Small carious lesion present on the lingual aspect of the neck of the tooth

Tooth 14: Small carious lesion present on the distal aspect of the neck of the tooth exposing the underlying dentine

Tooth 15: The tooth crown has been completely eroded by a large carious lesion leaving only the root; associated abscess at tooth socket

Tooth 16: The tooth crown has been completely eroded by a large carious lesion leaving only the root; associated abscess at tooth socket

Tooth 24: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 25: 2 small carious lesions present on the distal aspect and mesial aspect of the neck of the tooth respectively

Tooth 26: Medium-sized carious lesion present on the mesial aspect of the neck of the tooth exposing the pulp cavity.

Tooth 35: Very small carious lesion present on the lingual aspect of the neck of the tooth

Tooth 46: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 47: Small carious lesion present on the buccal aspect of the neck of the tooth

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	N/R	4	0	0	N/R	N/R	N/T	0	0	4	0	N/R
T2	7 thoracic centra present; 3 of the centra exhibit schmorl's nodes on the inferior surface; all of marked expression 6 thoracic neural arches present; porosity is exhibited on all but 7 of the observable superior and inferior articular facets; marginal osteophytes are exhibited on the R inferior facet of one neural arch and corresponding R superior arch of the articulating lower neural arch causing significant enlarged joint surface in both cases											
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11												
T12	5	4	3	0	0		4	4	4			
L1	5	3,4	3, 4	4			N/R	4				
L2	3, 5	4, 5	4	4			4	4				
L3	N/R	N/R	N/R	N/R			0	4				

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of 3 unnumbered thoracic centra, T11, T12, L1 and L2.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited the following vertebral body of L1.

Joint

SK 634 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets Left 2 nd costal facet 3x Right Costal Facets
<i>Hip</i>	Marginal osteophytes, surface porosity	Right 1 st rib head Left and Right Acetabulum Right Femoral Head

SK 634: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental abscess, periodontal disease, calculus, dental attrition
Vertebral Schmorl's nodes, Intervertebral osteochondrosis, DJD
Joint DJD

SK 635

Adult

Sex Not Recordable

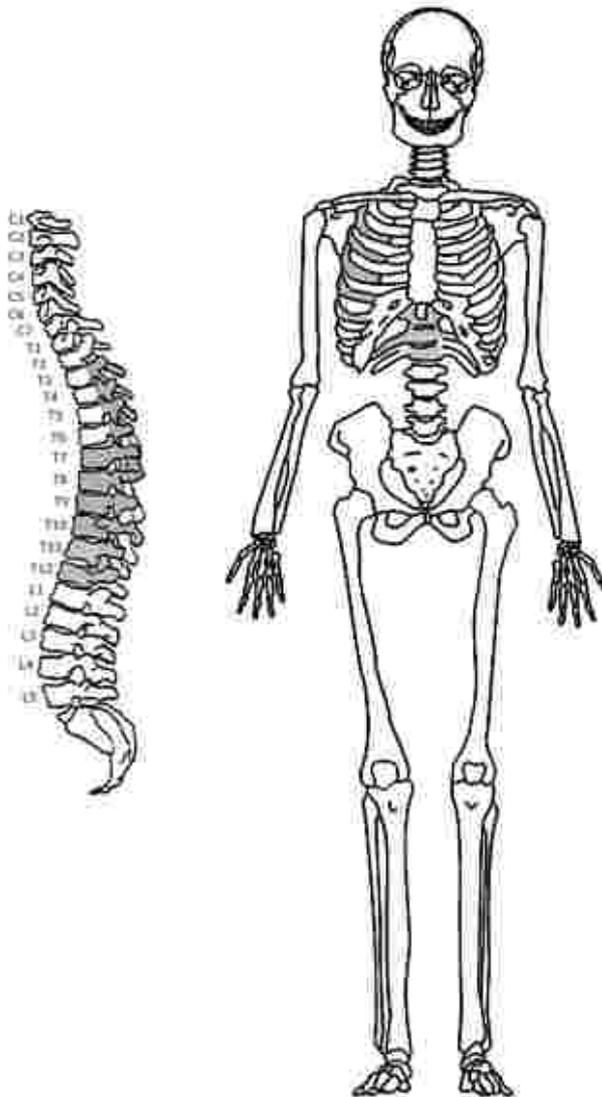
Burial Position and Details:

Plan No: Not specified

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%
 Approximate Fragmentation: 75-100%
 Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
T1												
T2												
T3	2 Four centra are present: one of these has osteophytes on the superior surface. Three centra have osteophytes present on the inferior surface. 3 On the neural arches there are osteophytes present on two of the right transverse process. All of these fragments are badly damaged post-mortem.											
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11	0	0	N/R	N/R	0		N/R	N/R	N/R			
T12	0	0	N/R	N/R	0		N/R	N/R	N/R			

SK 635: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD

SK 636

Adult

Female

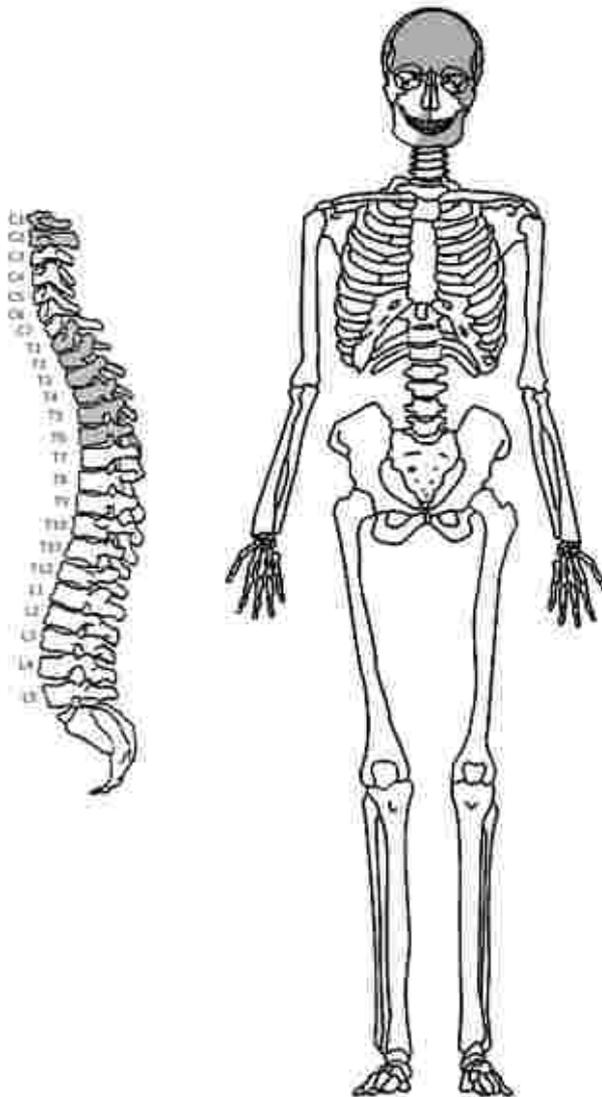
Burial Position and Details:

Plan No: 30A

Area No: 16

Orientation not specified: simple, burial on right side of poor completeness and good preservation. SK636 was found in association with a possible pillow stone.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	N/P	1	N/P	0	3	3	3	3	3	2	1	0	1	0	N/P
Period. Dis.	N/R	N/P	N/R	N/P	N/R	N/P										
E.Hypoplasia	0	N/P	0	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/R	N/P	N/R	N/P	N/R	0	0	0	N/R	N/P						
Abscess	N/R	N/P	N/R	N/P	N/R	0	0	0	N/R	N/P						
Caries	0	N/P	0	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P
Calculus	2	N/P	2	N/P	2	1	1	2	2	1	1	2	1	2	3	N/P
	1	N/P	1	N/P	1	1	1	1	1	1	1	1	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/P	N/P	4	1	1	1	1	1	1	1	1	1	4	4	4
Calculus	N/P	N/P	N/P	N/R	2	2	2	2	2	2	2	2	2	N/R	N/R	N/R
Caries	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
Abscess	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
Cyst	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
E.Hypoplasia	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
Period. Dis.	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
Attrition	N/P	N/P	N/P	N/R	1	2	2	2	2	2	2	2	1	N/R	N/R	N/R

Dental Disease

Antemortem Tooth Loss

SK 636 exhibits antemortem tooth loss of 3 mandibular molars and 1 mandibular premolar. Complete secondary resorption of the alveolar process has occurred at the tooth sites of Tooth 36, 38 and 45 with only partial resorption of the tooth socket of Tooth 37.

SK 636: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, calculus, dental attrition

SK 637

Young Adult Male

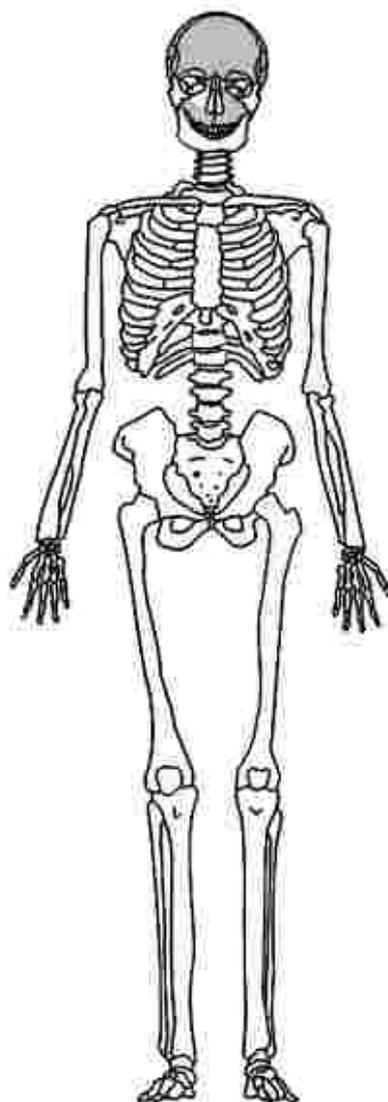
Burial Position and Details:

Plan No: 35

Area No: 22

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	1	1	1	1	1	1	1	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P	1
Period. Dis.	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0
Cyst	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0
Caries	2	2	0	0	0	0	0	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	1
Calculus	1	1	1	1	1	1	1	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	1
	1	1	1	1	1	1	1	2	1	N/P	N/P	N/P	2	2	2	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Dental Disease

Caries

Tooth 17: Medium-sized carious lesion present at the tooth crown.

Tooth 18: Medium-sized carious lesion present at the tooth crown.

Tooth 28: Small carious lesion present at the tooth crown.

Cranial Pathology

Miscellaneous Pathology/ Infection

Abnormal Bone Loss

A lesion of abnormal bone loss is present on the medial sector of the left orbital roof. The lesion is unifocal and less than 1cm in diameter. There is circumscription of the lesion's boundaries by sclerotic bone. The etiology of this lesion is unclear.

SK 637: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition
 Miscellaneous Abnormal bone loss

SK 638	Adult	Sex Not Recordable
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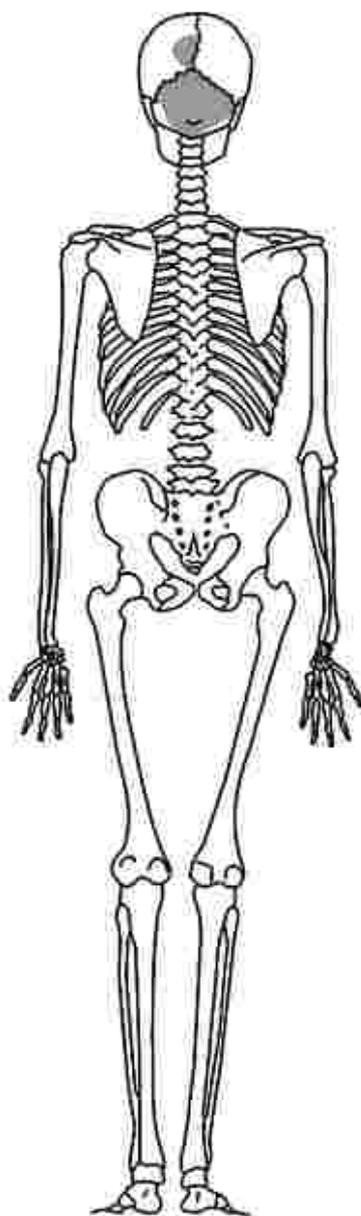
Burial Position and Details:

Plan No: Not specified

Area No: 16

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

SK 638: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 641

Young Adult

Sex Not Recordable

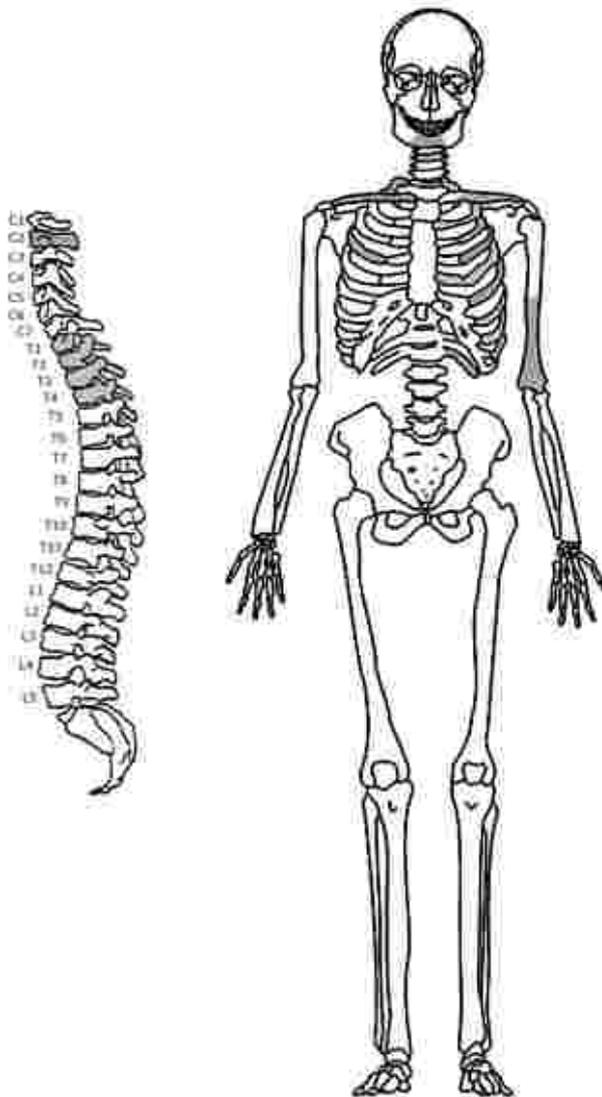
Burial Position and Details:

Plan No: 32C

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	N/P	1	N/P	N/P	N/P	1	0	N/P							
Period. Dis.	N/P	N/R	N/P	N/R	N/P	N/P	N/P	N/R	N/R	N/P							
E.Hypoplasia	N/P	0	N/P	0	N/P	N/P	N/P	0	0	N/P							
Cyst	N/P	N/R	N/P	N/R	N/P	N/P	N/P	N/R	N/R	N/P							
Abscess	N/P	N/R	N/P	N/R	N/P	N/P	N/P	N/R	N/R	N/P							
Caries	N/P	0	N/P	0	N/P	N/P	N/P	0	0	N/P							
Calculus	N/P	0	N/P	1	N/P	N/P	N/P	2	1	N/P							
	N/P	1	N/P	1	N/P	N/P	N/P	1	1	N/P							
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	N/P	N/P	N/P	N/P	1	1	2	2	N/P	N/P	1	1	1	1	1	N/P	
Calculus	N/P	N/P	N/P	N/P	1	1	N/R	N/R	N/R	N/R	2	1	1	1	1	N/P	
Caries	N/P	N/P	N/P	N/P	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	N/P	
Abscess	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/P	
Cyst	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/P	
E.Hypoplasia	N/P	N/P	N/P	N/P	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	N/P	
Period. Dis.	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/P	
Attrition	N/P	N/P	N/P	N/P	1	1	N/R	N/R	N/R	N/R	1	0	0	0	0	N/P	

Trauma

Sharp-force weapon trauma

SK 641 exhibits one peri-mortem sharp-force wounds at the distal left humerus most likely inflicted by a blade or sword-like weapon. The injury would have resulted in complete detachment of the forearm. At the distal capitulum a complete fracture was evident and the same injury also caused a glancing wound to the left trochlea. The direction of the blow probably came from the supero-lateral direction.

SK 641: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Trauma Sharp force trauma

SK 642A **Young Adult** **Female**

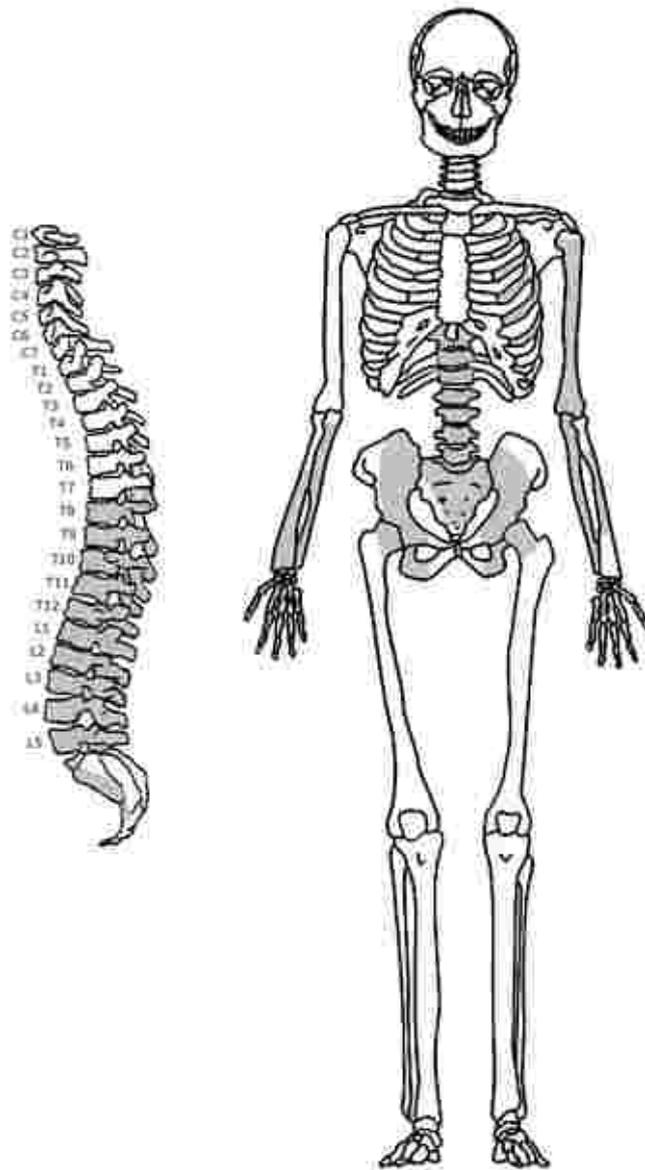
Burial Position and Details:

Plan No: 30B

Area No: 16

W-E orientation; simple, flexed burial on right side of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 642A exhibits periosteal reactive lesions of the left femur, pelvis and 4 left ribs. Reactive bone deposits in the form of woven bone are present at the posterior aspect of the left femoral neck and on the anterior aspect of the left ilium. A total of 3 left ribs exhibit extensive woven bone lesions on the visceral surface of the rib body. An extensive mixed reaction of both woven and sclerotic bone is present on the visceral surface of a further one left rib.

Joint

Enthesophyte Formation

Enthesophyte formation is present at the deltoid tuberosity of the left humerus. Barely discernible bowing of the affected humeral shaft is also observable.

Compression Fractures with secondary traumatic ankylosis

Compression fracture is present at the vertebral body of L3. Secondary traumatic ankylosis has occurred with L4 at the affected vertebral bodies.

SK 642A: Palaeopathological Summary and Differential Diagnoses

Vertebral Compression fractures; Secondary ankylosis
Infection Non-specific: Reactive bone deposits

SK 642B

Adult

Sex Not Recordable

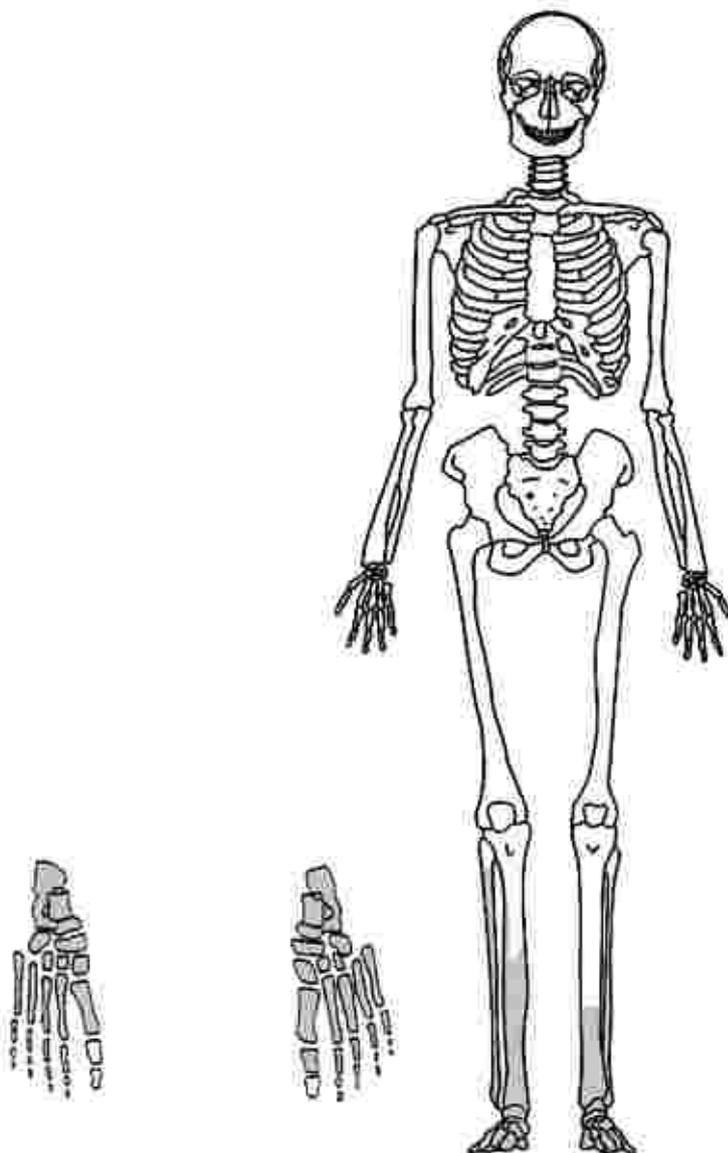
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Congenital

Symphalangism

Congenital fusion of two unnumbered foot phalanges (intermediate and distal) is observable.

SK 642B: Palaeopathological Summary and Differential Diagnoses

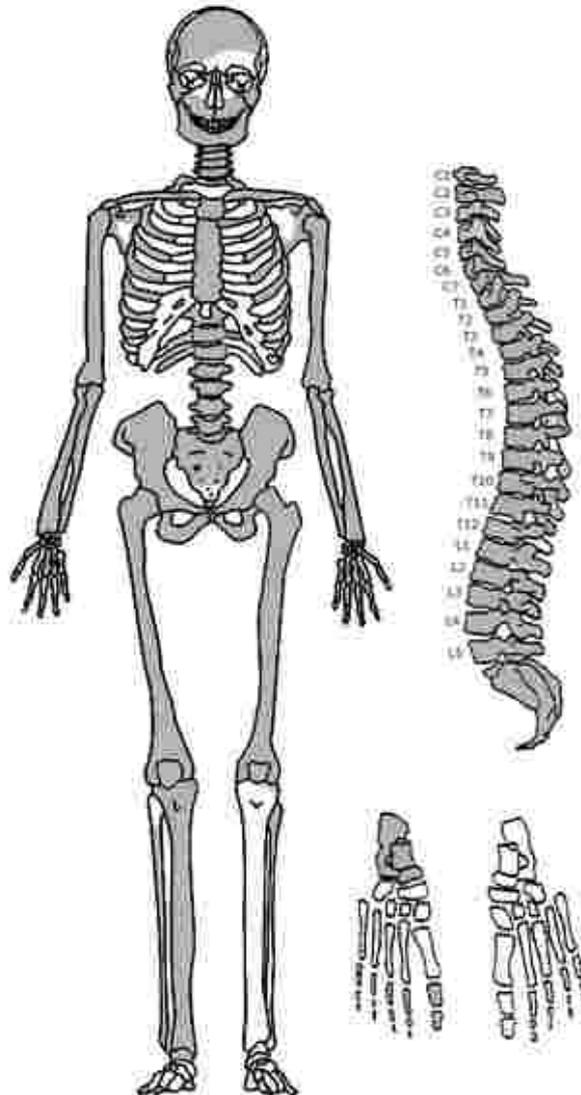
Congenital Symphalangism

SK 643**Young Adult****Female: 158.57 ± 3.55 cm****Burial Position and Details:**

Plan No: 30D

Area No: 16

W-E orientation; simple, flexed burial on left side of good completeness and good preservation. The skull was positioned facing north. Both arms were flexed at the elbow crossing the torso. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	1	2	1	1	N/P	0	2	1	1	1	0	0	2	1	1
Period. Dis.	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/P	0	1	1	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	N/P	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	0	0	2	2	2	2	2	2	0	0	2	1	1

Dental Disease

Enamel Hypoplasia

Tooth 11: 2 hypoplastic grooves present; 3.86mm and 4.75mm from the cemento-enamel junction respectively

Tooth 21: 1 hypoplastic groove present; 4.78mm from the cemento-enamel junction

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				4	0			
C3	0	0	N/R	N/R				0	0			
C4	0	0	N/R	N/R				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	4	0	0	0	0	4	0	0	0
T5	0	0	0	4	0	0	0	0	4	0	0	0
T6	0	5	0	0	0	0	N/R	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	5	0	4	0	0	N/R	0	0	0	0	0
T9	0	5	0	0	0	0	N/R	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	5	5	0	0	0			0	0	0		
T12	5	4	0	0	0			0	0	0		
L1	3, 4	3, 4	0	0				0	0			
L2	3, 5	0	0	0				0	0			
L3	5	5	0	4				3	0			
L4	5	5	0	0				0	0			
L5	5	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T9, T11, L2 and L3. A Schmorl's node of moderate expression is present at the vertebral body of T12.

SK 643: Palaeopathological Summary and Differential Diagnoses

Dental Enamel hypoplasia, calculus, dental attrition
Vertebral Schmorl's nodes

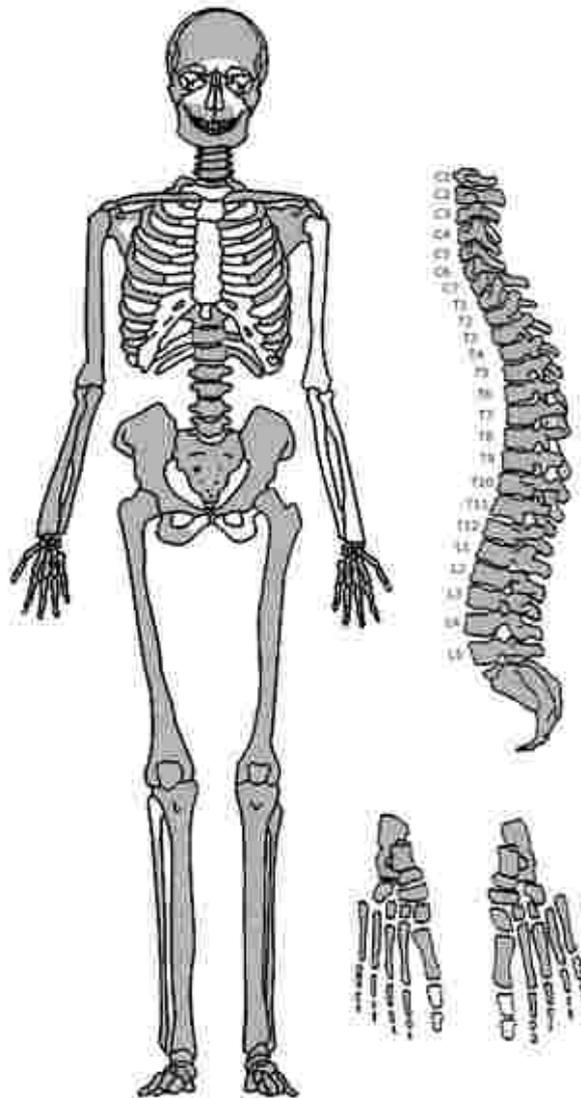
SK 644**Young Adult****Female: 150.55 ± 3.35 cm****Burial Position and Details:**

Plan No: 30D

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were extended with the left hand positioned under the left pelvis and the right hand under the right pelvis. Both legs were extended with the feet together. SK644 was found in association a quartz piece recovered from the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	0	1	N/R	1	1	1	2	1	1	1	1	1	N/P	N/P	1
Period. Dis.	0	1	1	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/R
E.Hypoplasia	0	0	0	N/R	0	0	0	0	0	0	0	0	0	N/P	N/P	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/R
Abscess	0	0	0	1	0	0	0	0	0	0	0	0	0	N/P	N/P	N/R
Caries	0	0	0	3	0	0	0	0	0	0	0	0	0	N/P	N/P	2
Calculus	1	1	1	N/R	1	1	1	1	1	1	1	1	1	N/P	N/P	1
	1	1	1	5	1	1	1	1	1	1	1	1	1	N/P	N/P	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	2	2	1	1	1	1	2	1	2	1	1	2	4	4	2
Calculus	1	N/P	N/P	1	1	1	1	N/P	2	N/P	1	1	N/P	N/P	N/P	N/P
Caries	0	N/P	N/P	0	0	0	0	N/P	0	N/P	0	0	N/P	N/P	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	N/P	N/P	0	0	0	0	N/P	0	N/P	0	0	N/P	N/P	N/P	N/P
Period. Dis.	0	2	2	0	0	0	0	N/R	N/R	N/R	1	0	2	2	2	0
Attrition	1	N/P	N/P	1	1	1	2	N/P	2	N/P	1	1	N/P	N/P	N/P	N/P

Dental Disease

Caries, Abscess

Tooth 15; Large carious lesion present at tooth crown penetrating the pulp cavity so that only the root remains; associated medium-sized abscess at apex of tooth

Tooth 28: Medium sized carious lesion present on the mesial aspect of the tooth penetrating the pulp cavity; this lesion has eroded approximately 50% of the tooth crown

Post Cranial Pathology

Joint

SK644 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity, joint contour change	Left Mandibular Condyle

Congenital

Os Acromiale

SK 644 exhibits congenital non-fusion of the left acromion process.

SK 644: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, dental abscess, periodontal disease, calculus, dental attrition
<i>Joint</i>	DJD
<i>Congenital</i>	<i>Os Acromiale</i>

SK 645**Middle Adult****Male: 163.31 ± 3.27 cm****Burial Position and Details:**

Plan No: 32B

Area No: 20

E-W orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing south. The right arm was extended and crossing the chest with the left arm extended and the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	1	1	1	1	1	1	N/P	N/P	1	1	1	N/P	N/R	N/P
Period. Dis.	N/P	2	0	0	0	0	0	0	0	0	0	0	0	1	1	1
E.Hypoplasia	N/P	0	0	0	0	0	0	0	N/P	N/P	0	0	0	N/P	N/R	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	1	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	0	0	0	0	0	0	0	N/P	N/P	0	0	0	N/P	3	0
Calculus	N/P	0	1	1	1	1	1	1	N/P	N/P	1	1	1	N/P	N/R	N/P
	N/P	2	1	1	1	1	1	1	2	2	1	1	1	2	5	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	0	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
Caries	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	1	1	0	1	1	1	1	0	1	1	1	1	1

Dental Disease

Antemortem Tooth Loss

SK 645 exhibits antemortem tooth loss of a maxillary third molar. Only partial secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 27: Large carious lesion present which has eroded tooth crown so that only tooth root remains

Tooth 48: Large carious lesion present at tooth crown penetrating the pulp cavity; approximately 75% of tooth crown has been eroded by this lesion

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 4 (foramina have linked into trabecular structure) CO is exhibited in the antero-intermediate, antero-medial, middle-intermediate and postero-lateral sector of the left orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	N/R	N/R	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	3, 4	N/R	N/R				0	0			
C4	3, 4	0	0	N/R				0	0			
C5	0	0	N/R	N/R				0	0			
C6	4	4	0	0				0	0			
C7	4	0	0	0				0	0			
T1	0	0	0	0	0	N/R	0	0	0	0	N/R	N/R
T2	0	0	0	0	N/R	0	N/R	0	0	0	N/R	0
T3	0	0	0	0	0	0	N/R	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	4	0
T5	0	0	0	0	0	0	N/R	0	0	0	0	0
T6	0	0	N/R	0	0	0	N/R	0	0	N/R	0	0
T7	4	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	N/R	N/R
T8	3, 4	5	0	0	0	0	N/R	0	0	0	N/R	N/R
T9	5	4	0	0	0	0	N/R	0	0	0	0	N/R
T10	0	5	0	0	0			0	0	0		
T11	3	3, 4, 5	0	0	0			0	0	0		
T12	0	3	N/R	N/R	0			N/R	N/R	0		
L1	3, 5	3	0	0				0	0			
L2	0	0	N/R	0				0	0			
L3	3, 4	0	0	0				3, 4	0			
L4	3	0	0	0				0	0			
L5	0	0	N/R	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T9 and L1. A Schmorl's node of moderate expression is present at the vertebral body of T10.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the inferior vertebral body of T11.

*Trauma**Fracture*

A healed fracture is present at the right 12th rib adjacent to the rib neck. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable.

A second healed partial rib fracture is observable at an unnumbered right rib fragment affecting only the visceral surface. Healing in the form of sclerotic callus bone formation is also observable.

Bennett's Fracture

A healed Bennett's fracture is observable at the proximal articular surface of the right MC1. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. Malunion of the fracture has resulted in slight medial displacement of the fractured portion of bone with associated joint contour change; the fracture articular surface is 4.2mm wider in comparison to the proximal articular surface of the left MC1.

Joint

SK 645 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Sternoclavicular</i>	Periarticular resorptive foci	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head
<i>Ribs</i>	Surface porosity	3x Right Costal Facets
<i>Hand</i>	Marginal osteophytes, surface porosity	Left MC1 (distal articular surface)
<i>Hip</i>	Periarticular resorptive foci, surface porosity	Right Acetabulum

SK 645: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Metabolic</i>	CO
<i>Trauma</i>	Fractures

SK 647

Young Adult Male

Burial Position and Details:

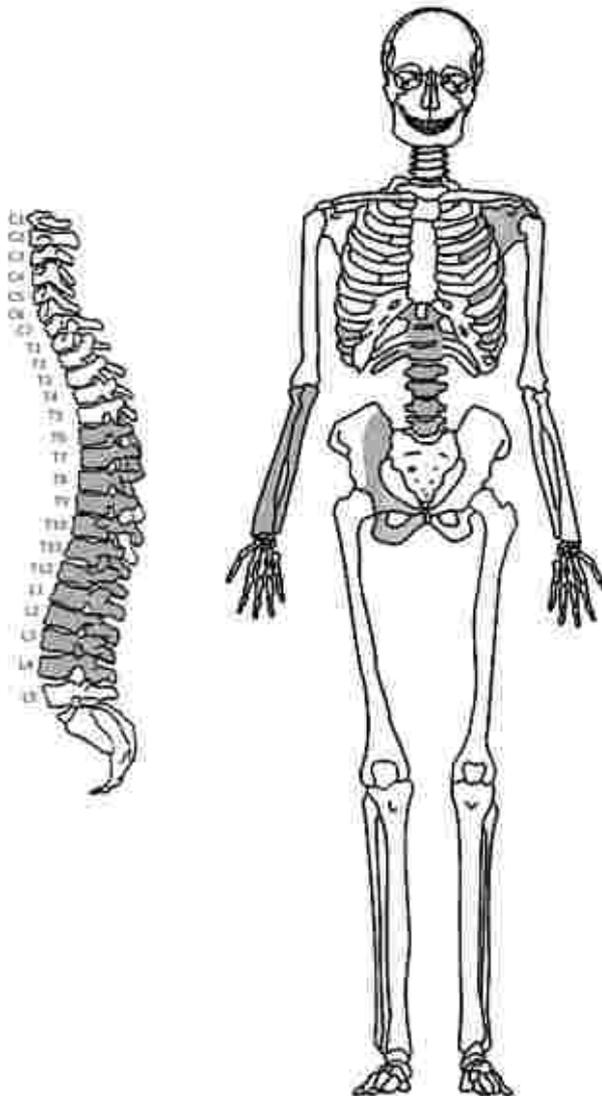
Plan No: 30B

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

SK 647 was found in association with the find F66: an iron nail/pin

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T7	N/R	5	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T8	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R
T9	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0	N/R	N/R
T10	N/R	0	0	N/R	0			0	N/R	0		
T11	0	0	N/R	0	0			N/R	0	0		
T12	5	5	N/R	0	0			N/R	0	0		
L1	5	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	N/R				0	N/R			
L5	0	0	0	0				0	N/R			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T12, and L1.

SK 647: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 648	Middle Adult	Female: 158.58 ± 3.55 cm
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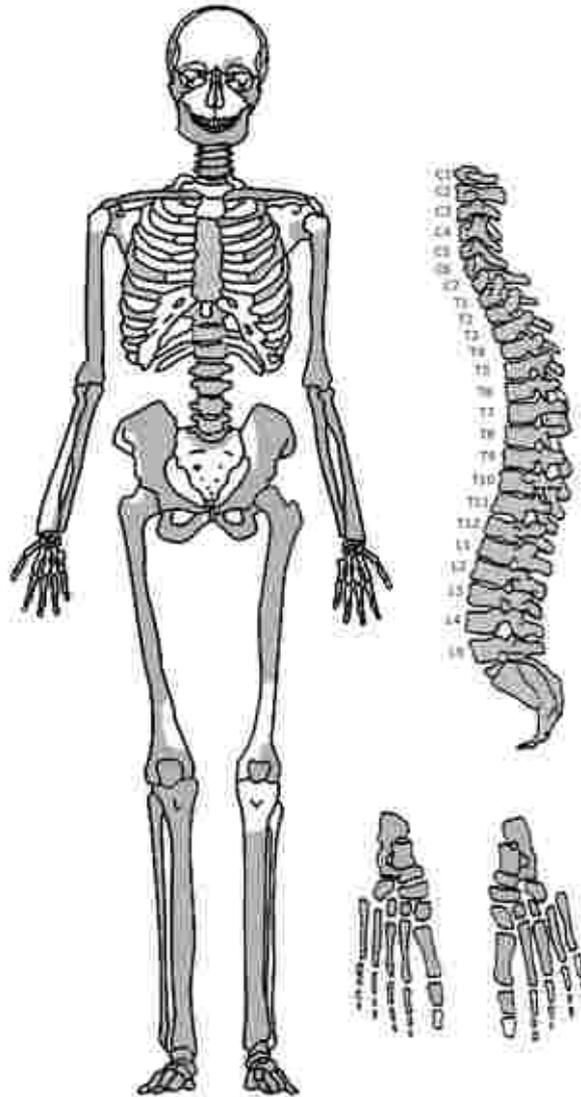
Burial Position and Details:

Plan No: 38

Area No: 17/24

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The skull was positioned facing upwards. Both the arms and the legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	1	2	N/P	N/P	N/P	2	N/P	0							
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	0	N/P	N/P	N/P	0	N/P	0							
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	0	N/P	N/P	N/P	2	N/P	0							
Calculus	N/P	1	1	N/P	N/P	N/P	2	N/P	0							
	N/P	1	1	N/P	N/P	N/P	1	N/P	1							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1
Calculus	N/P	2	2	2	2	2	3	N/P	2	2	2	2	1	1	1	1
Caries	N/P	0	0	0	0	0	0	N/P	0	0	0	0	0	0	2	2
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Period. Dis.	N/R	3	3	2	N/R	2	N/R	0	0	2	2	2	3	2	2	2
Attrition	N/P	2	2	1	1	1	2	N/P	1	1	1	2	1	3	2	2

Dental Disease

Antemortem Tooth Loss

SK 648 exhibits antemortem tooth loss of a mandibular central incisor. Complete secondary resorption of the alveolar process has occurred at the affected tooth site:

Caries

Tooth 26: Medium sized carious lesion present on the mesial aspect of the neck of the tooth

Tooth 37: Medium sized carious lesion present at buccal aspect of neck of tooth

Tooth 38: Medium sized carious lesion present on the medial-buccal aspect of the neck of the tooth

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	N/R	N/R				0	0			
C4	3, 4	0	N/R	N/R				0	2			
C5	N/R	N/R	N/R	N/R				2, 3	N/R			
C6	0	0	N/R	N/R				0	0			
C7	0	4	N/R	N/R				N/R	N/R			
T1	0	0	0	0	0	N/R	0	0	0	N/R	N/R	N/R
T2	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R
T3	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T5	0	0	0	0	0	0	0	0	0	4	0	N/R
T6	3	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	0	0	0	0	0	0	0	0	0	0	N/R
T8	0	0	0	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T9	0	0	0	0	0	0	N/R	0	0	4	0	0
T10	0	0	0	0	N/R			0	2, 3, 4	4		
T11	0	0	0	N/R	N/R			2, 3, 4	0	0		
T12	0	0	N/R	0	N/R			0	4	N/R		
L1	0	0	0	0				0	N/R			
L2	0	N/R	0	0				0	0			
L3	0	N/R	0	0				0	0			
L4	0	4	0	0				0	0			
L5	3, 4	0	3	0				N/R	N/R			

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the left inferior apophyseal vertebral facet of C4, the left superior facet of C5, The left inferior facet of T10 and the left superior facet of T11 in the form of eburnation, surface porosity and marginal osteophytes.

*Trauma**Compression Fracture*

A compression fracture is present at vertebral body of T6 resulting in anterior wedge-shaped appearance. This fracture has resulted in barely discernible secondary kyphosis at the level of T6.

Joint

SK 648 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right Temporal Right and Left Mandibular Condyles
<i>Glenohumeral</i>	Marginal osteophytes	Left Glenoid fossa
<i>Elbow</i>	Surface porosity	Left and Right distal humerus
<i>Hand</i>	Marginal osteophytes, surface osteophytes, eburnation, surface porosity	Left MC1 and MC2
<i>Hip</i>	Surface porosity	Right Acetabulum
<i>Knee</i>	Subchondral bone loss, surface osteophytes	Left Femoral Lateral Condyle

Possible Gout

Periarticular resorptive lesions indicative of the specific arthropathy gout are observable at the articular head of the right MT1.

SK 648: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Osteoarthritis, DJD, Compression fracture
<i>Joint</i>	Osteoarthritis, DJD, Possible Gout
<i>Trauma</i>	Vertebral compression fracture

SK 651**Middle Adult****Male: 171.32 ± 2.99 cm****Burial Position and Details:**

Plan No: 32B

Area No: 20

E-W orientation; simple, extended prone burial of good completeness and good preservation. The skull was positioned facing down. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	N/P	2	2	2	N/P	2	1	1	1	1	2	3	N/P	N/P
Period. Dis.	N/P	N/R	1	1	1	1	0	0	1	1	1	1	1	1	3	N/P
E.Hypoplasia	N/P	N/P	N/P	0	0	0	N/P	0	0	0	0	0	0	0	N/P	N/P
Cyst	N/P	0	1	0	0	0	0	0	0	0	0	0	0	0	1	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/P	N/P	N/P	0	0	0	N/P	0	0	0	0	0	0	0	N/P	N/P
Calculus	N/P	N/P	N/P	1	1	1	N/P	1	1	1	1	1	1	1	N/P	N/P
	1	2	2	1	1	1	2	1	1	1	1	1	1	1	2	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1
Calculus	2	2	1	1	1	1	1	1	N/P	2	N/P	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	N/P	0	N/P	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	N/R	N/R	0	0	0	0	0	N/P	0	N/P	0	0	0	0	0
Period. Dis.	3	3	3	2	1	1	1	1	0	1	N/R	1	1	3	3	2
Attrition	1	3	3	2	2	2	2	2	N/P	1	N/P	1	1	3	2	1

Dental Disease

Cyst/ Abscess

Tooth 16: Cyst/ abscess present at tooth site on anterior aspect of maxilla

Tooth 27: Cyst/ abscess present at tooth site on anterior aspect of maxilla

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate and middle-lateral sector of the left and right orbital roofs.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	3, 4	0				0	0			

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	3	0	0	N/R				0	0			
C3	0	0	N/R	N/R				3	3, 4			
C4	3, 4	0	3, 4	0				N/R	3			
C5	0	4	3	N/R				3	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	N/R	4	0	0	0	0	4
T4	0	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T5	3	3, 4	N/R	N/R	0	0	N/R	3	N/R	0	0	N/R
T6	3, 4	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T7	3, 4	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	3, 4	3	N/R	N/R	0	3, 4	N/R	N/R	N/R	0	4	N/R
T9	3, 4	3, 4	0	N/R	0	4	N/R	N/R	N/R	0	3, 4	N/R
T10	3, 4	1	0	1	N/R			0	1	3, 4		
T11	1	3	1	0	3, 4			1	0	3, 4		
T12	3, 5	4	0	0	3			0	0	0		
L1	0	3, 4	0	0				0	N/R			
L2	3, 4	3, 4	0	0				0	N/R			
L3	3, 4	0	0	0				0	0			
L4	3	3	3	0				3	3			
L5	3, 4	0	3	0				3	N/R			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of T12.

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of T9, T10, T11, T12, L1, L2, L3, L4 and L5 in the form of extensive vertical syndesmophyte formation at the circumference of the affected vertebral bodies.

*Trauma**Compression Fracture*

A compression fracture is present at the vertebral body of T10 resulting in an anterior wedge-shaped appearance. This fracture has resulted in secondary traumatic arthritis which has in turn resulted in secondary ankylosis at the affected vertebral body and inferior facets to the vertebral facets and body of T11.

Joint

SK 651 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Periarticular resorptive foci	Left Humeral Head
<i>Hand</i>	Marginal osteophytes	Right MC1 (proximal articular surface)
<i>Hip</i>	Periarticular resorptive foci, surface porosity	Left and Right Acetabulum
<i>Knee</i>	Marginal osteophytes	Left and Right Femoral and Tibial Condyles

*Congenital**Os Acromiale*

SK 651 exhibits congenital non-fusion of the left acromion process.

SK 651: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Dental cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's node, Intervertebral osteochondrosis, Vertebral compression fracture, DJD, Secondary ankylosis
<i>Joint</i>	DJD, Osteoarthritis
<i>Metabolic</i>	CO
<i>Congenital</i>	<i>Os Acromiale</i>

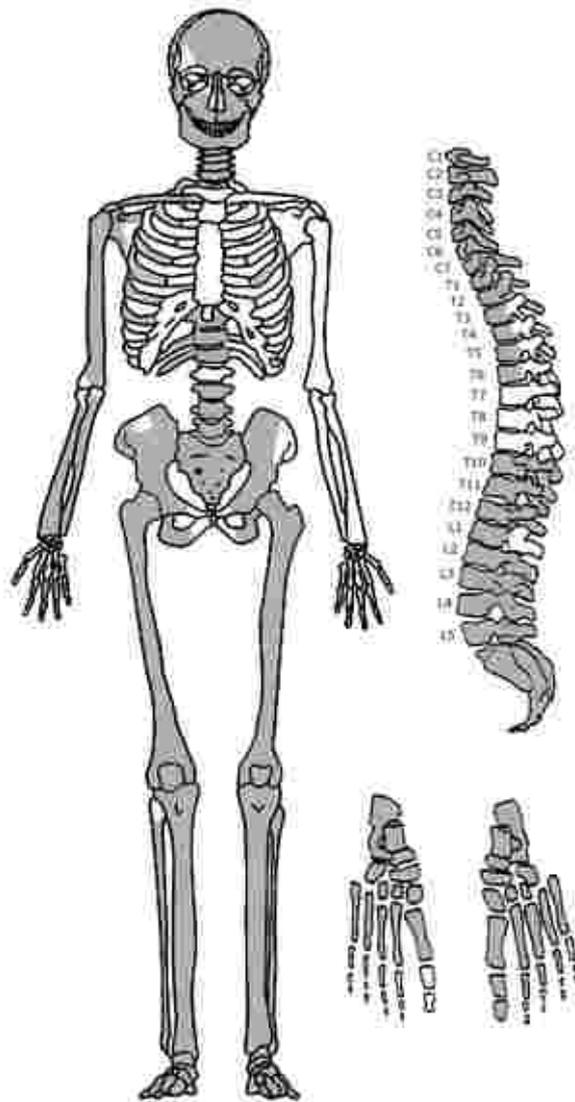
SK 653**Young Adult****Female: 155.85 ± 3.55 cm****Burial Position and Details:**

Plan No: 35C

Area No: 20

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing west. The right arm and both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Period. Dis.	2	1	2	1	1	1	1	1	N/R	1	1	2	2	2	2	2
E.Hypoplasia	0	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	5	5	5	1	1	1	1	1	1	1	1	1	1	1	5	5
Calculus	N/R	0	N/R	1	2	2	2	1	1	2	2	1	1	1	N/R	N/R
Caries	3	3	3	0	0	0	0	0	0	0	0	0	0	2	3	3
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	3	0	1	1	2	1	N/R	N/R	1	2	1	1	3	0	0
Attrition	3	3	3	1	1	1	1	1	1	1	1	1	1	1	3	3

Dental Disease

Caries, Cyst

Tooth 17: Medium sized carious lesion present penetrating the pulp cavity; approximately 25-50% of tooth crown has been eroded

Tooth 18: Medium sized carious lesion present on medial aspect of neck of tooth

Tooth 36: Medium sized carious lesion present at distal aspect of neck of tooth

Tooth 37: Large carious lesion present which has eroded the tooth crown so that only the tooth root remains

Tooth 38: Large carious lesion present which has eroded the tooth crown so that only the tooth root remains

Tooth 46: Large carious lesion present which has eroded the tooth crown so that only the medial tooth root remains; associated cyst at apex of distal tooth root with circumferential sclerotic bone indicating this lesion was long-standing

Tooth 47: Large carious lesion present which has eroded the tooth crown almost entirely

Tooth 48: Large carious lesion present which has eroded the tooth crown so that only the tooth root remains

Enamel Hypoplasia

Tooth 11: 1 hypoplastic groove present; 5.61mm from the cemento-enamel junction

Tooth 12: 1 hypoplastic groove present; 4.32mm from the cemento-enamel junction

Tooth 13: 1 hypoplastic groove present; 3.82mm from the cemento-enamel junction

Tooth 22: 1 hypoplastic groove present; 3.69mm from the cemento-enamel junction

Tooth 23: 1 hypoplastic groove present; 3.95mm from the cemento-enamel junction

Tooth 24: 1 hypoplastic groove present; 2.80mm from the cemento-enamel junction

Tooth 25: 1 hypoplastic groove present; 3.29mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	4	0	0				0	0			
C6	4	0	0	0				0	0			
C7	0	0	0	0				N/R	N/R			
T1	0	0	0	0	4	0	N/R	0	0	0	0	N/R
T2	0	0	0	0	0	4	0	0	0	0	0	N/R
T3	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T4	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T8	0	3	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T9	3	3	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	3	0			0	0	0		
T12	0	0	3	0	3, 4			0	3	0		
I 1	N/R	0	N/R	N/R				N/R	N/R			
I 2	3, 5	3, 5	3	N/R				3	N/R			
I 3	0	3, 5	3	0				0	0			
L4	3	3	3	0				N/R	N/R			
L5	3	0	3	3				3	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of L2 and L3

SK 653: Palaeopathological Summary and Differential Diagnoses

Dental Caries, dental cyst, enamel hypoplasia, periodontal disease, calculus, dental attrition
Vertebral Schmorl's nodes

SK 655**Young Adult****Male****Burial Position and Details:**

Plan No: 30E

Area No: 16

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region and the left hand by the side of the body.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	2	1	1	2	2	2	2	2	2	2	2	2	2	2	N/P
Period. Dis.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1
Attrition	1	2	2	1	1	1	2	2	2	2	2	1	1	2	2	1

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate and antero-medial sector of the left orbital roof and the antero-lateral, antero-intermediate, antero-medial and middle-intermediate sector of the right orbital roof.

Post Cranial Pathology

Trauma

Fracture

A fracture is present at the distal shaft of an unnumbered proximal hand phalanx. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. Malunion of the fracture has resulted in slight lateral displacement of the fractured end of the bone.

Joint

SK 655 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

Joint	Lesion Type(s)	Affected Skeletal Element(s)
<i>Acromioclavicular</i>	Surface porosity	Left and Right acromion process
<i>Sternoclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left and Right Humeral Head
<i>Ribs</i>	Surface porosity	Left 1 st rib head 2x Right Rib heads
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Left Acetabulum

Congenital

Cleft Neural Arch Defect

A cleft neural arch defect is present at the level of the third sacral segment (S3).

Supernumerary Rib

SK 655 exhibits an extra lower right rib (Rib 13).

SK 655: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition
<i>Joint</i>	DJD
<i>Metabolic</i>	CO
<i>Trauma</i>	Fracture
<i>Congenital</i>	Supernumerary rib, Cleft Neural Arch Defect

SK 659

Young Adult

Female: 150.3 ± 3.55 cm

Burial Position and Details:

Plan No: 30F

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The skull was positioned facing west. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	1	1	2	2	2	4	2	6	2	2	1	1	1	
Calculus	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	1	1	1	
Caries	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	0	0	0	
Period. Dis.	2	2	2	0	0	0	0	0	0	0	0	0	0	2	2	2	
Attrition	0	1	2	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	1	1	1	

Dental Disease

Antemortem Tooth Loss

SK 659 exhibits antemortem tooth loss of a mandibular central incisor. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Congenital Abnormalities of the Teeth/ Jaws

Tooth 33 has remained unerupted into adulthood.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral antero-intermediate and antero-medial sector of the right orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the frontal and parietals and within the squamous portion of the occipital bone. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	N/R				0	0			
C2	0	N/R	0	N/R				0	N/R			
T1	No pathological lesions are evident on the thoracic vertebrae which are present for analysis.											
T2												
T3												
T4												
T5												
T6												
T7												
T8	0	0	0	0	0	4	N/R	0	0	0	0	N/R
T9	5	0	0	0	0	0	N/R	0	0	0	N/R	0
T10	5	0	0	0	0			0	0	0		
T11	0	5	0	0	4			0	0	0		
T12	0	5	0	0	4			0	0	0		
L1	0	5	0	0				0	0			
L2	0	5	0	0				0	0			
L3	3	0	0	N/R				0	N/R			
L4	3	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T9, T10, T11, T12, L1 and L2.

SK 659: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition, unerupted canine
Vertebral Schmorl's nodes
Metabolic PH, CO

SK 660	Young Adult	Male: 168.72 ± 2.99 cm
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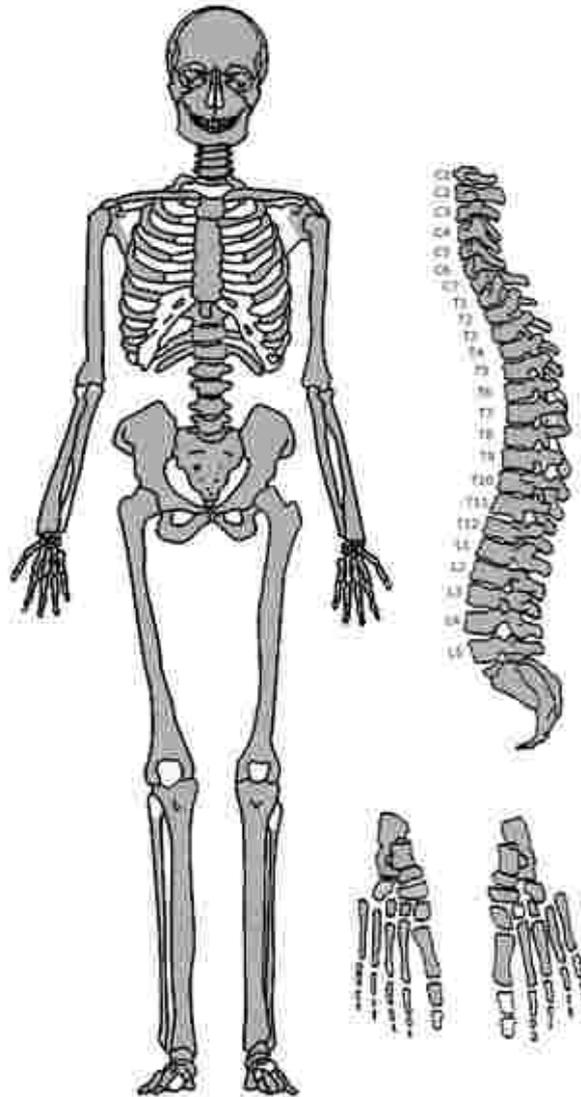
Burial Position and Details:

Plan No: 30D

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The skull was positioned on the right side. Both the arms and the legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Dentition

Attrition	N/P	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Period. Dis.	0	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2
Calculus		2	2	2	2	2	2	2	2	N/P	1	2	1	1	1	1	N/P
Caries		0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	N/P
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	N/P
Period. Dis.		1	1	1	1	1	1	0	0	0	2	2	1	1	2	2	0
Attrition		2	2	2	2	2	2	2	2	N/P	2	2	2	2	2	2	N/P

Cranial Pathology*Trauma**Blunt-force*

A healed depression fracture is present at the left parietal bone adjacent to the parietal boss. The lesion is oval in shape measuring 12.30mm anterior-posterior and 14.40mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	0	N/R	0	0				0	0			
C3	N/R	N/R	0	0				0	0			
C4	N/R	N/R	0	0				N/R	N/R			
C5	N/R	N/R	0	0				0	0			
C6	N/R	N/R	0	0				0	0			
C7	N/R	N/R	0	0				0	0			
T1	N/R	0	0	0	0	N/R	0	0	0	N/R	N/R	N/R
T2	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
T3	N/R	N/R	0	4	0	N/R	N/R	0	0	N/R	N/R	N/R
T4	0	3	N/R	0	0	3	N/R	0	0	0	0	0
T5	3	5	0	0	0	0	N/R	0	0	0	0	0
T6	0	3, 4, 5	N/R	0	0	0	N/R	0	0	4	0	3
T7	5	3, 4, 5	0	0	4	0	0	0	0	4	0	0
T8	3, 4	5	0	0	0	0	0	0	0	0	0	0
T9	5	5	0	0	0	0	0	0	0	0	0	0
T10	3	5	0	0	0			0	0	0		
T11	0	3, 4	0	0	0			0	0	0		
T12	3	3	0	0	4			0	N/R	3, 4		
L1	0	0	0	0				0	0			
L2	0	0	0	N/R				N/R	N/R			
L3	0	3	0	0				0	0			
L4	0	0	0	N/R				0	0			
L5	3	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T5, T6, T7, T9 and T10. Schmorl's nodes of moderate expression are present at the vertebral body of T8.

Syndesmophytes

In T5, T11, L3 and L5 there is extensive vertical syndesmophyte formation at the circumference of the vertebral bodies.

Joint

SK 660 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right Temporal
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left and Right Humeral Head and glenoid fossa
<i>Elbow</i>	Marginal osteophytes	Left proximal ulna
<i>Wrist</i>	Surface porosity	Left distal ulna
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Left and Right Acetabulum

SK 660: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Syndesmophyte formation
<i>Joint</i>	DJD
<i>Trauma</i>	Blunt Force Cranial trauma

SK 661

Adult

Sex Not Recordable

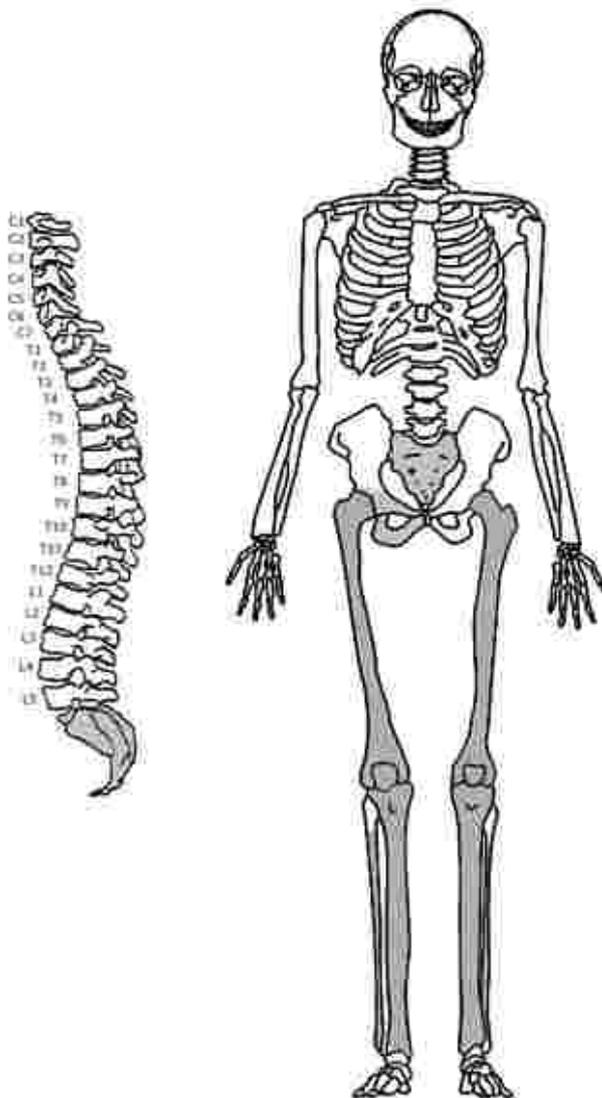
Burial Position and Details:

Plan No: 30D

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 661: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 662

Adult

Probable Male: 169.59 ± 3.37 cm

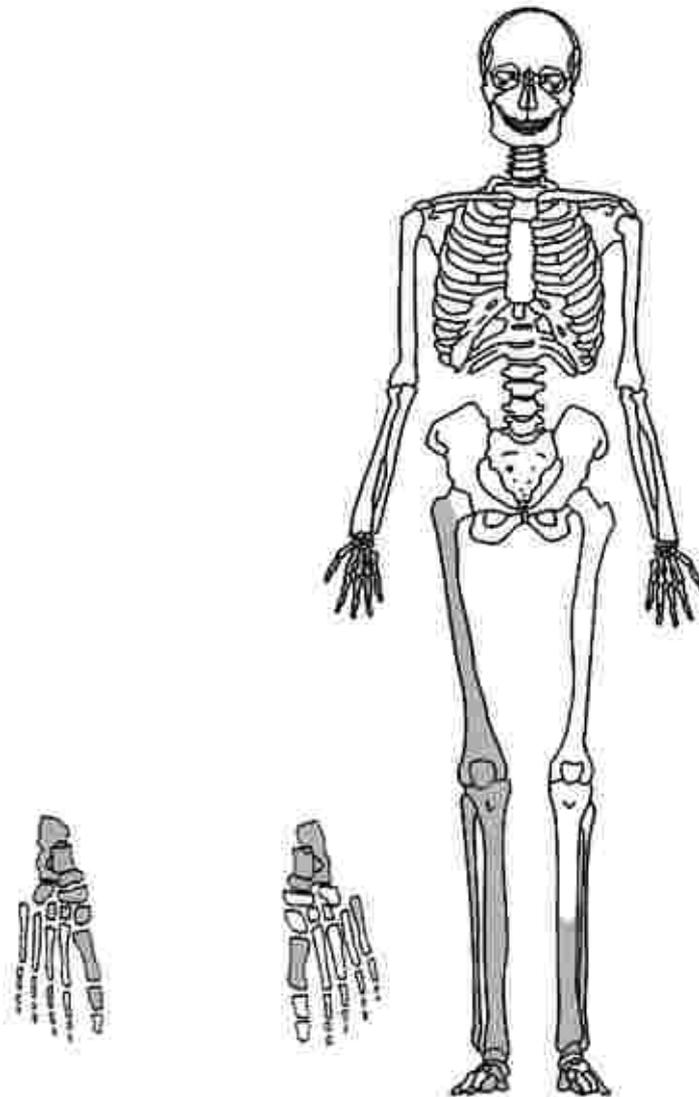
Burial Position and Details:

Plan No: 32C

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The right arm was extended. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

SK 662: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 666

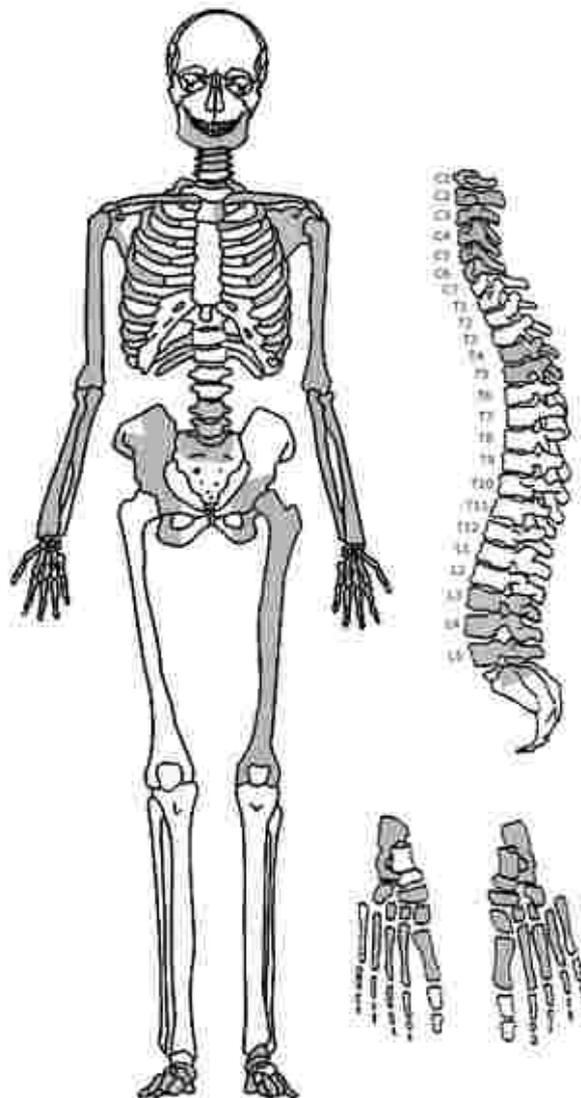
Middle Adult

Probable Male: 165.47 ± 2.99 cm**Burial Position and Details:**

Plan No: 30

Area No: 16

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	2	2	1	1	4	4	4	4	2	2	1	1	1	1
Calculus	1	1	N/P	N/P	2	2	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	1
Caries	0	0	N/P	N/P	0	0	N/P	N/P	N/P	N/P	N/P	N/P	1	3	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	N/P	N/P	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	N/R	0	0
Period. Dis.	1	1	3	0	1	1	2	2	2	2	0	0	N/R	N/R	1	1
Attrition	2	2	N/P	N/P	2	2	N/P	N/P	N/P	N/P	N/P	N/P	2	3	2	2

Dental Disease

Antemortem Tooth Loss

SK 666 exhibits antemortem tooth loss of the mandibular incisors. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries, Cyst/ Abscess

Tooth 35: Small carious lesion present on the distal aspect at the neck of the tooth; associated with severe caries of adjacent tooth 36

Tooth 36: Large carious lesion present on tooth 36 penetrating the pulp cavity; the majority of the tooth crown has been eroded by the lesion

Tooth 46: Cyst/ abscess present at base of tooth socket

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Ankylosis

There is ankylosis at the vertebral bodies of L5 and S1.

Joint

SK 666 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Left Clavicle and acromion process
<i>Ribs</i>	Surface porosity, marginal osteophytes	7x Left Costal Facets 5x Right Costal Facets
<i>Hip</i>	Subchondral bone loss, marginal osteophytes	Right Acetabulum

SK 666: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental cyst, periodontal disease, calculus, dental attrition
Vertebral Ankylosis
Joint DJD, Osteoarthritis

SK 667

Adult

Sex Not Recordable

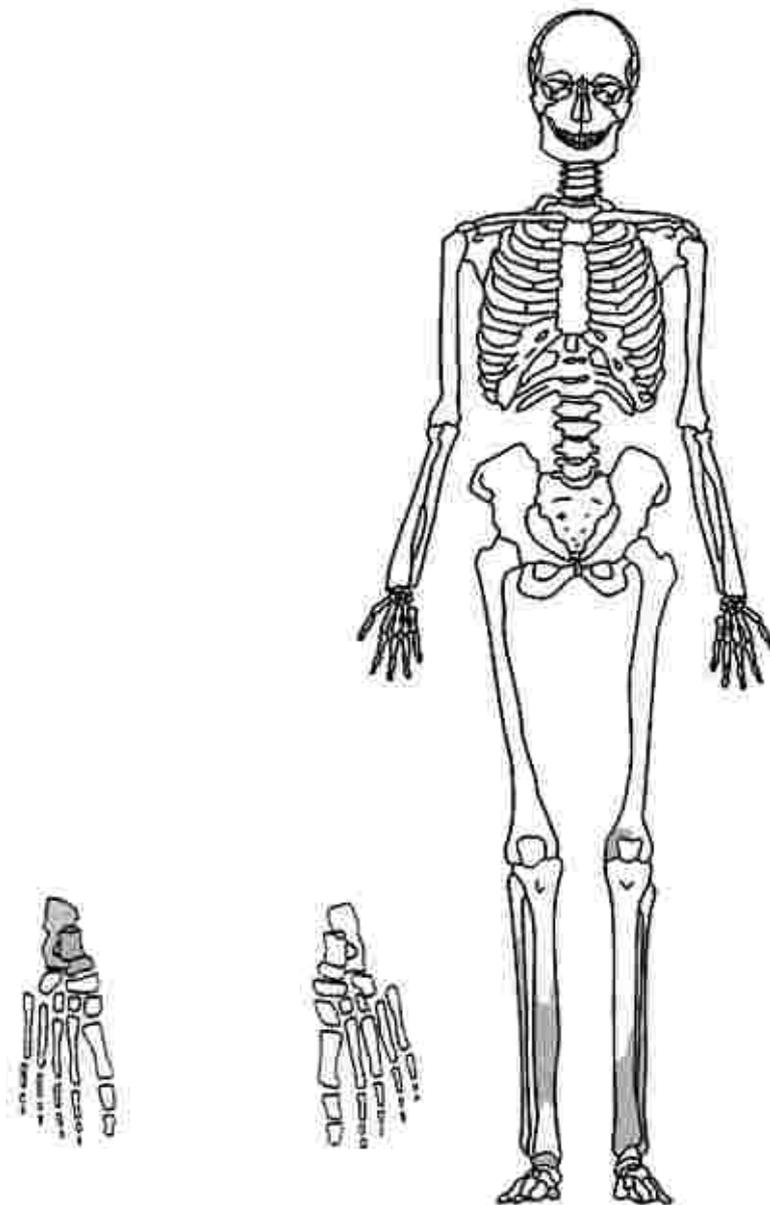
Burial Position and Details:

Plan No: 25C

Area No: 11

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 667: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 669

Adult

Probable Male

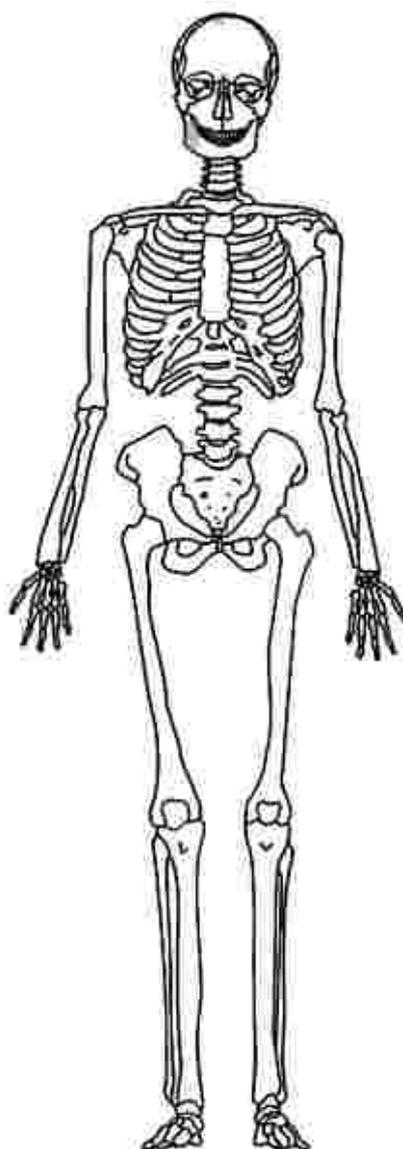
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	2	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/P							
Calculus	N/R	N/R	N/P														
Caries	N/R	N/R	N/P														
Abscess	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/P							
Cyst	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/P							
E.Hypoplasia	N/R	N/R	N/P														
Period. Dis.	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/P							
Attrition	N/R	N/R	N/P														

Dental Disease

Antemortem Tooth Loss

SK 669 exhibits antemortem tooth loss of 1 mandibular molars. Only partial secondary resorption of the alveolar process has occurred at the affected tooth site:

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 2 (porosity only) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is active at the time of death.

SK 669: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss
Metabolic PH

SK 670

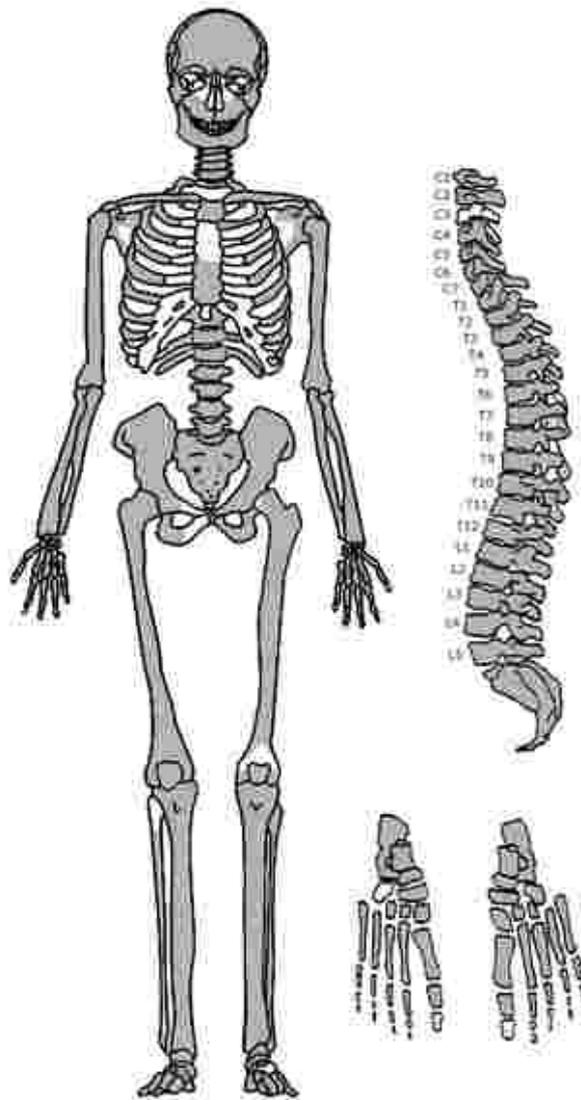
Young Adult Female: 157.07 ± 3.35 cm

Burial Position and Details:

Plan No: 28D

Area No: 12

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	2	2	1	1	1	1	1	0	0	1	2	2	1	1	
Period. Dis.	0	1	1	1	1	N/R	N/R	N/R	N/R	N/R	1	1	1	0	1	3	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	
Calculus		1	2	2	2	2	2	2	N/P	2	2	2	2	2	1	1	1
Caries		0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Period. Dis.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition		1	2	2	1	1	1	2	N/P	2	2	1	1	1	2	2	1

Dental Disease

Caries, Abscess

Tooth 27: Medium sized carious lesion present on the distal aspect of the tooth penetrating the pulp cavity; associated abscess at apex of tooth root with a small patch of Reactive bone deposits on the superior border of the lesion's boundary

Tooth 28: Abscess present at apex of tooth root most likely associated with abscess at tooth 27; associated sclerotic reaction at superior border of lesion's boundary

Congenital Abnormalities of the Teeth/ Jaws

Overcrowding of the mandibular teeth has resulted in significant lateral rotation of Tooth 32 by approximately 180°.

Cranial Pathology

Trauma

Sharp-force weapon trauma

SK 670 exhibits two healed sharp-force wounds at the cranial vault most likely inflicted by a blade or sword-like weapon. The first wound presents as a long linear depression at the left frontal and parietal bones traversing the coronal suture. The lesion measures 79.9mm anterior-posterior and 13mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

The second wound presents as a linear depression at the right frontal superior to the supraorbital ridge. This lesion has a maximum length of 42.6mm and maximum width of 9.0mm.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	N/R				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	3	3	0	0				4	0			
C5	3, 4	3, 4	4	0				0	0			
C6	0	0	0	0				0	0			
C7	4	0	0	0				0	0			
T1	0	0	0	0	4	0	0	0	0	3, 4	0	4
T2	0	4	0	0	0	0	0	0	0	0	0	0
T3	0	3	0	3, 4	4	4	0	0	3, 4	0	0	N/R
T4	3	1	3, 4	1	3, 4	3, 4	3	3, 4	2	0	3, 4	3
T5	1	3	3,4	0	1	4	0	1	0	3, 4	0	N/R
T6	0	5	0	4	N/R	0	N/R	0	4	0	0	0
T7	5	5	0	0	4	0	0	0	N/R	0	0	N/R
T8	5	5	0	0	0	0	N/R	0	0	0	0	N/R
T9	5	5	0	0	4	0	3, 4	0	0	0	0	4
T10	0	5	0	4	0			0	4	4		
T11	5	0	0	0	0			3, 4	4	4		
T12	5	0	0	0	3, 4			0	0	0		
L1	5	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	3, 4	3	3, 4				0	0			
L4	0	5	3, 4	0				3	0			
L5	3	0	3	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T8, T9, T10, T11, T12 and L1. Schmorl's nodes of moderate expression are present at the vertebral bodies of T7 and L4.

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis and DJD are exhibited at the vertebral bodies and right apophyseal facets of T4 and T5 where ankylosis has occurred.

Joint

SK 670 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left mandibular condyle
<i>Acromioclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Sternoclavicular</i>	Marginal osteophytes	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	Left and Right 1 st Rib head 1x Left rib head 3x Left Costal Facets 3x Right Costal Facets Left distal humerus
<i>Elbow</i>	Surface porosity	Left distal humerus
<i>Hip</i>	Marginal osteophytes	Right Acetabulum

Congenital

Supernumerary Rib

SK 670 exhibits an extra lower left rib (Rib 13).

SK 670: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, dental abscess, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, DJD, Ankylosis
<i>Joint</i>	DJD
<i>Trauma</i>	Sharp force cranial trauma
<i>Congenital</i>	Supernumerary rib

SK 671

Young Adult Female

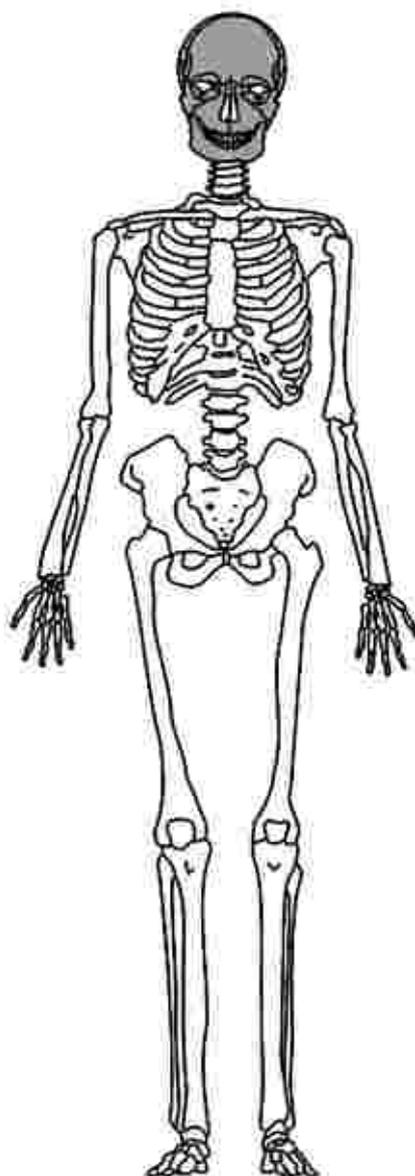
Burial Position and Details:

Plan No: 28E

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	2	N/P	N/P	2	2	2	N/P	N/P	N/P	N/P	N/P	2	1	N/P
Period. Dis.	0	0	1	3	3	1	3	3	3	3	3	3	1	1	0	0
E.Hypoplasia	N/P	1	0	N/P	N/P	0	0	0	N/P							
Cyst	N/P	0	0	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	N/P
Abscess	N/P	0	0	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	N/P
Caries	N/P	0	0	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	N/P
Calculus	N/P	1	1	N/P	N/P	1	1	1	N/P	N/P	N/P	N/P	N/P	2	2	N/P
	2	1	1	4	2	1	1	1	2	2	2	2	2	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	4	4	4	1	1	1	1	2	1
Calculus	1	2	1	2	2	2	N/P	N/P	N/P	N/P	3	1	1	1	N/P	1
Caries	N/P	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	3	N/P	0
Abscess	0	0	0	0	0	0	1	N/P	N/P	N/P	0	0	0	0	N/P	0
Cyst	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P	0
E.Hypoplasia	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P	0
Period. Dis.	0	1	1	2	2	N/P	N/P	N/P	N/P	N/P	2	2	1	1	N/P	0
Attrition	2	2	3	2	2	2	N/P	N/P	N/P	N/P	1	2	2	3	N/P	2

Dental Disease

Antemortem Tooth Loss

SK 671 exhibits antemortem tooth loss of 3 mandibular incisors and 1 maxillary premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites

Caries Abscess

Tooth 36: A large carious lesion is present at the mesial aspect of the tooth crown

Tooth 42: An abscess is present at the apex of the tooth root

Congenital Abnormalities of the Teeth/ Jaws

Overcrowding of the mandibular teeth has resulted in significant medial rotation of Tooth 33 by approximately 90°.

Cranial Pathology*Metabolic**Cribra Orbitalia (CO)*

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and middle-lateral sectors of the left and right orbital roofs.

*Neoplastic**Metastasised Lesions*

SK 671 exhibits multiple cranial lesions of focal bone loss and associated abnormal bone formation indicative of metastasised neoplastic lesions (i.e. secondary to an unknown primary cancer, possibly lung or breast cancer). Over two-thirds of the cranial vault is affected by these lesions.

A total of 9 lesions of unifocal bone loss are exhibited at the cranial vault affecting both the external (n=5) and endosteal surface (n=4). The bone loss affects a variation of bone levels. Four of the lesions present as complete perforations through the bone. One of the lesions is a superficial periosteal depression at the external bone surface whilst the remaining four lesions exhibit bone loss which extends to the internal diploë bone but does not perforate the bone entirely. Seven of the lesions are irregular in shape, 2 lesions are roughly circular whilst the final lesion is oval. Associated reactive bone formation is also observable with possible healing (i.e. sclerosis) occurring in the case of one of the endosteal lesions.

SK 671: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental abscess, periodontal disease, calculus, dental attrition
Metabolic CO
Neoplastic Metastised Cranial Vault Lesions

SK 672

Young Adult

Male: 158.84 ± 2.99 cm

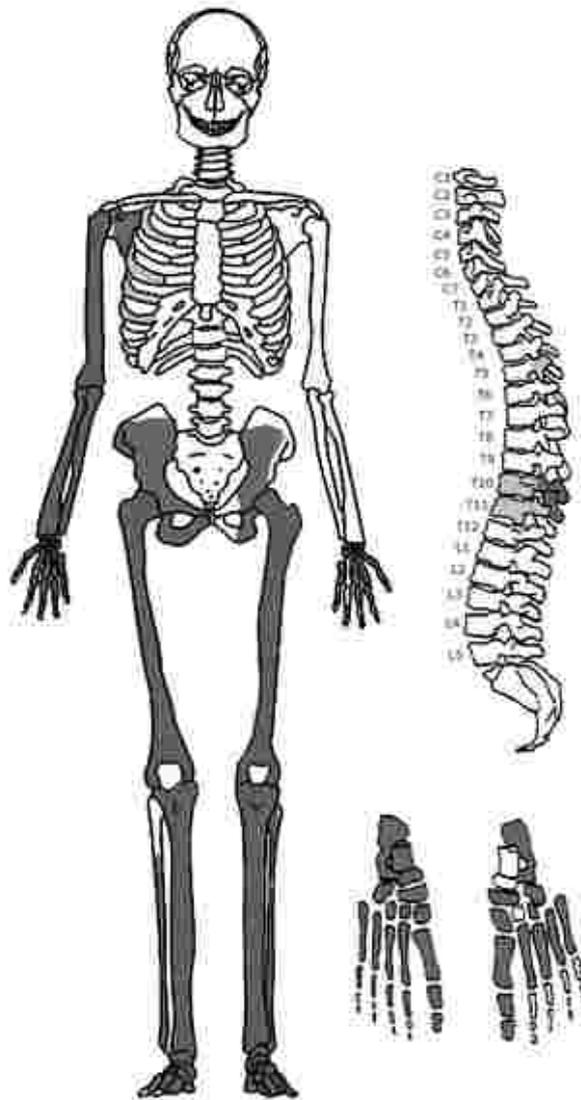
Burial Position and Details:

Plan No: 37B

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 672 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Right acromion process
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head
<i>Elbow</i>	Marginal osteophytes	Right distal humerus
<i>Wrist</i>	Marginal osteophytes	Right distal ulna
<i>Hand</i>	Marginal osteophytes , eburnation, surface porosity	Left MC1, MC2, MC3, MC5, proximal phalanx (proximal articular surface) Right MC3, MC4, 3 rd and 4 th proximal phalanx (proximal articular surface) and 2 intermediate phalanges
<i>Hip</i>	Marginal osteophytes	Right Acetabulum
<i>Ankle</i>	Subchondral bone loss, surface porosity	Right tibia and talus
<i>Foot</i>	Surface porosity	Right Calcaneus and MT1

SK 672: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis, DJD

SK 673A

Adult

Sex Not Recordable

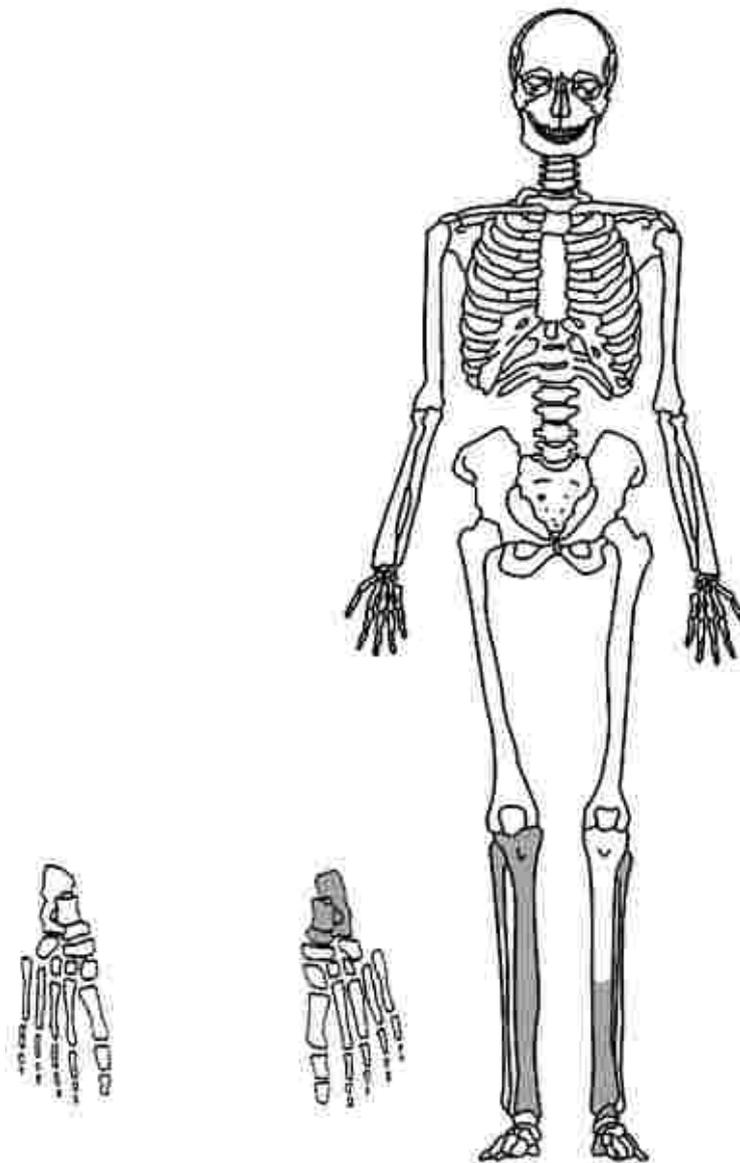
Burial Position and Details:

Plan No: 35

Area No: 17/22

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 673A exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Knee</i>	Marginal osteophytes	Right medial Tibial Condyle

SK 673A: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 673B

Adult

Sex Not Recordable

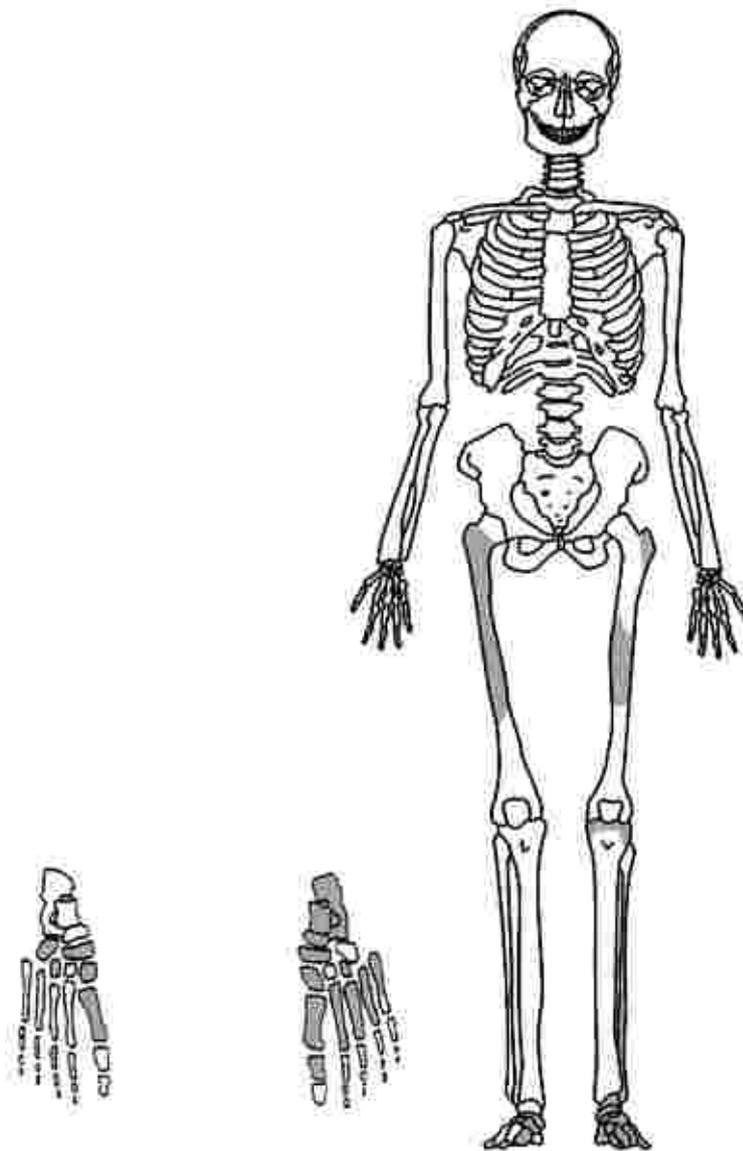
Burial Position and Details:

Plan No: 35

Area No: 17/22

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

SK 673B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 674

Young Adult

Female: 160.74 ± 3.55 cm

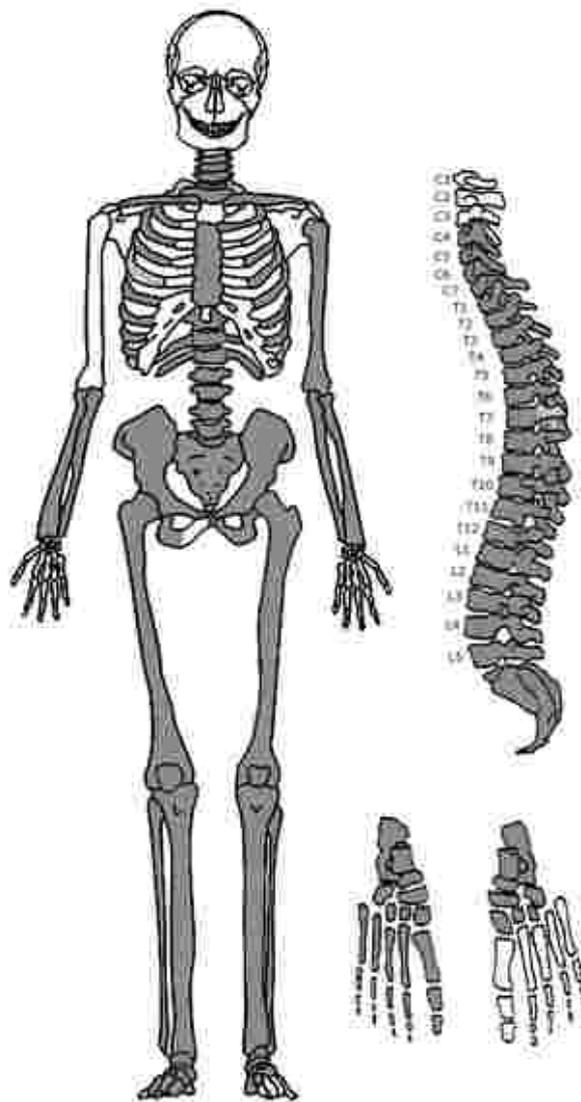
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 674: Palaeopathological Summary and Differential Diagnoses

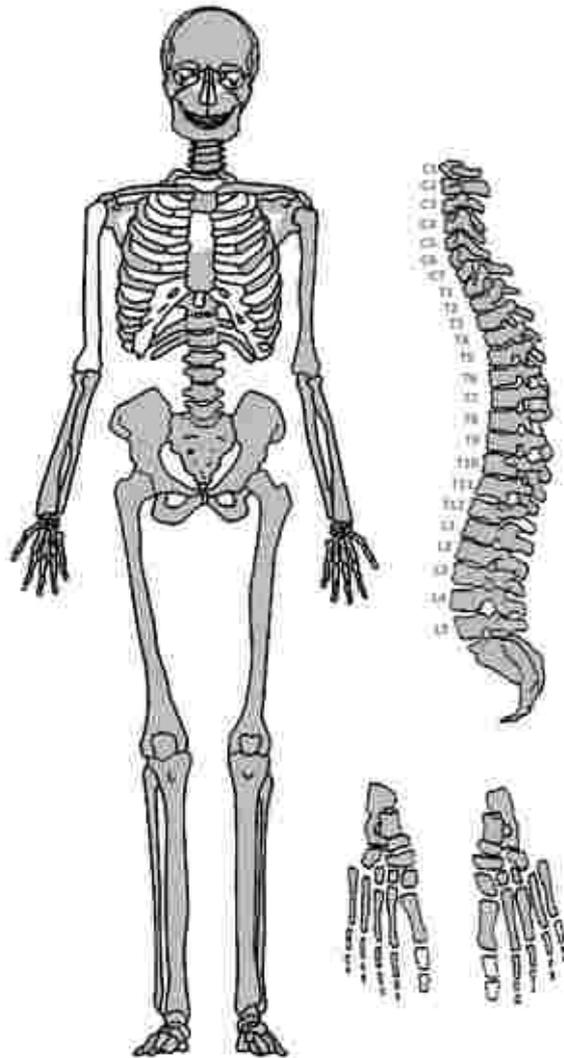
No pathological lesions were observed on the skeletal elements present for analysis.

SK 675**Young Adult****Female: 149.35 ± 3.55 cm****Burial Position and Details:**

Plan No: 32E

Area No: 20

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms extended with the hands together. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	
		2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
Calculus		3	2	2	2	2	2	2	2	2	2	N/P	1	1	2	2	
Caries		0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0	
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia		0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0	
Period. Dis.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Attrition		1	1	2	1	1	1	1	1	1	1	N/P	1	2	2	1	

Cranial Pathology

Congenital

Hyperplasia

Hyperplasia of the left coronoid process of the mandible is observable. The right coronoid process has been damaged post-mortem therefore it is impossible to assess if this defect was uni- or bi-lateral.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	3, 4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	0	0	0	0	0	0	3, 4	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	3
T4	0	0	N/R	0	0	0	N/R	0	0	0	0	3
T5	0	0	0	0	N/R	0	3	0	0	0	0	3
T6	0	0	0	0	0	0	0	0	0	0	N/R	0
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	0	N/R	0
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	3, 4	0		
T12	3, 4, 5	5	N/R	N/R	0			3	N/R	0		
L1	5	3, 4	3, 4	0				3, 4	0			
L2	3	3, 4	3	0				N/R	0			
L3	3, 4	3, 5	0	N/R				0	0			
L4	5	0	0	N/R				0	0			
L5	3	3	0	N/R				0	0			
L6	3, 4	0	0	N/R				0	0			

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of L1, L3 and L4.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the inferior vertebral body of L1.

Infection

Reactive Bone Formation

SK 675 exhibits extensive bilateral periosteal reactive lesions of the ribs and lower lumbar vertebrae. Reactive bone deposits in the form of sclerotic bone is present at the anterior surface of the vertebral bodies of L4 and L5 and the visceral surfaces of one left rib fragment and a further 4 right rib fragments. Sclerosis of these lesions indicates healing took place before the time of death.

*Congenital**Supernumerary Vertebra*

L6 is present.

*Trauma**Spondylolysis*

Bilateral spondylolysis is exhibited at the pars interarticularis of L4 and L5. Aplasia of the right lamina of L5 and the right lamina of L6 is also observable. The inferior apophyseal facet in the case of L5 is congenitally absent and the right superior apophyseal facet in the case of L6 is also absent. In addition the right spinous of L6 has failed to develop.

SK 675: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD
<i>Infection</i>	Non-specific: Reactive bone deposits
<i>Congenital</i>	Supernumerary vertebra, Coronoid hyperplasia
<i>Trauma</i>	Spondylolysis

SK 677

Middle Adult

Female: 155.69 ± 3.55 cm

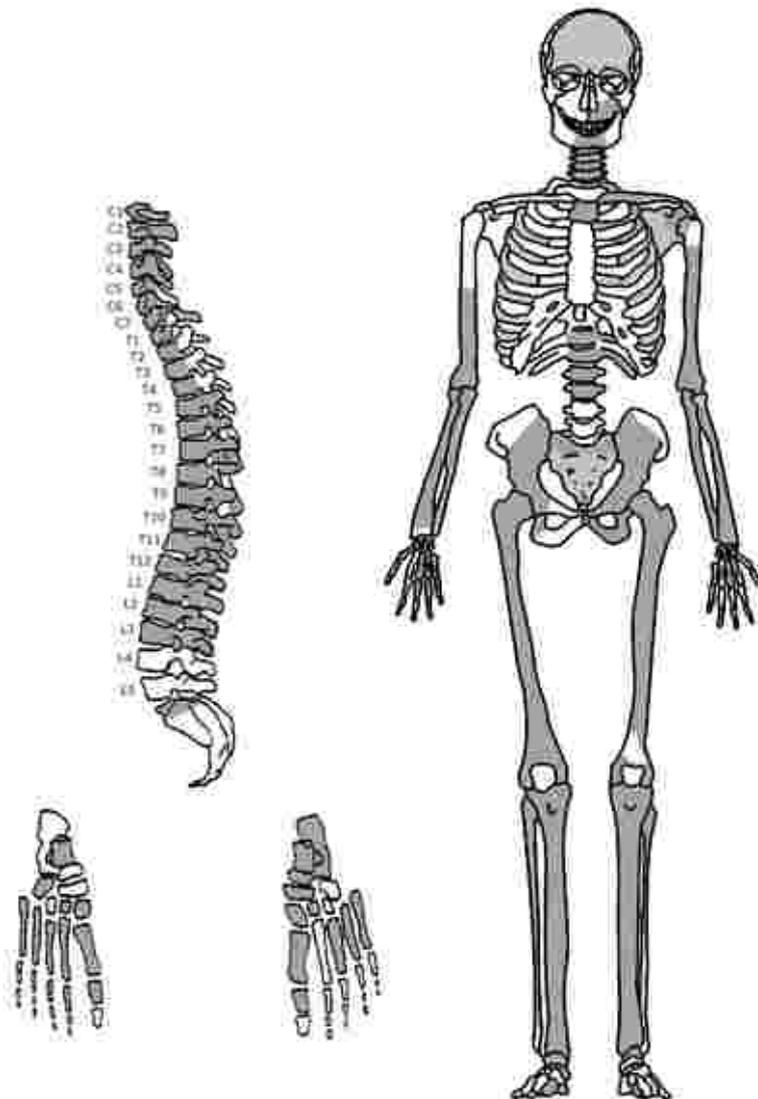
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	2	N/P	3	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/R	2	1
Period. Dis.	N/R	N/P	N/R	N/P	N/P	N/P	N/R	N/R	N/R	N/P	N/P	N/P	N/P	N/R	N/R	1
E.Hypoplasia	0	N/P	N/R	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/R	0	0
Cyst	N/R	N/P	N/R	N/P	N/P	N/P	N/R	N/R	N/R	N/P	N/P	N/P	N/P	0	0	0
Abscess	N/R	N/P	N/R	N/P	N/P	N/P	N/R	N/R	N/R	N/P	N/P	N/P	N/P	0	0	0
Caries	1	N/P	0	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/R	1	0
Calculus	2	N/P	3	N/P	N/P	N/P	1	0	0	N/P	N/P	N/P	N/P	N/R	2	2
	1	N/P	1	N/P	N/P	N/P	1	1	1	N/P	N/P	N/P	N/P	2	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	4	1	1	5	2	2	2	2	1	1	1	N/P	1	N/P
Calculus	N/P	N/P	N/P	1	1	N/R	N/R	N/R	N/R	N/R	1	2	2	N/P	1	N/P
Caries	N/P	N/P	N/P	1	1	N/R	3	N/R	N/R	N/R	0	0	0	N/P	0	N/P
Abscess	N/P	N/P	N/P	N/R	N/R	0	0	0	0	0	0	0	N/R	N/P	N/R	N/P
Cyst	N/P	N/P	N/P	N/R	N/R	0	0	0	0	0	0	0	N/R	N/P	N/R	N/P
E.Hypoplasia	N/P	N/P	N/P	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0	N/P	0	N/P
Period. Dis.	N/P	N/P	N/P	N/R	0	N/R	N/P	N/R	N/P							
Attrition	N/P	N/P	N/P	2	3	N/R	N/R	N/R	N/R	N/R	2	3	3	N/P	1	N/P

Dental Disease

Antemortem Tooth Loss

SK 677 exhibits antemortem tooth loss of 3 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries

Tooth 18: A small carious lesion is present at the tooth crown.

Tooth 27: A small carious lesion is present at the tooth crown.

Tooth 44: A small carious lesion is present at the tooth crown.

Tooth 45: A small carious lesion is present at the tooth crown.

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and antero-medial sector of the right orbital roof and the antero-intermediate and antero-medial sector of the left orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and within the squamous portion of the occipital bone. The activity pattern is healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	4	0	0	0	4	4	N/R
T2	0	0	N/R	N/R	4	4	N/R	0	N/R	4	4	N/R
T3	4	4	N/R	N/R	4	4	N/R	N/R	N/R	N/R	4	N/R
T4	0	0	N/R	N/R	4	4	N/R	N/R	N/R	4	4	N/R
T5	4	4	N/R	N/R	4	N/R	N/R	N/R	N/R	4	4	N/R
T6	0	4	4	0	4	4	N/R	N/R	N/R	4	4	0
T7	4	0	N/R	0	4	4	N/R	0	0	4	4	0
T8	4	4	N/R	0	4	N/R	0	0	0	4	4	N/R
T9	4	4	0	0	4	4	N/R	0	0	0	0	N/R
T10	4 + 5	0	0	0	0			0	0	0		
T11	4	4	4	N/R	4			0	N/R	4		
T12	3 + 4	4	0	4	0			0	0	4		
L1	N/R	N/R	N/R	N/R				N/R	N/R			
L2	4	N/R	0	N/R				0	N/R			
L3	N/R	N/R	N/R	N/R				N/R	N/R			
L4	0	4	0	0				0	0			
L5	4	4	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of T10.

Infection

Reactive Bone Formation with Abnormal Bone Loss

SK 677 exhibits periosteal reactive lesions of the left tibia and fibula. Reactive bone deposits in the form of sclerotic bone are present at the posterior aspect of the distal shaft of the tibia and the posterior aspect of the proximal shaft of the fibula.

Possibly associated bilateral lesions of abnormal bone loss are also observable at the left pelvis and right and left femora. These lesions present as diffuse abnormal bone loss with sclerotic circumscription. The lesions of abnormal bone loss at the left ilium have resulted in severe cortical thinning and structural collapse. The right femoral head exhibits diffuse abnormal bone loss on the superior aspect of the neck. Partial sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Trauma

Fracture

A fracture of unknown type is present at the distal articular surface of an unnumbered proximal foot phalanx. Healing in the form of sclerotic bone formation is also evident at the fracture site.

Metabolic

Osteoporosis

Compression fractures are present at the vertebral bodies of T10, T11 and T12 resulting in structural collapse at T10 (barely discernible) and anterior wedging of the vertebral bodies of T11 and T12. These fractures have resulted in angular secondary kyphosis of the spine and are possibly indicative of an underlying disease process such as osteopenia and/or osteoporosis.

Osteochondritis Dissecans

Subchondral unifocal bone loss indicative of localised avascular necrosis is present at the lateral condyle of the right and left femur. The lesion is bilateral with no observable healing.

Joint

SK 677 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left and Right Manubrium
<i>Glenohumeral</i>	Surface porosity	Right Manubrium Right Humeral Head
<i>Ribs</i>	Surface porosity	1x Left Rib head
<i>Hand</i>	Surface osteophytes, surface porosity	Right MC1, MC4, MC5 and proximal phalanx (proximal articular surface) Left MC1, MC3, MC5, scaphoid and proximal phalanx (proximal articular surface)
<i>Ankle</i>	Surface porosity	Right Tibial Condyles
<i>Foot</i>	Subchondral bone loss	1 st proximal foot phalanx (proximal articular surface)

SK 677: Palaeopathological Summary and Differential Diagnoses

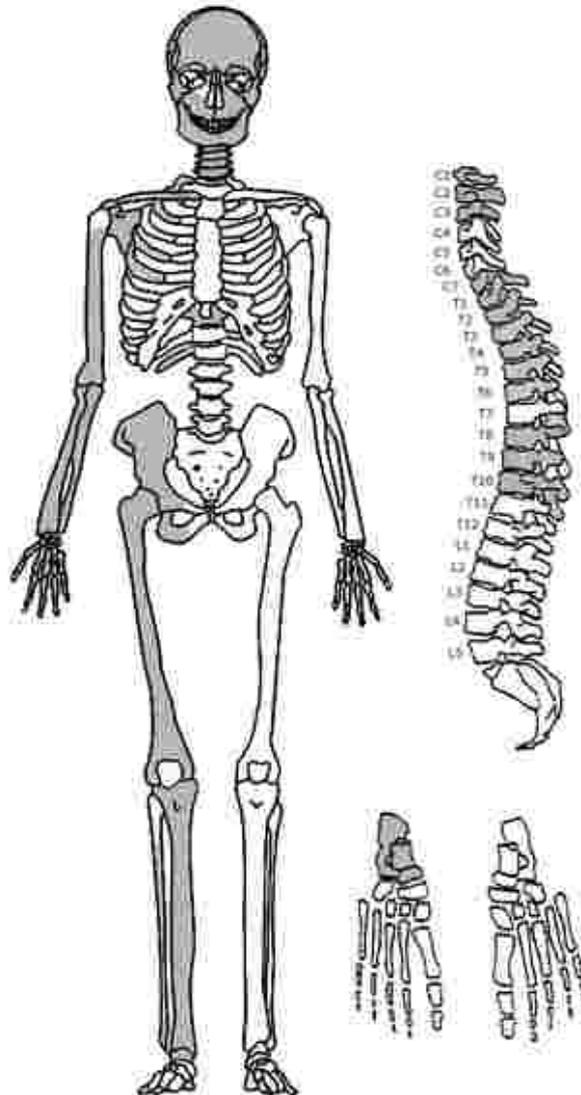
<i>Dental</i>	Caries, periodontal disease, calculus, dental attrition, antemortem tooth loss
<i>Vertebral</i>	Schmorl's node, Intervertebral osteochondrosis, DJD, Compression fractures
<i>Joint</i>	DJD
<i>Metabolic</i>	PH, CO, Osteoporosis
<i>Infection</i>	Non-specific: Reactive bone deposits, Abnormal bone loss
<i>Trauma</i>	Osteochondritis Dissecans, Comminuted Fracture

SK 679**Middle Adult****Female: 148.77 ± 3.55 cm****Burial Position and Details:**

Plan No: 28D

Area No: 12/16

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The right arm was extended with the right hand by the pelvis. The right leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	N/R	N/P	N/P	3	N/P									
Period. Dis.	N/P	0	3	0	0	N/R	0	0	0	0	0	0	0	3	2	N/P
E.Hypoplasia	N/P	0	N/R	N/P	N/P	N/R	N/P									
Cyst	N/P	0	1	0	0	0	0	0	0	0	0	0	0	0	1	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	1	0	N/P
Caries	N/P	0	3	N/P	N/P	0	N/P									
Calculus	N/P	2	0	N/P	N/P	0	N/P									
	N/P	1	5	2	2	1	2	2	2	2	2	2	2	4	2	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	4	1	4	1	1	1	1	1	1	1	4	4	1	4	N/P
Calculus	N/P	N/P	1	N/P	1	1	1	1	1	1	1	N/P	N/P	0	N/P	N/P
Caries	N/P	N/P	0	N/P	0	0	0	0	0	0	0	N/P	N/P	0	N/P	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	N/P	0	N/P	0	0	0	0	0	0	0	N/P	N/P	0	N/P	N/P
Period. Dis.	N/P	0	3	0	0	N/R	N/R	N/R	N/R	N/R	1	0	0	3	0	N/P
Attrition	N/P	N/P	3	N/P	2	2	2	2	2	2	2	N/P	N/P	2	N/P	N/P

Dental Disease

Antemortem Tooth Loss

SK 679 exhibits antemortem tooth loss of 5 mandibular and 1 maxillary molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites of Tooth 25, 34, 35 and 45 with only partial resorption of the tooth sockets of Tooth 37 and 47.

Caries, Abscess, Cyst

Tooth 16: Large carious lesion present which has eroded the entire tooth crown so that only the tooth root remains; associated large cyst/ abscess observable at the affected tooth socket. This lesion extends to penetrate the wall of the adjacent tooth socket of Tooth 17

Tooth 26: Abscess/ cyst present at apex of tooth root

Cranial Pathology

*Miscellaneous Pathology**Abnormal Bone Loss*

A lesion of abnormal bone loss is observable at the left portion of the vomer. The bone loss affects the cortex only and presents as a unifocal lesion less than 1cm in diameter. The boundaries of the lesion are well-defined but with no sclerosis.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	3, 4	0	0				0	2, 4			
C4	3, 4	0	2, 3, 4	2, 3, 4				N/R	N/R			
C5	0	4	2, 3, 4	3				N/R	N/R			
C6	3, 4	4	0	0				0	0			
C7	3, 4	0	0	0				0	2, 4			
T1	0	0	0	0	N/R	N/R	0	2, 4	0	N/R	N/R	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	N/R	N/R	0	0	0	N/R	0	0	0	N/R	N/R	0
T5	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T6	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T7	0	0	0	N/R	N/R	N/R	0	0	N/R	0	0	0
T8	0	0	0	0	0	0	2, 3	0	0	4	0	N/R
T9	0	0	0	0	0	0	2, 3	0	0	4	0	2, 3
T12	N/R	N/R	N/R	0	N/R			0	0	N/R		
L1	N/R	N/R	0	N/R				N/R	N/R			
L2	N/R	N/R	N/R	0				N/R	0			
L3	N/R	N/R	N/R	0				N/R	N/R			

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right superior and inferior apophyseal vertebral facets of C4 and the right superior apophyseal facet of C5 in the form of eburnation, surface porosity and marginal osteophyte formation.

Joint

SK 679 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left Temporal and Mandibular condyle
<i>Hand</i>	Marginal osteophytes, eburnation	Right triquetrum, MC1 and MC2
<i>Hip</i>	Marginal osteophytes	Right Acetabulum
<i>Knee</i>	Marginal osteophytes , eburnation	Right Femoral Condyles, Tibial Condyles and Patella

SK 679: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental abscess/cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis, Osteoarthritis
<i>Miscellaneous</i>	Abnormal bone loss
<i>Joint</i>	Osteoarthritis, DJD

SK 680

Adult

Probable Female

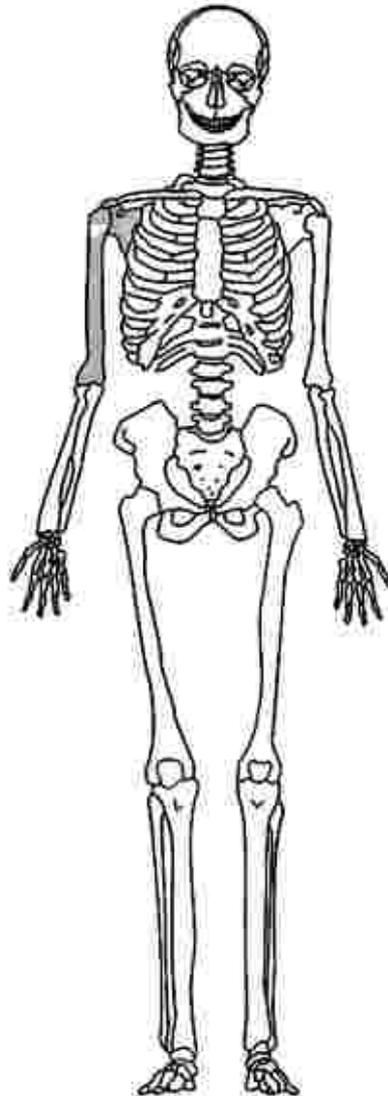
Burial Position and Details:

Plan No: 28E

Area No: 12/16

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 680: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 681

Young Adult

Female: 152.1 ± 3.55 cm

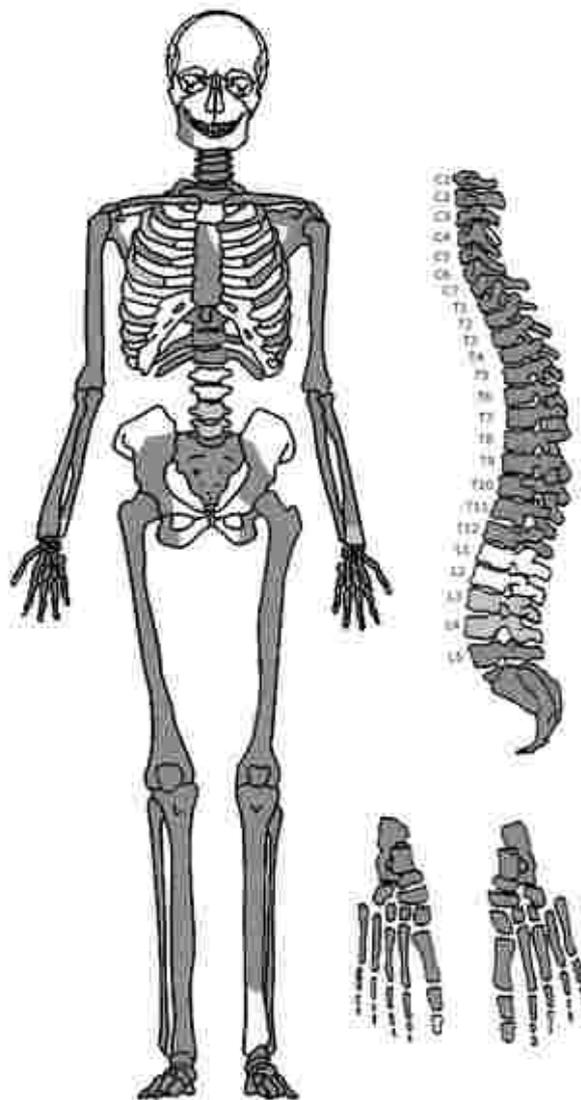
Burial Position and Details:

Plan No: 32D

Area No: 20

SW-NE orientation; simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	1	1	2	2	2	1	N/P									
Calculus	N/P	2	1	N/R	N/R	N/R	1	N/P									
Caries	N/P	0	0	N/R	N/R	N/R	0	N/P									
Abscess	N/P	0	0	0	0	0	N/R	N/P									
Cyst	N/P	0	0	0	0	0	N/R	N/P									
E.Hypoplasia	N/P	0	0	N/R	N/R	N/R	0	N/P									
Period. Dis.	N/P	N/R	N/R	N/R	N/R	N/R	N/R	N/P									
Attrition	N/P	0	1	N/R	N/R	N/R	1	N/P									

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 681 exhibits extensive periosteal reactive lesions of the right ribs. Reactive bone deposits in the form of woven bone are present at the visceral surfaces of 6 right rib fragments. A mixed reaction of both woven and sclerotic bone is present at the further 3 rib fragments. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 681: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Infection Non-specific: Reactive bone deposits

SK 682

Adult

Probable Male

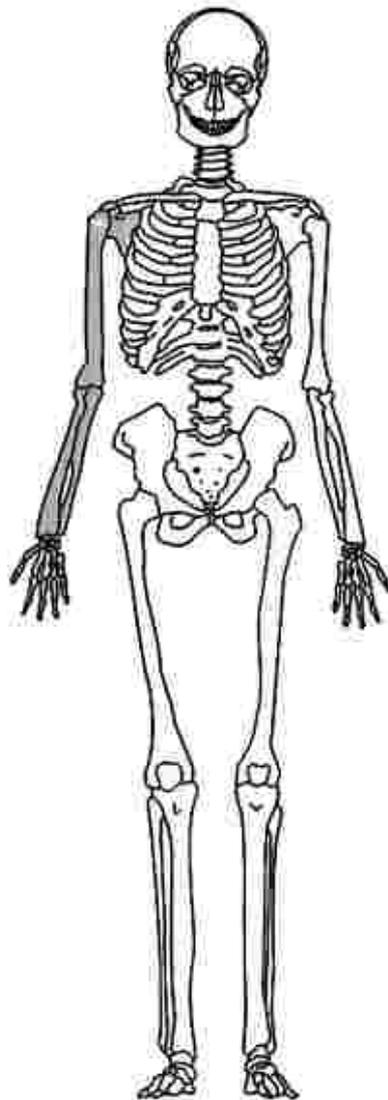
Burial Position and Details:

Plan No: 28E

Area No: 12

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Taphonomy: The skeletal elements are heavily affected by oxidisation

SK 682: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 683B

Adult

Probable Male: 173. 66 ± 2.99 cm

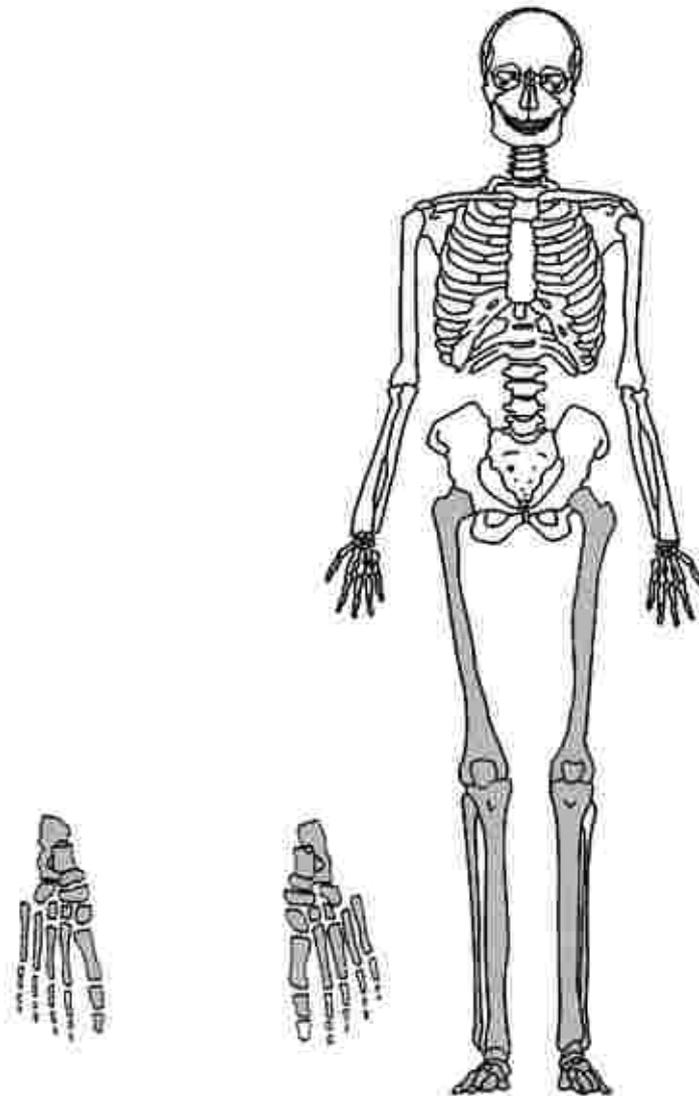
Burial Position and Details:

Plan No: 28E

Area No: 12

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Joint

Enthesophyte Formation

Vertical enthesophyte formation is present at the right and left patellae, the distal shaft of the right and left fibulae and at the posterior aspect of the right and left calcaneus.

SK 683B: Palaeopathological Summary and Differential Diagnoses

Joint Enthesophyte Formation

SK 685

Middle Adult

Male: 168.98 ± 2.99 cm

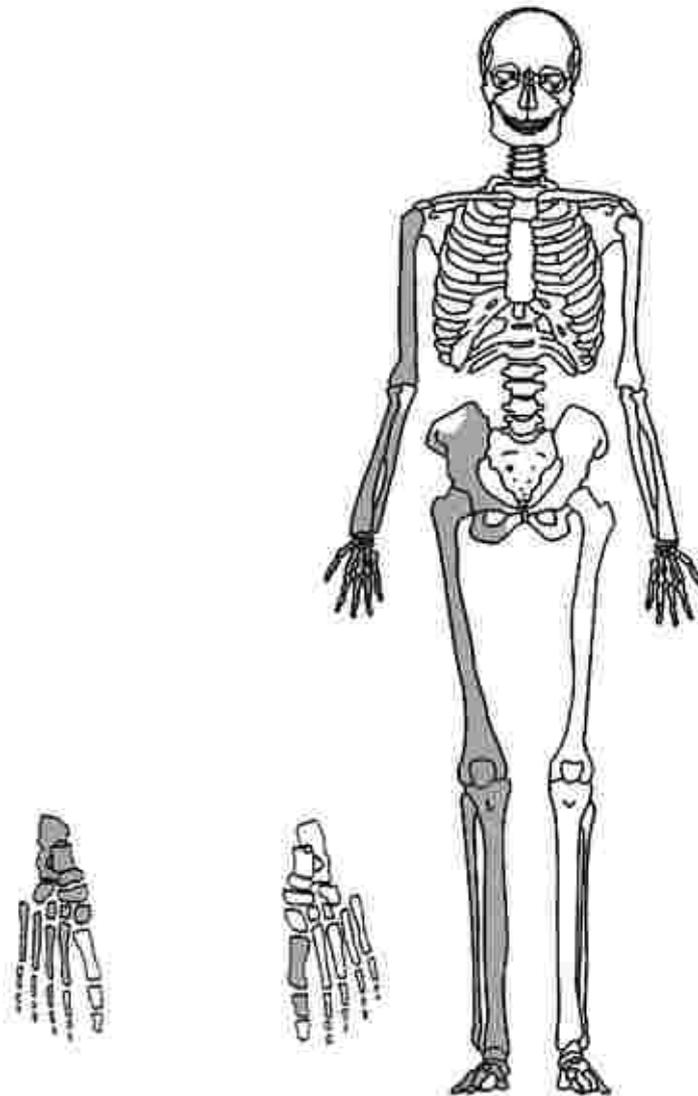
Burial Position and Details:

Plan No: Not specified

Area No: 20

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 685: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 686**Young Adult****Male: 171.13 ± 3.27 cm****Burial Position and Details:**

Plan No: Not specified

Area No: Not specified

E-W orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow with the right arm extended. The left hand was positioned over the right ribs and the right hand was over the right pelvis. The left leg extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
Calculus	2	1	1	1	1	1	N/R	N/R	N/R	N/R	1	1	1	2	1	1
Caries	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0
Attrition	0	1	2	1	1	1	N/R	N/R	N/R	N/R	1	1	1	2	1	0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	N/R	0	0	0	0	0	N/R
T3	0	3	0	0	0	0	N/R	0	0	0	N/R	0
T4	3	3	0	0	0	0	0	0	0	0	0	0
T5	3	5	0	0	0	N/R	0	0	0	0	N/R	0
T6	5	5	0	N/R	0	0	N/R	0	N/R	0	0	0
T7	5	5	0	0	0	0	4	0	0	0	0	N/R
T8	5	5	0	0	0	0	0	0	0	0	0	0
T9	5	5	0	0	0	0	0	0	0	0	0	4
T10	5	5	0	0	0			0	0	0		
T11	5	5	0	0	0			0	0	0		
T12	5	5	0	0	0			0	0	0		
L1	5	5	0	0				0	N/R			
L2	5	0	0	0				0	0			
L3	5	0	0	0				0	N/R			
L4	3	0	0	0				0	0			
L5	3	0	0	0				0	0			
L6	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T5, T8, T9, T10, T11, L1, L2 and L3. Schmorl's nodes of moderate expression are present at the vertebral bodies of T6, T7 and T12. A Schmorl's node of marked expression is present at the vertebral body of L1.

SK 686: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Vertebral Schmorl's nodes
Congenital Additional lumbar vertebra present

SK 688**Middle Adult****Female: 154.92 ± 3.55 cm****Burial Position and Details:**

Plan No: 35B

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	2	3	N/P	2	2	1	1	1	1	1	1	3	2	N/P	N/P	N/P
Period. Dis.	1	1	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
E.Hypoplasia	0	0	N/P	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Caries	0	1	N/P	0	0	0	0	0	0	0	0	2	0	N/P	N/P	N/P
Calculus	1	1	N/P	1	1	1	1	1	1	1	1	1	1	N/P	N/P	N/P
	1	1	4	1	1	1	1	1	1	1	1	1	1	4	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	5	4	2	1	1	1	1	2	1	1	1	1	5	1	4
Calculus	N/P	N/R	N/P	N/P	1	1	1	1	N/P	1	1	1	1	N/R	1	N/P
Caries	N/P	3	N/P	N/P	0	0	0	0	N/P	0	0	0	1	3	2	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/R	N/P	N/P	0	0	0	0	N/P	0	0	0	0	N/R	0	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/P	N/R	N/P	N/P	1	1	1	2	N/P	1	1	1	1	N/R	1	N/P

Dental Disease

Antemortem Tooth Loss

SK 688 exhibits antemortem tooth loss of 5 molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites of Tooth 26, 46 and 48 with only partial resorption of the tooth socket of Tooth 16 and 38.

Caries/ Abscess/ Cyst

Tooth 17: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 24: Medium-sized carious lesion present on occlusal surface of tooth penetrating the pulp cavity

Tooth 35: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 36: Large carious lesion present which has eroded tooth crown so that only the tooth root remains

Tooth 37: Medium-sized carious lesion present on the buccal and distal aspects of the neck of the tooth penetrating the pulp cavity

Tooth 47: Large carious lesion present which has eroded tooth crown so that only the tooth root remains

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	3, 4	3	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	0	0	0	0	4	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	N/R	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T7	0	0	0	0	N/R	N/R	0	0	0	0	0	0
T8	0	0	0	0	0	N/R	0	0	0	0	0	0
T9	0	0	0	0	0	N/R	0	0	0	0	N/R	N/R
T10	0	0	0	0	0			0	0	N/R		
T11	0	5	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	4		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	3	0	0	0				0	0			
L4	3	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of T11.

Joint

SK 688 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Left Humeral Head
<i>Elbow</i>	Surface porosity, marginal osteophytes	Left and Right distal humerus, proximal ulna and radius
<i>Wrist</i>	Marginal osteophytes	Left and Right distal radius
<i>Hip</i>	Marginal osteophytes	Left Acetabulum

*Miscellaneous Pathology**Abnormal Bone Loss*

A lesion of abnormal bone loss is observable at the palmar surface of an un-sided 4th proximal hand phalanx. The lesion is circular in shape and measures less than 1cm in diameter.

SK 688: Palaeopathological Summary and Differential Diagnoses

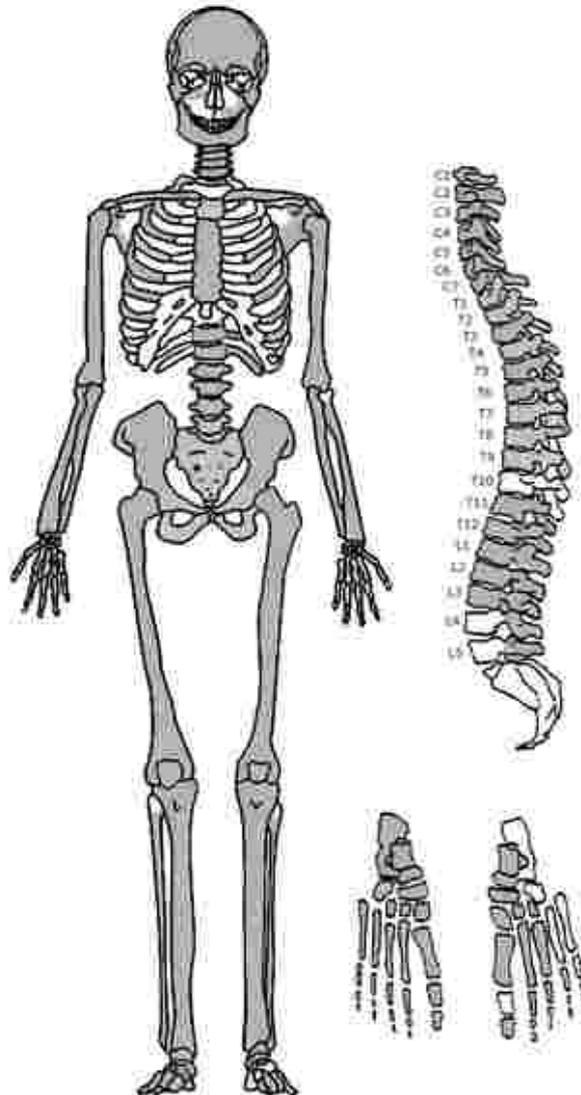
<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's node
<i>Joint</i>	DJD
<i>Miscellaneous</i>	Abnormal Bone Loss

SK 690**Old Adult****Male: 167.68 ± 2.99 cm****Burial Position and Details:**

Plan No: 30B

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	2	2	2	N/P										
Period. Dis.	N/P	N/R	0	0	0	0	0									
E.Hypoplasia	N/P	0	0	0	0	N/P										
Cyst	N/P	0	0	0	0	1										
Abscess	N/P	0	0	0	1	0										
Caries	N/P	0	2	2	2	N/P										
Calculus	N/P	1	1	2	1	N/P										
	N/P	2	1	1	1	2										
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	2	1	1	2	2	2	2	2	2	2	1	1	2	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	2	1	1	2	2	2	2	2	2	2	1	1	2	2

Dental Disease

Caries, Abscess/ Cyst

Tooth 25: Medium sized carious lesion present on distal aspect of neck of tooth

Tooth 26: Medium sized carious lesion present on the medial aspect of neck of tooth with associated abscess at apex of tooth; periosteal reaction surrounding boundary of lesion

Tooth 27: Medium sized carious lesion present on distal aspect of neck of tooth

Tooth 28: Medium sized abscess/ cyst at apex of tooth

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and middle-intermediate sector of the left orbital roof and the antero-lateral, antero-intermediate and antero-medial sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	2, 3				0	0			
C2	3	4	2, 3	0				0	2, 3, 4			
C3	3, 4	3, 4	0	2, 3, 4				2, 3, 4	2, 3			
C4	3, 4	3, 4	2, 3, 4	2, 3				2, 3	2, 3, 4			
C5	4	3, 4	0	0				2, 3, 4	0			
C6	3, 4	3, 4	3	0				0	0			
C7	3, 4	0	0	2, 3, 4				0	2, 3, 4			
T1	0	3, 4	2, 3, 4	0	0	0	0	2, 3, 4	0	0	0	N/R
T2	3	3	0	0	0	0	0	0	0	0	0	0
T3	6 unnumbered vertebrae are present 4 of these have no pathological lesions are evident; One vertebrae has two superior costal facets have macroporosity evident the second has macroporosity evident on the right superior and inferior facet.											
T4												
T5												
T6												
T7												
T8												
T9												
T10	3	3	0	0	4			0	0	4		
T11	3, 4	4	0	0	2, 3, 4			0	0	3, 4		
L1	3, 4, 5	3	0	N/R				0	0			
L2	3, 4	4, 5	0	0				0	0			
L3	3	0	0	0				0	3			
L4	3	N/R	3	0				3	0			
L5	N/R	N/R	0	3				3	3			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of L1 and L2.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the majority of cervical apophyseal vertebral joints and the right superior costal facet of T11 in the form of eburnation, surface osteophytes and marginal osteophytes.

*Trauma**Complete Fracture*

A complete fracture is present at one unsided rib fragment. The fracture line is still evident on the visceral surface but obliterated by healing on the pleural surface of the rib body. Healing in the form of both woven and sclerotic callus bone formation is also observable.

Joint

SK 690 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right Mandibular condyle
<i>Acromioclavicular</i>	Surface porosity , eburnation, surface osteophytes	Left and Right Clavicle and acromion process
<i>Glenohumeral</i>	Marginal osteophytes	Left and Right Humeral Head
<i>Ribs</i>	Surface porosity, surface osteophytes	Left 1 st , 11 th and 12 th rib head 1x Left Rib head 2x Right Rib heads
<i>Elbow</i>	Surface porosity	Left proximal ulna
<i>Wrist</i>	Eburnation	Left scaphoid, triquetrum and trapezium
<i>Hand</i>	Marginal osteophytes, eburnation	Left and Right trapezoid Left MC1 Right MC2, MC5 and proximal phalanx
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Left and Right Acetabulum
<i>Knee</i>	Eburnation, marginal osteophytes	Left Femoral and Tibial lateral condyles

Congenital

Supernumerary Rib

A small lower right rib (Rib 13) is present.

SK 690: Palaeopathological Summary and Differential Diagnoses

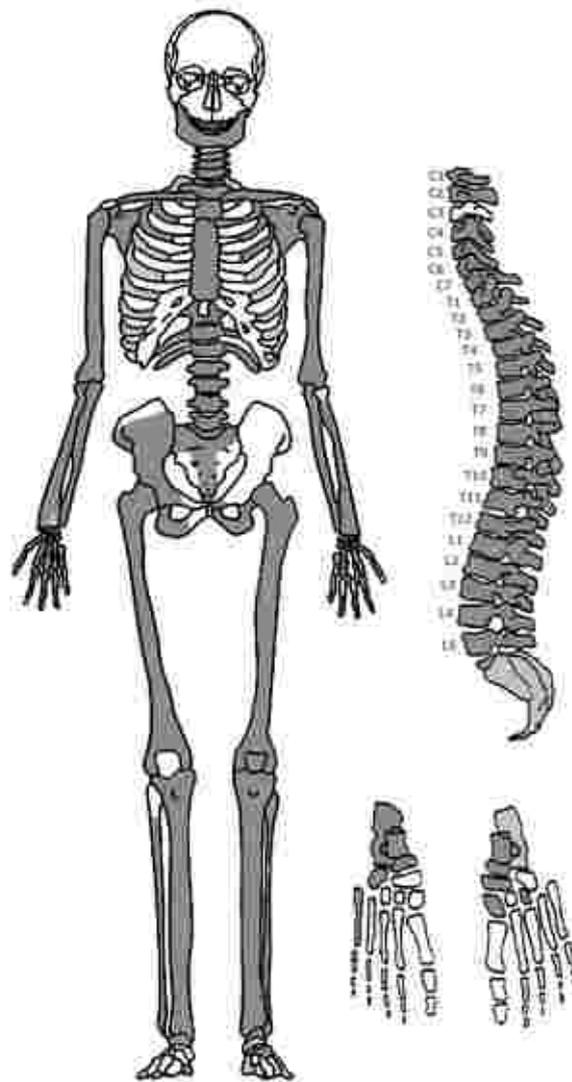
<i>Dental</i>	Caries, dental cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, Osteoarthritis
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	CO
<i>Trauma</i>	Fracture
<i>Congenital</i>	Supernumerary rib

SK 693**Young Adult****Female: 156.22 ± 3.55 cm****Burial Position and Details:**

Plan No: 37D

Area No: 16/21

Orientation not specified: simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The left hand was positioned over the pelvic region with the right hand by the side of the body. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	N/P	0	1	0	0	0	1	1	1	1	0	0	0	1	0	N/P
Attrition	N/P	0	1	0	0	1	1	2	2	1	1	1	1	1	0	N/P

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	0	0	0	0				0	0			
C4	3	0	0	0				N/R	0			
C5	0	0	0	0				0	0			
C6	0	4	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	N/R	0	0	0	4	N/R	0
T2	0	0	0	0	0	N/R	0	0	0	0	0	0
T3	0	N/R	0	0	0	N/R	0	0	0	0	0	0
T4	N/R	0	0	0	N/R	0	0	0	0	0	N/R	0
T5	0	0	0	0	0	N/R	0	0	0	0	0	0
T6	0	3	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	N/R	N/R	0	0	0	0	N/R	0
T8	0	4	0	0	N/R	N/R	0	0	0	0	N/R	0
T9	0	0	0	0	0	0	0	0	0	0	N/R	0
T10	0	0	0	0	0			0	0	0		
T11	5	5	0	0	0			0	0	9		
T12	0	5	0	0	0			0	0	0		
L1	5	5	0	0				0	0			
L2	3, 4	5	0	0				0	0			
L3	5	0	0	0				0	0			
L4	4	0	0	0				4	0			
L5	0	0	0	0				4	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11, L1, L2 and L3.

A Schmorl's node of marked expression is present at the vertebral body of T12.

*Infection**Possibly Lytic Lesion*

A possible lytic lesion presenting as unifocal abnormal bone loss is present at the inferior vertebral body of T11. The bone loss extends to the trabecular bone and measures 8.97mm medial-lateral and 5.1mm anterior-posterior. The boundaries of the lesion are well-defined with no observable healing.

Reactive Bone Formation

SK 693 exhibits extensive periosteal reactive lesions of the right pelvic bones and the sacrum. Reactive bone deposits in the form of woven bone are present at the anterior and posterior aspects of the ilium. An extensive mixed reaction of both woven and sclerotic bone is present along the anterior sacral bodies from the level of S2-S5 and on the pubic bone. Sclerotic bone is also observable on the anterior aspect of the ischium. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

*Congenital**Os Acromiale*

SK 693 exhibits congenital non-fusion of the left acromion process.

SK 693: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Possible lytic lesion
<i>Infection</i>	Non-specific: Reactive bone deposits
<i>Congenital</i>	<i>Os Acromiale</i>

SK 696A

Adult Probable Female: 159.11 ± 3.55 cm

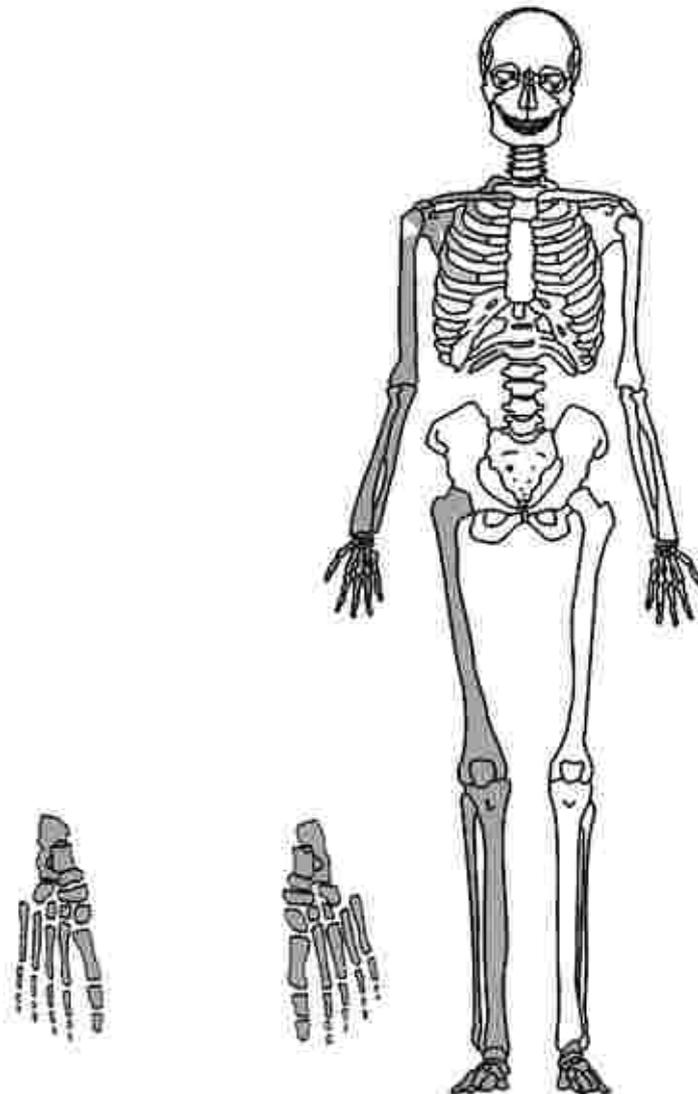
Burial Position and Details:

Plan No: 28E

Area No: 12

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The right arm and leg were extended. The right hand was positioned by the side of the body.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 696A exhibits a periosteal reactive lesion of the right femur. A mixed reaction of both woven and sclerotic bone is present on the posterior-lateral aspect of the midshaft of the femur. Reactive bone deposits are also observable at the anterior-lateral aspect of the right proximal femur. Partial sclerosis of the former lesion indicates a degree of healing took place before the time of death.

Joint

SK 696A exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface osteophytes, marginal osteophytes	4x Right Costal Facets and rib heads

SK 696A: Palaeopathological Summary and Differential Diagnoses

Joint DJD
Infection Non-specific: Reactive bone deposits

SK 696B

Young Adult

Male

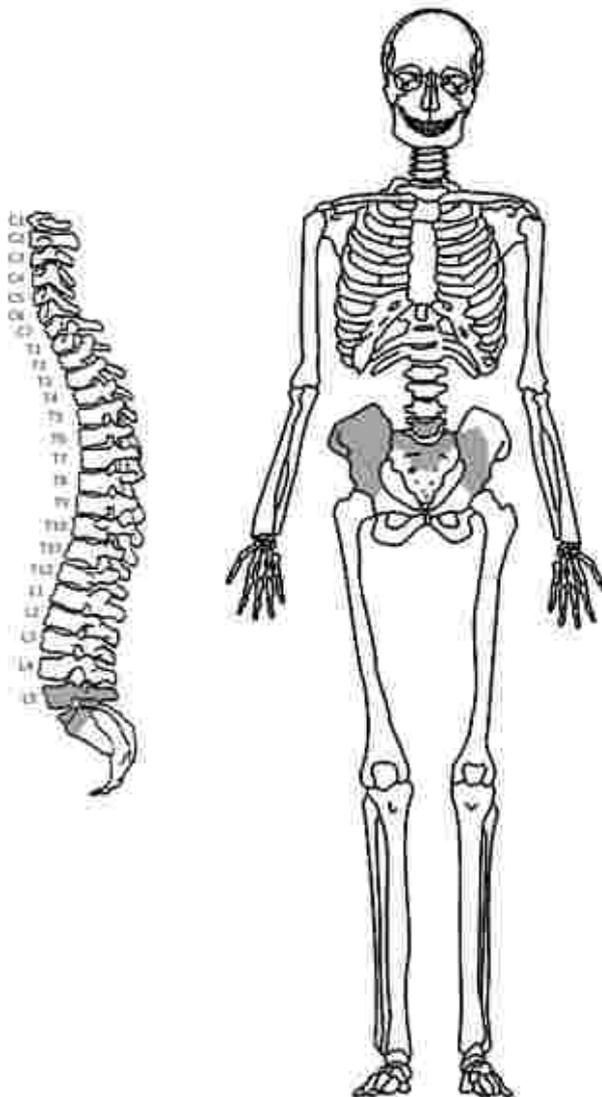
Burial Position and Details:

Plan No: 28E

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
L5	0	0	3 + 4	2 + 3				3	2 + 3			

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right and left inferior apophyseal vertebral facets of L5 in the form of eburnation and marginal osteophytes.

SK 696B: Palaeopathological Summary and Differential Diagnoses*Vertebral Osteoarthritis*

SK 697

Adult

Male

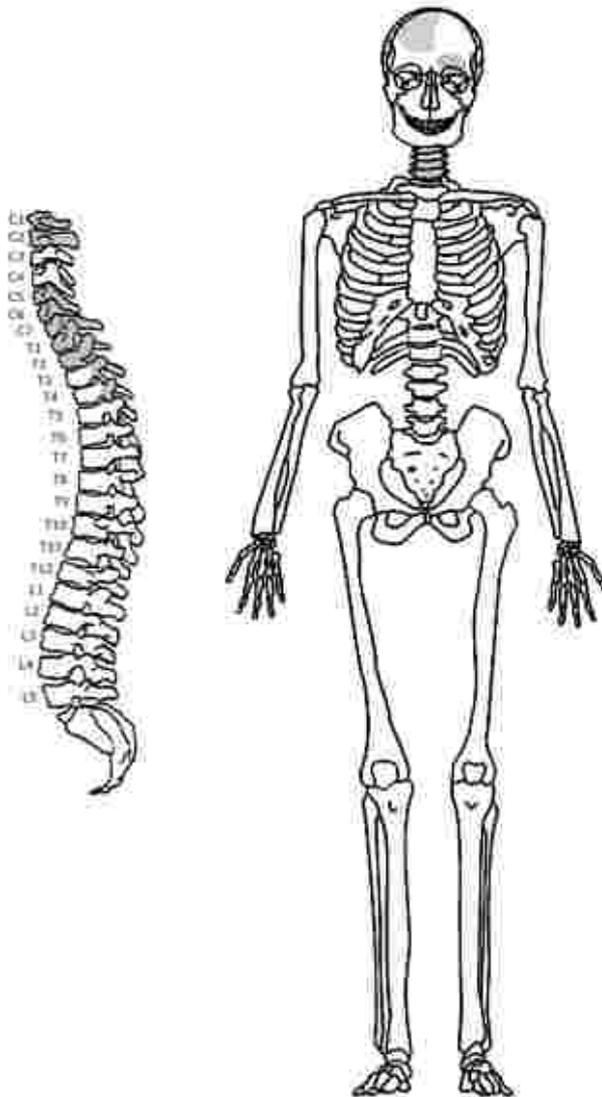
Burial Position and Details:

Plan No: Not specified

Area No: 21

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate and middle-intermediate sector of the left orbital roof.

SK 697: Palaeopathological Summary and Differential Diagnoses

Metabolic CO

SK 699A

Young Adult

Probable Male

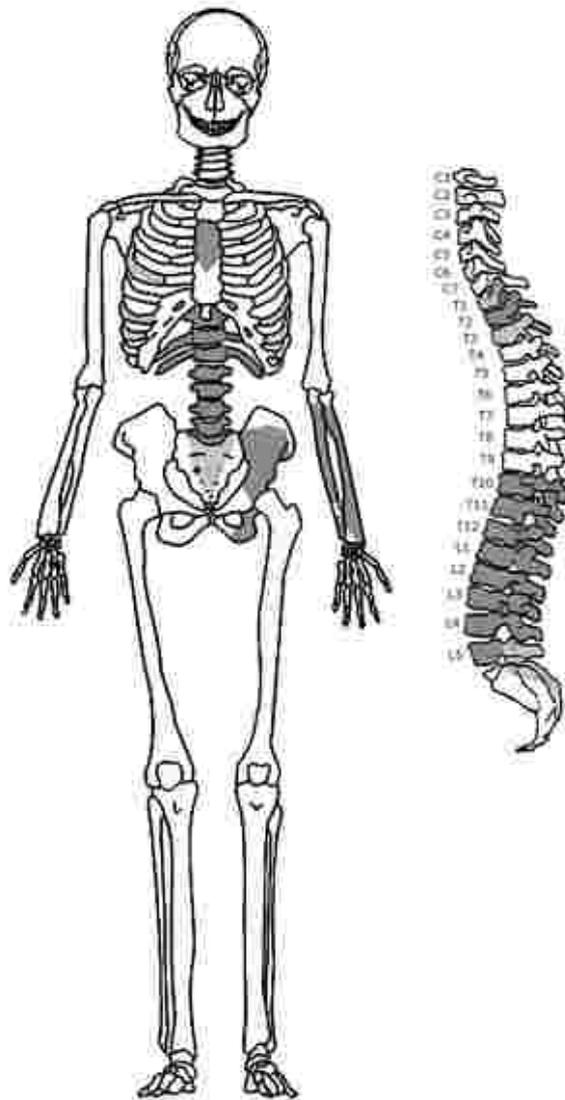
Burial Position and Details:

Plan No: 32E

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	Three unnumbered vertebrae present all have no pathological lesions evident.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11	N/R	N/R	0	4	0		0	0	0			
T12	0	0	0	0	0		0	0	0			
L1	4	0	0	0			0	0				
L2	5	0	0	0			0	0				
L3	0	0	0	0			0	4				
L4	0	0	0	0			0	0				
L5	0	0	0	N/R			0	N/R				

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of L2.

*Infection**Reactive Bone Formation*

SK 699A exhibits an extensive periosteal reactive lesion of the left ulna. Reactive bone deposits in the form of sclerotic bone are present at the lateral-posterior aspect of the proximal shaft of the ulna. Sclerosis of this lesion indicates healing took place before the time of death.

*Trauma**Spondylolysis*

Bilateral spondylolysis is exhibited at the pars interarticularis of L5

SK 699A: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node
Infection Non-specific: Reactive bone deposits
Trauma Spondylolysis

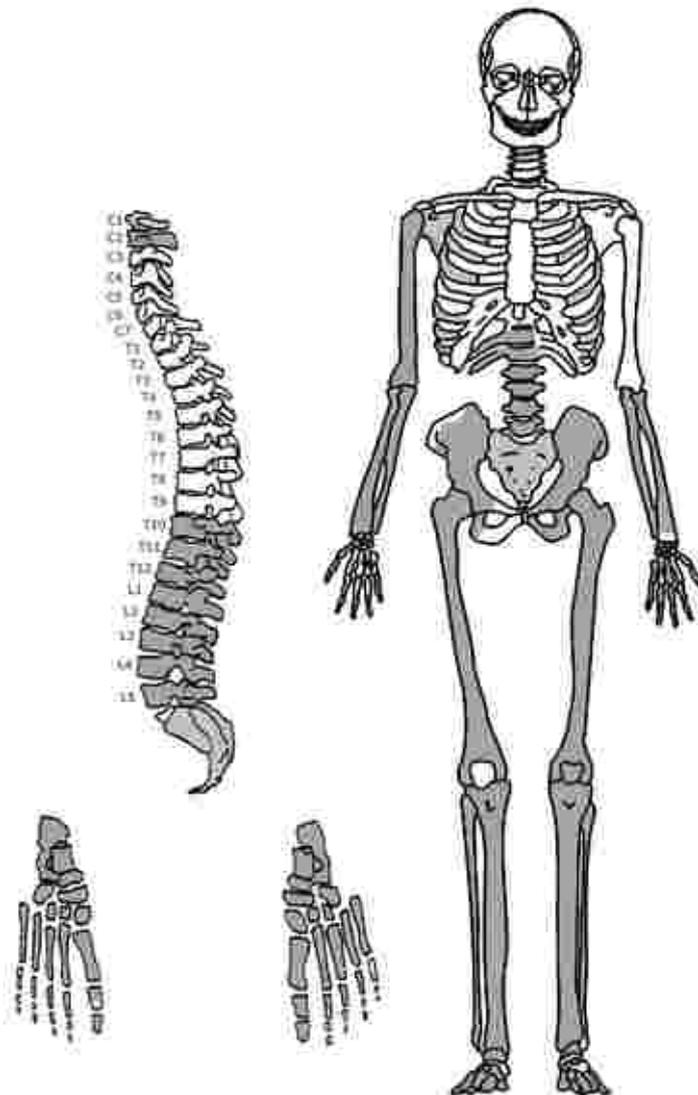
SK 700**Old Adult****Female: 157.51 ± 3.55 cm****Burial Position and Details:**

Plan No: 35B

Area No: 17/22

W-E orientation; simple, extended supine burial of good completeness and good preservation.

SK700 was found in association with find and F82: 2 fragments of pottery.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		N/R	N/R	N/R				0	0			
C2	3	3 + 4	0	N/R				0	N/R			
T8	3	4	0	0	4	4	N/R	0	0	4	4	4
T9	N/R	N/R	0	4	0	N/R	N/R	0	0	4	4	N/R
T10	N/R	N/R	0	0	4			0	4	N/R		
T11	3, 4	4	4	3 + 4	4			0	3 + 4	4		
T12	3	3	0	3 + 4	3 + 4			3	3	3 + 4		
L1	3	3, 4	0	0				0	3 + 4			
L2	3, 4	3, 4	0	0				0	0			
L3	3, 4	3, 4	0	3 + 4				0	3			
L4	3	0	3 + 4	3 + 4				3	3 + 4			
L5	0	4	3 + 4	3 + 4				3 + 4	3 + 4			

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of T12, L1, L2 and S1.

Infection

Possible Tuberculosis

SK 700 exhibits extensive pathological lesions indicative of possible tuberculosis. Lytic lesions presenting as areas of unifocal abnormal bone loss are present bilaterally throughout the skeleton affecting a number of thoracic and lumbar vertebrae in addition to the right shoulder, left elbow, and left and right knee.

Lytic lesions are present at the vertebral bodies of T8, T11, L1 and L3 resulting in secondary pathological fractures at T11, and L1 (described under Trauma below). Subchondral lesions of unifocal bone loss, also lytic in appearance, are present at the right humeral and left radial heads in addition to the right femoral condyles and the left medial femoral condyle. Lytic bone

loss is also apparent on the lateral condyle of the right tibia and the articular surface of the right patella. Sclerosis is observable at the boundary of the left femoral condyle lesion indicate a degree of healing took place before the time of death. X-ray analysis of these areas of subchondral bone loss is necessary in order to discern if further lytic bone loss is present beneath the observable bone surface.

A healed periosteal reactive lesion (i.e. reactive bone deposit) is observable at the posterior aspect of the left ilium.

Trauma

Pathological compression fractures are present at the vertebral bodies of T11, T12 and L1 resulting in an anterior wedge-shaped appearance. The fractures at the vertebral bodies of T11 and L1 are likely to have occurred in response to structural weakness as a result of presence of lytic lesions at the affected vertebral bodies. Secondary kyphosis of the spine is also observable.

Joint

SK 700 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Surface porosity	Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	4x Left Costal Facets and rib heads 1x Right Costal Facet and 2 rib heads
<i>Elbow</i>	Marginal osteophytes	Right proximal ulna
<i>Wrist</i>	Surface porosity	Left trapezoid, scaphoid, lunate, triquetrum, capitate and hamate
<i>Hip</i>	Periarticular resorptive foci and surface porosity	Right Trapezium Left and Right Acetabulum
<i>Knee</i>	Eburnation, marginal osteophytes	Right Patella
<i>Ankle</i>	Subchondral bone loss	Left tibia and fibula
<i>Foot</i>	Subchondral bone loss, surface porosity, marginal osteophytes	Right MT2, Calcaneus, 5 other tarsals, 1 st distal phalanx Left MT1, 1 st proximal and 1 st distal phalanx, Calcaneus, 5 other tarsals

SK 700: Palaeopathological Summary and Differential Diagnoses

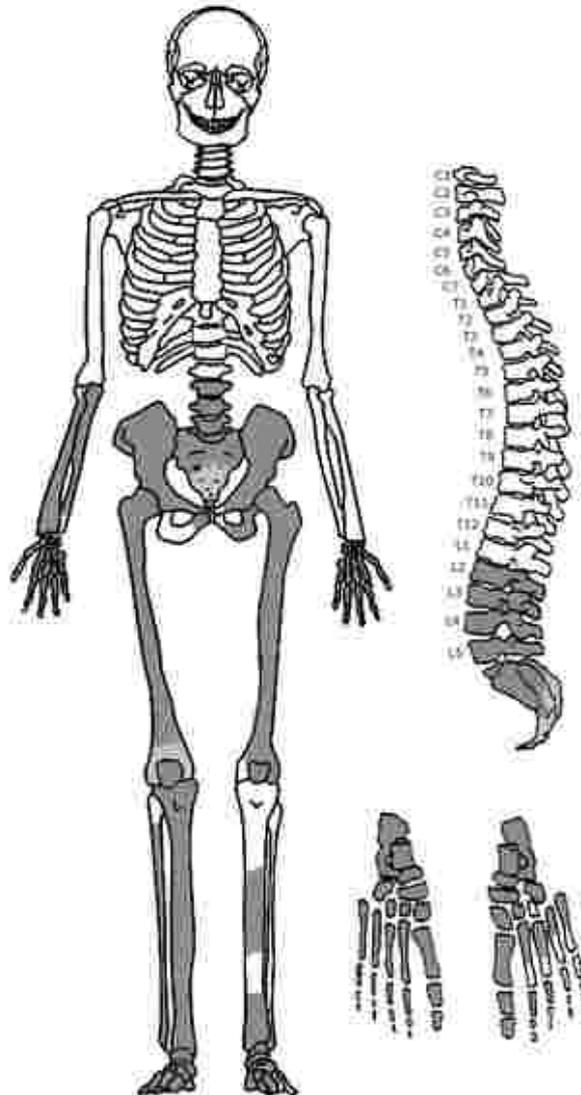
Vertebral Intervertebral osteochondrosis, Lytic lesions, Compression fractures
Joint Osteoarthritis, DJD
Infection Possible tuberculosis
Trauma Pathological fractures

SK 701**Middle Adult****Female: 152.59 ± 3.66 cm****Burial Position and Details:**

Plan No: 40

Area No: 11B

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. SK701 was found in association with finds and F76: worked quartz, F77: worked stone and F78: worked chert.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

SK 701: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 702**Middle Adult****Female: 155.37 ± 3.72 cm****Burial Position and Details:**

Plan No: 32E

Area No: 15

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing east. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended. SK702 was found in association with finds F78: quartz piece recovered from the pelvic region and F81: 2 metal balls possibly pin-heads recovered from the neck region.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	0	1	2	2	2	1	N/P	N/P	1	1	1	1	1	2	1	0
Period. Dis.	0	0	1	1	1	1	0	0	N/P							
E.Hypoplasia	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	N/P							
Abscess	0	0	0	0	0	0	0	0	N/P							
Caries	1	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0
Calculus	1	1	2	1	1	1	N/P	N/P	1	1	1	1	1	1	1	3
	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Calculus	N/P	1	1	1	1	2	1	1	1	2	2	1	1	1	1	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2	0
Attrition	N/P	2	2	1	1	2	2	3	2	1	1	1	1	1	2	N/P

Dental Disease

Caries

Tooth 18: Small sized carious lesion present at distal aspect of neck of tooth

Cranial Pathology

Metabolic

Cribriform Orbitalia (CO)

Type 3 (large and small isolated foramina) CO is exhibited in the antero-lateral, antero-intermediate, antero-medial, middle-lateral and middle-intermediate sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3,4	0	0				0	0			
C2	3	0	0	3,4				0	0			
C3	0	0	3, 4	0				3, 4	3,4			
C4	0	0	0	0				N/R	N/R			
C5	0	0	0	0				0	0			
C6	4	3,4	0	0				0	0			
C7	4	0	0	0				0	0			
T1	0	0	0	0	0	0	N/R	0	0	0	0	0
T2	0	0	0	0	0	N/R	N/R	0	0	0	0	0
T3	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T4	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T5	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T6	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T7	0	3	0	N/R	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T8	3	3	N/R	N/R	0	0	N/R	N/R	N/R	4	4	N/R
T9	0	0	N/R	N/R	0	N/R	N/R	3	3	N/R	N/R	N/R
T10	0	0	N/R	N/R	N/R			N/R	N/R	4		
T11	0	0	0	N/R	4			N/R	N/R	N/R		
T12	N/R	N/R	N/R	N/R	N/R			0	3,4	N/R		
L1	No pathological lesions are evident on the remaining vertebral fragments.											
L2												
L3	4	0	N/R	N/R				0	0			
L4	0	0	N/R	N/R				N/R	N/R			
L5	0	0	N/R	N/R				N/R	N/R			

Trauma

Compression Fractures with Secondary Scoliosis

Compression fractures are present at the vertebral bodies of T8 and T9 resulting in lateral wedging. This fracture has resulted in barely discernible secondary scoliosis to the right side at the level of T8 and T9.

Joint

SK 702 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left Mandibular condyle
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Left and right Clavicle and acromion process
<i>Ribs</i>	Surface porosity	1x Left Costal Facet 7x Right Costal Facets
<i>Hand</i>	Marginal osteophytes	Left MC1, MC3 and MC5 Right MC1 and MC5
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Right Acetabulum

SK 702: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Intervertebral Osteochondrosis, DJD; Compression fractures; Secondary Scoliosis
<i>Joint</i>	DJD, Osteoarthritis
<i>Metabolic</i>	CO

SK 704

Young Adult

Female

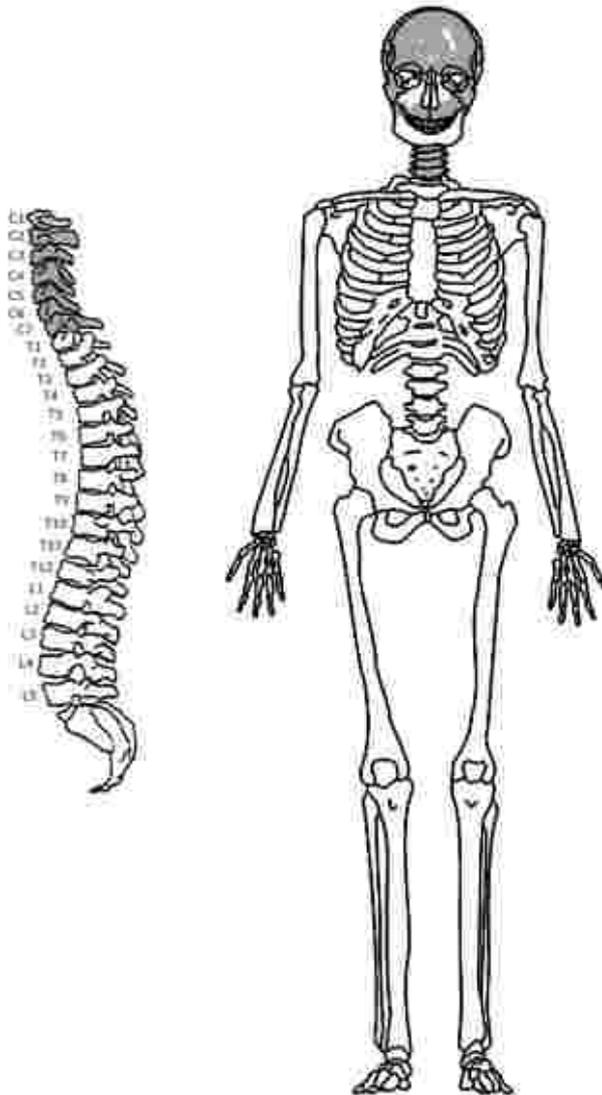
Burial Position and Details:

Plan No: 37D

Area No: 16/21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/R	1	0	0	1	1	N/R	N/R	1	N/R	0	0	2	N/R	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	N/R	0	0	0	0	0	N/R	N/R	0	N/R	0	0	0	N/R	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Caries	N/P	N/R	0	0	0	0	0	N/R	N/R	0	N/R	0	0	0	N/R	N/P	
Calculus	N/P	N/R	1	1	1	1	1	N/R	N/R	1	N/R	1	1	1	N/R	N/P	
	N/P	2	1	1	1	1	1	2	2	1	2	1	1	1	2	N/P	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28

Cranial Pathology

Metabolic

Cribrra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and antero-medial sector of the left orbital roof. Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, antero-intermediate, antero-medial and middle-lateral sector of the right orbital roof.

SK 704: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Metabolic CO

SK 705

Young Adult

Female

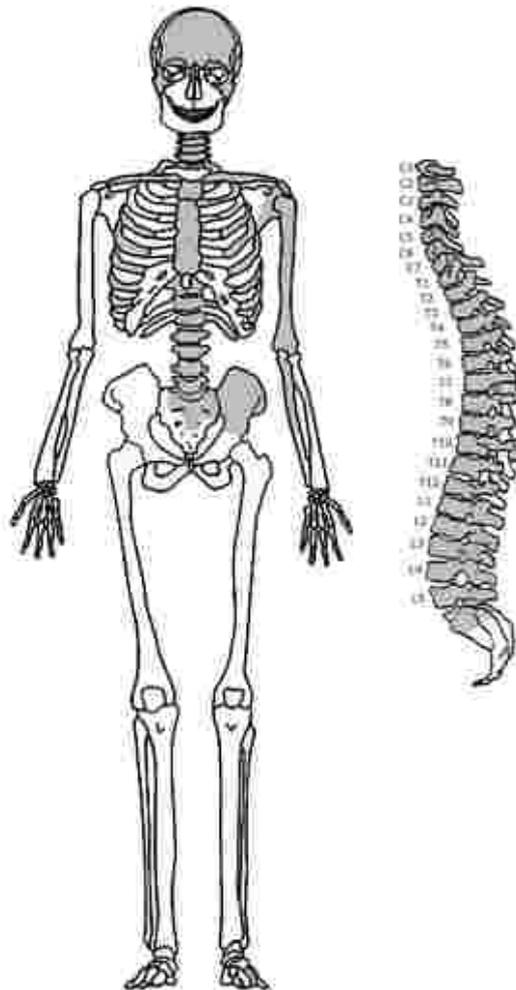
Burial Position and Details:

Plan No: 28E

Area No: 16

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The skull was positioned on the left side with the right arm extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	1	1	N/P	N/P	1	0	1	N/P	1	1	1	1	1	3	1	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	N/P	N/P	0	0	0	N/P	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	N/P	N/P	0	0	0	N/P	0	0	0	0	0	0	0	0
Calculus	1	1	N/P	N/P	1	0	1	N/P	1	1	1	1	1	1	1	1
	1	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	N/P	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	1	1	1	1	1	1	1	N/P	1	1	2	1	1

Dental Disease

Abscess

Tooth 16: A large abscess is present at the tooth site on buccal aspect of maxilla

Congenital Abnormalities of the Teeth/ Jaws

Maxillary torus present at right maxilla adjacent to Tooth 16

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	3, 4	0	0				0	0			
C7	3, 4	0	0	0				N/R	0			
T1	0	0	0	0	3, 4	0	N/R	0	0	0	0	0
T2	N/R	3	0	0	0	N/R	N/R	0	0	N/R	N/R	N/R
T3	0	3	0	0	0	0	N/R	0	0	N/R	N/R	N/R
T4	0	0	0	4	0	N/R	N/R	0	N/R	N/R	N/R	N/R
T5	3	3	4	0	0	N/R	N/R	4	0	0	0	0
T6	0	3	0	0	0	0	0	0	0	0	N/R	N/R
T7	3	3	0	0	0	0	N/R	0	0	0	0	0
T8	3	0	0	0	3	0	0	0	0	0	0	N/R
T9	0	5	0	0	0	0	0	0	0	0	0	3, 4
T10	3, 5	0	0	0	0			0	0	0		
T11	0	0	0	0	4			0	0	0		
T12	5	0	0	0	4			0	0	0		
L1	3	0	0	0				0	0			
L2	0	0	0	0				0	4			
L3	0	0	0	0				0	0			
L4	N/R	N/R	0	0				0	0			
L5	N/R	0	0	3				0	3			
L6	0	0	0	3				0	3			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T9 and T10.

*Congenital**Supernumerary Vertebra*

L6 is present.

SK 705: Palaeopathological Summary and Differential Diagnoses

Dental Dental abscess, calculus, dental attrition
Vertebral Schmorl's nodes

Congenital Supernumerary vertebra

SK 707

Middle Adult

Female: 155.62 ± 3.72 cm

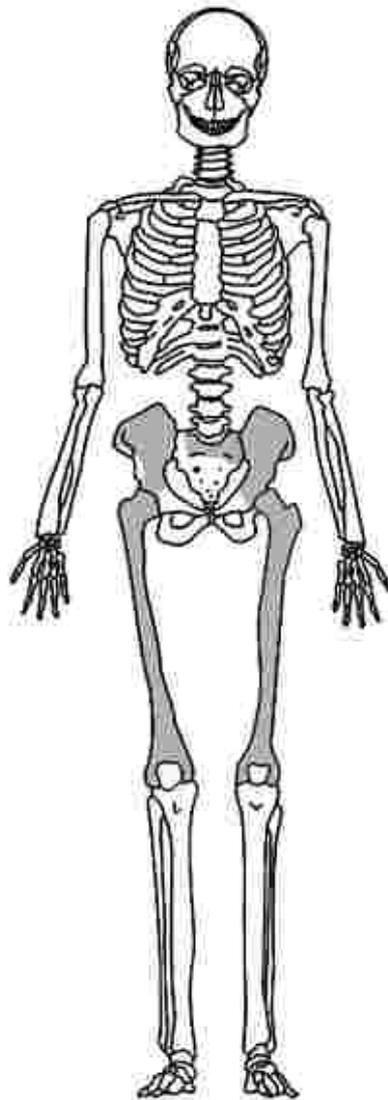
Burial Position and Details:

Plan No: Not specified

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

SK 707: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 711

Adult

Sex Not Recordable

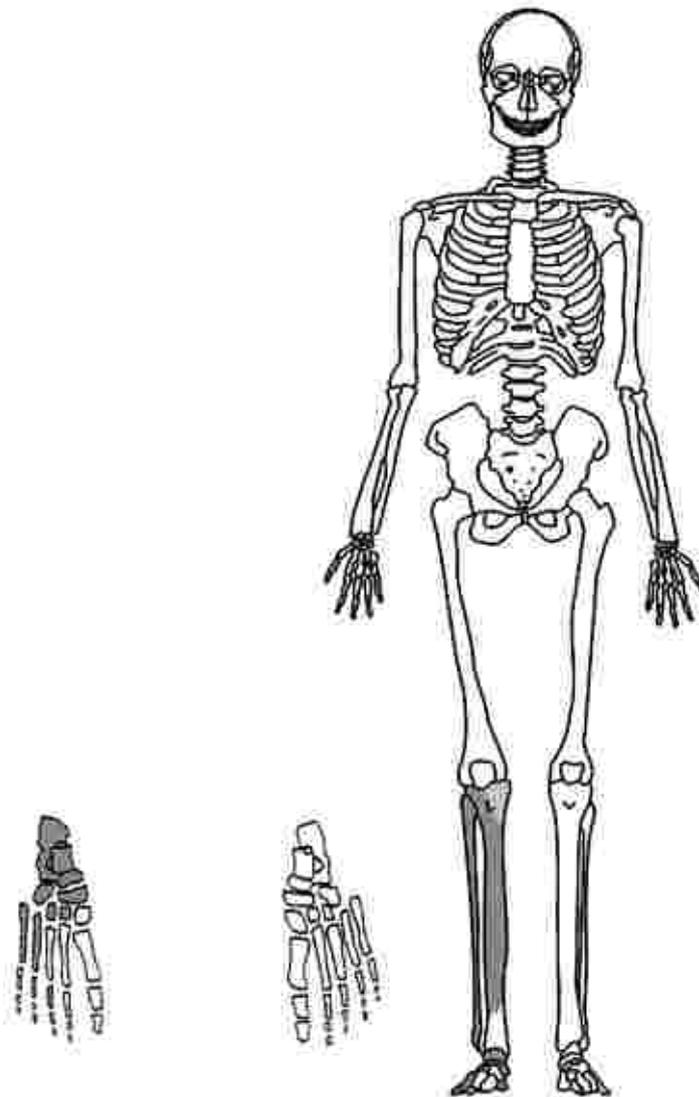
Burial Position and Details:

Plan No: Not specified

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Joint

Enthesophyte Formation

Vertical enthesophyte formation is present at the right calcaneus at the insertion point of the Achilles tendon.

Miscellaneous Pathology/ Congenital

Abnormal Bone Loss

A small lesion of abnormal bone loss is present at the distal articular surface of a right unnumbered foot phalanx. The lesion is sub-circular in shape and has a maximum width of 4.2mm medial-lateral and is 0.57mm in depth. The border of the lesion is well-defined. The etiology of this lesion is unclear but it may be as a result of a congenital cortical bone defect.

SK 711: Palaeopathological Summary and Differential Diagnoses

Joint Enthesophyte Formation
Miscellaneous Abnormal Bone Loss

SK 712

Adult

Probable Female

Burial Position and Details:

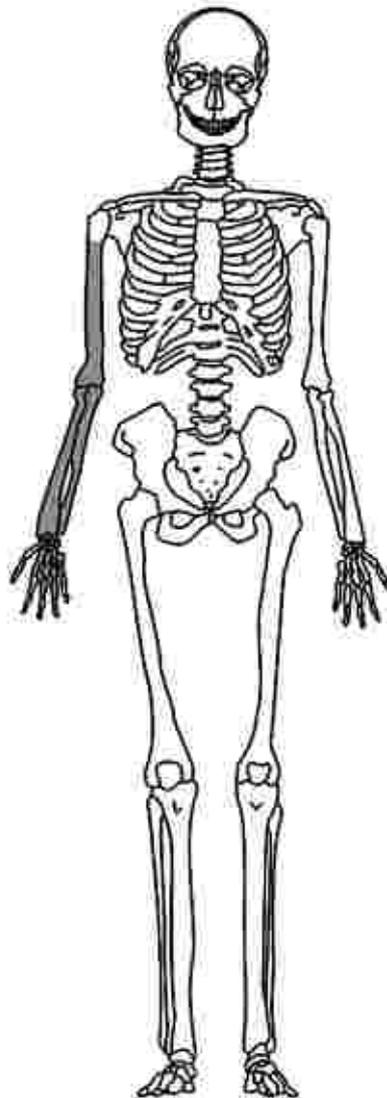
Plan No: Not specified

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Joint

SK 712 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Surface porosity	Right Humeral Head
<i>Elbow</i>	Marginal osteophytes, surface porosity	Right distal humerus and proximal ulna
<i>Hand</i>	Marginal osteophytes, surface porosity	Right MCs and phalanges

SK 712: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 715

Middle Adult

Indeterminate Sex

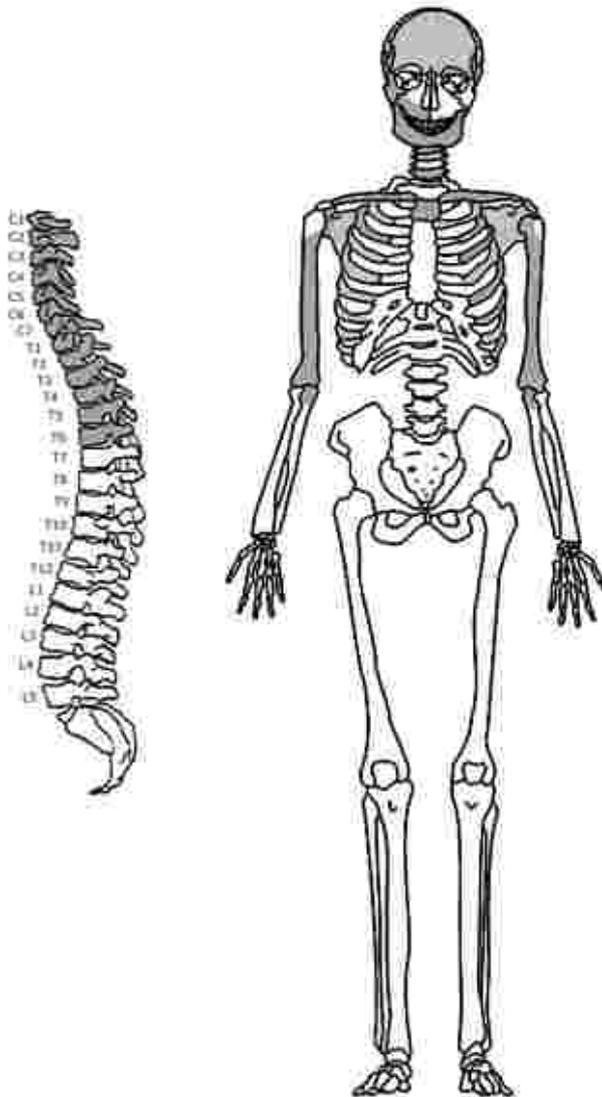
Burial Position and Details:

Plan No: 30F

Area No: 16

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The arms were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	3	3	3	1	1	3	N/P	1	N/P	N/P	N/P	1	N/P	2	N/P
Period. Dis.	0	0	0	0	0	0	0	0	N/R	0	0	N/P	N/P	N/P	N/R	N/P
E.Hypoplasia	N/P	1	0	0	0	0	0	N/P	0	N/P	N/P	N/P	N/P	N/P	1	N/P
Cyst	0	0	0	0	0	0	0	0	N/R	0	0	N/P	N/P	N/P	N/R	N/P
Abscess	0	0	0	0	0	0	0	0	N/R	0	0	N/P	N/P	N/P	N/R	N/P
Caries	N/P	0	0	0	0	0	0	N/P	0	0	0	N/P	0	N/P	0	N/P
Calculus	N/P	1	1	1	1	1	1	N/P	1	N/P	N/P	N/P	0	N/P	1	N/P
	2	1	1	1	1	1	1	2	1	N/P	N/P	4	1	N/P	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
Calculus	1	2	2	2	2	N/P	1	1	1	1	1	1	2	2	2	2
Caries	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	2	3	1	0	N/P	2	2	2	2	2	1	1	3	3	1

Dental Disease

Antemortem Tooth Loss

SK715 exhibits antemortem tooth loss of a maxillary premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Enamel Hypoplasia

Tooth 17: 1 hypoplastic groove present; 2.63mm from the cemento-enamel junction

Tooth 27: 1 hypoplastic groove present; 2.74mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern indicates this lesion was healed at the time of death.

SK 715: Palaeopathological Summary and Differential Diagnoses

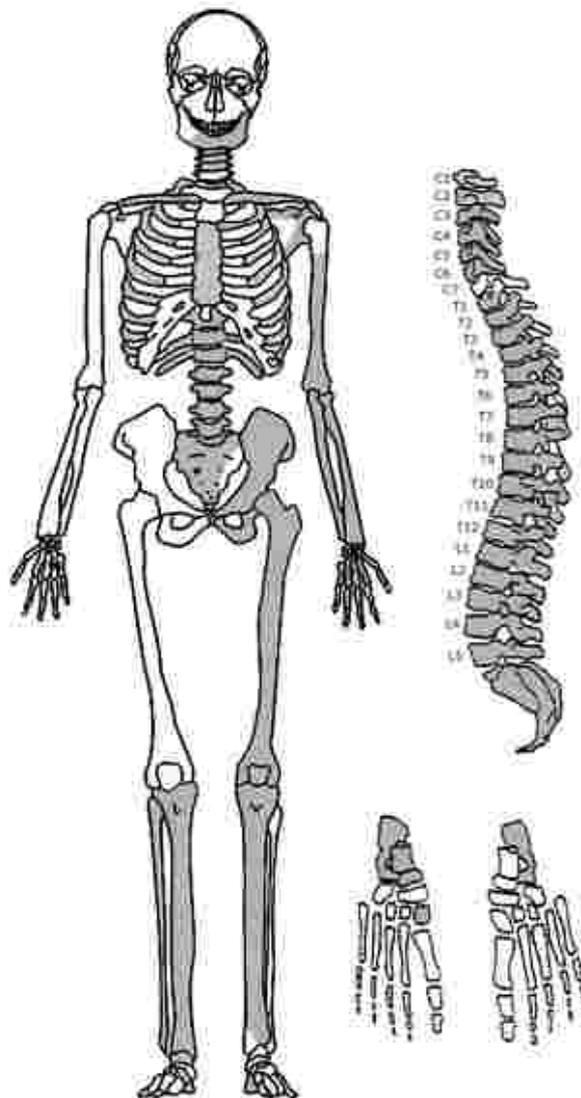
Dental Antemortem tooth loss, enamel hypoplasia, calculus, dental attrition
Metabolic Porotic Hyperostosis

SK 716**Young Adult****Male: 164.94 ± 3.27 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. The left leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	2	2	2	2	2	2	1	1	2	1	1	1	1
Calculus	N/P	1	0	N/P	N/P	N/P	N/P	N/P	N/P	1	0	N/P	1	1	1	1
Caries	N/P	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	N/P	0	0	0	0
Abscess	N/P	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/P	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	N/P	0	0	0	0
Period. Dis.	N/P	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/P	2	2	N/P	N/P	N/P	N/P	N/P	N/P	2	2	N/P	2	2	2	2

Post Cranial Pathology

Trauma

Fracture

A fracture is present at the body of an unnumbered lower left rib. The fracture line is still evident. Healing in the form of woven callus bone formation is also observable.

SK 716: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

Trauma Fracture

SK 719

Middle Adult

Male: 157.56 ± 3.27 cm

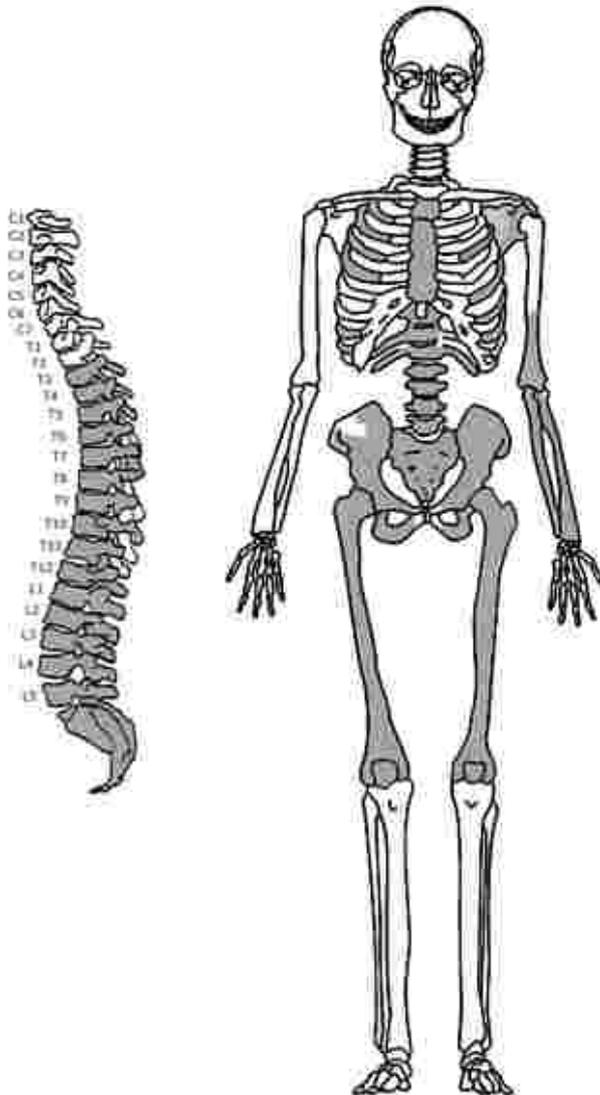
Burial Position and Details:

Plan No: 30E

Area No: 16

W-E orientation; simple, extended burial on right side of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T4	3	3 + 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	N/R	4	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T6	0	3 + 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	3	3 + 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	3 + 4	3 + 4	0	0	0	0	N/R	0	0	0	0	N/R
T9	3 + 4	3 + 4	0	N/R	0	0	N/R	0	N/R	0	0	0
T10	3	0	0	0	0		0	0	0			
T11	0	3	0	0	0		0	0	0			
T12	3	3	0	0	0		0	0	0			
L1	3	0	0	0			0	0				
L2	3	3	0	0			0	0				
L3	3	0	0	0			0	0				
L4	0	0	0	0			0	0				
L5	0	0	0	0			0	0				

Joint

SK 719 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

Joint	Lesion Type(s)	Affected Skeletal Element(s)
Wrist	Possible subchondral cyst	Left distal radius

SK 719: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochondrosis
 Joint Possible subchondral cyst

SK 720

Adult

Probable Female

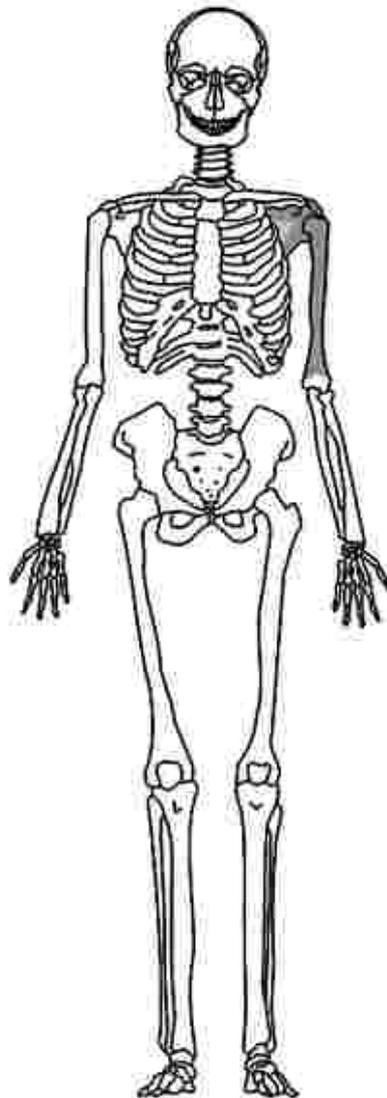
Burial Position and Details:

Plan No: 28E

Area No: 12

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 720: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 722

Middle Adult

Female: 152.63 cm

Burial Position and Details:

Plan No: 37A

Area No: 21

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the right hand positioned over the right femur. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	2	N/P													
Calculus	3	N/P														
Caries	0	N/P														
Abscess	0	0	N/P													
Cyst	0	0	N/P													
E.Hypoplasia	0	N/P														
Period. Dis.	3	0	N/P													
Attrition	3	N/P														

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	3	0	0	0				0	0			
C3	N/R	N/R	N/R	N/R				0	0			
C4	N/R	N/R	N/R	N/R				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				N/R	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T2	0	0	0	0	N/R	N/R	0	0	0	0	0	0
T3	N/R	N/R	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	0	0	N/R	N/R	0	N/R	N/R	0	N/R	0	0	N/R
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	N/R	N/R	0	4	N/R	N/R	N/R	N/R	0	N/R
T8	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	0	0	0	0	0	0	0	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	4	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	5	N/R	0				0	0			
L2	0	0	0	0				0	N/R			
L3	3	4	N/R	0				0	0			
L4	3	3, 4	3	0				0	0			
L5	3	3, 4	3	0				0	0			

SK 722: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition
Vertebral Intervertebral osteochondrosis

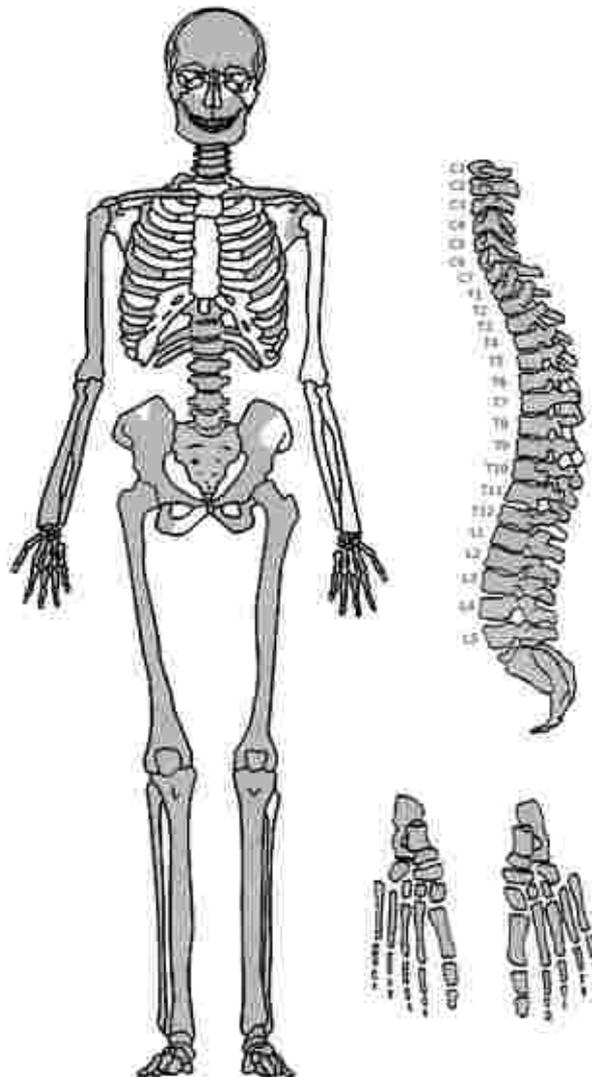
SK 723**Middle Adult****Male: 166.64 cm****Burial Position and Details:**

Plan No: 35C

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis with the right hand over the right pelvis and the left hand positioned by the side of the left pelvis. Both legs were extended with the feet crossing.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	2	2	1	0	N/P	N/P	2	2	0	2	2	2	2	0	
Period. Dis.	0	1	1	0	0	0	0	0	0	0	0	0	N/R	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	1	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0	
Calculus	N/P	1	1	1	1	1	N/P	N/P	1	1	1	1	0	1	1	1	
		2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	2	0	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	N/R	N/R	0	2	2	N/P
Attrition	N/P	3	2	1	1	1	2	2	2	2	1	0	1	2	3	N/P	

*Dental Disease**Caries, Abscess*

Tooth 17: Medium sized carious lesion at distal aspect of tooth; associated abscess/ cyst at apex of tooth root with circumferential sclerotic and woven bone

Tooth 18: Medium-sized abscess present at tooth site

Tooth 36: Medium sized carious lesion present at medial aspect of tooth crown; this lesion has eroded approx 30% of the tooth crown

Congenital Abnormalities of the Teeth/ Jaws

Tooth 38 and 48 are missing congenitally.

Cranial Pathology*Metabolic**Cribra Orbitalia (CO)*

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and middle-lateral sector of the left orbital roof. A combination of type 1 and type 2 (scattered

fine foramina) CO is exhibited in the antero-lateral and antero-intermediate sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	0				0	0			
C2	3, 4	0	0	0				0	0			
C3	0	4	0	0				4	0			
C4	4	4	0	0				4	0			
C5	0	3, 4	N/R	N/R				0	0			
C6	3, 4	3, 4	N/R	N/R				N/R	N/R			
C7	3, 4	0	N/R	N/R				N/R	N/R			
T1	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	4	N/R	N/R
T2	N/R	N/R	0	N/R	N/R	0	N/R	0	N/R	0	0	N/R
T3	0	0	0	N/R	0	4	N/R	0	N/R	0	0	N/R
T4	0	0	N/R	N/R	0	N/R	N/R	0	N/R	0	0	N/R
T5	0	0	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T6	0	3	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T7	0	3	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R
T8	3	5	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T9	3	5	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T10	3, 4, 5	0	0	N/R	0			0	4	N/R		
T11	0	0	0	0	0			0	0	3		
T12	3, 5	0	0	0	3, 4			0	0	0		
L1	5	0	0	0				0	0			
L2	5	3	0	0				0	0			
L3	3, 4	0	0	0				3	0			
L4	0	3, 4	0	N/R				3	N/R			
L5	0	0	3, 4	0				3	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T12, L1 and L2.

Schmorl's nodes of moderate expression are present at the vertebral bodies of T9 and T10.

*Infection**Reactive Bone Formation*

SK 723 exhibits a periosteal reactive lesion at the right maxilla. Reactive bone deposits in the form of sclerotic bone are present at the lateral aspect of the maxilla. Sclerosis of this lesion indicates healing took place before the time of death.

Joint

SK 723 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left Temporal
<i>Glenohumeral</i>	Marginal osteophytes	Right glenoid fossa
<i>Ribs</i>	Surface porosity	Right 11 th rib head
<i>Wrist</i>	Surface porosity	Right distal ulna
<i>Hip</i>	Periarticular resorptive foci, surface porosity	Left and right Acetabulum

SK 723: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, dental abscess, periodontal disease, calculus, dental attrition, absent 3 rd molars
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Infection</i>	Non-specific: Reactive bone deposits

SK 724

Young Adult

Indeterminate Sex

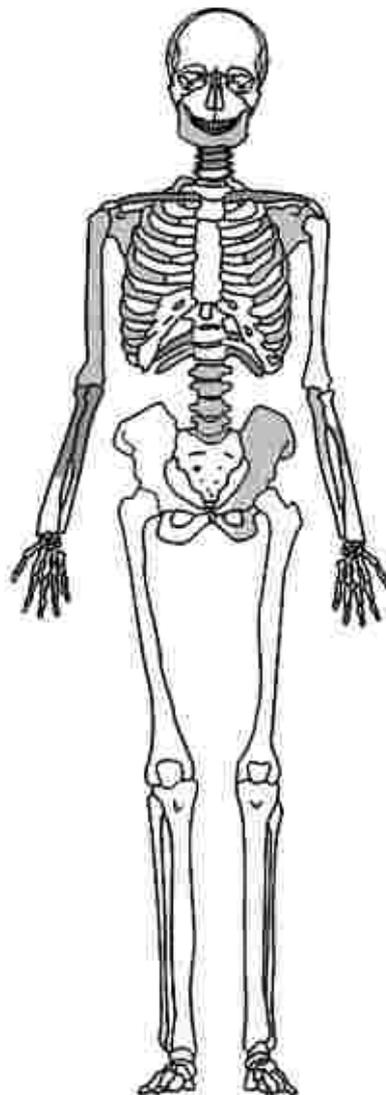
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	0	N/P	N/P	N/P	0										
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	N/P	N/P	N/P	0										
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	N/P	N/P	N/P	0										
Calculus	N/P	1	N/P	N/P	N/P	0										
	N/P	1	N/P	N/P	N/P	1										
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	1	6	1	2	2	2	2	1	1	1	1	N/P
Calculus	N/P	1	1	2	2	0	0	N/P	N/P	N/P	N/P	1	1	1	1	N/P
Caries	N/P	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P
Abscess	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P
Period. Dis.	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/P	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Overcrowding of the mandibular teeth has resulted in slight medial deviation of Tooth 42.

Tooth 43 is present in the alveolar bone but has remained unerupted.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 724 exhibits bilateral periosteal reactive lesions of the upper long-bones. Reactive bone deposits in the form of woven bone are present at the distal shaft of the right humerus, and the proximal shaft of left and right ulna and radii.

SK 724: Palaeopathological Summary and Differential Diagnoses

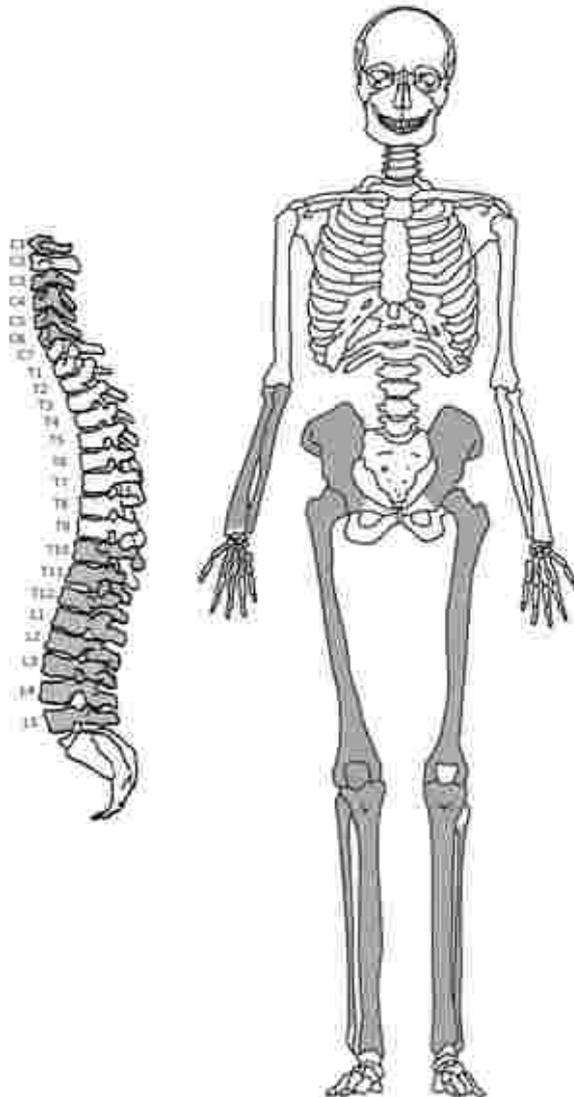
Dental Calculus, dental attrition, overcrowding with delayed eruption
Infection Non-specific: Reactive bone deposits

SK 727**Young Adult****Indeterminate Sex****Burial Position and Details:**

Plan No: Not specified

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation. The lower right arm was extended by the side of the body with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	1	1	2	1	1	1	1	N/P								
Period. Dis.	0	0	0	0	0	0	0	N/P								
E.Hypoplasia	0	0	0	0	0	0	0	N/P								
Cyst	0	0	0	0	0	0	0	N/P								
Abscess	0	0	0	0	0	0	0	N/P								
Caries	0	0	0	0	0	0	0	N/P								
Calculus	1	1	2	1	1	1	1	N/P								
	1	1	1	1	1	1	1	2	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	2	1	1	2	2	3	2	2	N/P	3	2	2	2	1	1	1
Caries	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Attrition	1	2	2	1	1	1	1	2	N/P	2	2	1	1	2	1	1

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern indicates this lesion was healed at the time of death.

Congenital

Block Vertebrae

SK 727 exhibits congenital fusion of the spinous processes of C7 and T1.

SK 727: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Congenital Block vertebrae

SK 728B

Adult

Probable Male

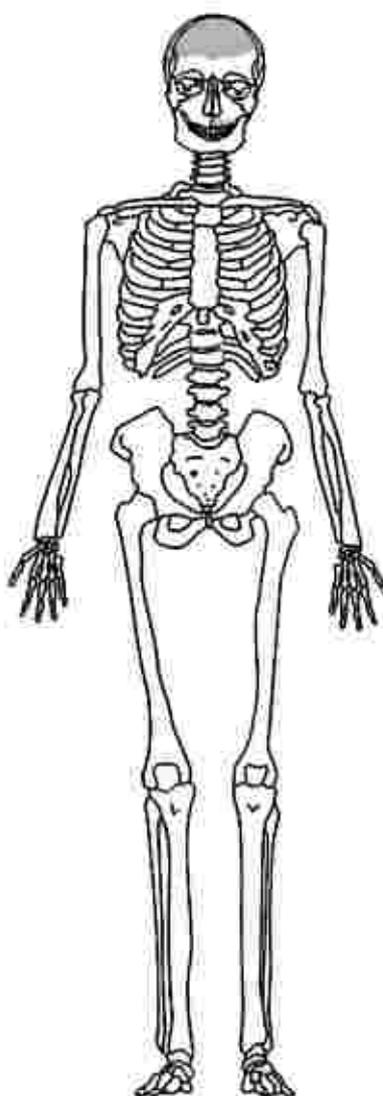
Burial Position and Details:

Plan No: Not specified

Area No: 20

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/R														
Period. Dis.	N/P	N/R														
E.Hypoplasia	N/P	N/R														
Cyst	N/P	N/R	0	0	0	N/R	N/R	N/R	N/R							
Abscess	N/P	N/R	0	0	0	N/R	N/R	N/R	N/R							
Caries	N/P	N/R														
Calculus	N/P	N/R														
	N/P	N/R	2	2	4	4	4	4	N/R							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Dental Disease

Antemortem Tooth Loss

SK 728B exhibits antemortem tooth loss of 3 maxillary molars and a maxillary premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites with the exception of Tooth 24 where only partial resorption of the tooth socket has occurred.

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 2 (porosity only) PH is exhibited across the cranial vault at the frontal, adjacent to the sutures of the parietals and the occipital bone. The activity pattern is mixed but appears to be healed at the time of death.

SK 728B: Palaeopathological Summary and Differential Diagnoses

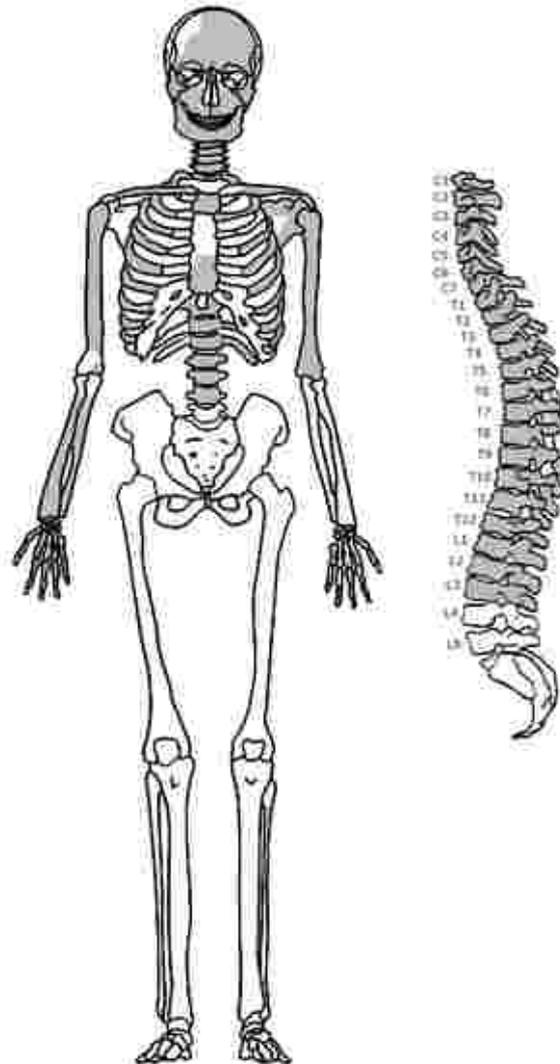
Dental Antemortem tooth loss
Metabolic Non-specific stress indicator at cranial vault: Possible PH

SK 729**Young Adult****Probable Female****Burial Position and Details:**

Plan No: 25

Area No: 4

NW-SE orientation; simple, extended supine burial of poor completeness and good preservation. The skull was positioned on the left side. The right arm was flexed at the elbow upwards with the right hand positioned over the facial region. The left arm was extended.

Visual Inventory**Preservation**

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	1	1	0	0	1	1	N/P	N/P	0	1	0	0	1	1	0	
Period. Dis.	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	
Calculus	N/P	1	1	1	1	1	1	N/P	N/P	1	1	1	1	1	1	1	
		2	1	1	1	1	1	2		2	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	2	4	4	1	1	1	1	1	1	1
Calculus		1	1	1	1	1	1	N/P	N/P	N/P	1	1	1	1	1	1	1
Caries		0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0	0
Abscess		0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0	0
Period. Dis.		0	0	0	0	0	0	N/R	3	3	0	0	0	0	0	0	0
Attrition		0	1	1	0	0	1	N/P	N/P	N/P	1	1	0	0	1	1	0

Dental Disease

Antemortem Tooth Loss

SK 729 exhibits antemortem tooth loss of the mandibular central incisors secondary to a large abscess at the apex of the tooth roots. There is no observable secondary resorption of the alveolar process at the affected tooth sites due to the abscess.

Abscess

Tooth 31 and 41: Large abscess present at the apex of the tooth roots resulting in secondary antemortem tooth loss of Tooth 31 and 41.

Cranial Pathology

*Metabolic**Porotic Hyperostosis*

Degree 4 (porosity with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is unobservable due to extensive post-mortem erosion of the cranial vault.

*Infection**Possible Bone Cyst*

A lesion of diffuse abnormal bone loss is present at the antero-lateral sector of the left orbital roof. The lesion is circular in shape and measures 8.09mm anterior-posterior and 6.9mm medial-lateral. The lesion's boundary exhibits healing in the form of sclerotic bone. The etiology of this lesion is unclear but may be as a result of a bone cyst or underlying infection.

SK 729: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, dental abscess, calculus, dental attrition
Metabolic Porotic Hyperostosis
Infection Non-specific: abnormal bone loss, possibly bone cyst

SK 732A

Young Adult Female

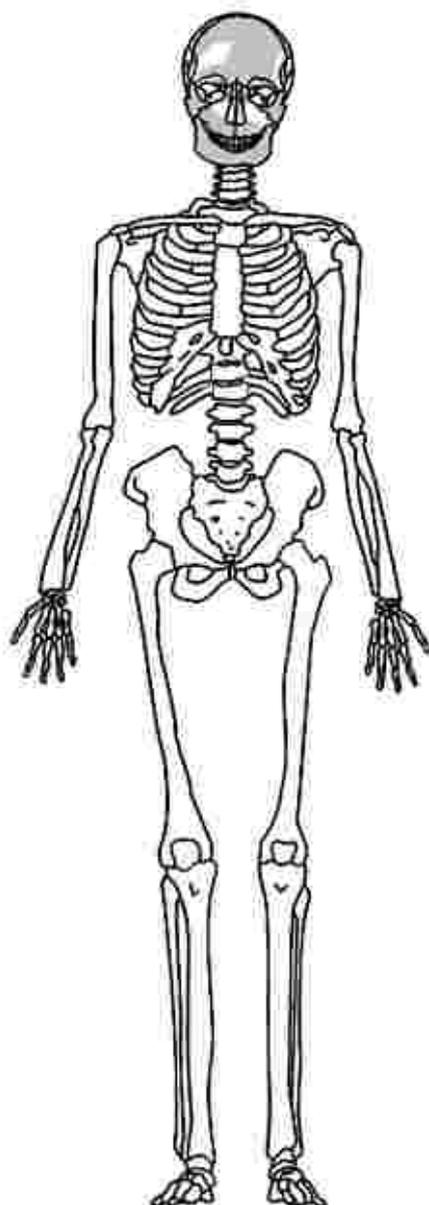
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	
Period. Dis.	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	
E.Hypoplasia	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	
Caries	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	
Calculus	N/R	2	2	2	2	1	1	0	0	1	1	1	1	N/P	1	0	
		6	1	1	1	1	1	1	1	1	1	1	1	N/P	2	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
Calculus	N/R	2	2	0	2	1	2	1	1	1	2	1	1	1	2	N/R	
Caries	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	
E.Hypoplasia	N/R	0	0	0	0	0	0	1	1	0	0	0	0	0	0	N/R	
Period. Dis.	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	
Attrition	N/R	0	1	0	1	1	0	1	1	1	1	0	0	1	0	N/R	

Dental Disease

Enamel Hypoplasia

Tooth 31: 1 hypoplastic groove; 5.08mm from the cemento-enamel junction

Tooth 41: 1 hypoplastic groove; 4.84mm from the cemento-enamel junction

SK 732A: Palaeopathological Summary and Differential Diagnoses

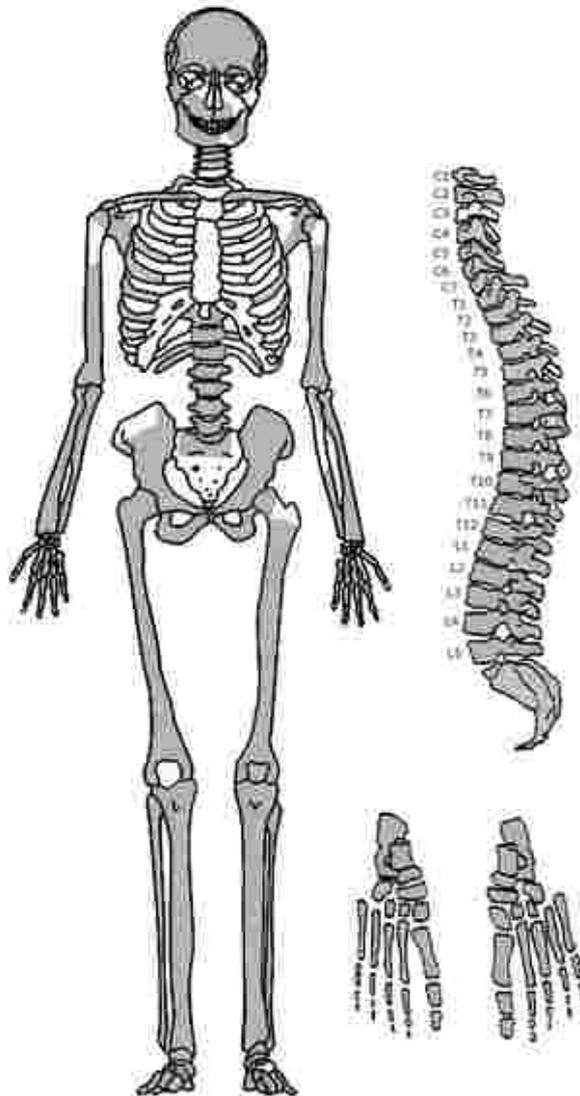
Dental Enamel hypoplasia, calculus, dental attrition

SK 733**Old Adult****Female: 158.65 cm****Burial Position and Details:**

Plan No: Not specified

Area No: 20

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The right flexed at the elbow crossing the pelvis with the left arm extended. Both legs were extended with the feet crossing.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 3

Dentition

Attrition	N/P	3	2	2	2	0	3	N/P	N/P	N/P	N/R	N/P	2	N/P	2	N/P	
Period. Dis.	0	0	0	0	0	0	0		N/P	N/P	0	0	N/R	N/P	N/R	N/P	
E.Hypoplasia	N/P	0	0	0	0	0	0	N/R	N/P	N/P	N/P	N/R	N/P	0	N/P	0	N/P
Cyst	0	0	0	0	0	0	0		N/P	N/P	0	0	N/R	N/P	N/R	N/P	
Abscess	0	0	0	0	0	0	0		N/P	N/P	0	0	N/R	N/P	N/R	N/P	
Caries	N/P	0	0	0	0	0	0	N/R	N/P	N/P	N/P	N/R	N/P	0	N/P	0	N/P
Calculus	N/P	1	1	1	1	1	1	N/R	N/P	N/P	N/P	N/R	N/P	1	N/P	1	N/P
	2	1	1	1	1	7	5	2	N/P	N/P	6	2	1	N/P	1	N/P	
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	2	2	2	1	1	1	1	5	1	2	1	1	1	4	1	1	
Calculus	N/P	N/P	N/P	1	1	1	1	N/R	1	N/P	2	0	N/R	N/P	0	1	
Caries	N/P	N/P	N/P	0	0	0	0	N/R	0	N/P	0	0	N/R	N/P	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	N/P	N/P	0	0	0	0	N/R	0	N/P	0	0	N/R	N/P	0	0	
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	N/R	0	0	0	
Attrition	N/P	N/P	N/P	2	2	2	3	3	3	N/P	2	3	3	N/P	3	0	

Dental Disease

Antemortem Tooth Loss

SK 733 exhibits antemortem tooth loss of a mandibular first molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Congenital Abnormalities of the Teeth: Delayed/ non-Eruption of Canines

SK733 exhibits delayed/ non-eruption of the maxillary canines. Tooth 13 exhibits only partial eruption of tooth so that approx 50% of crown has erupted. Tooth 23 has remained unerupted from the alveolar bone.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 733 exhibits extensive bilateral periosteal reactive lesions of lower long-bones. Reactive bone deposits in the form of both woven and sclerotic bone are present along the length of the anterior-lateral right tibial shaft and the anterior left tibial shaft. An extensive mixed reaction of both woven and sclerotic bone is also observable along the medial aspect of the left and right fibular shafts.

Trauma

Ossified Haematoma

An oval lesion composed of both woven and sclerotic bone is present on the anterior mid-shaft of the right tibia. The lesion measures 14.47mm proximal-distal and 6.05mm medial-lateral. This lesion may be as a result of an ossified haematoma in life.

Metabolic

Osteoporosis

SK 733 exhibits a pattern of fractures consistent with a differential diagnosis of osteoporosis, specifically 2 vertebral compression fractures and a healed Colles fracture of the left radius. Compression fractures are also present at the right side of the vertebral bodies of L1 and L2 resulting in slight lateral wedging of the affected bodies. There is no associated kyphosis of the spine as the anterior portions of the fractured vertebral bodies are largely intact.

A healed Colles fracture is present at the distal shaft of the left radius. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. There is no apparent malunion. This fracture has resulted, however, in secondary traumatic arthritis at the left wrist in the form of marginal osteophytes and surface porosity at the distal articular surface of the affected radius.

Joint

SK 733 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity	1x Right Costal Facet
<i>Wrist</i>	Marginal osteophytes, Surface porosity	Left distal ulna and radius
<i>Foot</i>	Eburnation, surface porosity, marginal osteophytes	Left and Right Calcaneus and Talus

*Congenital**Block vertebrae*

SK 733 exhibits congenital fusion of 2 unnumbered cervical vertebrae at the vertebral bodies and the right apophyseal facets (the left apophyseal facets are not recordable).

SK 733: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, calculus, dental attrition, delayed/ non-eruption of canines
<i>Vertebral</i>	Compression fractures
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	Osteoporosis
<i>Infection</i>	Non-specific: Reactive bone deposits
<i>Trauma</i>	Ossified Haematoma, Pathological fractures; vertebral compression fractures, Colles fracture
<i>Congenital</i>	Block vertebrae

SK 734

Adult

Sex Not Recordable

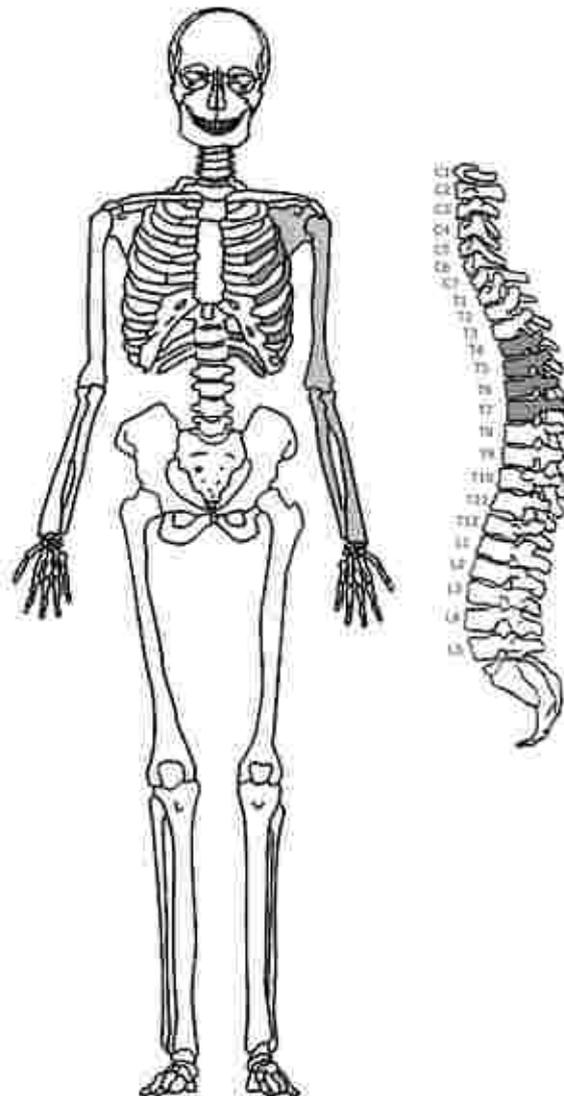
Burial Position and Details:

Plan No: 25

Area No: 4

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 734: Palaeopathological Summary and Differential Diagnoses

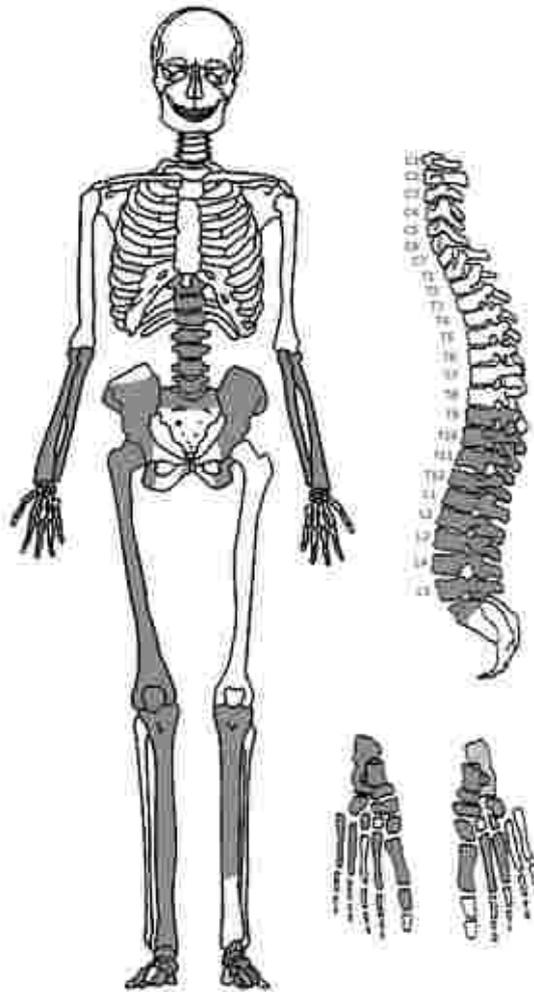
No pathological lesions were observed on the skeletal elements present for analysis.

SK 736**Middle Adult****Male: 167.42cm****Burial Position and Details:**

Plan No: 30B

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1												
T2												
T3												
T4												
T5	One unnumbered thoracic vertebra present; no pathological lesions are evident on this vertebra.											
T6												
T7												
T8												
T9												
T10	N/R	0	0	4	4		0	4	4			
T11	5	5	0	0	0		0	0	4			
T12	5	0	0	0	4		0	0	N/R			
L1	5	3	N/R	0			0	0				
L2	5, 3	3	0	0			0	0				
L3	3	0	0	4			3, 4	0				
L4	0	3, 4	0	3			3	3				
L5	3	3, 4	3	0			3	0				

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11, T12 and L2. A Schmorl's node of moderate expression is present at the vertebral body of L1.

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of L4 and L5.

SK 736: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis

SK 737

Adult

Sex Not Recordable

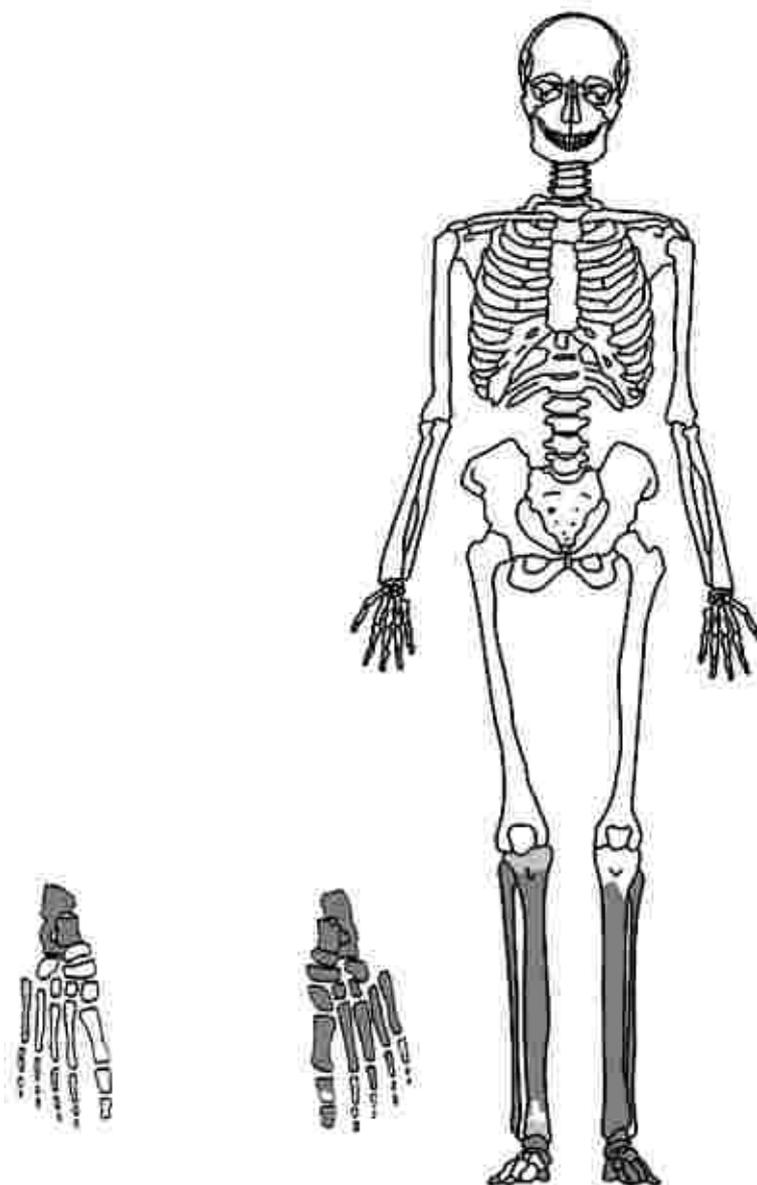
Burial Position and Details:

Plan No: 35A

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 737: Palaeopathological Summary and Differential Diagnoses

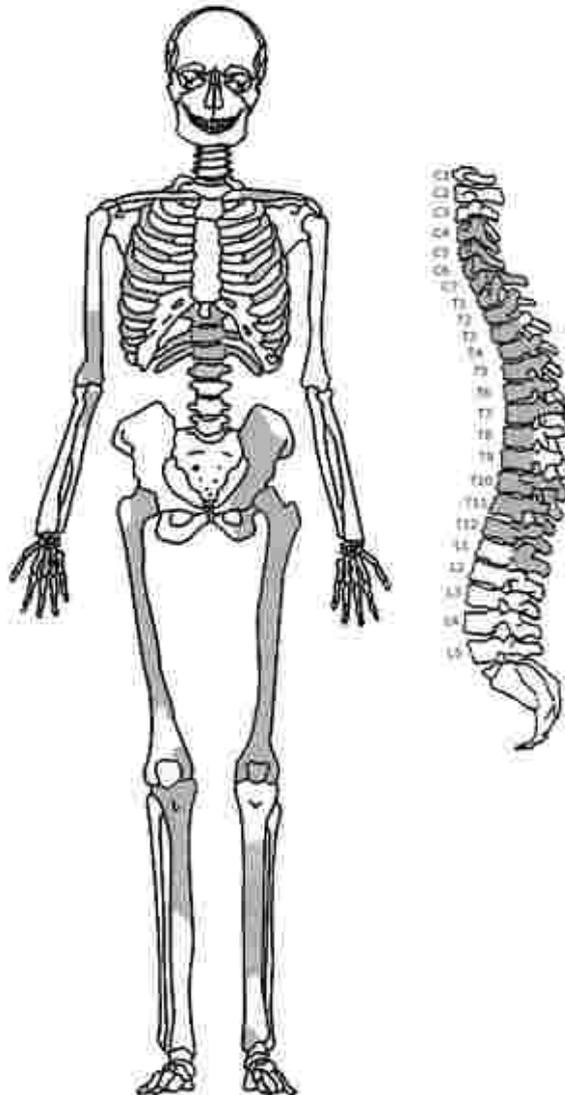
No pathological lesions were observed on the skeletal elements present for analysis.

SK 741**Middle Adult****Indeterminate Sex****Burial Position and Details:**

Plan No: 37

Area No: 21

E-W orientation; simple, extended supine burial of moderate completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Joint

SK 741 exhibits pathological lesions indicative of osteoarthritis and/ or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	4x Left Costal Facets 3x Right Costal Facets
<i>Hand</i>	Marginal osteophytes, eburnation	1 Right rib head Right MC1
<i>Hip</i>	Marginal osteophytes, surface porosity	Left Acetabulum Left and Right Femoral Head

SK 741: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis, DJD

SK 742A

Young Adult

Male: 163.04cm

Burial Position and Details:

Plan No: 37E

Area No: 21

Orientation not specified: simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures and bosses of the parietals. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T9	N/R	0	0	2, 3, 4	0	0	0	0	0	0	0	0
T10	N/R	0	2, 3, 4	0	N/R			0	0	0		
T11	N/R	0	0	N/R	N/R			0	0	4		
T12	3	0	0	3, 4	0			0	0	3, 4		
L1	0	0	0	0				0	0			
L2	0	0	N/R	N/R				0	0			
L3	0	0	0	N/R				0	N/R			
L4	N/P	N/P	N/P	N/P				N/P	N/P			
L5	0	0	0	N/R				N/R	N/R			

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right inferior apophyseal facet of T9 and the right superior facet of T10 in the form of eburnation, surface porosity and marginal osteophytes.

SK 742A: Palaeopathological Summary and Differential Diagnoses

Vertebral Osteoarthritis, DJD

Metabolic Non-specific Stress Indicator at cranial vault: Possible Porotic Hyperostosis

SK 742B

Adult

Sex Not Recordable

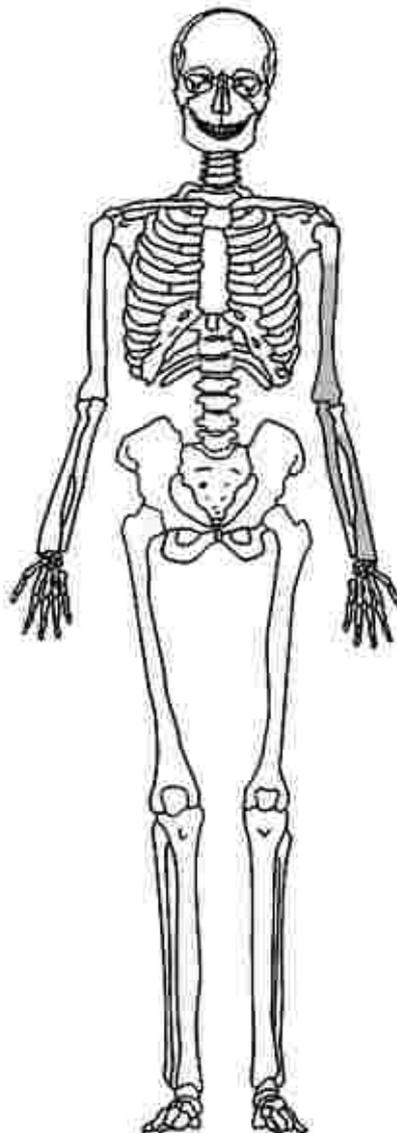
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology*Joint*

SK 742B exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Elbow</i>	Surface porosity, marginal osteophytes	Left proximal ulna
<i>Wrist</i>	Marginal osteophytes	Left distal radius

SK 742B: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 742C

Adult

Sex Not Recordable

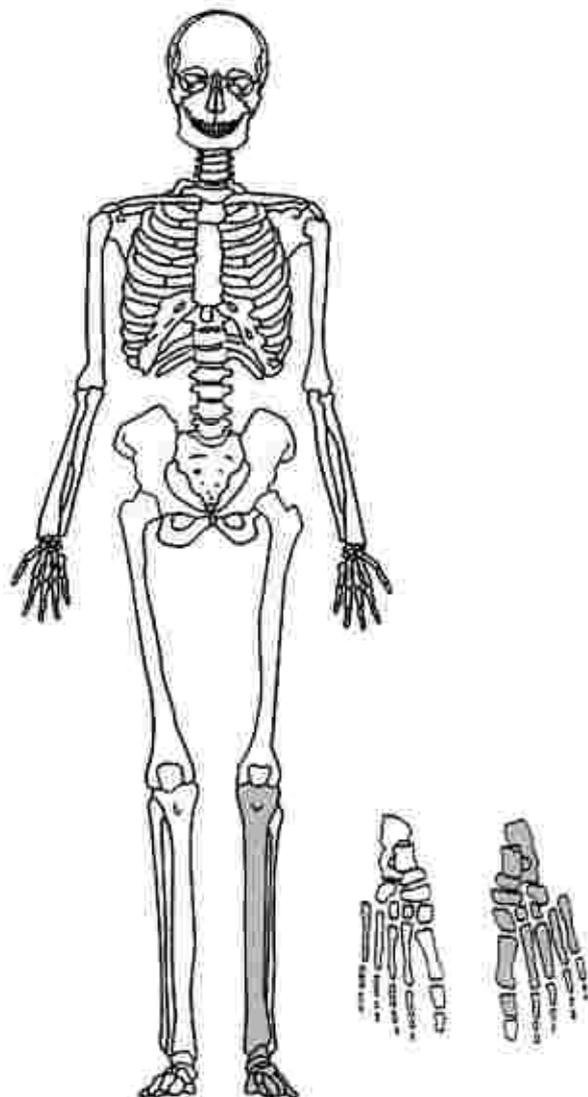
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 742C: Palaeopathological Summary and Differential Diagnoses

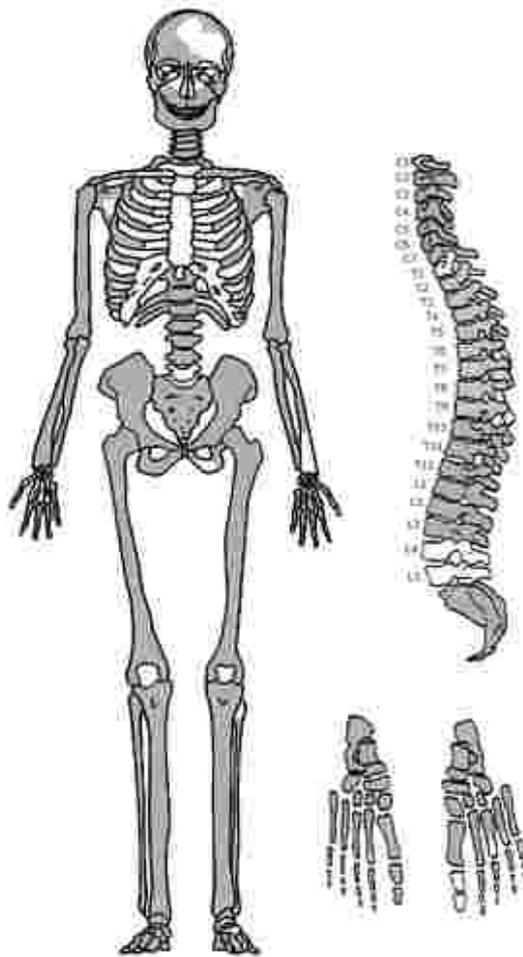
No pathological lesions were observed on the skeletal elements present for analysis.

SK 743**Middle Adult****Female: 155.82 cm****Burial Position and Details:**

Plan No: 30F

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	3	3	3	3	2	2	N/P	N/P	N/P	2	N/P	N/P	N/R	N/P	N/P
Period. Dis.	0	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	N/P	N/P	N/P	0	N/P	N/P	0	N/P	N/P
Cyst	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	3	2	2	2	2	0	N/P	N/P	N/P	0	N/P	N/P	3	N/P	N/P
Calculus	N/P	1	1	1	1	1	1	N/P	N/P	N/P	1	N/P	N/P	0	N/P	N/P
	2	1	1	1	1	1	1	2	2	2	1	2	2	1	2	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	2	1	1	1	1	1	2	2	1	2	2	2	4	4	2
Calculus	1	N/P	2	2	2	2	2	2	N/R	2	N/R	N/R	N/R	N/R	N/R	N/R
Caries	2	N/P	0	0	0	0	0	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
Abscess	N/R	0	0	0	0	0	0	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
Cyst	N/R	0	0	0	0	0	0	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
E.Hypoplasia	0	N/P	0	0	0	0	0	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
Period. Dis.	N/R	2	0	0	0	0	2	0	N/R	2	N/R	N/R	N/R	N/R	N/R	N/R
Attrition	2	N/P	2	2	2	2	2	2	N/R	2	N/R	N/R	N/R	N/R	N/R	N/R

Dental Disease

Antemortem Tooth Loss

SK 743 exhibits antemortem tooth loss of 2 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth site of Tooth 37 whilst only partial resorption has occurred of tooth socket of Tooth 36.

Caries, Abscess, Cyst

Tooth 13: Medium sized carious lesion exhibited at medial aspect of tooth crown; approximately <25% of crown had been eroded by this lesion

Tooth 14: Medium sized carious lesion exhibited at crown; approximately 50-75% of crown had been eroded by this lesion; associated abscess at apex of root on buccal aspect of maxilla

Tooth 15: Medium sized carious lesion exhibited at medial aspect of tooth crown; approximately <25% of crown had been eroded by this lesion; associated abscess at apex of root on buccal aspect of maxilla

Tooth 16: Large carious lesion exhibited; >75% of tooth crown has been eroded by this lesion; associated cysts at apex of all 3 roots on the buccal and lingual aspects of the maxilla; the lingual cyst is the largest of the 3

Tooth 17: Large carious lesion exhibited at distal aspect of tooth crown penetrating the pulp cavity; approximately 50% of tooth crown has been eroded by this lesion; associated cyst at apex of distal root on buccal aspect of maxilla

Tooth 18: Probable cyst present at tooth site

Tooth 26: Large carious lesion exhibited at tooth crown; this lesion has eroded >75% of the crown penetrating the pulp cavity

Tooth 27: Large cyst exhibited at tooth site

Tooth 28: Small cyst exhibited at tooth site

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 4 (foramina linked in trabecular structure) CO is exhibited in the antero-lateral, antero-intermediate and middle-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	N/R	N/R				0	0			
C4	4	3	0	0				0	0			
C5	4	3	0	0				0	0			
C6	4	0	0	0				0	0			
C7	N/R	N/R	N/R	0				0	0			
T1	N/R	N/R	0	0	N/R	N/R	0	0	0	0	N/R	3
T2	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R	N/R	4
T3	N/R	N/R	0	0	4	0	0	0	0	N/R	N/R	0
T4	N/R	N/R	0	0	N/R	N/R	0	0	0	N/R	N/R	0
T5	N/R	N/R	0	0	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	N/R	N/R	0	0	0	0	0
T7	0	N/R	0	0	N/R	N/R	0	0	0	0	0	0
T8	N/R	N/R	0	0	0	N/R	0	0	0	0	N/R	0
T9	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	N/R	0
T10	N/R	N/R	0	0	0			0	0	0		
T11	3	0	0	0	0			0	0	N/R		
T12	0	0	0	0	4			0	0	N/R		
L1	0	0	3	0				0	0			
L2	0	0	3	3				0	0			
L3	3, 4	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	3	3				3	3			

Joint

SK 743 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left Temporal and Mandibular condyle
<i>Ribs</i>	Surface porosity	3x Left Costal Facets 4x Right Costal Facets
<i>Hip</i>	Marginal osteophytes, surface porosity	Left and Right Acetabulum
<i>Knee</i>	Marginal osteophytes	Right Tibial Condyles

SK 743: Palaeopathological Summary and Differential Diagnoses

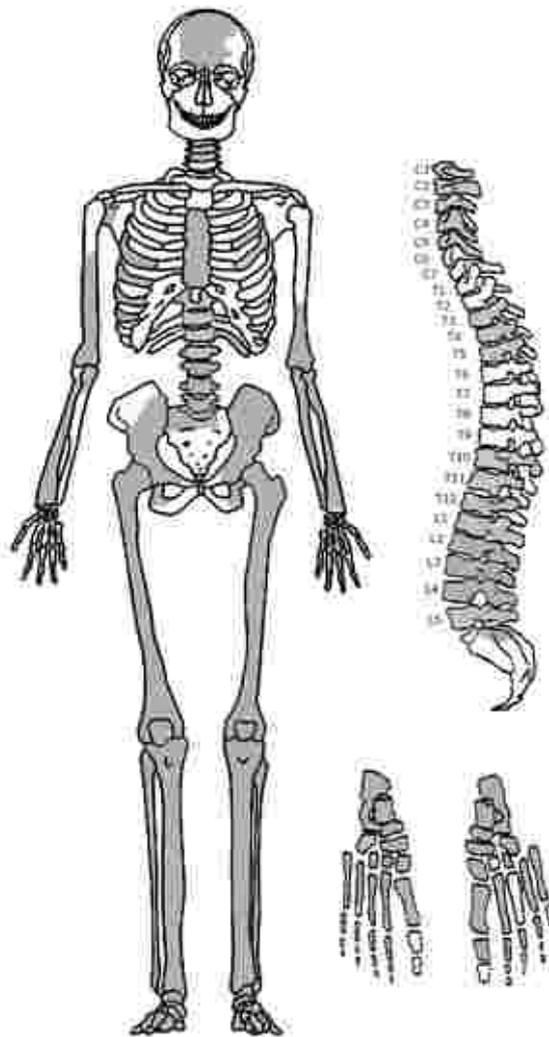
<i>Dental</i>	Antemortem tooth loss, caries, dental abscess, cyst, periodontal disease, calculus, dental attrition
<i>Joint</i>	DJD
<i>Metabolic</i>	CO

SK 744**Middle Adult****Female: 150.62 cm****Burial Position and Details:**

Plan No: 37C

Area No: 16/21

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both the arms and the legs were extended with the feet together. SK744 was found in association with finds F97: a quartz piece recovered from the pelvic region and F98: a possibly pin-head recovered with the cranium.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P	1	N/P	N/P													
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	1	N/P	1	1	1	N/P	1	1	N/P	N/P	N/P	N/P	1	1	N/P	
Calculus	N/P	3	N/P	2	2	2	N/P	0	2	N/P	N/P	N/P	N/P	2	2	N/P	
Caries	N/P	0	N/P	0	0	0	N/P	1	0	N/P	N/P	N/P	N/P	0	0	N/P	
Abscess	N/P																
Cyst	N/P																
E.Hypoplasia	N/P	0	N/P	0	0	0	N/P	0	0	N/P	N/P	N/P	N/P	0	0	N/P	
Period. Dis.	N/P																
Attrition	N/P	2	N/P	2	2	2	N/P	3	2	N/P	N/P	N/P	N/P	2	2	N/P	

Dental Disease

Caries

Tooth 41: Small carious lesion present on medial aspect of neck of tooth

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	0				0	0			
C2	0	4	N/R	N/R				0	N/R			
C3	0	3, 4	N/R	N/R				N/R	N/R			
C4	0	3, 4	N/R	N/R				N/R	N/R			
T1	One unnumbered thoracic vertebra has macroporosity evident on the right inferior costal facet but no other pathological lesions evident.											
T2												
T3												
T4												
T5												
T6												
T7												
T8	3, 4	5	N/R	N/R	0	4	N/R	0	N/R	0	N/R	N/R
T9	3, 4	3, 4, 5	N/R	N/R	0	N/R	N/R	N/R	N/R	4	0	N/R
T10	3	3, 4	N/R	N/R	0			N/R	N/R	3, 4		
T11	0	3, 4	N/R	N/R	N/R			N/R	N/R	N/R		
T12	0	0	N/R	N/R	N/R			N/R	N/R	N/R		
L1	0	3, 4	N/R	N/R				N/R	N/R			
L2	3, 4	3, 4	0	N/R				0	N/R			
L3	3, 4	3, 4	0	0				4	0			
L4	3	4	N/R	N/R				0	0			
L5	3	4	0	N/R				3	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8 and T9.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of L1 and L2.

*Trauma**Fracture*

A healed fracture of unknown type is present at an unnumbered right rib fragment. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable.

Joint

SK 744 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

	<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
	<i>Temporomandibular</i>	Surface porosity	Left Temporal
	<i>Glenohumeral</i>	Marginal osteophytes	Right glenoid fossa
	<i>Ribs</i>	Surface porosity	2x Left Costal Facets
	<i>Elbow</i>	Marginal osteophytes	Left distal humerus
	<i>Hand</i>	Marginal osteophytes	Left MC1 (distal articular surface)
	<i>Hip</i>	Marginal osteophytes, surface porosity	Left and Right Acetabulum

*Trauma**Spondylolysis*

Bilateral spondylolysis is exhibited at the pars interarticularis of L5

SK 744: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Trauma</i>	Fracture, Spondylolysis

SK 745**Adult****Probable Female**

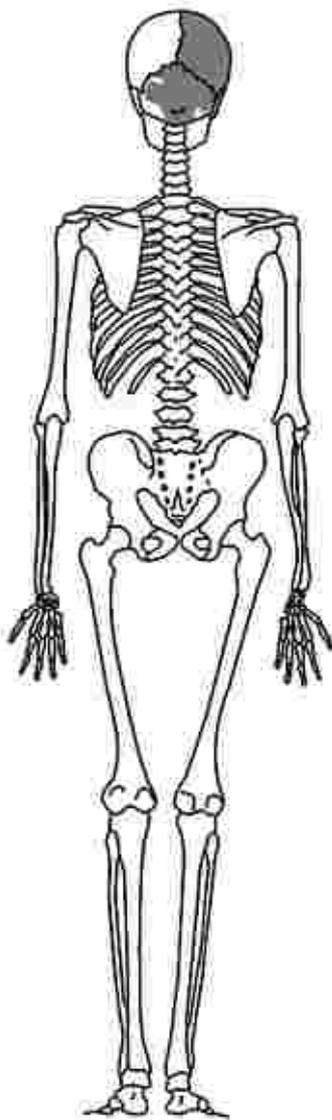
Burial Position and Details:

Plan No: 30F

Area No: 16

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Cranial Pathology

Abnormal Bone Loss:

Two lesions of unifocal bone loss are exhibited at the cranial vault affecting both the external surface and the diploë bone in one of the cases. The first lesion is observable at the right occipital bone adjacent to the external occipital crest. This lesion presents as unifocal bone loss which extends to the internal diploë bone but does not perforate the bone entirely. The lesion is oval in shape and measures 7.0mm anterior-posterior and 4.9mm medial-lateral. Healing in the form of woven callus bone formation is also observable which has obscured the lesion's original edge (measuring approximately 16.36mm anterior-posterior and 13.03mm medial-lateral).

The second lesion is observable at the right parietal bone approximately 29.67mm anterior and 39.1mm lateral of lambda. This lesion presents as unifocal bone loss which affects the external surface only. The lesion is sub-circular in shape and measures 5.29mm anterior-posterior and 6.71mm medial-lateral. There is no observable healing of this lesion.

SK 745: Palaeopathological Summary and Differential Diagnoses

Miscellaneous Possibly cranial lytic lesions

SK 746

Young Adult

Female: 152.89 cm

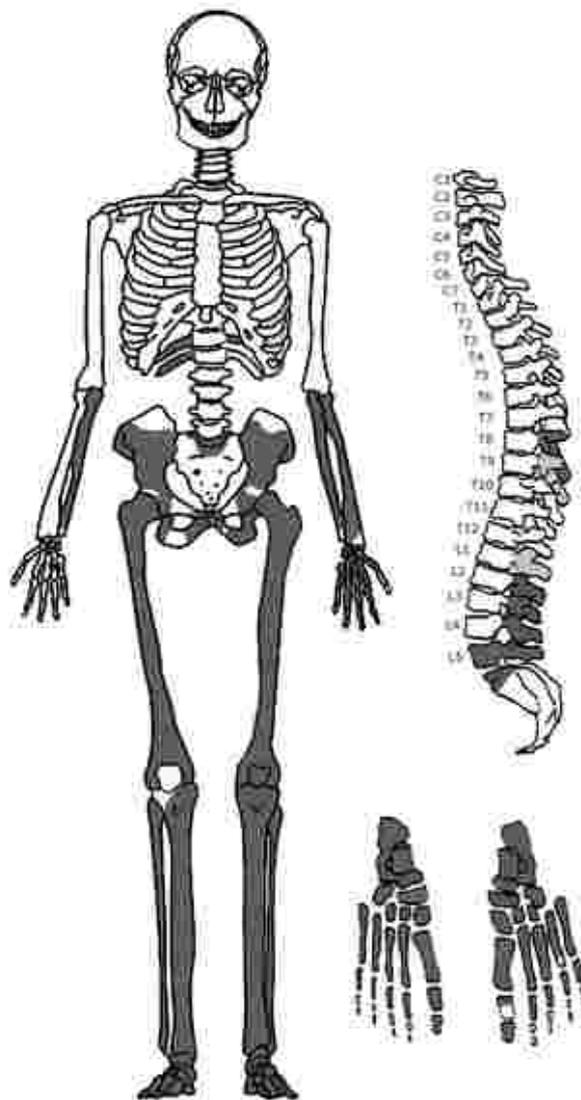
Burial Position and Details:

Plan No: 35

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Congenital

Cranial border shifting

SK 746 exhibits congenital fusion of L5 and S1.

SK 746: Palaeopathological Summary and Differential Diagnoses

Congenital Cranial border shifting

SK 747

Adult

Sex Not Recordable

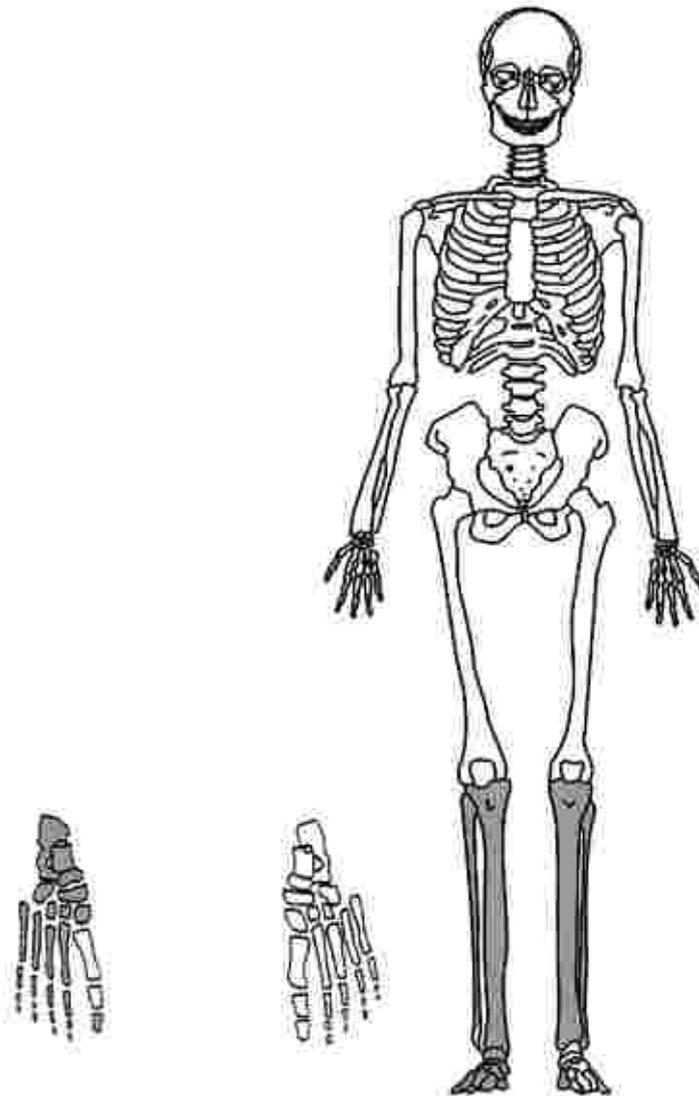
Burial Position and Details:

Plan No: Not specified

Area No: 20

Orientation not specified: simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 4

Post Cranial Pathology

Joint

SK747 exhibits pathological lesions indicative of degenerative joint disease and osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ankle</i>	Surface porosity, eburnation	Left distal tibia; Right distal tibia and Right Talus (porosity only)

SK 747: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis, DJD

SK 748

Adult

Probable Male

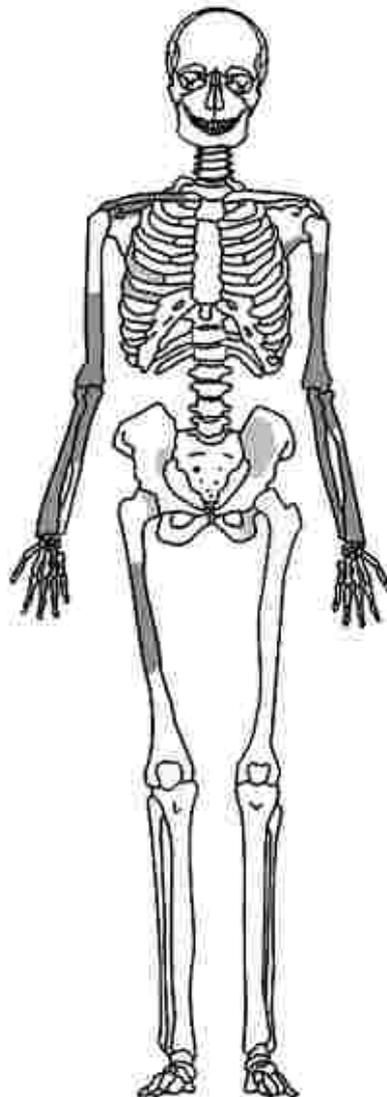
Burial Position and Details:

Plan No: 32D

Area No: 20

E-W orientation; simple, extended supine burial of poor completeness and poor preservation. Both arms were flexed at the elbow crossing the pelvis.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 748: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 752

Adult

Probable Male: 177.82 cm

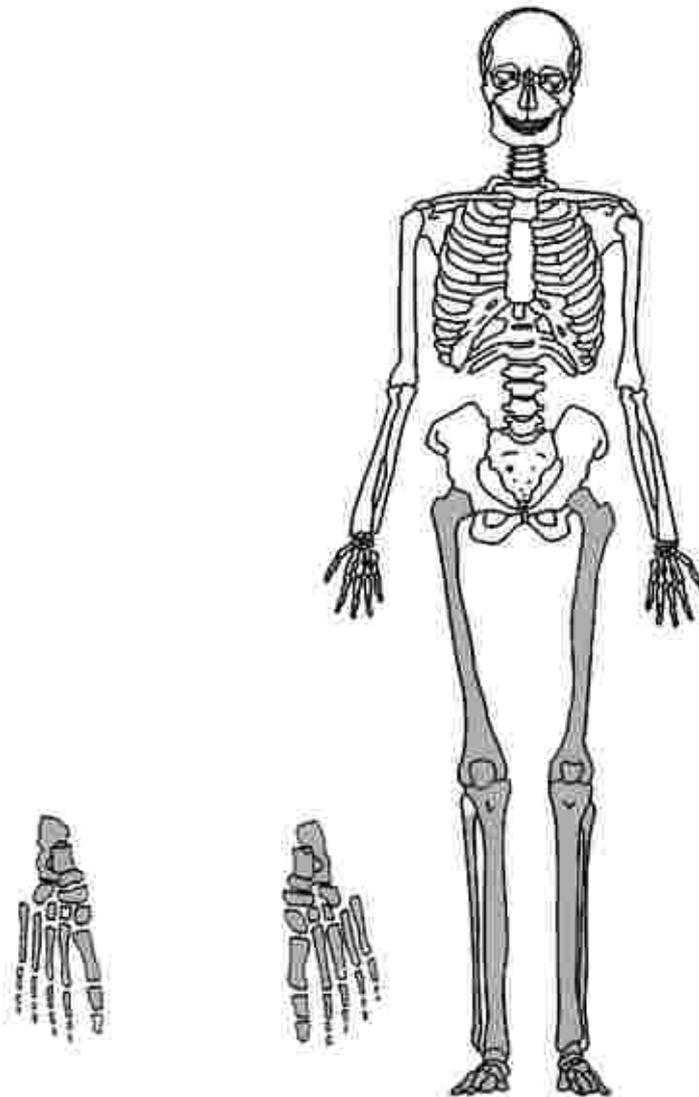
Burial Position and Details:

Plan No: 35C

Area No: 17/22

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Trauma

Ossified Haematoma

An oval lesion composed of sclerotic bone is present on the anterior mid-shaft of the right femoral shaft. The lesion measures 9.47mm proximal-distal and 5.33mm medial-lateral. This lesion may be as a result of an ossified haematoma in life.

Fracture

A fracture is present at the proximal articular surface of the left 5th foot phalanx. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in joint contour change at the fractured articular head.

Trauma

Vertical enthesophyte formation is present at the lateral aspect of the distal shaft of the right tibia. This is indicative of ossification of the interosseus membrane.

SK 752: Palaeopathological Summary and Differential Diagnoses

Trauma Possible ossified haematoma, Fracture, Enthesophyte formation

t

SK 754

Adult

Sex Not Recordable

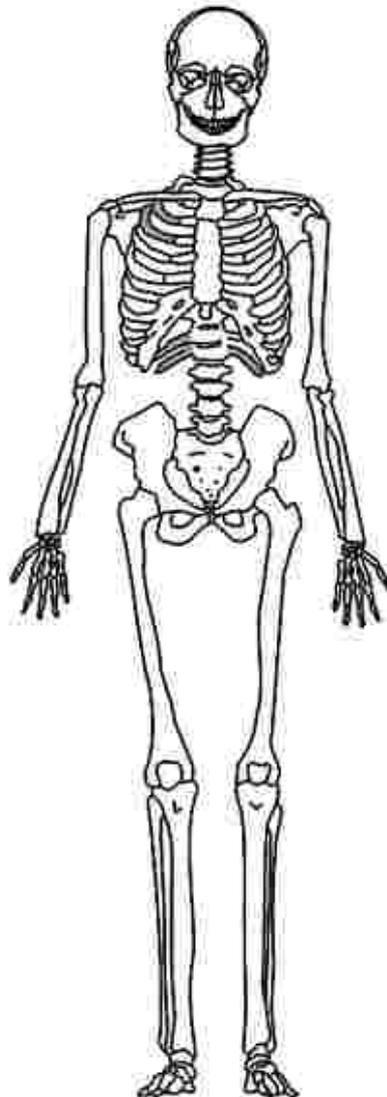
Burial Position and Details:

Plan No: Not specified

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

SK 754: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 756

Old Adult

Probable Female

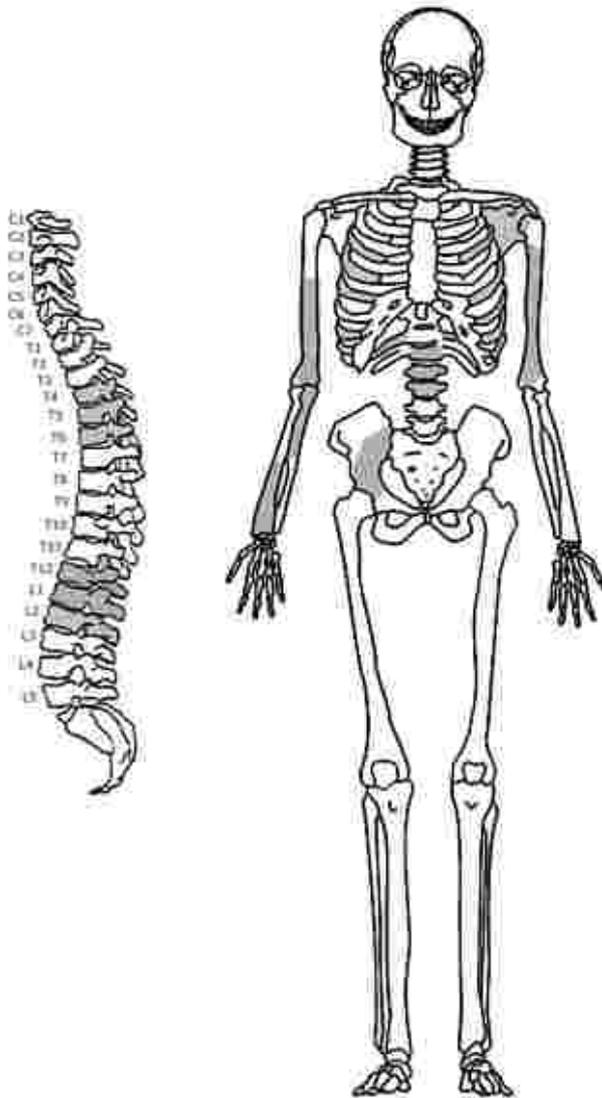
Burial Position and Details:

Plan No: 32B

Area No: 20

NW-SE orientation; simple, extended supine burial of poor completeness and moderate preservation. Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 756: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 757A

Young Adult

Female

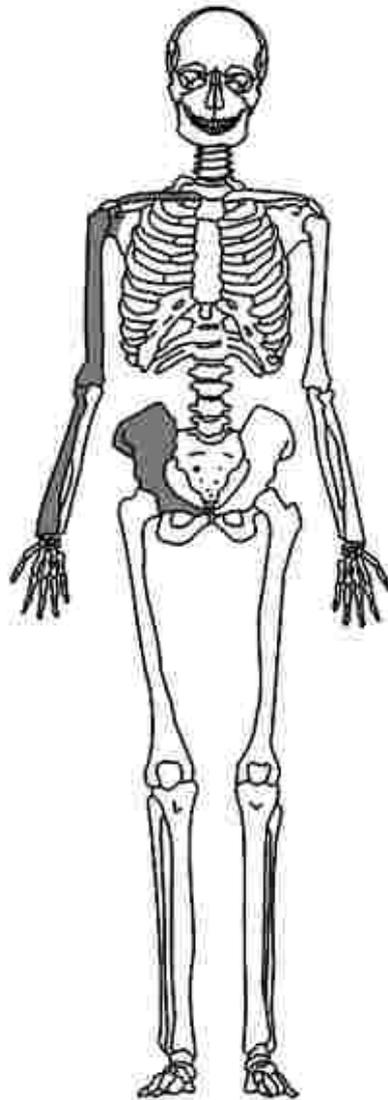
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 757A: Palaeopathological Summary and Differential Diagnoses

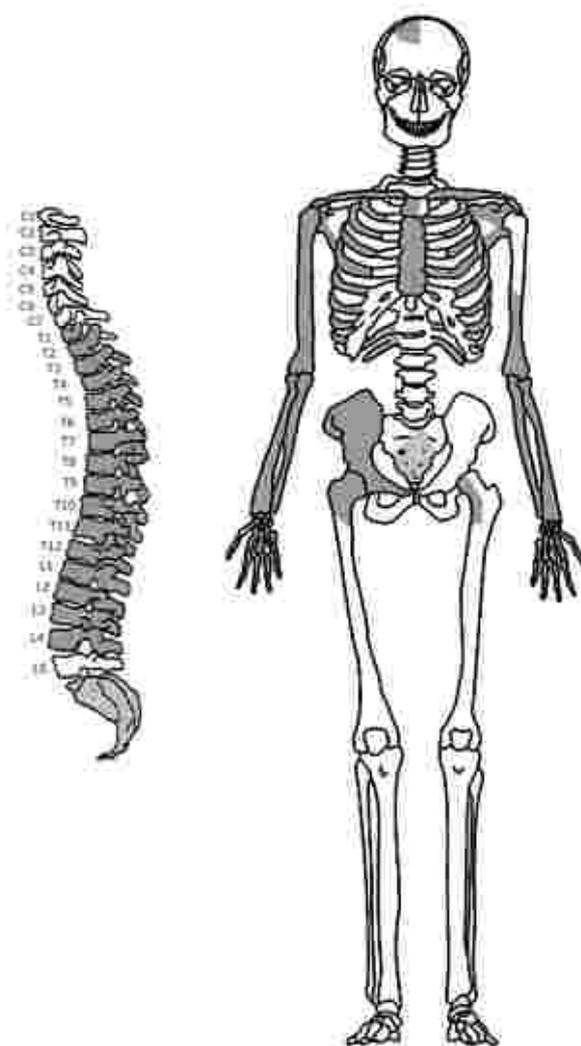
No pathological lesions were observed on the skeletal elements present for analysis.

SK 757B**Old Adult****Male****Burial Position and Details:**

Plan No: 26B

Area No: 3

NW-SE orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The right hand was positioned over the pelvic region with the left arm under the lower right arm.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R.Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		0	0	0				0	0			
T1	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	0	N/R	0
T2	6	4	0	N/R	0	4	0	0	N/R	N/R	N/R	0
T3	4	4	0	0	N/R	N/R	0	0	4	N/R	N/R	N/R
T4	4	4	0	0	0	N/R	4	0	N/R	N/R	4	4
T5	3 + 4	0	0	4	0	N/R	N/R	0	4	4	4	N/R
T6	0	3 + 4	0	N/R	4	4	0	N/R	N/R	N/R	N/R	N/R
T7	3	3 + 4 + 5	0	0	N/R	N/R	0	0	0	4	N/R	0
T8	3 + 4 + 5	3 + 4	0	0	N/R	N/R	0	0	0	N/R	N/R	0
T9	3 + 4	3 + 4 + 5	0	0	0	6	4	0	0	4	N/R	N/R
T10	3 + 4	4 + 5	0	0	4			4	3 + 4	4		
T11	3 + 4	4	4	0	N/R			3 + 4	0	4		
T12	3 + 4	4 + 5	0	N/R	4			0	0	4		
L1	3 + 4 + 5	3 + 4 + 5	0	4				0	4			
L2	3 + 4 + 5	3 + 4	0	4				0	4			
L3	3 + 4	0	0	0				0	0			
L4	3 + 4	3	0	0				0	N/R			
L5	3	N/R	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T8, T9, T10, T12, L1 and L2.

Intervertebral Osteochondrosis

SK 757B exhibits extensive lesions indicative of degenerative disc disease at the vertebral bodies of T5, T6, T7, T8, T9, T10, T11, T12, L1, L2, L3, L4 and L5 in the form of surface porosity and pitting and vertical syndesmophyte formation at the circumference of the affected vertebral bodies.

*Trauma**Fracture*

A possible healed fracture is present at the mid-shaft of the 2nd right proximal hand phalanx. The fracture line is no longer evident. This fracture has resulted in secondary shortening of the bone shaft by 2.7mm in comparison to the left opposing phalanx.

Joint

SK 757B exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Acromion process
<i>Glenohumeral</i>	Marginal osteophytes	Right glenoid fossa

SK 757B: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Metabolic</i>	Porotic Hyperostosis
<i>Trauma</i>	Possible Fracture

SK 758**Young Adult****Female: 154.8cm****Burial Position and Details:**

Plan No: 32D

Area No: 20

W-E orientation; simple, extended supine burial of good completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region. The left arm was extended with the left hand by the side of the pelvis.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	2	1	1	2	N/P										
Calculus	N/R	N/R	2	1	N/R	N/P										
Caries	N/R	N/R	0	0	N/R	N/P										
Abscess	0	0	0	0	0	N/P										
Cyst	0	0	0	0	0	N/P										
E.Hypoplasia	N/R	N/R	0	0	N/R	N/P										
Period. Dis.	N/R	N/R	0	0	N/R	N/P										
Attrition	N/R	N/R	2	1	N/R	N/P										

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	0	0	0	0				N/R	0			
T1	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T2	0	0	0	0	0	0	0	0	0	0	0	N/R
T3	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T4	0	3	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	0	0	0	0	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	0	4	0	0	0	N/R	0
T7	0	0	0	0	0	0	0	0	0	0	0	N/R
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	5	0	0				0	0			
L2	3, 4	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L1.

*Infection**Reactive Bone Formation*

SK 758 exhibits periosteal reactive lesions of the left ribs. Reactive bone deposits in the form of woven bone are present at the visceral surface of 5 left ribs and 2 right ribs.

SK 758: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

Infection Non-specific: Reactive bone deposits

SK 759**Young Adult****Male: 167cm**

Burial Position and Details:

Plan No: 32D

Area No: 20

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	0	3, 4	0	0				N/R	N/R			
C5	0	3, 4	N/R	N/R				N/R	N/R			
C6	3, 4	3	N/R	N/R				N/R	N/R			
C7	0	0	N/R	N/R				N/R	N/R			
T3	0	0	0	0	0	0	3	0	0	0	0	N/R
T4	0	0	0	0	0	0	0	0	0	0	0	N/R
T5	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	0	0	0
T6	0	0	0	0	0	0	3	0	0	0	N/R	N/R
T7	5	0	0	0	0	0	N/R	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	3	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	3			0	0	3		
I 1	0	0	3	0				3	0			
L2	0	4	0	N/R				0	0			
L3	3	4	0	0				0	0			
L4	3	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of T7.

Joint

SK 759 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle Right Manubrium
<i>Ribs</i>	Surface porosity	1x Left Costal Facet 1x Right Costal Facet 3x Right rib heads
<i>Wrist</i>	Surface porosity, surface osteophytes, marginal osteophytes, eburnation	Right distal radius, scaphoid, lunate, triquetrum, trapezoid, capitate and hamate
<i>Hand</i>	Marginal osteophytes	Right MC1
<i>Hip</i>	Marginal osteophytes, surface porosity	Left and Right Acetabulum

The osteoarthritic changes of the right wrist are notably severe.

SK 759: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's node
<i>Joint</i>	Osteoarthritis, DJD

SK 760

Young Adult Female

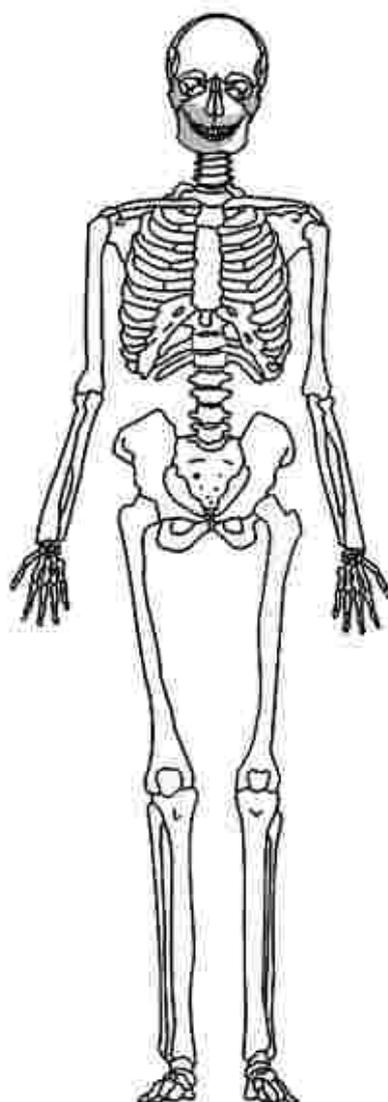
Burial Position and Details:

Plan No: 30E

Area No: 16

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	0	2	0	0	0	N/P	N/P	2	N/P	0	N/P	0	2	0	N/P
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/P
E.Hypoplasia	N/P	0	0	0	0	0	N/P	N/P	0	N/P	0	N/P	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/P
Caries	N/P	0	0	0	0	0	N/P	N/P	0	N/P	0	N/P	0	0	0	N/P
Calculus	N/P	1	2	1	1	1	N/P	N/P	1	N/P	1	N/P	1	2	2	N/P
	N/P	1	1	1	1	1	2	2	1	2	1	2	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	8	N/P	1	1	1	1	2	1	1	2	2	2	2	N/P	N/P	8
Calculus	N/P	N/P	2	1	1	2	2	N/P	2	2	N/P	N/P	N/P	N/P	N/P	N/P
Caries	N/P	N/P	0	0	0	0	0	N/P	0	0	N/P	N/P	N/P	N/P	N/P	N/P
Abscess	N/P	N/P	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/P	N/P	N/P
Cyst	N/P	N/P	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/P	N/P	N/P
E.Hypoplasia	N/P	N/P	0	0	0	0	0	N/P	0	0	N/P	N/P	N/P	N/P	N/P	N/P
Period. Dis.	N/P	N/P	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/P	N/P	N/P
Attrition	N/P	N/P	2	0	0	0	2	N/P	2	2	N/P	N/P	N/P	N/P	N/P	N/P

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Tooth 38 and 48 are missing congenitally.

SK 760: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, congenitally absent molars

SK 762A

Adult

Sex Not Recordable

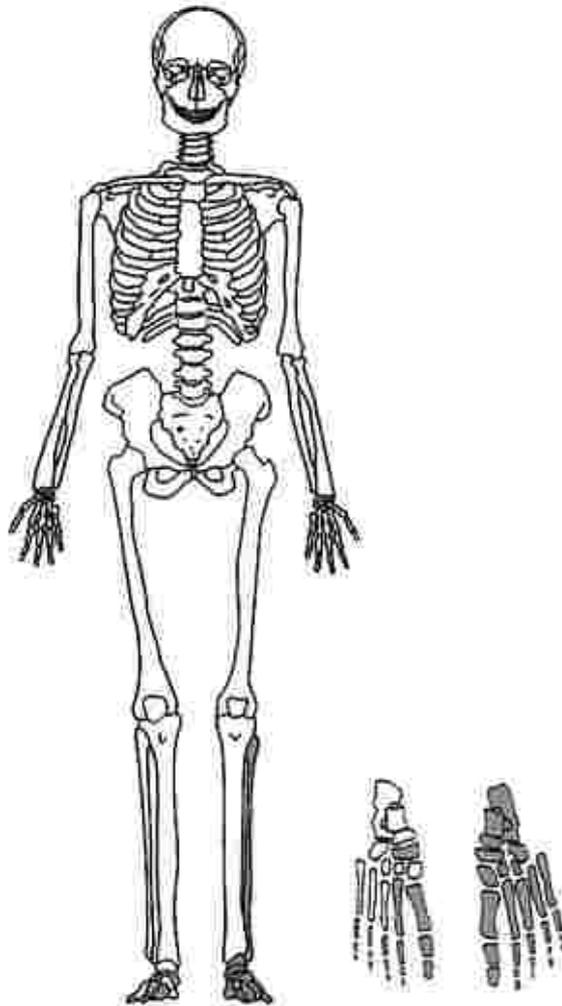
Burial Position and Details:

Plan No: Not specified

Area No: 21

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 762A: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 762B

Adult

Indeterminate Sex

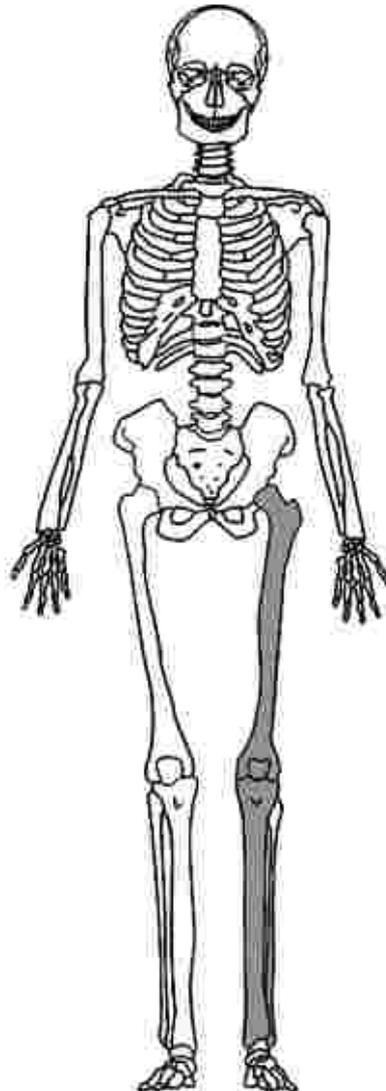
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 762B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 762C

Adult

Indeterminate Sex

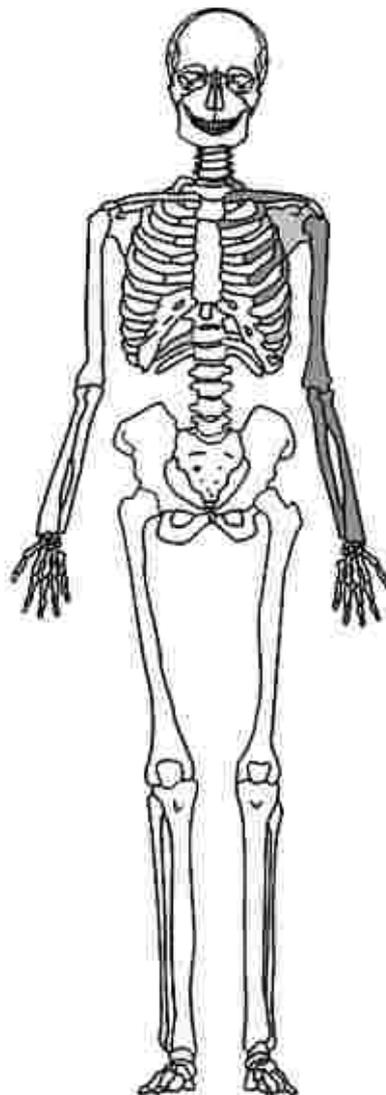
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

SK 762C: Palaeopathological Summary and Differential Diagnoses

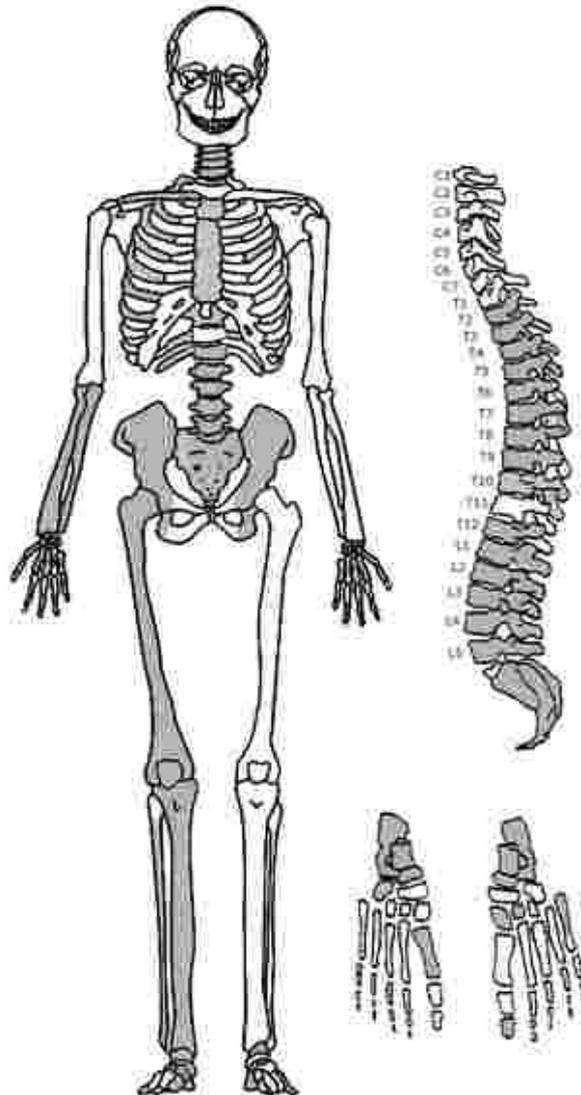
No pathological lesions were observed on the skeletal elements present for analysis.

SK 763**Young Adult****Male: 163.3cm****Burial Position and Details:**

Plan No: 32F

Area No: 20

SW-NE orientation; simple, extended supine burial of good completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	0	0	N/R	0				N/R	3			
T1	0	0	0	0	0	0	0	0	0	N/R	N/R	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T4	0	5	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	0	3, 4, 5	0	0	0	0	N/R	0	0	0	0	0
T6	0	5	0	0	0	0	0	0	0	0	0	N/R
T7	3, 5	3, 5	4	0	0	0	0	0	0	0	0	0
T8	3, 5	0	0	0	0	4	0	0	0	0	0	N/R
T9	3	3, 4, 5	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T12	5	4, 5	0	0	0			0	0	0		
L1	4, 5	4, 5	0	0				0	0			
L2	3, 4, 5	4	0	0				0	0			
L3	5	0	3	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T4, T5, T7, T9, T12 and L3. Schmorl's nodes of moderate expression are present at the vertebral bodies of T6, T8, L1 and L2. Schmorl's nodes of marked expression are present at the vertebral bodies of T12 and L1.

*Infection**Reactive Bone Formation*

SK 763 exhibits periosteal reactive lesions at the sacrum. Reactive bone deposits in the form of both woven and sclerotic bone is present at the anterior bodies of the 2nd, 3rd and 4th sacral segments. Partial sclerosis of these lesions indicates a degree of healing took place before the time of death.

Joint

SK 763 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity, subchondral bone loss	Right Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	3x Right Costal Facets Right 11 th and 12 th rib heads
<i>Hip</i>	Periarticular resorptive foci	Right Acetabulum

SK 763: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Infection</i>	Non-specific: Reactive bone deposits

SK 764

Adult

Male

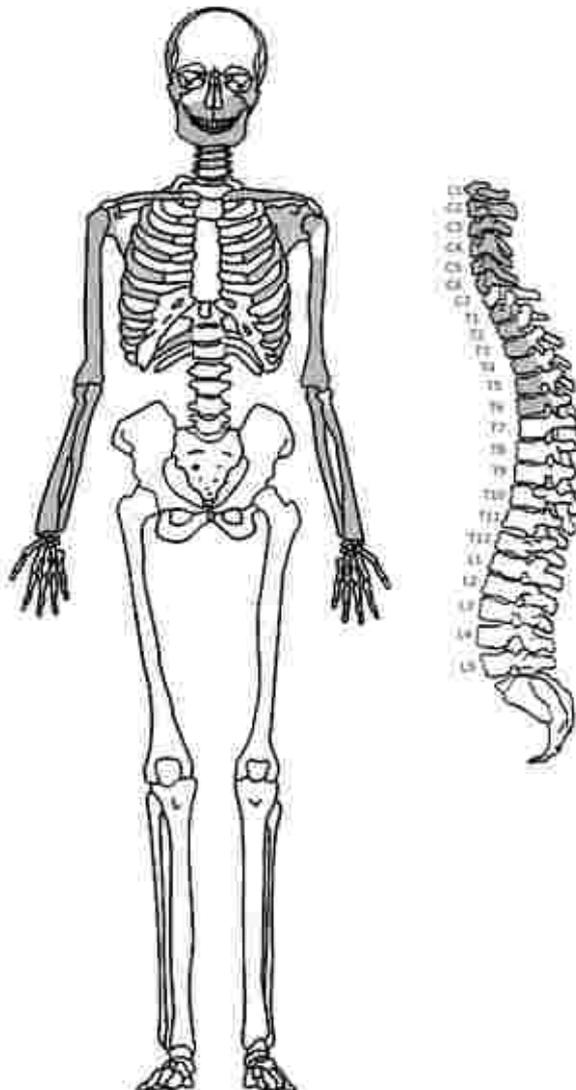
Burial Position and Details:

Plan No: Not specified

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Taphonomy: Animal gnawing was noted at the posterior left parietal at the edges of a post-mortem perforation.

Dentition

Attrition	N/P	3	N/P	N/P	N/P	N/P											
Period. Dis.	N/P	N/P	N/P	0	N/R	N/R	0	0	N/R	N/R	2	2	N/R	N/R	N/P	N/P	
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P											
Cyst	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P	
Abscess	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P	
Caries	N/P	0	N/P	N/P	N/P	N/P											
Calculus	N/P	1	N/P	N/P	N/P	N/P											
	N/P	N/P	N/P	2	2	2	2	2	2	2	2	2	1	2	4	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	4	1	1	1	4	4	4	2	1	2	1	4	4	5	
Calculus	2	1	N/P	2	2	2	N/P	N/P	N/P	N/P	2	N/P	1	N/P	N/P	N/R	
Caries	0	0	N/P	0	0	0	N/P	N/P	N/P	N/P	0	N/P	0	N/P	N/P	N/R	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
E.Hypoplasia	0	0	N/P	0	0	0	N/P	N/P	N/P	N/P	0	N/P	0	N/P	N/P	N/R	
Period. Dis.	2	3	0	N/R	1	1	3	3	0	0	1	1	3	3	3	2	
Attrition	3	3	N/P	3	3	3	N/P	N/P	N/P	N/P	3	N/P	2	N/P	N/P	N/R	

Dental Disease

Antemortem Tooth Loss

SK 764 exhibits antemortem tooth loss of 3 mandibular incisors and 3 mandibular molars, and 1 maxillary molar. Complete secondary resorption of the alveolar process has occurred at the tooth sites of Tooth 36, 42 and 46 with only partial resorption of the tooth socket of Tooth 26 and 37. There is little resorption apparent at the tooth site of Tooth 41.

Dental attrition

SK 764 exhibits an unusual overall dental attrition pattern. Tooth 48: Severe attrition present which has eroded tooth crown down to the pulp cavity. Tooth 38: Small fragment of distal tooth root remaining.

Cyst

Tooth 41: Probable cyst present at tooth site resulting in antemortem tooth loss of this tooth

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and within the squamous portion of the occipital bone. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	3	3	0	0				0	0			
C3	3	3, 4	0	0				0	0			
C4	3, 4	3, 4	0	0				3	3			
C5	3, 4	3, 4	0	0				0	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	3, 4	N/R	N/R				N/R	N/R			
T1	6 unnumbered thoracic vertebrae present. 1 upper thoracic has porosity evident affecting between 1/3 and 2/3 of the superior surface. 3 thoracic vertebrae have macroporosity evident on the superior and inferior vertebral surfaces.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												

SK 764: Palaeopathological Summary and Differential Diagnoses

- Dental* Antemortem tooth loss, dental cyst, periodontal disease, calculus, dental attrition
- Vertebral* Intervertebral osteochondrosis
- Metabolic* Porotic Hyperostosis

SK 769

Adult

Sex Not Recordable

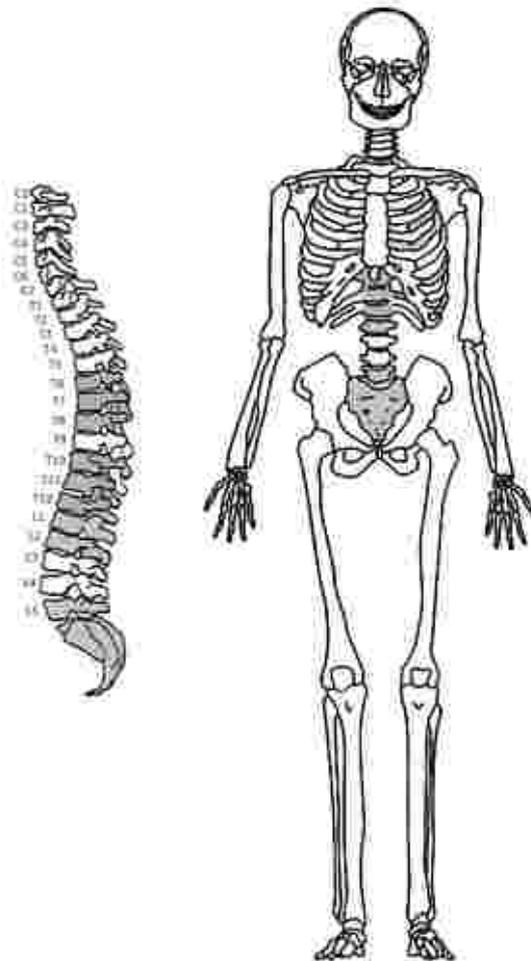
Burial Position and Details:

Plan No: 35A

Area No: 17/22

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. SK 769 was found in association with the find F84: a fragment of pottery/ stoneware.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	3 lower thoracic vertebrae present; unable to number accurately but most likely represent T6-T8 No pathological changes present											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	0	0	0	0	0		0	0	0			
T11	0	5	0	0	0		0	0	0			
T12	0	5	0	0	0		0	0	0			
I 1	N/R	N/R	N/R	0			0	0				
L2	N/R	N/R	0	0			0	0				
L5	N/R	N/R	N/R	N/R			N/R	N/R				

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T11 and T12.

SK 769: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 771

Middle Adult

Female: 154.4cm

Burial Position and Details:

Plan No: 37

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	2	1	1	2	N/P	N/P	2	N/P	2	1	1	2	2	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	0	0	0	0	N/P	N/P	0	N/P	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	N/P	0	0	0	0	N/P	N/P	0	N/P	0	0	0	0	0	0
Calculus	N/P	N/P	1	1	1	1	N/P	N/P	1	N/P	1	1	1	1	1	1
	2	2	1	1	1	1	2	2	1	2	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Calculus	N/P	0	2	1	1	1	2	2	2	1	1	1	1	1	1	N/P
Caries	N/P	0	1	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Attrition	N/P	2	2	1	1	2	1	2	2	2	2	1	1	2	2	N/P

Dental Disease

Caries

Tooth 47: Small carious lesion present on the buccal aspect at the neck of the tooth

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, antero-intermediate and antero-medial sector of the left orbital roof.

Infection

Maxillary Sinusitis

SK 771 exhibits periosteal reactive lesions within the left maxillary sinus indicative of chronic maxillary sinusitis. Reactive bone deposits in the form of sclerotic bone are present on the anterior, lateral and superior walls of the maxillary sinus. The new bone formation on the superior and anterior walls is perpendicular to the bone surface.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	N/R	0	0	0	0	3,4	0
T2	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T3	0	0	0	0	N/R	N/R	0	0	0	0	4	N/R
T4	0	0	0	3, 4	N/R	N/R	0	0	0	N/R	N/R	N/R
T5	0	0	3, 4	0	0	4	0	0	0	0	4	0
T6	0	0	0	0	N/R	0	0	0	0	N/R	N/R	N/R
T7	0	3	N/R	0	0	0	0	0	0	0	0	N/R
T8	0	0	0	0	4	4	0	0	0	0	0	N/R
T9	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	4			0	0	0		
T12	0	0	0	0	4			0	0	4		
L1	0	0	0	0				0	0			
L2	3	0	0	0				0	0			
L3	3	4	0	0				0	0			
L4	3	0	0	0				0	0			
L5	0	0	0	0				0	0			

Trauma

Spondylolysis

Unilateral spondylolysis is exhibited at the right pars interarticularis of L5.

SK 771: Palaeopathological Summary and Differential Diagnoses

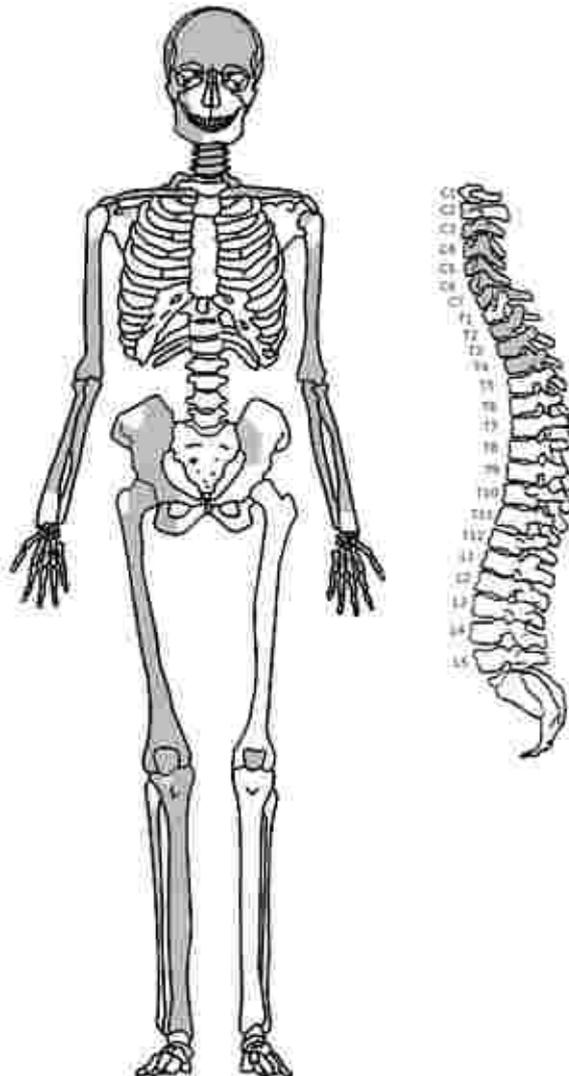
Dental Caries, calculus, dental attrition
Metabolic CO
Infection Maxillary sinusitis
Trauma Spondylolysis

SK 773**Middle Adult****Female: 152.5cm****Burial Position and Details:**

Plan No: 30A

Area No: 12

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. The right leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	2	2	N/P												
Period. Dis.	N/P	2	N/R	N/P												
E.Hypoplasia	N/P	0	0	N/P												
Cyst	N/P	0	0	N/P												
Abscess	N/P	0	0	N/P												
Caries	N/P	0	0	N/P												
Calculus	N/P	2	2	N/P												
	N/P	1	1	N/P												
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	4	1	1	2	N/P									
Calculus	N/P	1	N/P	2	2	N/P										
Caries	N/P	2	N/P	0	0	N/P										
Abscess	N/P	0	0	0	0	0	N/P									
Cyst	N/P	0	0	0	0	0	N/P									
E.Hypoplasia	N/P	0	N/P	0	0	N/P										
Period. Dis.	N/P	2	N/R	2	2	N/R	N/P									
Attrition	N/P	3	N/P	1	0	N/P										

Dental Disease

Antemortem Tooth Loss

SK 773 exhibits antemortem tooth loss of a mandibular 1st molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 47: Medium sized carious lesion present on buccal aspect of neck of tooth

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	0	0	0	0				N/R	N/R			
C5	N/R	N/R	0	N/R				N/R	N/R			
C6	3	3, 4	0	0				0	0			
C7	3, 4	3, 4	0	0				0	0			
T1	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T2	3, 4	0	0	0	0	0	N/R	0	0	N/R	N/R	N/R
T3	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R

Trauma

Fracture

A fracture is present at distal articular facet of an unnumbered proximal hand phalanx. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable.

Joint

SK 773 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Acromion process Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left Glenoid fossa
<i>Wrist</i>	Marginal osteophytes	Left distal ulna
<i>Hand</i>	Marginal osteophytes, surface porosity, eburnation	Left and Right MC1 and 1 st proximal phalanx Right MC3

SK 773: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition

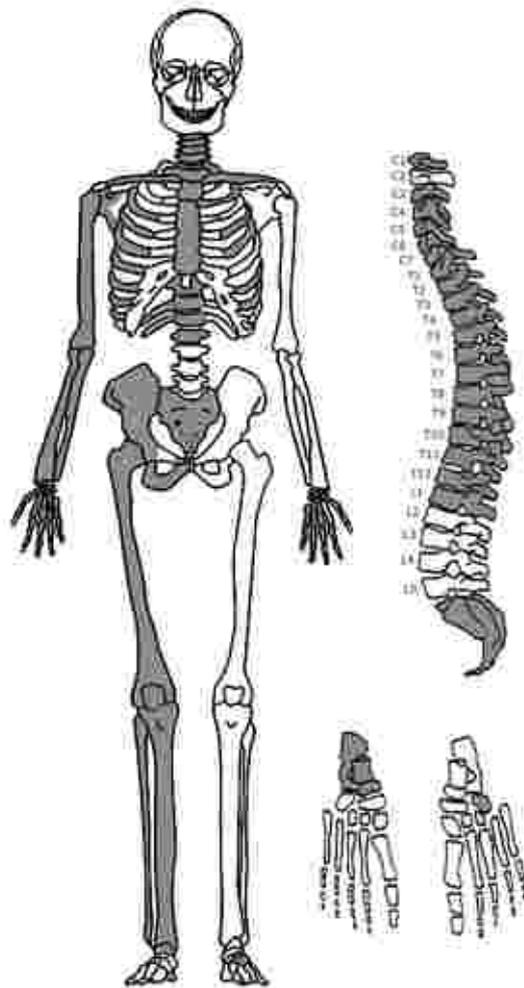
Vertebral Degenerative disc disease
Joint Osteoarthritis, DJD
Trauma Fracture

SK 775**Young Adult****Male: 176.2cm****Burial Position and Details:**

Plan No: Not specified

Area No: 12/16

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left hand was positioned over the pelvic region with the right hand by the side of the body.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 775: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 776

Old Adult

Female: 150.4cm

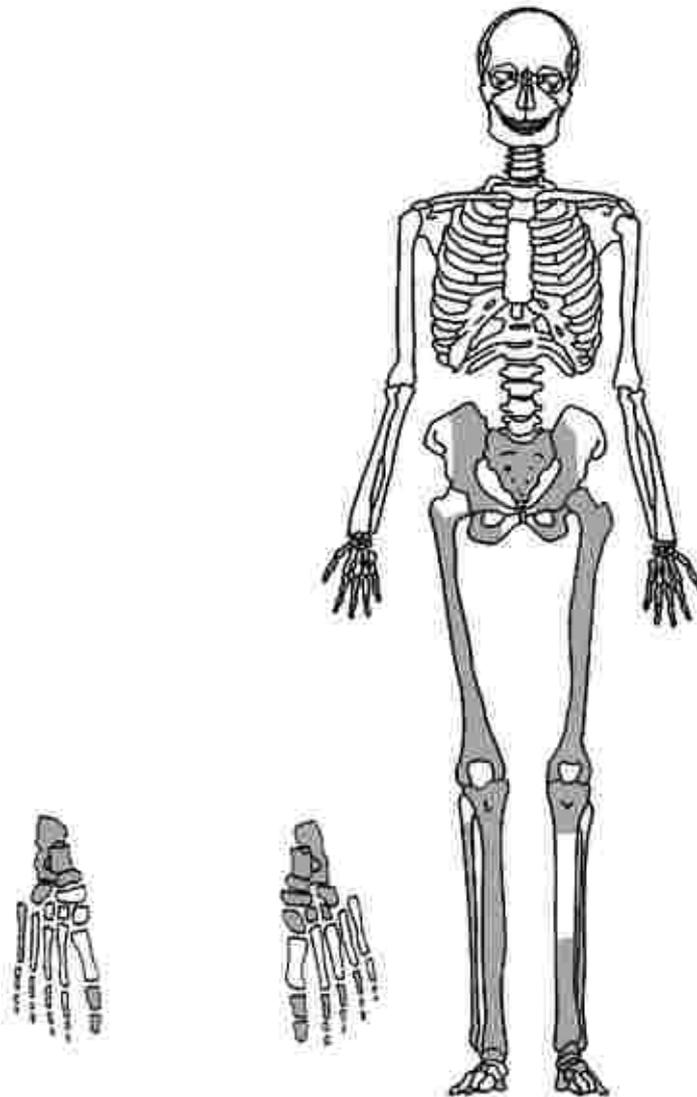
Burial Position and Details:

Plan No: 37B

Area No: 21

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 776 exhibits a periosteal reactive lesion of the left MC1. Reactive bone deposits in the form of woven bone are present at the medial-anterior aspect of the proximal articular facet of MC1.

Joint

SK776 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Foot</i>	Subchondral bone loss, surface porosity, marginal osteophytes	Left Proximal foot phalanx

SK 776: Palaeopathological Summary and Differential Diagnoses

Joint DJD
Infection Non-specific: Reactive bone deposits

SK 777

Adult

Probable Male: 167.6cm

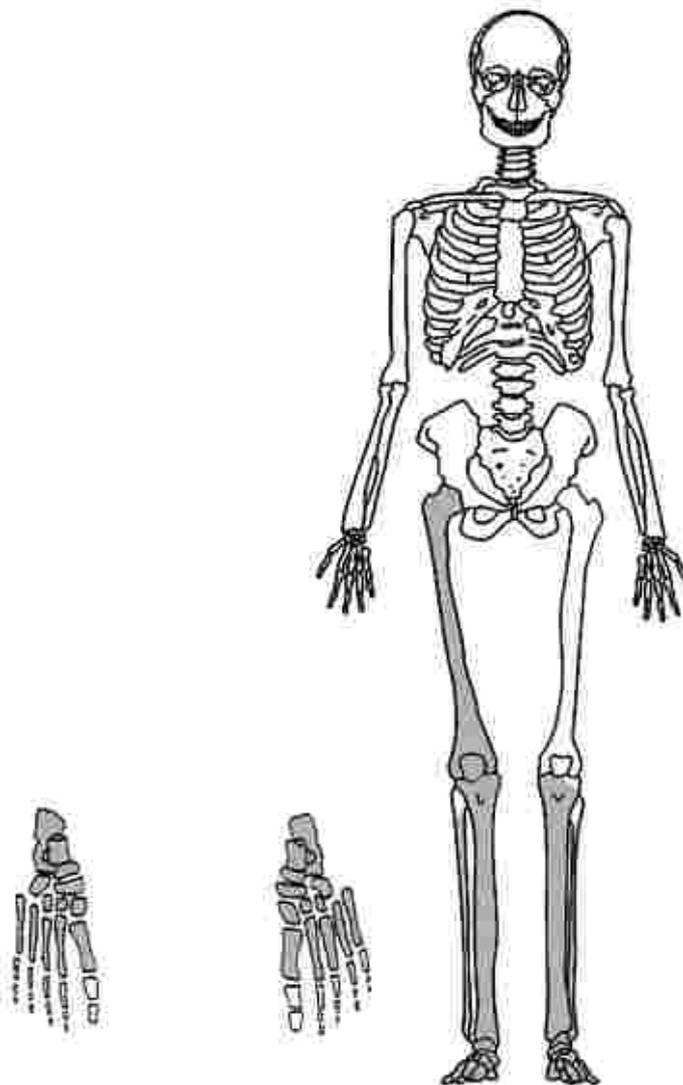
Burial Position and Details:

Plan No: 35D

Area No: 17/22

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Joint

SK 777 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Knee</i>	Surface porosity, surface osteophytes	Right Femoral Condyles

SK 777: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 780**Middle Adult****Male: 159.3cm****Burial Position and Details:**

Plan No: 30G

Area No: 12

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the right side. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together. SK780 was found in association with a number of distinct stones placed around the body, specifically several quartz pieces recovered from the neck region, a rectangular piece of sandstone with a mica covering recovered from the area of the right arm and F88: a quartz piece recovered from the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	3	3	3	3	1	N/R	N/R	2	2	N/R	1	1	3	3	3	N/R
Period. Dis.	0	0	1	1	1	0	0	0	0	0	1	1	1	1	2	N/R
E.Hypoplasia	0	0	0	0	0	N/R	N/R	0	0	N/R	1	0	0	0	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Caries	1	0	0	0	0	N/R	N/R	0	0	N/R	0	0	0	0	3	N/R
Calculus	1	1	1	1	1	N/R	N/R	1	1	N/R	1	1	1	1	1	N/R
	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	3	3	3	3	3	3	2	2	2	2	2	1	1	3	3	3

Dental Disease

Caries, Abscess, Cyst

Tooth 18: Small carious lesion present on the occlusal aspect of the tooth.

Tooth 27: Abscess/ cyst present on the buccal aspect of the distal root; this root was exposed due to bone resorption at this location. A large carious lesion is also present at the occlusal and distal aspects of the tooth crown.

Tooth 28: Large cyst/ abscess present on the buccal aspect of the alveolar bone.

Enamel Hypoplasia

Tooth 23: 2 hypoplastic grooves present; 2.50mm and 6.56mm from the cemento-enamel junction respectively

Tooth 32: 1 hypoplastic groove present; 3.31mm from the cemento-enamel junction

Tooth 33: 1 hypoplastic groove present; 6.24mm from the cemento-enamel junction

Tooth 34: 1 hypoplastic groove present; 2.29mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-lateral and middle-intermediate sector of the left and right orbital roofs.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	3, 4	0	0				0	0			
C4	3, 4	3, 4	0	0				0	0			
C5	3, 4	3, 4	0	0				0	0			
C6	3	0	0	0				0	3			
C7	0	0	0	0				3	0			
T1	0	0	0	0	0	0	N/R	0	0	0	0	0
T2	0	0	0	0	0	0	N/R	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	N/R
T4	0	0	0	0	0	0	0	0	0	0	0	N/R
T5	0	5	0	0	0	0	N/R	0	0	0	0	0
T6	0	3, 4	0	0	0	0	0	0	0	0	0	0
T7	0	3, 4, 5	0	0	4	0	3	0	0	4	0	3
T8	0	3	0	N/R	0	0	N/R	0	0	0	0	3
T9	3	3	0	0	0	0	3, 4	0	0	0	4	N/R
T10	3, 4	3, 4, 5	0	0	0			0	0	0		
T11	3	3, 5	0	0	0			0	0	0		
T12	3, 4	3, 4	0	0	4			0	0	0		
L1	3	3, 4	0	0				0	0			
L2	3	3, 4	0	N/R				0	0			
L3	3, 5	3	0	0				0	0			
L4	3, 5	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T5, T7 and T10. A Schmorl's node of moderate expression is present at the vertebral body of T11.

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of T8, T9, T12, L1, L2, L3 and L4 in the form of vertical syndesmophyte formation at the rim of the affected bodies and pitting of the body surface.

*Infection**Reactive Bone Formation*

SK 780 exhibits bilateral periosteal reactive lesions of the long-bones. Reactive bone deposits in the form of both woven and sclerotic bone are present along the length of the right ulnar shaft. Sclerotic bone is present along the length of the shafts of both the right and left tibia and fibulae resulting in a bark-like appearance to the bone in the case of the fibular lesions. Sclerotic bone is also observable at the lateral aspect of the left ulna and the medial aspect of the right radius. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Joint

SK 780 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity , marginal osteophytes	Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head and glenoid fossa
<i>Ribs</i>	Marginal osteophytes	1x Left Rib head
<i>Wrist</i>	Marginal osteophytes	Right distal ulna
<i>Hip</i>	Periarticular resorptive foci	Left and Right Acetabulum
<i>Knee</i>	Marginal osteophytes	Left and Right Femoral Condyles
<i>Foot</i>	Marginal osteophytes	Right Navicular

Osteochondritis Dissecans

Subchondral unifocal bone loss indicative of localised avascular necrosis is present at the superior surface of the right talus. The lesion is unilateral with no observable healing.

SK 780: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Enamel hypoplasia, caries, dental abscess, cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD
<i>Joint</i>	DJD, Osteoarthritis
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific: Reactive bone deposits
<i>Trauma</i>	Osteochondritis Dissecans

SK 781

Old Adult

Probable Male

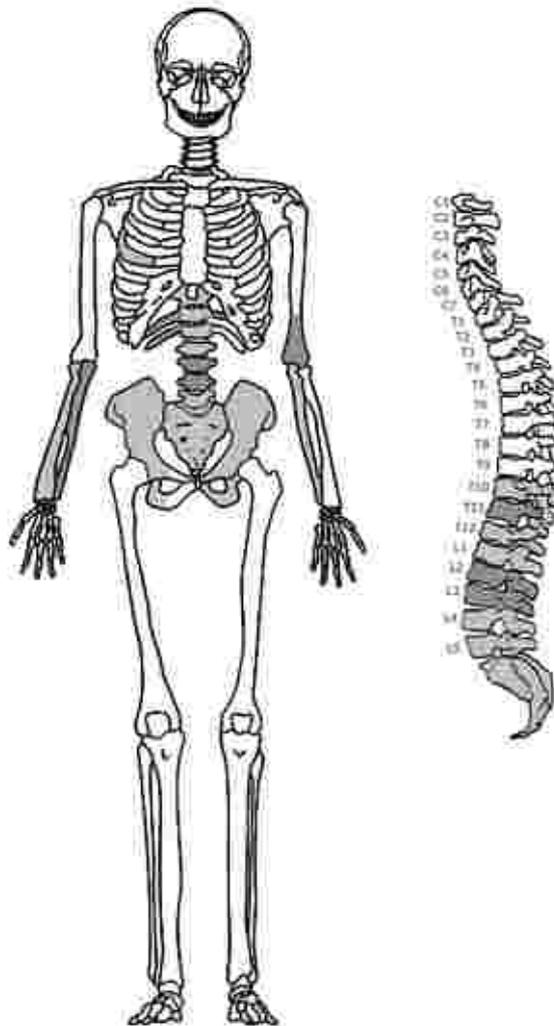
Burial Position and Details:

Plan No: 30C

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
T10	N/R	N/R	0	0	N/R			0	N/R	N/R		
T11	0	0	0	3, 4	4			4	3	0		
T12	0	0	N/R	N/R	3, 4			3, 4	N.R	3, 4		
L1	0	0	N/R	N/R				N/R	N/R			
L2	3	3	3	0				0	3			
L3	3	3	N/R	0				0	3			
L4	3	3	N/R	3				3	3			
L5	3	3	3	N.R				N/R	N/R			

SK 781: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD

SK 782

Adult

Probable Female: 149.5cm

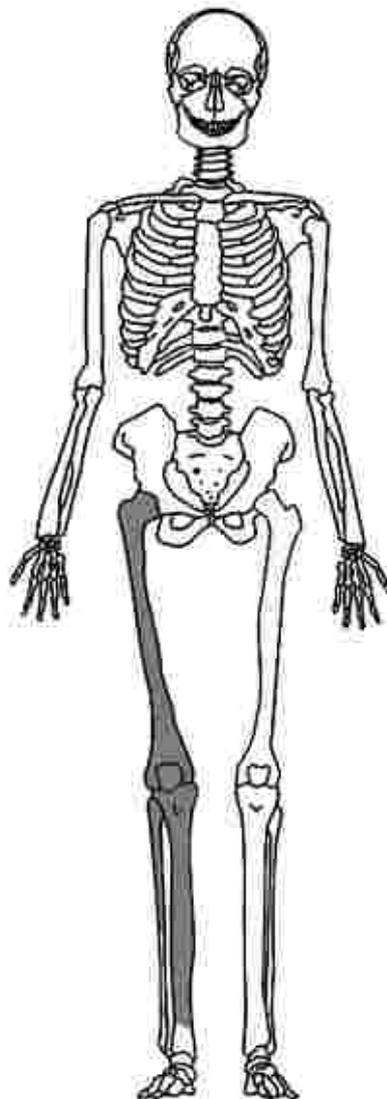
Burial Position and Details:

Plan No: 32E

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 782: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 783

Adult

Probable Female

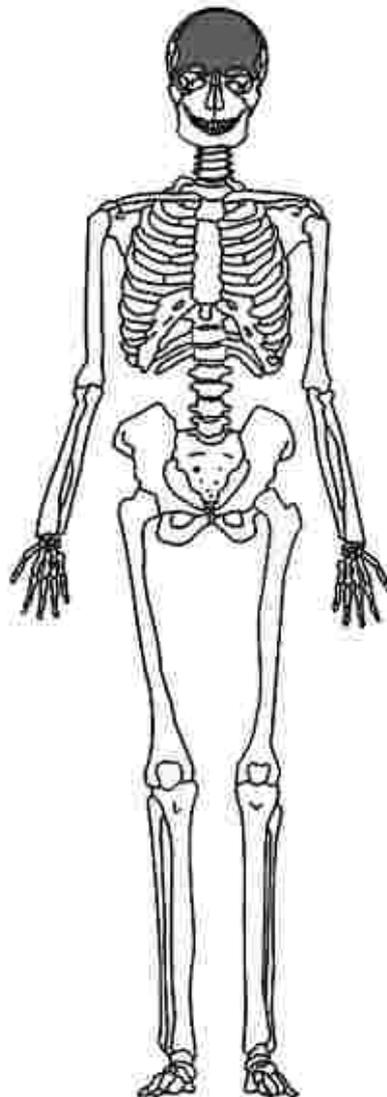
Burial Position and Details:

Plan No: 35C

Area No: 17

SW-NE orientation; simple, extended supine burial of poor completeness and good preservation. The skull was positioned facing north.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 783: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 785**Young Adult****Female: 163.7cm****Burial Position and Details:**

Plan No: 37

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing east. The left arm was extended with the right arm flexed at the elbow crossing the pelvis and the right hand positioned under the left arm. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	N/P	N/P	1	2	1	1	2	2	2	2	2	2	N/P	N/P	N/P
Period. Dis.	0	N/P	N/P	N/R	1	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	0
E.Hypoplasia	0	N/P	N/P	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Cyst	0	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	N/P	N/P	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P
Calculus	1	N/P	N/P	1	1	1	1	1	1	1	1	1	1	N/P	N/P	N/P
	1	N/P	N/P	1	1	1	1	1	1	1	1	1	1	4	4	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1
Calculus	1	1	1	1	2	2	2	2	2	2	N/R	N/P	1	1	1	1
Caries	0	2	2	0	0	0	0	0	0	0	N/R	N/P	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	N/R	N/P	0	0	0	0
Period. Dis.	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	2	2	1	1	1	1	2	2	2	N/R	N/P	1	2	1	1

Dental Disease

Antemortem Tooth Loss

SK 785 exhibits antemortem tooth loss of 2 maxillary molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries

Tooth 46: Medium sized carious lesion present on the buccal aspect at the neck and root of the tooth penetrating the pulp cavity; approx 50% of the tooth root has been eroded by this lesion

Tooth 47: Medium sized carious lesion present on the buccal aspect at the neck and root of the tooth penetrating the pulp cavity; approx 50% of the tooth root has been eroded by this lesion

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	N/R	N/R	N/R	N/R				N/R	N/R			
C2	0	0	0	0				0	0			
C3	0	4	0	0				0	0			
C4	4	0	3	0				0	0			
C5	0	4	0	0				0	0			
C6	4	0	N/R	N/R				0	N/R			
C7	0	0	N/R	N/R				N/R	N/R			
T1	Two unnumbered thoracic vertebrae present. No pathological lesions are evident.											
T2												
T3												
T4	0	0	0	0	N/R	N/R	0	0	0	0	0	0
T5	0	0	0	4	0	N/R	0	0	0	N/R	N/R	0
T6	N/R	N/R	0	0	N/R	N/R	0	0	0	0	0	0
T7	N/R	5	0	0	0	N/R	N/R	0	0	0	N/R	0
T8	0	0	0	0	0	N/R	0	0	0	0	0	0
T9	N/R	N/R	0	0	0	N/R	N/R	0	N/R	0	0	0
T10	N/R	0	0	0	0			0	0	0		
T11	N/R	N/R	0	0	4			0	0	0		
T12	0	0	0	3	0			0	0	4		
L1	0	0	3	4				3	0			
L2	3	0	3	3				3	4			
L3	3	0	0	4				0	4			
L4	5	0	3	4				3	4			
L5	N/R	3, 4	3	0				3	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7 and L4.

*Trauma**Parry Fracture*

A healed parry fracture is present at the mid-shaft of the right ulna. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. Malunion of this fracture has resulted in medial-anterior displacement of the fractured end of the affected bone.

Joint

SK 785 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left Mandibular condyle
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Right Costal Facet
<i>Elbow</i>	Marginal osteophytes	Right distal humerus and proximal ulna
<i>Hip</i>	Marginal osteophytes	Left and right Acetabulum

SK 785: Palaeopathological Summary and Differential Diagnoses

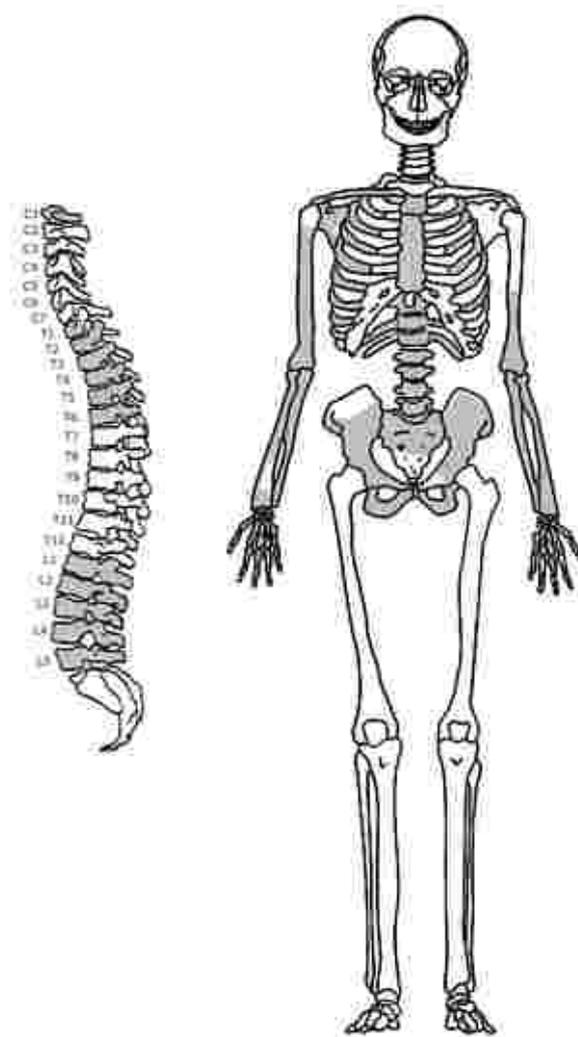
<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Trauma</i>	Parry fracture

SK 786**Middle Adult****Male****Burial Position and Details:**

Plan No: 35C

Area No: 17/22

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. Both arms were flexed at the elbow with the left arm crossing the ribs and the right arm crossing the pelvis. The left hand was positioned over the right ribs and the right hand was over the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Infection

Reactive Bone Formation

SK 786 exhibits a periosteal reactive lesion of an unsided rib fragment. Reactive bone deposits in the form of woven bone are present at the visceral surface of the affected rib body.

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5.

Cleft Neural Arch Defect

A cleft neural arch defect is present at the level of the first cervical vertebra (C1) indicating aplasia of the neural arch in life.

SK 786: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD
Infection Non-specific: Reactive bone deposits
Trauma Spondylolysis
Congenital Cleft neural arch defect

SK 787

Adult

Sex Not Recordable

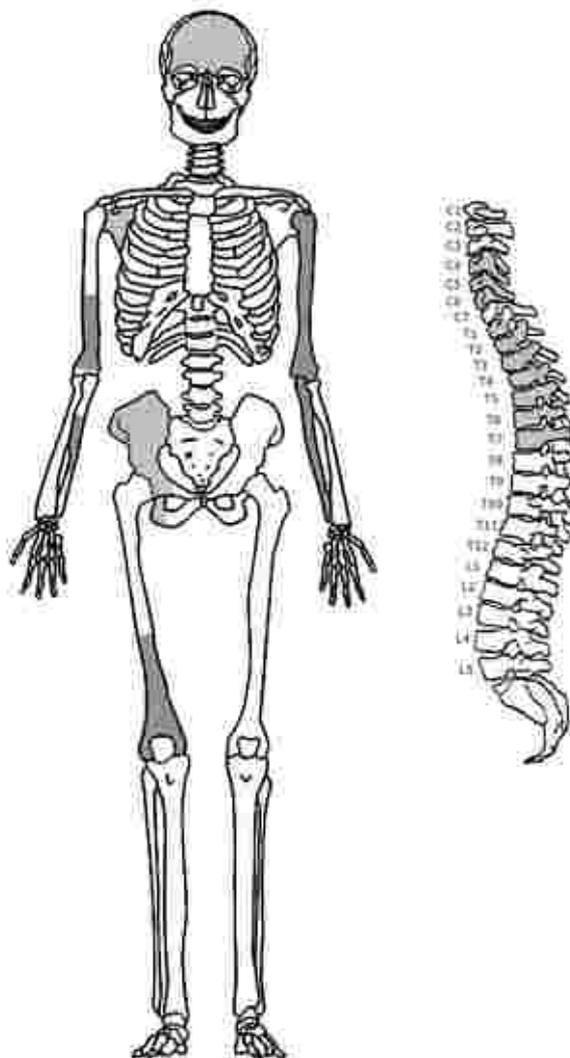
Burial Position and Details:

Plan No: 25F

Area No: Not specified

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Taphonomy: Animal gnawing marks were noted on the right femur and pelvis.

SK 787: Palaeopathological Summary and Differential Diagnoses

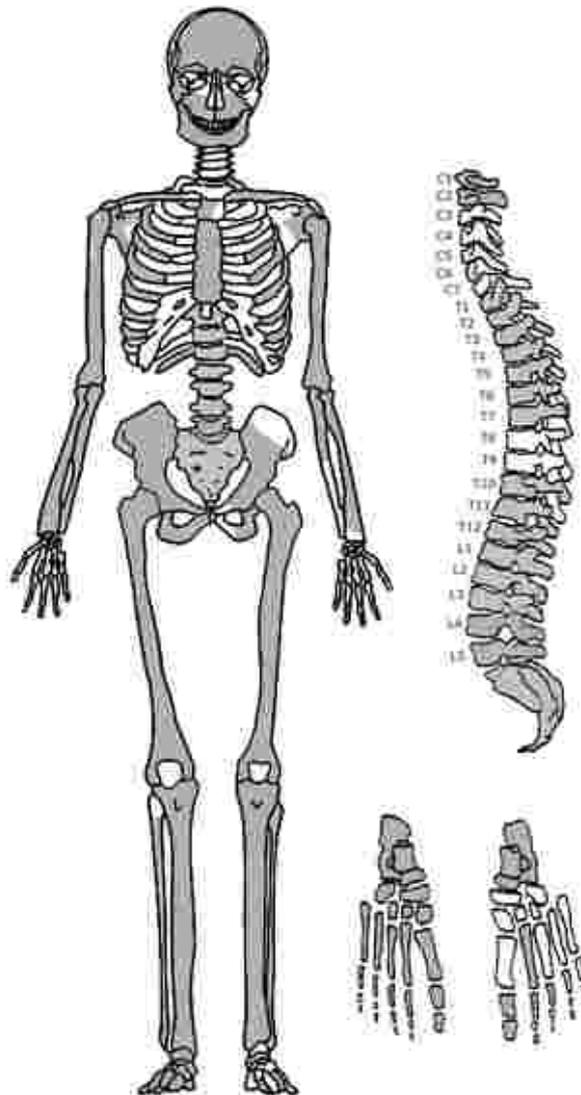
No pathological lesions were observed on the skeletal elements present for analysis.

SK 788**Middle Adult Female: 156cm****Burial Position and Details:**

Plan No: 37F

Area No: 21

Orientation not specified: simple, extended supine burial of good completeness and moderate preservation. The skull was positioned on the left side. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Dentition

Attrition	N/P	N/P	2	2	N/P	2	2	2	N/P	1	N/P	N/P	2	2	N/P	N/P
Period. Dis.	N/P	2	3	N/R	3	N/R	N/R	N/R	0	N/R	0	0	2	2	3	N/P
E.Hypoplasia	N/P	N/P	0	0	N/P	0	0	0	N/P	0	N/P	N/P	0	0	N/P	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/P	N/P	0	0	N/P	0	0	0	N/P	0	N/P	N/P	0	0	N/P	N/P
Calculus	N/P	N/P	1	1	N/P	1	1	1	N/P	1	N/P	N/P	1	2	N/P	N/P
	N/P	4	1	1	4	1	1	1	2	1	2	4	1	1	4	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	4	1	1	1	4	4	4	4	2	1	2	4	4	1
Calculus	N/P	N/P	N/P	1	1	1	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	1
Caries	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	0
Period. Dis.	0	0	0	3	1	N/R	0	0	0	0	0	1	0	0	0	3
Attrition	N/P	N/P	N/P	1	1	2	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	2

Dental Disease

Antemortem Tooth Loss

SK 788 exhibits extensive antemortem tooth loss of 4 mandibular incisors, 2 maxillary premolars and 7 molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites with the exception of Tooth 17 where only partial resorption of the tooth socket has occurred.

Cranial Pathology

Infection

Maxillary Sinusitis

SK 788 exhibits extensive periosteal reactive lesions within the right maxillary sinus indicative of chronic maxillary sinusitis. Reactive bone deposits in the form of sclerotic bone are present affecting greater than 2/3 of the sinus walls.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	3	0	0				0	0			
C2	3	0	0	0				0	0			
C3	0	3, 4	0	0				0	0			
C4	0	3, 4	0	0				0	0			
C5	0	3	0	0				0	0			
C7	4	0	0	0				0	0			
T1	0	0	0	0	N/R	N/R	N/R	0	0	3, 4	0	3, 4
T2	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T3	0	0	0	4	0	4	3	0	0	4	4	0
T4	0	0	N/R	N/R	0	4	N/R	N/R	N/R	0	0	N/R
T5	0	0	0	4	4	4	0	0	0	0	4	0
T6	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	5	N/R	N/R	4	4	N/R	N/R	N/R	0	4	N/R
T8	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T9	0	5	0	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T10	0	0	N/R	N/R	0			N/R	N/R	4		
T11	3	0	0	N/R	4			N/R	N/R	4		
T12	4	5	0	N/R	0			0	N/R	3, 4		
L1	0	5	N/R	N/R				0	N/R			
L2	3, 4, 5	5	0	N/R				0	N/R			
L3	3, 4	3, 5	0	0				N/R	N/R			
L4	3, 5	3	0	3				N/R	3			
L5	3	0	3	0				3	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T9, L1, L2, L3 and L4. Schmorl's nodes of moderate expression are present at the vertebral bodies of T12, L1 and L2.

Joint

SK 788 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left acromion process
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head and glenoid fossa
<i>Ribs</i>	Marginal osteophytes	2x Left Costal Facets
<i>Elbow</i>	Marginal osteophytes	Left proximal ulna
<i>Hip</i>	Marginal osteophytes, surface porosity	Left Acetabulum Right Acetabulum

SK 788: Palaeopathological Summary and Differential Diagnoses

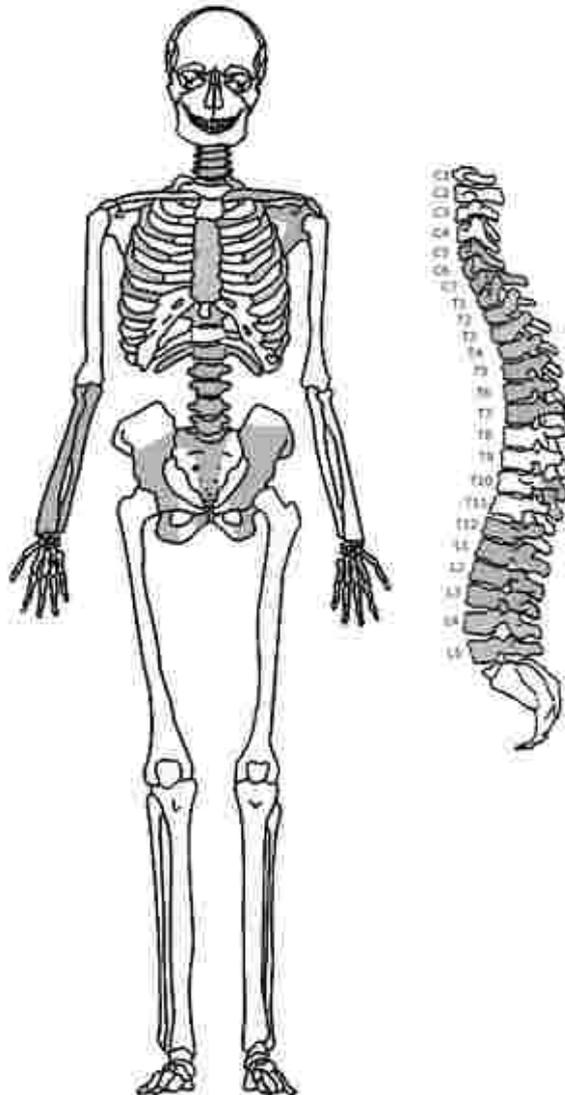
<i>Dental</i>	Antemortem tooth loss, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Infection</i>	Maxillary sinusitis

SK 789**Young Adult****Female****Burial Position and Details:**

Plan No: Not specified

Area No: 21

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The left arm was flexed at the elbow crossing the chest with the right arm extended and the left hand positioned over the chest region.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 789 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets Left and Right 12 th Rib head 3x Right Costal Facets

SK 789: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 790

Middle Adult

Female: 150.7cm

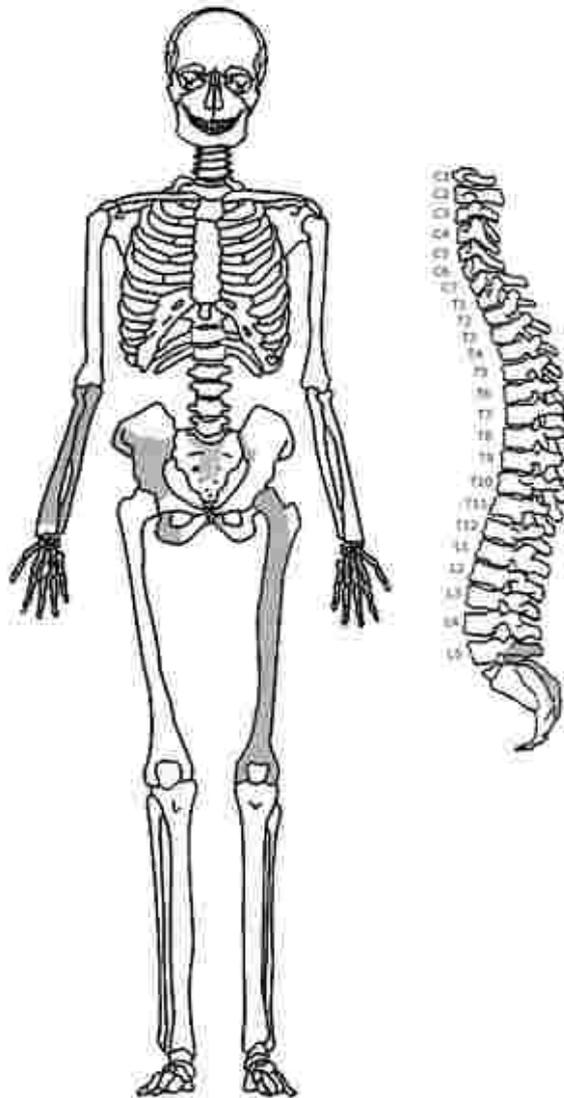
Burial Position and Details:

Plan No: Not specified

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%
 Approximate Fragmentation: 50-75%
 Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Joint

SK 790 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Marginal osteophytes	Left MC1 and 1 st proximal phalanx
<i>Hip</i>	Surface porosity	Left Femoral Head

Trauma

Spondylolysis

Spondylolysis is exhibited at the left pars interarticularis of L5; unable to assess if this defect is uni- or bilateral in expression due to post-mortem damage.

SK 790: Palaeopathological Summary and Differential Diagnoses

Joint DJD
Trauma Spondylolysis

SK 791

Young Adult

Female

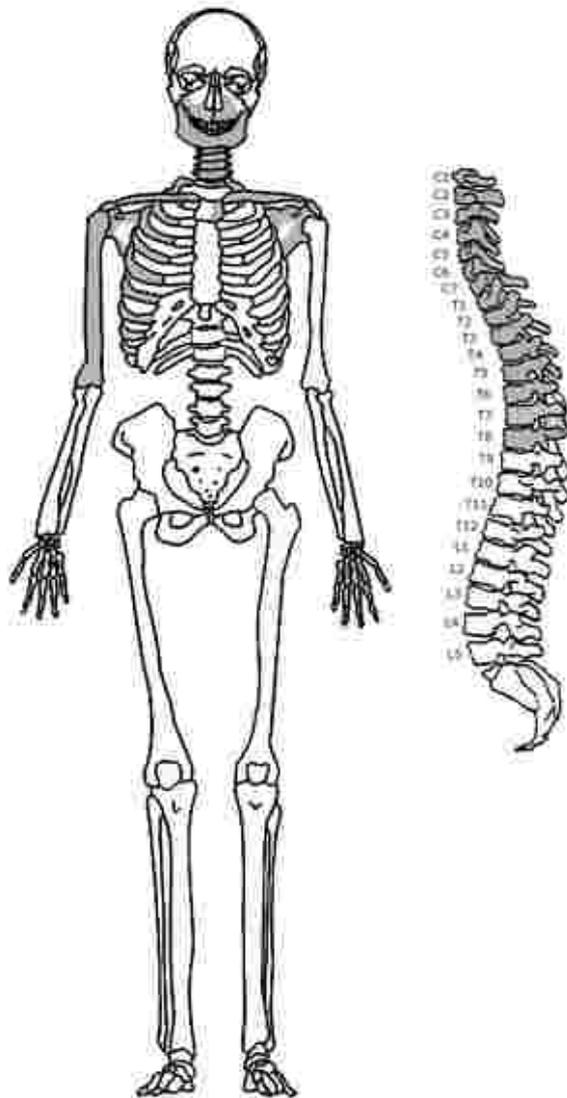
Burial Position and Details:

Plan No: Not specified

Area No: 21

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The skull was positioned on the left side.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 791 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Right Costal Facets

SK 791: Palaeopathological Summary and Differential Diagnoses

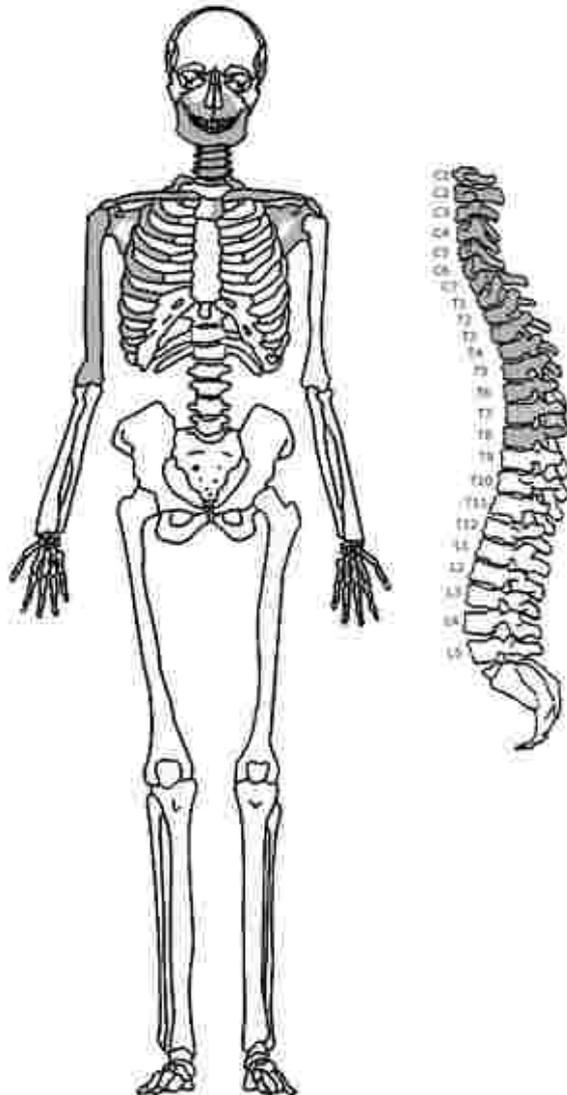
Joint DJD

SK 792**Middle Adult****Female: 162.6cm****Burial Position and Details:**

Plan No: 32E

Area No: 20

SW-NE orientation; simple, extended supine burial of good completeness and moderate preservation. SK792 was found in association with the find F89: a quartz piece recovered from the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T5	N/R	3, 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R
T6	0	3, 4	0	0	0	0	0	0	0	0	0	N/R
T7	3	3	0	0	0	4	0	0	0	0	N/4	0
T8	0	0	N/R	N/R	0	4	N/R	0	N/R	N/R	N/R	N/R
T9	0	0	N/R	N/R	0	4	N/R	N/R	N/R	0	4	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	3	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	3	3	0	0				0	0			
L4	3	3	0	0				3	0			
L5	3	0	0	0				0	0			
L6	0	0	3	0				3	0			

Infection

Reactive Bone Formation

SK 792 exhibits periosteal reactive lesions of the left tibia and fibula. Extensively remodelled reactive bone deposits in the form of sclerotic bone are present along the distal shaft of the affected bones resulting in a thickened diaphysis. Sclerosis of these lesions indicates healing took place before the time of death.

Trauma

Musculo-Skeletal Stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the distal portion of the linea aspera of the posterior right femur.

Joint

SK792 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left Costal Facet 1x Right Costal Facet
<i>Wrist</i>	Marginal osteophytes	Left hamate
<i>Hand</i>	Eburnation, surface porosity	Right distal ulna, MC4 and MC5 Left MC3, MC4, MC5
<i>Hip</i>	Marginal osteophytes	Left and Right Acetabulum

SK 792: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Degenerative disc disease, DJD
<i>Joint</i>	Osteoarthritis, DJD
<i>Infection</i>	Non-specific: Reactive bone deposits
<i>Trauma</i>	Musculo-Skeletal Stress

SK 794

Young Adult

Female: 151.4cm

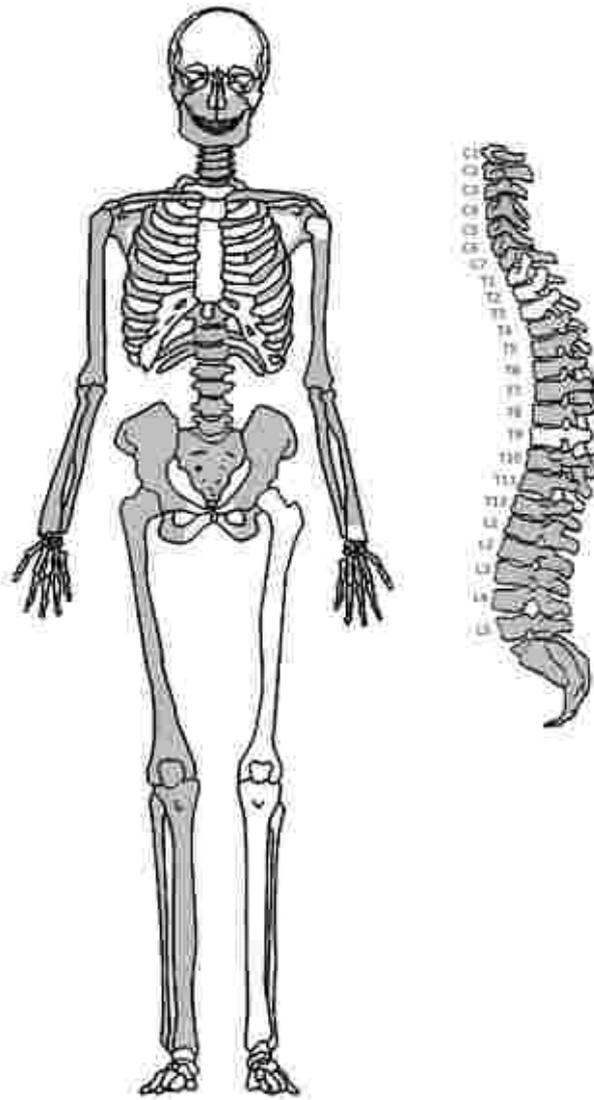
Burial Position and Details:

Plan No: 30D

Area No: 16/21

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned facing south. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Taphonomy: The cranium and mandible are affected by oxidisation

Dentition

Attrition	0	0	1	0	0	N/P	N/P	1	0	0	N/P	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
E.Hypoplasia	0	0	0	0	0	N/P	N/P	0	0	0	N/P	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/P	N/P	0	0	0	N/P	0	0	0	0	0
Calculus	1	1	1	1	0	N/P	N/P	1	1	1	N/P	1	1	1	0	0
	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
Calculus	1	1	1	1	1	2	2	2	1	1	N/P	1	1	1	1	0
Caries	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	N/R	0	0	2	0	0
Attrition	0	0	1	0	0	0	1	1	1	0	N/P	0	0	1	0	0

*Dental Disease**Cyst/ Abscess*

Tooth 48: Cyst present on superior aspect of alveolar bone, posterior to Tooth 48

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18 is significantly underdeveloped and is peg-shaped.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 3 (large and small isolated foramina) CO is exhibited in the antero-intermediate, antero-lateral, middle-lateral and middle-intermediate sector of the left orbital roof.

SK 794: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, periodontal disease, peg-shaped molar, dental cyst/ abscess
Metabolic CO

SK 795

Young Adult

Female

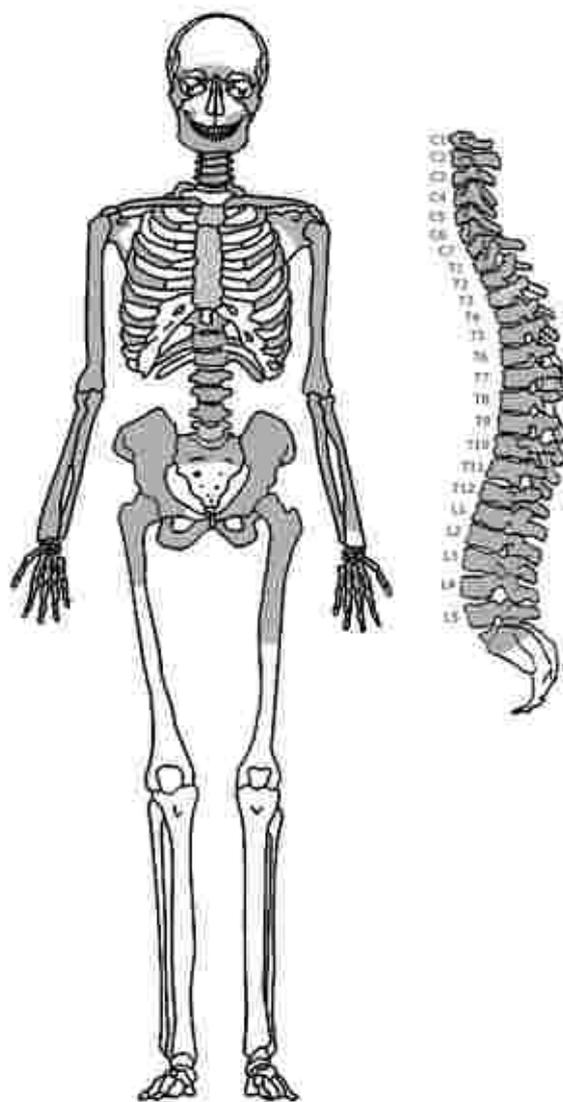
Burial Position and Details:

Plan No: 38

Area No: 17

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The left hand was positioned over the pelvic region and the right hand was by the side of the body. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	1	1	N/P	N/P	1	N/P	2	N/P	N/P	N/P	N/P	1	1	2	1	N/P
Period. Dis.	1	1	N/R	N/P	N/R	1	1	1	1	1						
E.Hypoplasia	0	0	N/P	N/P	0	N/P	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P
Cyst	0	0	0	N/P	0	0	0	0	0	0						
Abscess	0	0	0	N/P	0	0	0	0	0	0						
Caries	0	0	N/P	N/P	0	N/P	0	N/P	N/P	N/P	N/P	0	0	0	0	N/P
Calculus	1	1	N/P	N/P	1	N/P	1	N/P	N/P	N/P	N/P	1	1	1	1	N/P
	1	1	2	N/P	1	N/P	1	N/P	N/P	N/P	2	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	1	1	1	1	N/R	1	1	1	1	1						
Attrition	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1

*Dental Disease**Congenital Abnormalities of the Teeth/ Jaws*

Tooth 12 exhibits an accessory medial rootlet whilst Tooth 47 exhibits an accessory buccal rootlet.

Cranial Pathology*Metabolic**Cribriform Orbitalia (CO)*

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate sector of the left orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	4	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	0	0	0	0	4	4	0
T2	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T3	0	0	N/R	N/R	N/R	0	N/R	0	N/R	0	0	N/R
T4	0	0	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T5	0	0	0	0	N/R	N/R	N/R	0	0	0	N/R	N/R
T6	0	3	0	0	0	0	N/R	0	0	0	N/R	N/R
T7	3	3, 4	0	0	0	4	N/R	0	0	0	4	N/R
T8	3	3	0	0	0	0	N/R	0	0	0	0	N/R
T9	0	0	0	0	0	0	4	0	0	0	0	0
T10	0	0	0	0	4			0	0	0		
T11	0	5	0	0	0			0	0	0		
T12	5	3, 4, 5	0	0	0			0	0	4		
L1	3	3, 4	0	0				0	0			
L2	3, 5	5	0	N/R				0	N/R			
L3	3	0	0	0				0	N/R			
L4	0	0	0	N/R				0	N/R			
L5	0	0	0	3, 4				0	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T10, T11, T12 and L2.

SK 795: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition, accessory incisory and molar rootlets
Vertebral Schmorl's nodes, DJD
Metabolic CO
Congenital Accessory tooth rootlets

SK 797

Middle Adult

Male: 166.4cm

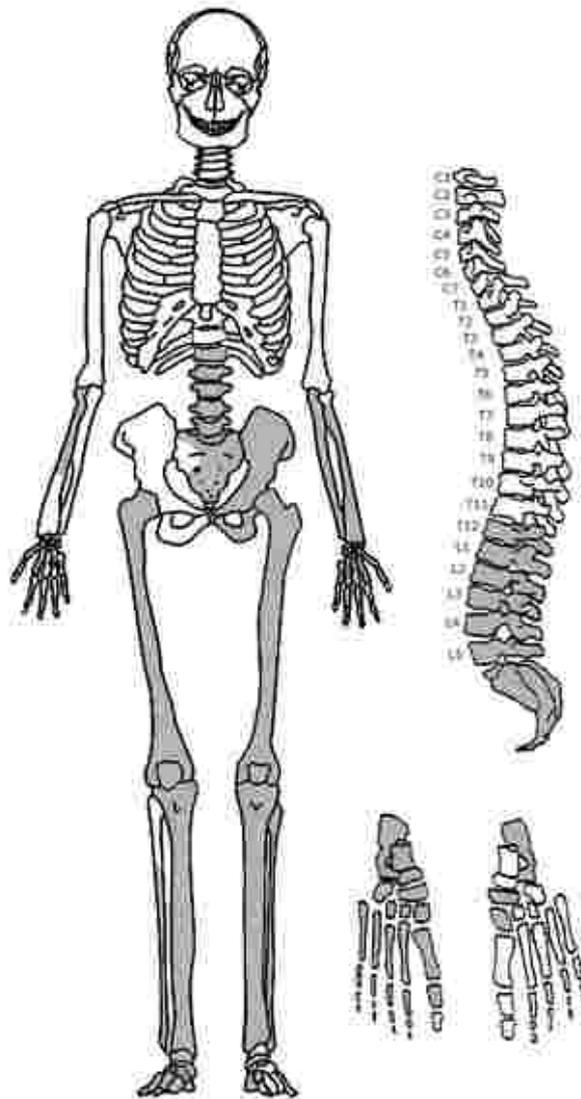
Burial Position and Details:

Plan No: 35D

Area No: 17

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The hands were positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T12	4, 5	4	N/R	N/R	0			0	0	0		
L1	N/R	4	0	0				0	0			
L2	N/R	N/R	0	0				0	0			
L3	N/R	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	N/R	N/R	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of marked expression is present at the vertebral body of T12.

Trauma

Fractures: Possible Non-union Greenstick

A possible non-union greenstick fracture is present along the length of the shaft of the left MC5. The fracture has significantly altered the original morphology of the bone shaft so that the diaphysis appears to be split in two. Healing in the form of sclerotic callus bone formation is observable on the anterior aspect of the bone shaft. This fracture has resulted in probable necrosis of one portion of original diaphysis whilst the second portion appears displaced towards the palmar aspect. Secondary DJD is also observable at the affected metacarpophalangeal joint in the form of sharp ridge lipping (marginal osteophytes) and surface porosity. Probable secondary myositis ossificans traumatica is also present in the form of vertical enthesophyte formation at the medial-palmar aspect of the bone shaft.

A second fracture of unknown type is present at the distal shaft of the right MC2. Extensive healing in the form of sclerotic bone formation is also evident and has resulted in a thickened diaphysis at the fracture site. There is no observable shortening of the bone shaft in comparison to the opposing left metacarpal. This fracture has resulted in secondary traumatic arthritis at the head of the affected metacarpal in the form of surface porosity and marginal osteophyte formation.

SK 797: Palaeopathological Summary and Differential Diagnoses

Joint Secondary traumatic DJD
Infection Non-specific: Reactive bone deposits
Trauma Fractures, Musculo-Skeletal Stress

SK 799

Middle Adult Male

Burial Position and Details:

Plan No: 35

Area No: 16/17

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	2	3	1	1	2	N/P	N/P	N/P	N/P	N/R	1	2	N/P	2	2
Period. Dis.	2	2	3	0	0	3	0	0	0	0	0	2	2	N/R	1	1
E.Hypoplasia	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/R	0	0	N/P	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Caries	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/R	0	0	N/P	1	0
Calculus	1	1	0	1	1	1	N/P	N/P	N/P	N/P	N/R	1	1	N/P	1	1
	1	1	1	1	1	1	4	2	2	2	3	1	1	4	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
Calculus	N/P	1	1	2	1	1	2	2	2	2	2	1	1	1	1	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	0	2	2	1	1	1	3	3	3	3	1	1	1	2	2	1
Attrition	N/P	2	2	2	2	2	2	2	2	2	2	2	2	2	2	N/P

*Dental Disease**Antemortem Tooth Loss*

SK799 exhibits antemortem tooth loss of 3 molars. Complete secondary resorption of the alveolar process has occurred at the tooth site of Tooth 48 whilst only partial resorption of the tooth socket has occurred at Tooth 26 and 38.

Caries, Abscess

Tooth 26: Abscess at tooth socket resulting in antemortem tooth loss

Tooth 27: Small carious lesion present at the medial aspect of the neck of tooth 27

Tooth 38: Possible site of abscess resulting in antemortem tooth loss; associated periosteal reaction exhibited on posterior body of mandible adjacent to the mylohyoid line; this is a mixed reaction and appears to be in the process of healing at time of death.

Cranial Pathology

Metabolic

Cribrra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate and antero-medial sector of the left and right orbital roofs.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	4	4	0				0	0			
C4	0	0	4	0				0	0			
C5	0	4	0	N/R				0	0			
C6	4	4	N/R	0				0	0			
C7	4	4	0	0				0	0			
T1	0	0	4	0	0	0	4	0	0	4	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	4	3	4	0	0	3	0	4	4	0
T6	4	0	3	0	0	0	4	0	0	0	0	0
T7	5	0	0	0	0	0	0	0	0	0	0	0
T8	5	5	0	0	0	0	N/R	0	0	0	0	0
T9	0	0	0	3	0	0	0	0	0	0	0	0
T10	0	0	0	3, 4	4			0	0	4		
T11	0	3	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L3	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of T7 and T8. A Schmorl's node of mild expression is present at the vertebral body of T8.

SK 799: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental abscess, periodontal disease, calculus, dental attrition
Vertebral Schmorl's nodes, Degenerative disc disease, DJD
Metabolic CO

SK 800

Young Adult Probable Male

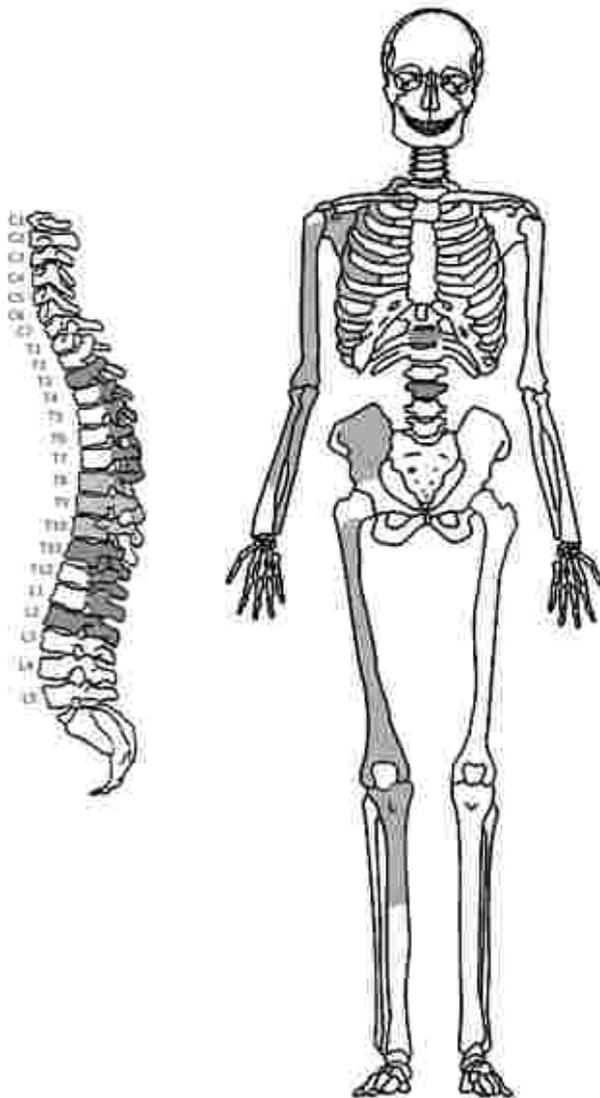
Burial Position and Details:

Plan No: 37A

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The right arm was flexed at the elbow. The right leg was extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	The remaining vertebrae cannot be accurately numbered. No pathological lesions are evident.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11	N/R	N/R	0	0	N/R		0	0	0			
T12	N/R	N/R	0	0	N/R		0	0	0			
L1	N/R	N/R	N/R	0			N/R	0				
L2	0	5	0	0			0	0				

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L2.

SK 800: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node

SK 801	Young Adult	Female: 156.8cm
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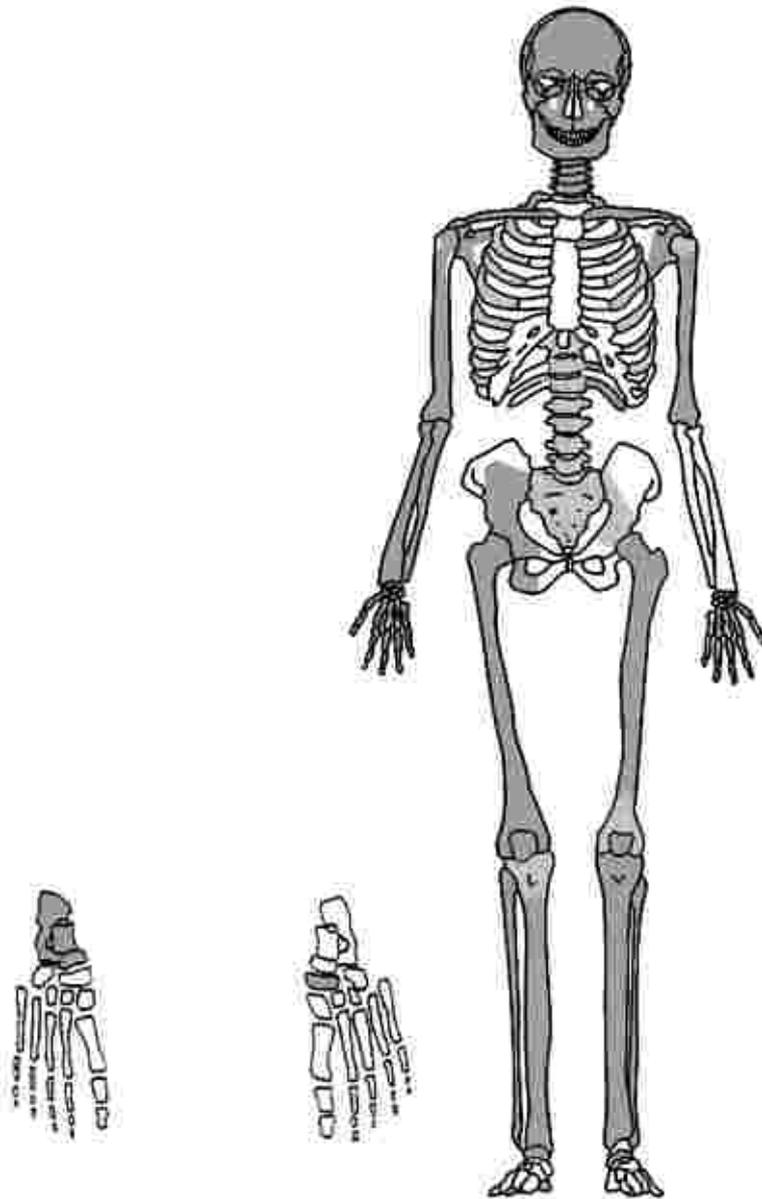
Burial Position and Details:

Plan No: 30

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	3	1	1	1	1	2	2	2	1	1	2	3	1	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Calculus	N/P	1	2	1	1	0	0	0	0	0	0	1	1	1	1	N/P	
		2	1	1	1	1	1	1	1	1	1	1	1	1	1	N/R	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
Calculus	N/P	1	1	2	1	1	2	2	1	1	1	1	1	1	1	N/P	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Attrition	N/P	1	2	1	1	3	2	3	3	3	2	1	1	2	1	N/P	

Cranial Pathology

Trauma

Blunt-force trauma

Two healed depression fractures are present both at the left frontal at the mid-line and posterior to the left frontal boss respectively. The first lesion is circular in shape measuring 30.06mm anterior-posterior and 26.06mm medial-lateral. The second lesion is circular in shape and measures 4.79mm anterior-posterior and 7.35mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the both fracture sites.

SK 801: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Trauma Cranial blunt-force trauma

SK 803**Young Adult****Male: 167.3cm****Burial Position and Details:**

Plan No: 30H

Area No: 12

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	0	1	1	1	1	1	1	1	N/P	N/P	1	1	1	1	1	1	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/P
Calculus	1	1	1	1	1	1	1	1	N/P	N/P	1	1	1	1	1	1	N/P
	1	1	1	1	1	1	1	2		2	1	1	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	2	2	2		2	2	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Attrition	0	1	1	1	0	1	1	1		1	1	1	0	1	1	1	0

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	N/R	N/R	0	0				N/R	N/R			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	0	N/R	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	4	0	0	0	N/R	0	0	0	N/R
T5	0	0	0	0	0	0	0	0	0	0	0	N/R
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	N/R	0	N/R	0	N/R	N/R
T8	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T9	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	N/R	0	N/R	N/R	N/R			N/R	N/R	N/R		
L1	0	0	0	0				0	0			
L2	5	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of L2.

SK 803: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Vertebral Schmorl's node

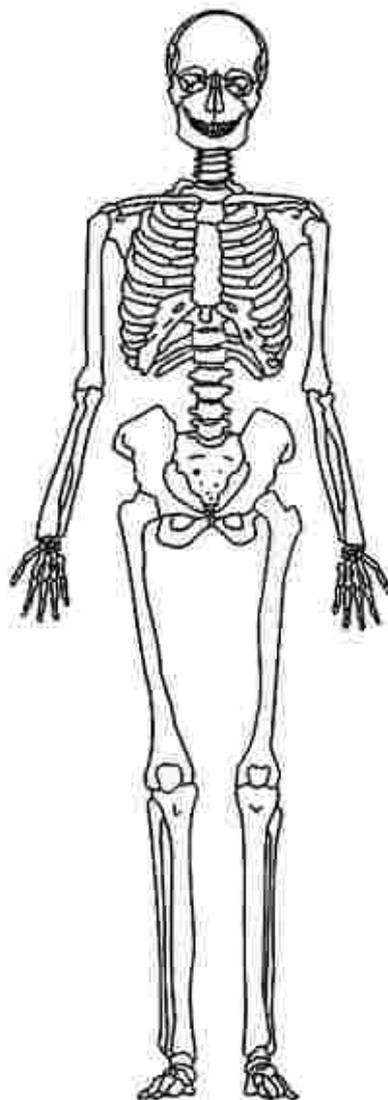
SK 804**Adult****Sex Not Recordable****Burial Position and Details:**

Plan No: 30G

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 804: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 805

Adult

Sex Not Recordable

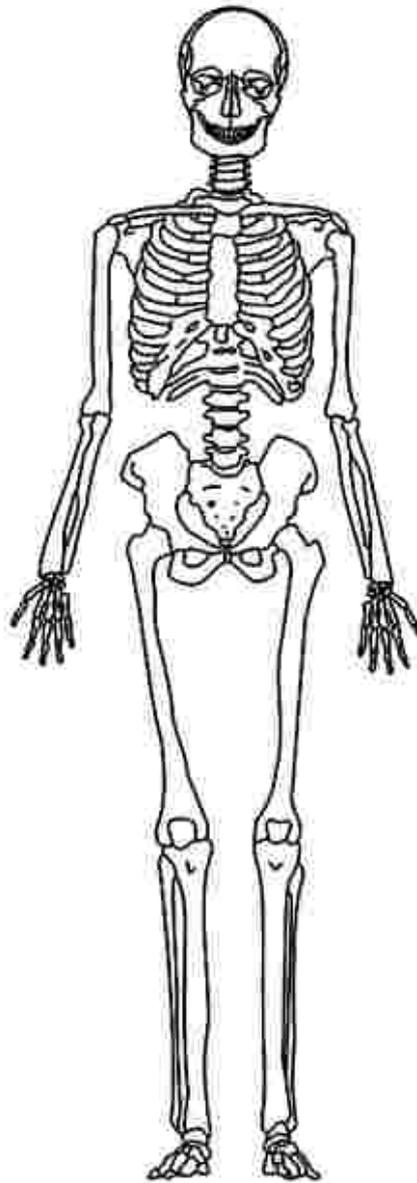
Burial Position and Details:

Plan No: 30G

Area No: 12

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 805: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 806

Young Adult

Probable Male: 154.7cm

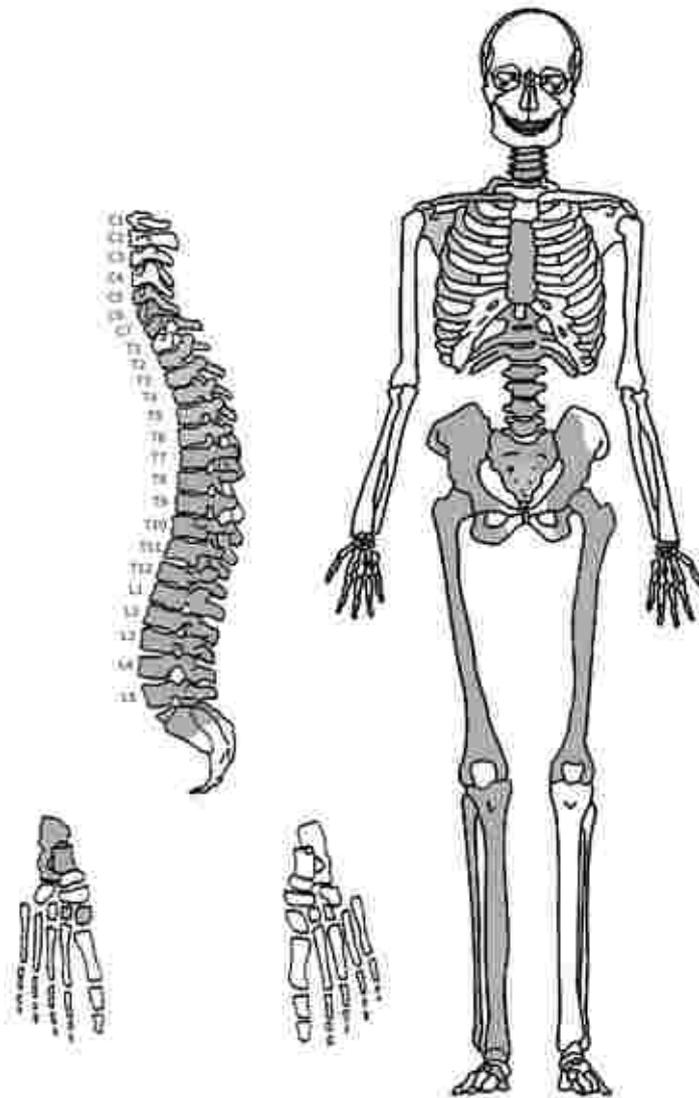
Burial Position and Details:

Plan No: 30G

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 806 exhibits periosteal reactive lesions of a number of right ribs. Reactive bone deposits in the form of woven bone are present at the visceral surface of the 2nd, 3rd and 4th ribs. A second lesion of woven bone is also observable on the pleural surface of the 4th right rib.

SK 806: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 809

Middle Adult Male

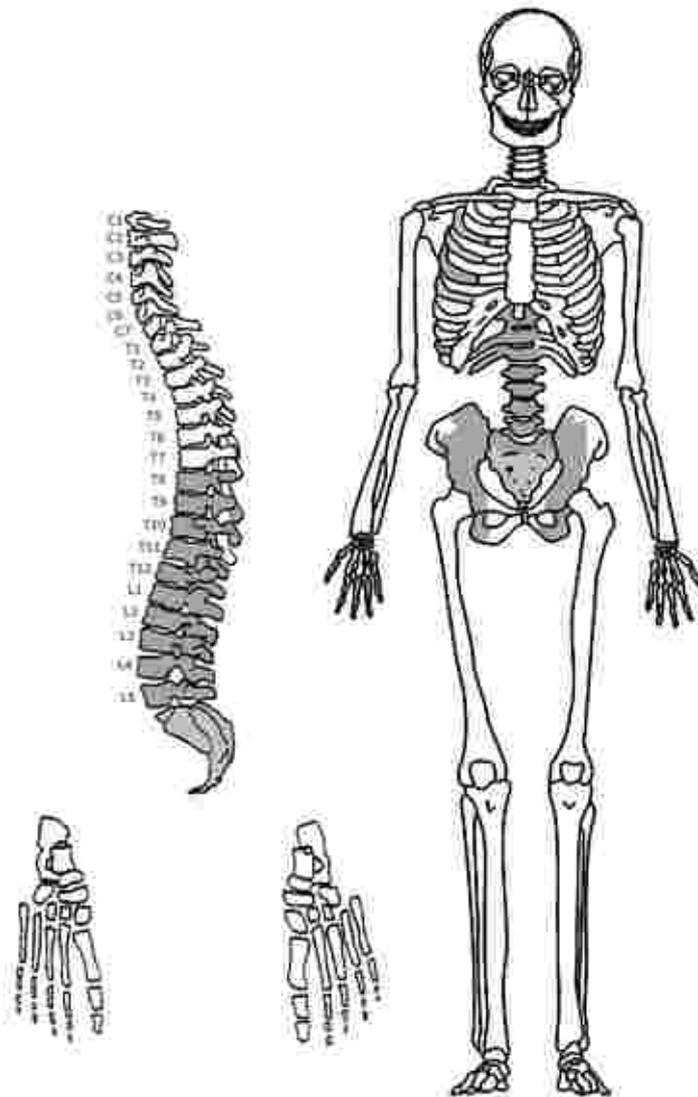
Burial Position and Details:

Plan No: Not specified

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T8	0	0	0	N/R	0	0	N/R	0	N/R	0	N/R	N/R
T9	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T10	0	0	0	0	0			0	3	0		
T11	0	0	0	0	0			0	0	0		
T12	5	0	0	0	3			0	0	3		
L1	5	3 + 5	N/R	0				0	0			
L2	3	5	0	0				0	0			
L3	5	5	3	0				3	0			
L4	3, 4 + 5	4 + 5	3	0				N/R	N/R			
L5	N/R	N/R	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of L1, L2, L3 and L4.

Joint

SK 809 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Right rib head 3x Right Costal Facets

SK 809: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral Osteochondrosis
Joint DJD

SK 810

Adult

Probable Male

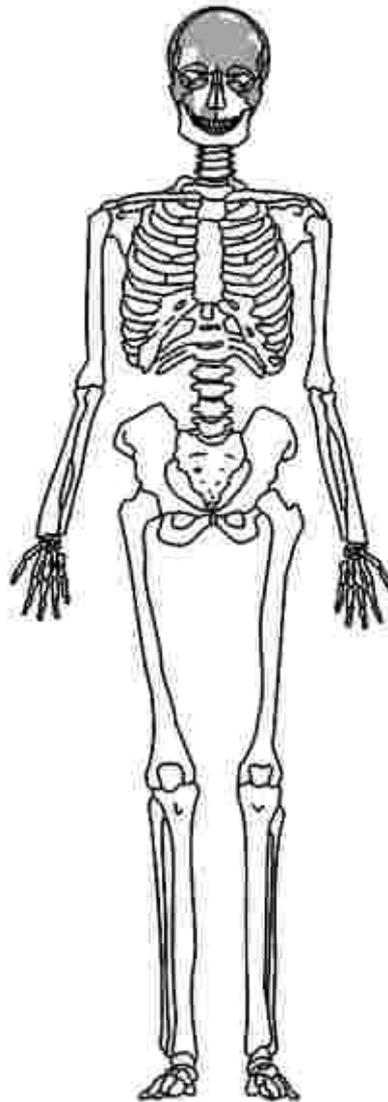
Burial Position and Details:

Plan No: 30E

Area No: 16

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. SK810 was found in association with the find F95: a quartz piece recovered from behind the skull.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/R	N/R	2	0	0	N/R	N/R										
Period. Dis.	0	0	0	0	0	0	0	0	N/R	N/R							
E.Hypoplasia	N/R	N/R	1	0	0	N/R	N/R										
Cyst	0	0	0	0	0	0	0	0	N/R	N/R							
Abscess	0	0	0	0	0	0	0	0	N/R	N/R							
Caries	N/R	N/R	0	0	0	N/R	N/R										
Calculus	N/R	N/R	1	0	0	N/R	N/R										
	2	2	1	1	1	2	2	2	2	N/R	N/R						
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P																

Dental Disease

Enamel Hypoplasia

Tooth 16: 1 hypoplastic groove present; 1.66mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate sector of the left orbital roof.

Trauma

Sharp-force trauma

A sharp-force weapon wound is present adjacent to the mid-line of the left frontal. The lesion is linear in shape measuring 26.56mm anterior-posterior (the medial-lateral width is not discernible due to post-mortem damage). Extensive healing is observable in the form of sclerotic callus bone at the fracture site. Post-mortem damage has obscured part of the edge of the lesion.

SK 810: Palaeopathological Summary and Differential Diagnoses

Dental Enamel hypoplasia, calculus, dental attrition
Metabolic CO
Trauma Sharp-force cranial trauma

SK 811

Young Adult Female

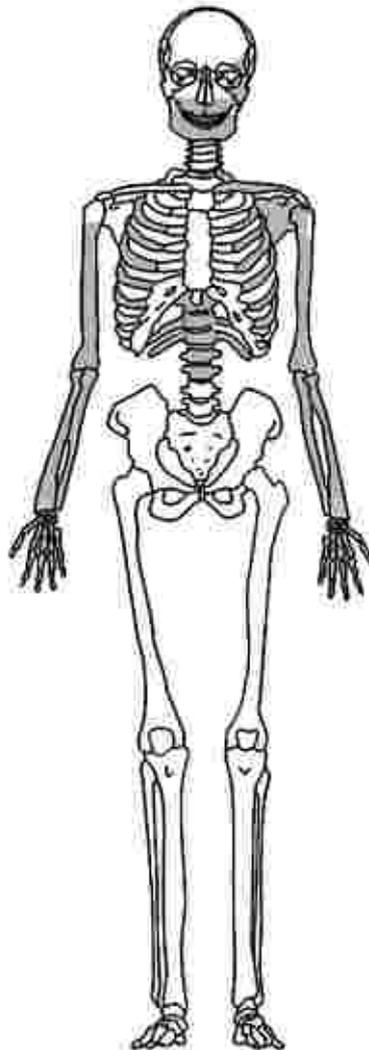
Burial Position and Details:

Plan No: 37G

Area No: 21

SE-NW orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the chest with the hands positioned over the chest region. SK811 was found in association with the find F96: a quartz piece.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	N/P	N/P	1	1	1	N/P	2	2	1	N/P	1	2	N/P	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0		N/P	
E.Hypoplasia	N/P	0	N/P	N/P	0	0	0	N/P	0	0	0	N/P	0	0	N/P	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0		N/P	
Abscess	N/P	0	0	1	0	0	0	0	0	0	0	0	0	0		N/P	
Caries	N/P	0	N/P	N/P	0	0	0	N/P	0	0	0	N/P	0	1	N/P	N/P	
Calculus	N/P	2	N/P	N/P	1	1	1	N/P	1	1	1	N/P	1	2	N/P	N/P	
		8	1	2	4?	1	1	1	2	1	1	1	4	1	1	2	8
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		8	1	1	1	1	1	2	2	2	1	1	2	1	1	1	4
Calculus	N/P	1	2	1	1	2	N/P	N/P	N/P	2	1	N/P	1	0	1	N/P	
Caries	N/P	1	0	0	0	0	N/P	N/P	N/P	0	0	N/P	0	0	2	N/P	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	N/P	N/P	N/P	0	0	N/P	0	0	0	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	
Attrition	N/P	0	2	1	1	1	N/P	N/P	N/P	1	1	N/P	1	2	0	N/P	

Dental Disease

Antemortem Tooth Loss

SK 811 exhibits antemortem tooth loss of a maxillary premolar and a mandibular 3rd molar. Only partial secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries, Abscess/ Cyst

Tooth 15: Abscess present at apex of tooth socket with associated circumferential periosteal reaction at boundary of lesion on the anterior aspect of the maxilla; becoming sclerotic (mixed reaction); healing is possibly an indication that Tooth 15 was lost antemortem however this cannot be confirmed.

Tooth 26: Small carious lesion present on the mesial aspect of the neck of the tooth

Tooth 37: Medium-sized carious lesion present on the distal aspect of the neck of the tooth

Tooth 47: Small carious lesion present on the distal aspect of the neck of the tooth

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18, 28 and 48 are missing congenitally.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T5	3	3	4	4	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T6	3	3	4	0	4	4	N/R	0	0	4	4	N/R
T7	3	0	4	0	4	4	N/R	4	0	4	4	N/R
T8	0	0	0	0	0	0	0	4	0	0	0	0
T9	0	0	0	0	0	4	0	0	0	0	4	N/R
T10	0	0	0	0	4			0	4	4		
T11	0	0	0	0	4			0	4	4		
T12	3	0	N/R	N/R	0			N/R	N/R	N/R		
L1	0	0	0	N/R				0	0			
L2	0	0	0	N/R				0	0			

Trauma

Compression Fracture

A compression fracture is present at vertebral body of T12 resulting in an anterior wedge-shaped appearance. The fracture line is still evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in secondary angular kyphosis of the spine.

SK 811: Palaeopathological Summary and Differential Diagnoses

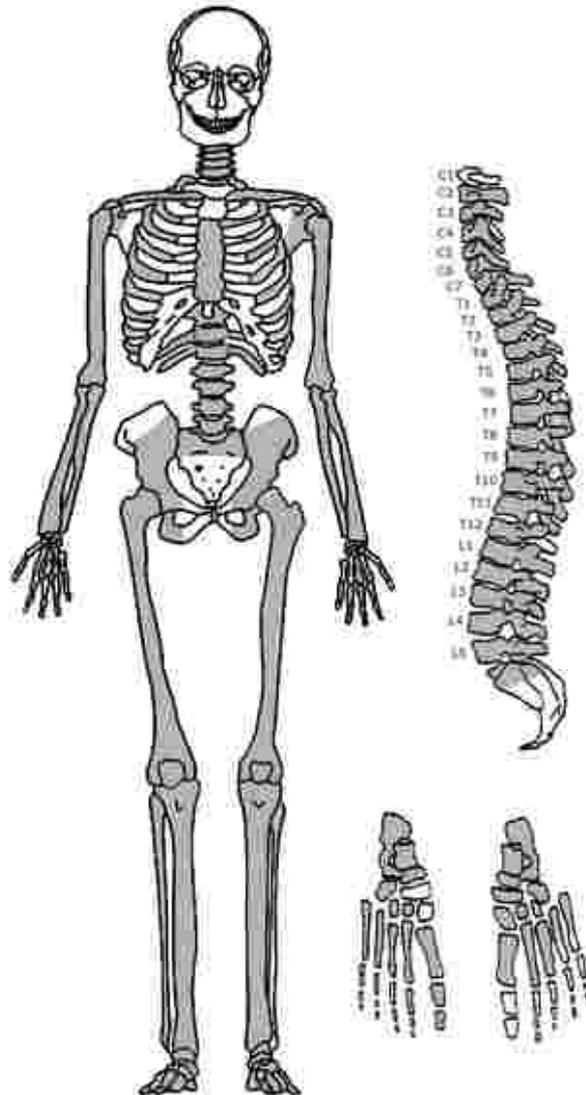
Dental Antemortem tooth loss, caries, dental abscess, periodontal disease, calculus, dental attrition, absent 3rd molars
Vertebral Intervertebral osteochondrosis, DJD, Vertebral compression fracture, Secondary kyphosis

SK 812**Young Adult****Female: 156.4cm****Burial Position and Details:**

Plan No: 37E

Area No: 21

W-E orientation; simple, extended burial on the right side of good completeness and moderate preservation. The right arm was extended with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T2	0	0	4	4	0	0	0	3, 4	4	0	N/R	0
T3	0	0	4	3, 4	0	0	3	4	4	N/R	N/R	N/R
T4	0	0	3, 4	3, 4	0	0	0	0	4	N/R	N/R	0
T5	0	0	3, 4	0	0	0	0	0	4	0	N/R	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	4	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	3	0	4	0	0			4	0	0		
T12	0	0	0	3	4			0	0	0		
I 1	3, 5	0	0	0				0	0			
I 2	3, 5	0	3	0				0	0			
L3	5	4	0	0				0	0			
L4	3, 5	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of L1, L2, L3 and L4.

Trauma

Fracture

A fracture is present at distal diaphysis of the left ulna. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable resulting in a thickened diaphysis at the fracture site. This fracture has resulted in secondary shortening of the affected ulnar shaft by 10mm in comparison to the opposing right ulna.

*Miscellaneous Pathology**Ossified Biological Object*

An unidentified biological object was recovered from the left ribs. The object appears to be composed of sclerotic bone with surface porosity and small spicules of bone perpendicular to the surface. The object is irregular in shape, is hollow and has a smooth internal surface. The aetiology of this bone formation is unclear but may be a portion of ossified costal cartilage or an underlying pulmonary infection.

SK 812 Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes, DJD
<i>Trauma</i>	Fracture
<i>Miscellaneous</i>	Ossified biological object

SK 813

Young Adult

Male: 177.6cm

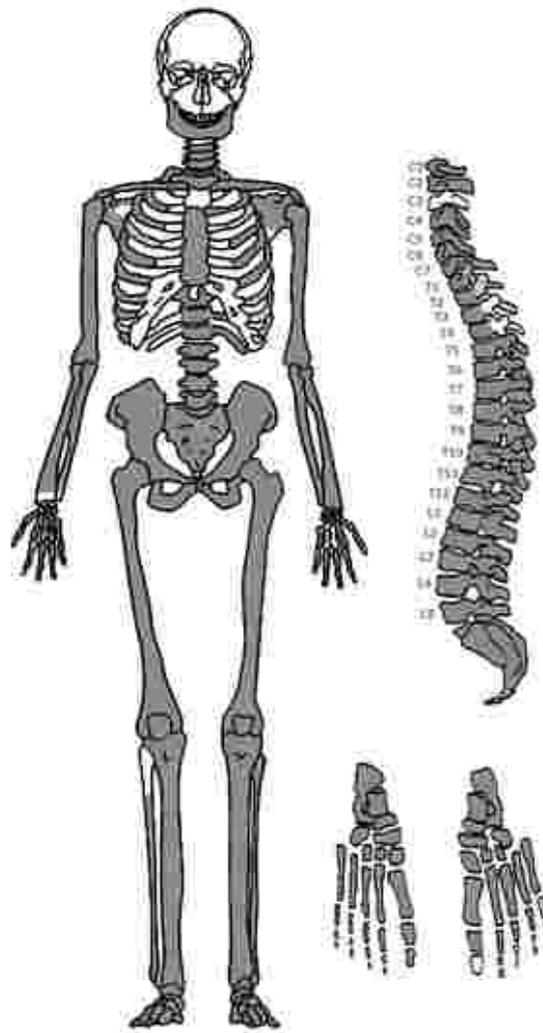
Burial Position and Details:

Plan No: 30D

Area No: 12/16

W-E orientation; simple, extended supine burial of good completeness and good preservation. The hands were positioned over the pelvic region. SK813 was found in association with find F99: a quartz piece.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	1	0	0	1	1	1	1	1	0	0	0	1	1	0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	3	3	0	0				0	3			
C4	3	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	N/R
T2	0	0	0	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T3	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T5	0	0	0	0	0	0	N/R	0	N/R	0	0	N/R
T6	0	5	4	0	0	0	N/R	N/R	0	0	0	N/R
T7	0	5	0	0	0	0	N/R	0	0	0	0	N/R
T8	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T9	0	5	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	5	0	0	0			0	0	0		
T12	5	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	0	5	0	0				0	0			
L3	5	5	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T7, T9, T11, T12 and L3. A Schmorl's node of moderate expression is present at the vertebral body of L2. A Schmorl's node of marked expression is present at the vertebral body of L3.

Joint

SK 813 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Left and right Humeral Head
<i>Ribs</i>	Surface porosity	1x Left Costal Facet
<i>Foot</i>	Marginal osteophytes	Left Calcaneus

SK813: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	DJD

SK 816

Young Adult

Indeterminate Sex

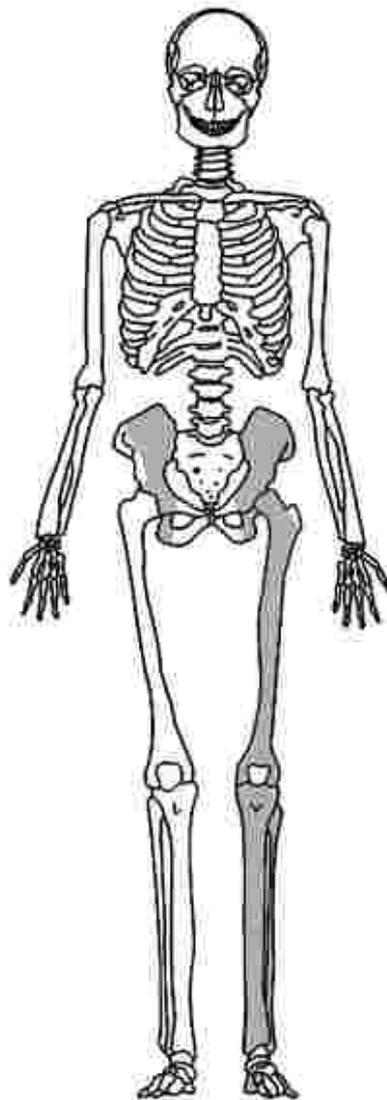
Burial Position and Details:

Plan No: Not specified

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The left leg was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 816: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 817

Adult

Sex Not Recordable

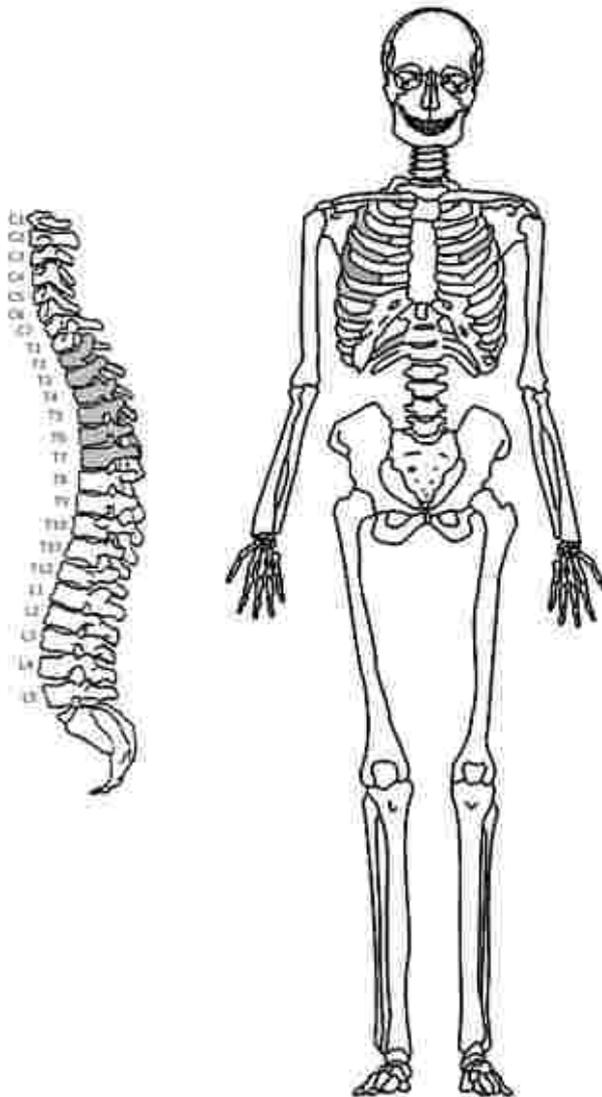
Burial Position and Details:

Plan No: 26A

Area No: 3

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 817: Palaeopathological Summary and Differential Diagnoses

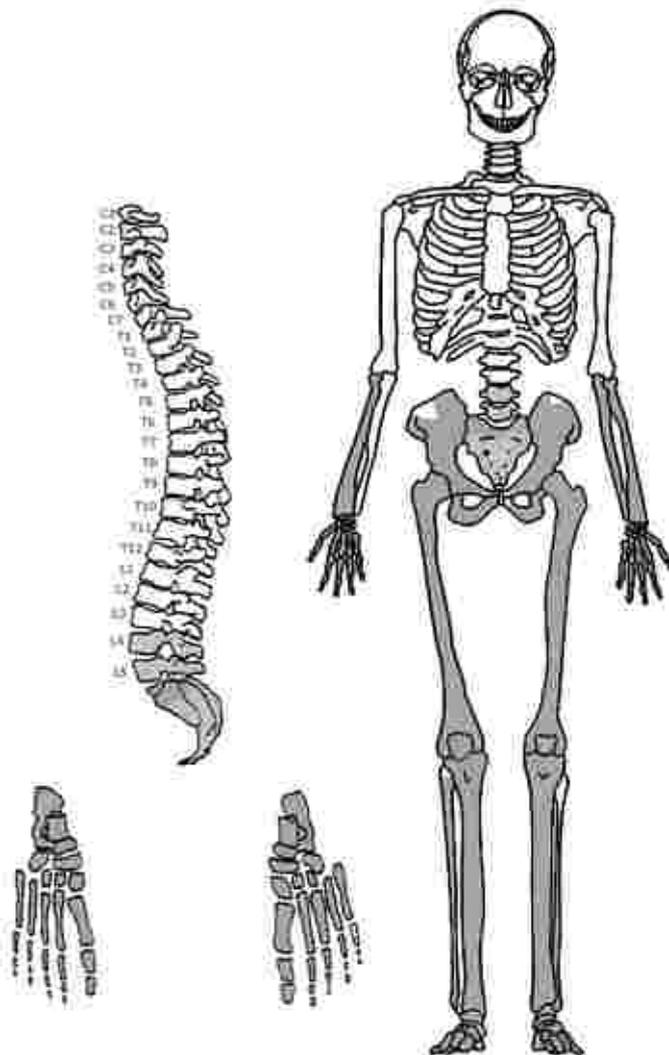
No pathological lesions were observed on the skeletal elements present for analysis.

SK 818**Young Adult****Male: 169.2cm****Burial Position and Details:**

Plan No: 32F

Area No: 20

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The left hand was positioned over the pelvic region with the right hand by the side of the body. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 818 exhibits a periosteal reactive lesion of an intermediate hand phalanx. Reactive bone deposits in the form of woven bone are present at the dorsal surface of the hand phalanx.

SK 818: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 824**Young Adult****Male: 159.3cm****Burial Position and Details:**

Plan No: 32A

Area No: 20

Orientation not specified: simple, extended supine burial of good completeness and good preservation. The skull was positioned on the right side. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The right hand was positioned over the pelvic region. Both legs were extended. SK 824 was found in association with the infant remains of SK 823.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	N/P											
Calculus	1	1	1	1	N/P											
Caries	0	0	0	0	N/P											
Abscess	0	0	0	0	N/P											
Cyst	0	0	0	0	N/P											
E.Hypoplasia	0	0	0	0	N/P											
Period. Dis.	2	2	2	0	N/P											
Attrition	2	2	2	1	N/P											

Cranial Pathology

Trauma

Blunt-force cranial trauma

A blunt force injury is present at the left frontal. The injury is circular in shape measuring 23.6mm anterior-posterior and 27.3mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the site.

Infection/ Neoplastic

Button Osteoma

A button osteoma is present at the parietal boss of the right parietal. The bone formation appears to be composed of sclerotic bone and measures 8.8mm anterior-posterior and 18.1mm medial-lateral. The boundaries of the lesion are not well defined.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	N/R	N/R	0	0				0	0			
C4	0	3	N/R	N/R				0	0			
C5	0	4	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	N/R	0	0	0	N/R	N/R	N/R
T2	0	3	0	0	0	N/R	0	0	0	0	N/R	N/R
T3	0	3	0	0	4	0	0	0	0	4	0	N/R
T4	3	3, 4	0	N/R	0	0	0	N/R	N/R	0	0	N/R
T5	3	3, 4, 5	0	0	0	0	0	0	0	0	0	0
T6	3, 5	3, 4, 5	0	0	0	0	0	0	0	0	0	0
T7	3, 5	3, 5	0	0	0	N/R	0	0	0	0	4	0
T8	3, 5	3, 4, 5	0	0	0	0	0	0	0	0	0	3, 4
T9	3	3, 4, 5	0	0	0	0	4	0	0	4	0	3, 4
T10	3, 5	3, 5	0	0	0			0	0	0		
T11	3, 5	3, 5	0	3	0			0	0	0		
T12	3, 5	5	0	0	0			0	0	0		
L1	3, 5	3, 5	0	0				0	0			
L2	3, 5	3, 5	0	4				0	0			
L3	3, 4, 5	3, 4, 5	0	0				0	0			
L4	5	0	0	0				0	0			
L5	5	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild marked expression are present at the vertebral bodies of T5, T6, T8, T9, T10, T11, L2, L3 and L5. Schmorl's nodes of moderate expression are present at the vertebral bodies of T6, T7, L1, L3 and L4. A Schmorl's node of marked expression is present at the vertebral body of T12.

Joint

SK 824 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Right clavicle and acromion process
<i>Sternoclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Ribs</i>	Surface porosity	3x Left Costal Facets 3x Right Costal Facets

SK 824: Palaeopathological Summary and Differential Diagnoses

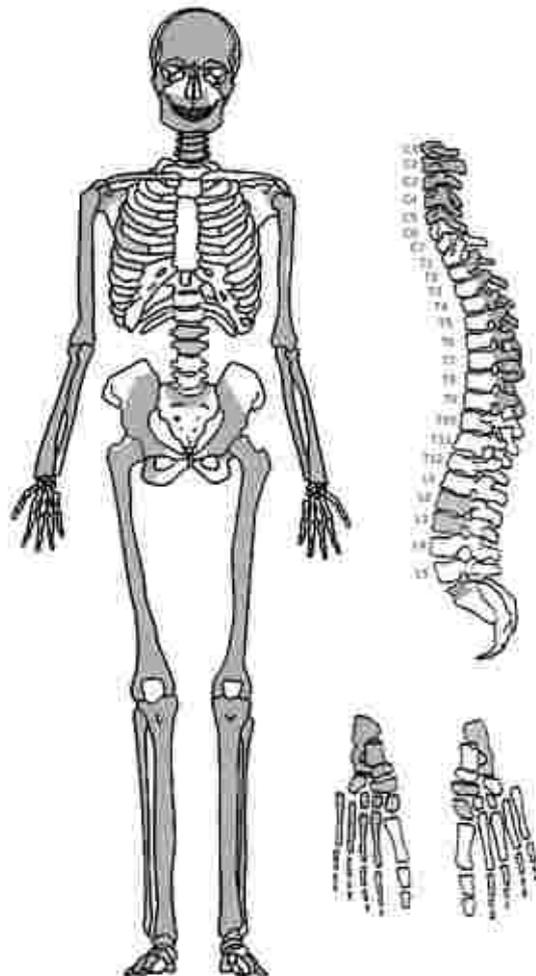
<i>Dental</i>	Periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD
<i>Joint</i>	DJD
<i>Trauma</i>	Blunt force trauma
<i>Neoplastic</i>	Button osteoma

SK 825**Middle Adult****Female: 150.7cm****Burial Position and Details:**

Plan No: Not specified

Area No: 17

SW-NE orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	1	N/P													
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
E.Hypoplasia	N/P	0	N/P													
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Caries	N/P	0	N/P													
Calculus	N/P	1	N/P													
	4	4	4	2	2	2	2	2	1	2	2	2	4	4	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	4	4	1	1	1	1	2	1	1	2	2	1	4	4	1
Calculus	N/P	N/P	N/P	2	1	2	3	N/P	2	1	N/P	N/P	1	N/P	N/P	1
Caries	N/P	N/P	N/P	0	0	0	0	N/P	0	0	N/P	N/P	0	N/P	N/P	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	0	0	0	0	N/P	0	0	N/P	N/P	0	N/P	N/P	0
Period. Dis.	0	2	0	2	1	N/R	0	N/R	1	1	0	0	3	0	0	3
Attrition	N/P	N/P	N/P	1	1	1	1	N/P	1	1	N/P	N/P	1	N/P	N/P	2

Dental Disease

Antemortem Tooth Loss

SK 825 exhibits antemortem tooth loss of 8 molars and 1 maxillary premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites with exception of Tooth 25, 38 and 47 where only partial resorption of the tooth sockets has occurred.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	4	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	3, 4	0	0	0				0	0			
C5	0	0	0	0				0	4			
C6	0	0	0	0				0	0			
C7	N/R	N/R	0	0				0	0			
T1	Of the seven thoracic neural arches which are present for analysis only one articular facet has microporosity evident affecting a right inferior articular facet. All the remaining facets have no pathological lesions evident.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11												
T12												
L1	Only two lumbar vertebral fragments are present for analysis. One vertebra has osteophytes evident affecting both the superior and inferior body; the other vertebra is N/R.											
L2												
L3												
L4												
L5												

Trauma

Fracture

A healed fracture is present at distal shaft of the right ulna. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable.

Joint

SK 825 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Elbow</i>	Surface porosity	Right distal humerus

SK 825: Palaeopathological Summary and Differential Diagnoses

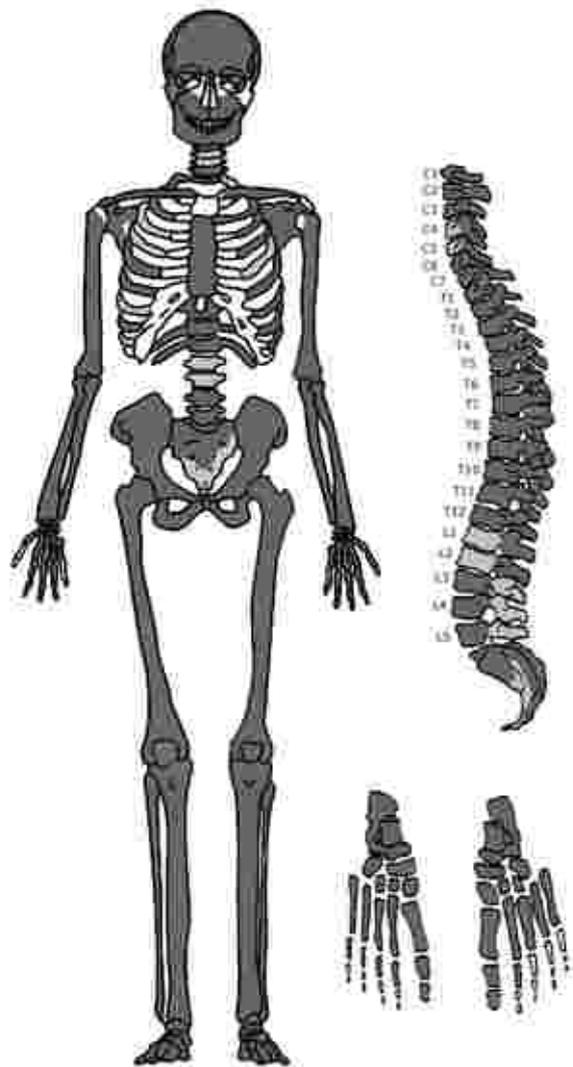
<i>Dental</i>	Antemortem tooth loss, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis, DJD
<i>Joint</i>	DJD
<i>Trauma</i>	Fracture

SK 826**Middle Adult****Female: 150.7cm****Burial Position and Details:**

Plan No: 30C

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the right side. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The hands were positioned over the pelvic region. Both legs were extended and crossed with the feet crossing.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/R	3	3	N/R	N/R	N/R	N/R	3	3	3	3	3	3	2	N/P
Period. Dis.	N/P	N/R	3	1	N/R	N/R	N/R	N/R	1	1	2	2	2	3	3	N/P
E.Hypoplasia	N/P	N/R	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0	N/P
Cyst	N/P	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/P	N/R	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0	1	N/P
Calculus	N/P	N/R	2	1	N/R	N/R	N/R	N/R	1	1	1	1	1	1	2	N/P
	8	4	1	1	2	2	2	2	1	1	1	1	1	1	1	8
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Calculus	1	1	2	2	2	1	N/R	2	1	2	2	2	2	1	1	1
Caries	2	1	3	0	0	0	N/R	0	0	0	0	0	0	3	0	2
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	1	N/R	0	0	0	1	0	0	0	0	0
Period. Dis.	2	2	3	2	2	2	N/R	3	3	3	3	2	2	2	2	2
Attrition	0	2	3	1	1	1	N/R	3	3	1	1	1	1	3	1	0

Dental Disease

Antemortem Tooth Loss

SK 826 exhibits antemortem tooth loss of a maxillary 2nd molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 27: Small carious lesion present on the distal aspect of the crown of the tooth.

Tooth 36: Small carious lesion present on the mesial aspect of the neck of the tooth. A second large carious lesion is also present on the buccal aspect of the neck of the tooth.

Tooth 38: Medium-sized carious lesion present on the buccal aspect of the neck of the tooth.

Tooth 46: Small carious lesion present on the mesial aspect of the neck of the tooth. A second large carious lesion is present on the buccal aspect of the neck of the tooth.

Tooth 47: Small carious lesion is present on the buccal aspect of the neck of the tooth.

Tooth 48: Medium-sized carious lesion present on the buccal aspect of the neck of the tooth.

Enamel Hypoplasia

Tooth 33: 1 hypoplastic groove present; 1.16mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 1.66mm from the cemento-enamel junction

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18 and 28 are missing congenitally.

Cranial Pathology

Trauma

Blunt-force trauma

A healed depression fracture is present at the left frontal. The lesion is circular in shape measuring 10.2mm anterior-posterior and 12.1mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	N/R	0	0				0	0			
C4	N/R	N/R	0	0				0	0			
C5	N/R	N/R	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	4	0	N/R	0	0	3, 4	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	N/R	N/R	0	0	0	0	0
T4	0	0	0	0	0	0	N/R	0	0	0	0	0
T5	0	0	0	0	0	0	N/R	0	0	0	0	0
T6	0	0	0	N/R	0	0	N/R	0	0	0	0	N/R
T7	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T8	0	0	0	0	0	0	N/R	0	0	0	N/R	N/R
T9	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	4		
T11	0	0	0	0	4			0	0	4		
T12	0	0	0	0	0			0	4	0		
L1	0	0	0	0				0	0			
L2	0	0	0	4				0	0			
L3	3	0	0	N/R				0	0			
L4	3	3, 4	0	N/R				0	0			
L5	3	3	0	N/R				N/R	N/R			

Trauma

Musculo-Skeletal Stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the lesser tubercle of the left humerus (i.e. the insertion point of the teres major muscle) and the olecranon process of the right ulna (i.e. the insertion point of the triceps brachii muscle). Abnormal bone loss is also present in association with the ulnar lesion possibly indicative of musculo-skeletal stress also.

Subluxation

Bony changes associated with a superior subluxation of the right shoulder joint are observable. Traumatic arthritic changes as a result of this dislocation are evident at the right acromion process in the form of marginal osteophytes, surface porosity and eburnation. Secondary arthritic changes are also present at the right humeral head in the form of periarticular resorptive foci and surface osteophyte formation.

Compression fracture

A compressing fracture is present in the vertebral body of L4 resulting in uniform structural collapse of the affected body.

Joint

SK 826 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right and Left Temporal and mandibular condyles
<i>Acromioclavicular</i>	Surface porosity	Left and right acromion process and clavicle
<i>Sternoclavicular</i>	Surface porosity	Left and Right clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Left Humeral Head and glenoid fossa
<i>Ribs</i>	Surface porosity	Right 1 st rib head
<i>Elbow</i>	Marginal osteophytes	Left distal humerus
<i>Wrist</i>	Surface porosity	Left and right distal radius
<i>Hip</i>	Periarticular resorptive foci	Left and Right Acetabulum

Miscellaneous Pathology

Abnormal Bone Loss

A lesion of unifocal abnormal bone loss is observable at the pleural surface of the right 12th rib adjacent to the rib neck. The bone loss measures approximately 10mm medial-lateral and 7.2mm superior-inferior. The boundaries of this lesion are well-defined but with no sclerosis indicating the lesion may be a congenital defect.

SK 826: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, enamel hypoplasia
<i>Vertebral</i>	Compression fracture
<i>Joint</i>	DJD
<i>Trauma</i>	Blunt-force cranial trauma, Subluxation
<i>Miscellaneous</i>	Abnormal Bone loss

SK 828

Adult

Male: 158cm

Burial Position and Details:

Plan No: 37H

Area No: 16

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate and postero-intermediate sector of the left orbital roof.

Trauma

Blunt-force

A possible healed depression fracture present at the left parietal adjacent to the parietal boss. The lesion is circular in shape measuring 18.0mm anterior-posterior and 13.0mm medial-lateral. Extensive healing is observable in the form of sclerotic callus bone at the fracture site.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 828 exhibits bilateral periosteal reactive lesions of the lower-leg long-bones. Reactive bone deposits in the form of woven bone are present at the medial aspect of the distal shaft of the left and right tibiae and right fibula. Woven bone is also observable on the lateral aspect of the distal shaft of the left fibula.

Joint

SK 828 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left Glenoid fossa
<i>Ankle</i>	Marginal osteophytes	Left Talus

SK 828: Palaeopathological Summary and Differential Diagnoses

<i>Joint</i>	DJD
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Trauma</i>	Blunt-force cranial trauma

SK 831

Adult

Sex Not Recordable

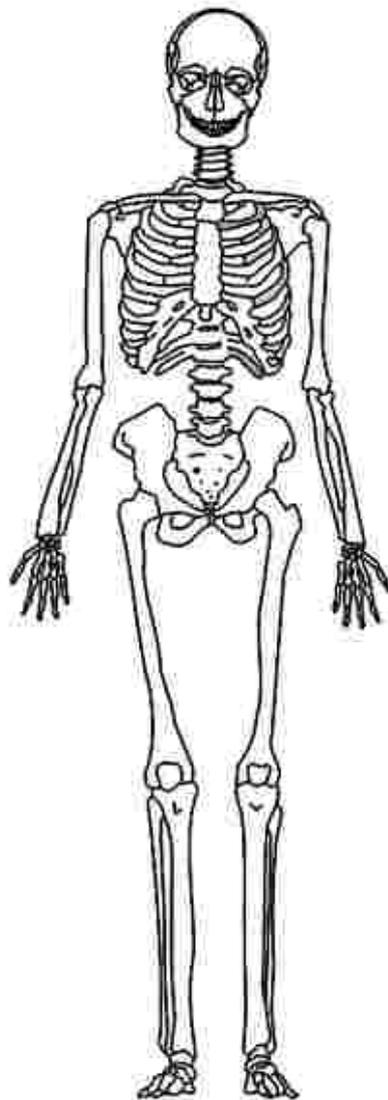
Burial Position and Details:

Plan No: 37

Area No: 16

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 831: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 833A

Young Adult

Probable Female: 164.5cm

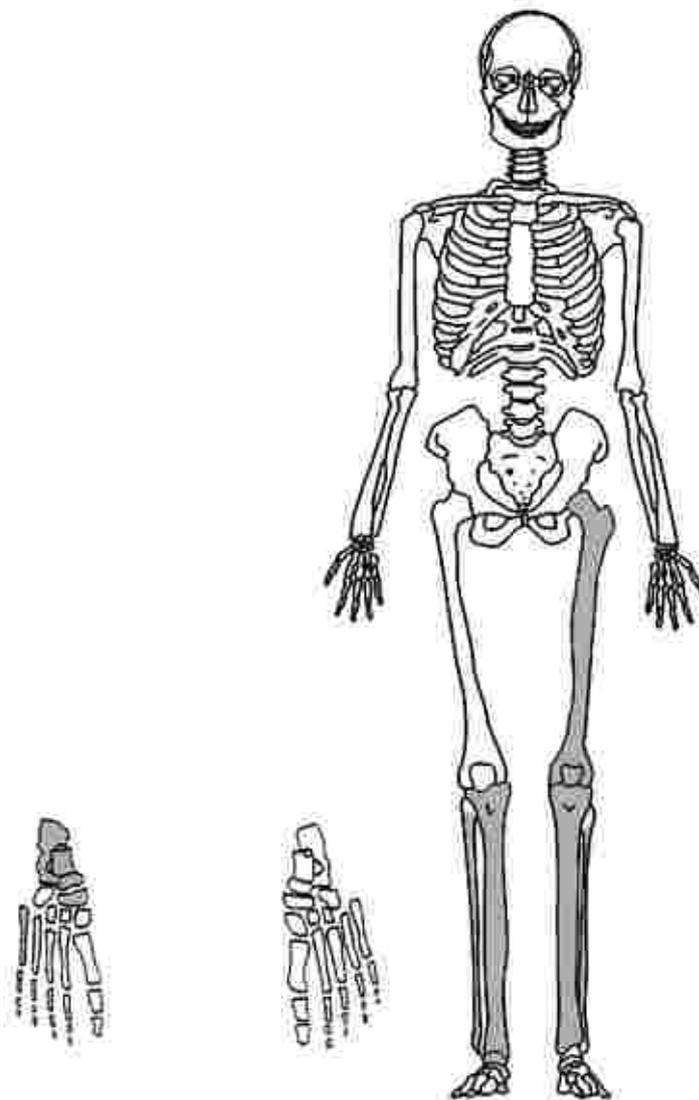
Burial Position and Details:

Plan No: 37

Area No: 16

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 833A: Palaeopathological Summary and Differential Diagnoses

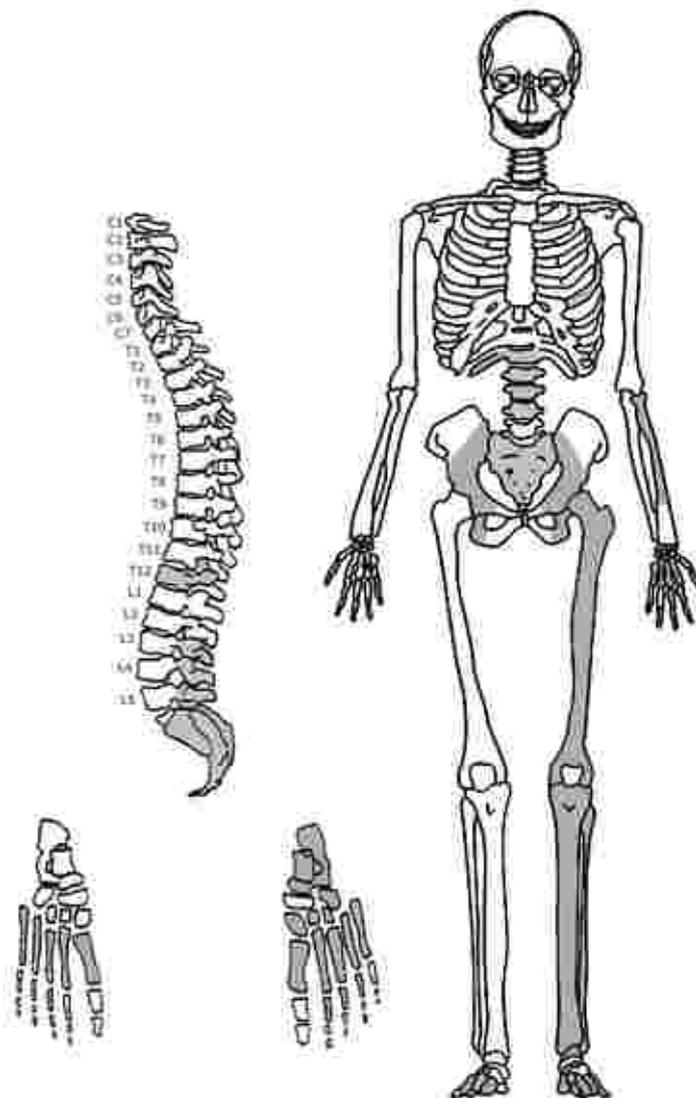
No pathological lesions were observed on the skeletal elements present for analysis.

SK 835**Young Adult****Female: 150.3cm****Burial Position and Details:**

Plan No: Not specified

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The lower left arm was by the side of the left pelvis. The left leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Post Cranial Pathology

Joint

SK 835 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ankle</i>	Subchondral bone loss	Left Calcaneus
<i>Foot</i>	Marginal osteophytes	Left MT1

SK 835: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 837

Young Adult

Male: 175.7cm

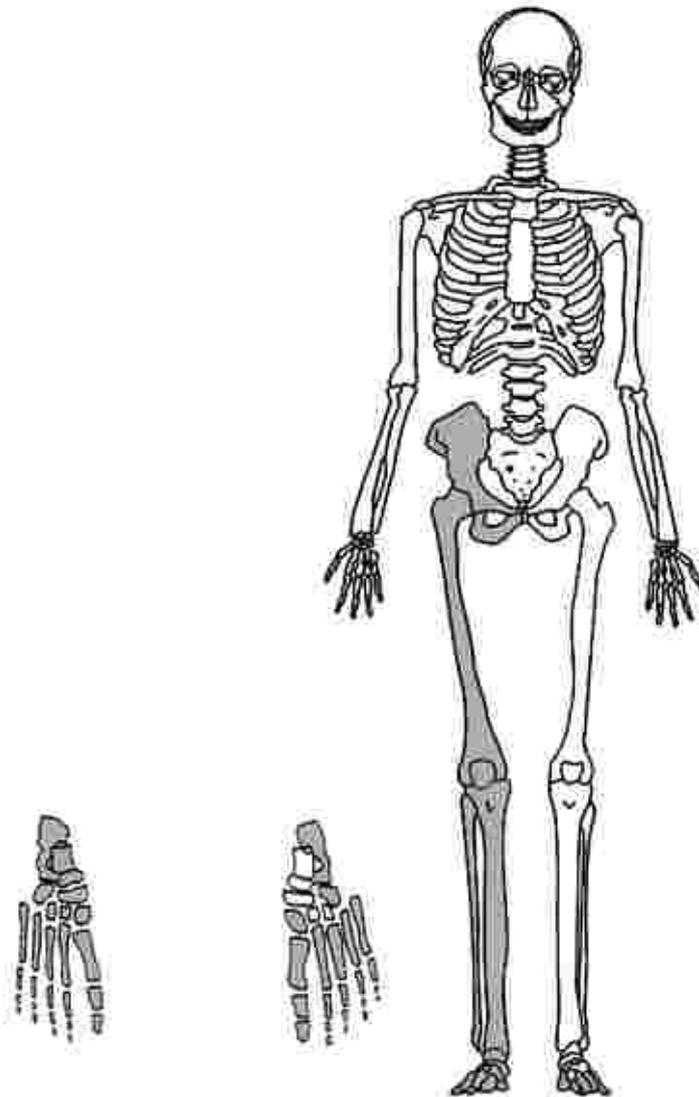
Burial Position and Details:

Plan No: 30C

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The right leg was extended with the feet crossing.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Fractures with sequestrum

Corresponding probable crush fractures are present at the left 4th and 5th intermediate foot phalanges. The fracture line is no longer evident in both cases. Healing in the form of sclerotic callus bone formation is also observable at the affected phalanges. These fractures have resulted in secondary shortening of the diaphyses by 3.27mm in the case of the 4th phalanx and 2.7mm in the case of the 5th phalanx in comparison to the opposing right phalanges. A sequestrum is also observable on the medial aspect of the head of the 5th phalanx indicating this fracture was comminuted.

SK 837: Palaeopathological Summary and Differential Diagnoses

Trauma Fracture with sequestrum

SK 838

Adult

Sex Not Recordable

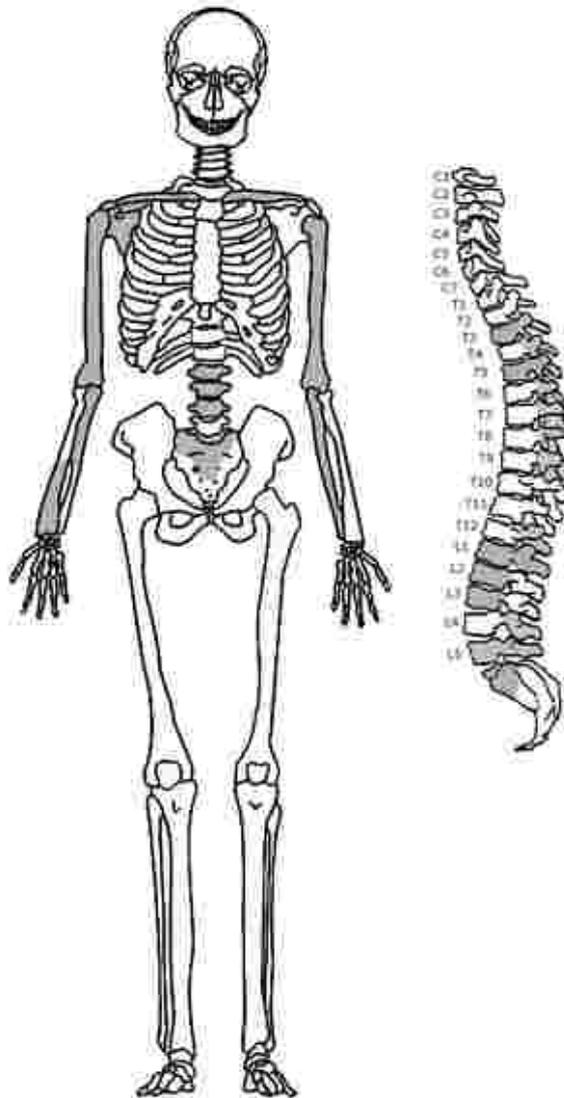
Burial Position and Details:

Plan No: 30A

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%
 Approximate Fragmentation: 25-50%
 Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T2	The two thoracic centra which are present for analysis have no pathological lesions evident. The thoracic neural arches are fragmented so cannot be accurately numbered but there are no pathological lesions evident on those present for analysis.											
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T12	N/R	N/R	N/R	N/R	N/R			N/R	N/R	0		
I 1	3	3	0	0				0	0			
I 2	3	3	N/R	N/R				N/R	N/R			
I 3	3	3	N/R	N/R				N/R	N/R			
I 4	N/R	N/R	N/R	3				3	3			
L5	0	0	3, 4	3, 4				N/R	N/R			

Joint

SK 838 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Left and right Humeral Head Right glenoid fossa

SK 838: Palaeopathological Summary and Differential Diagnoses

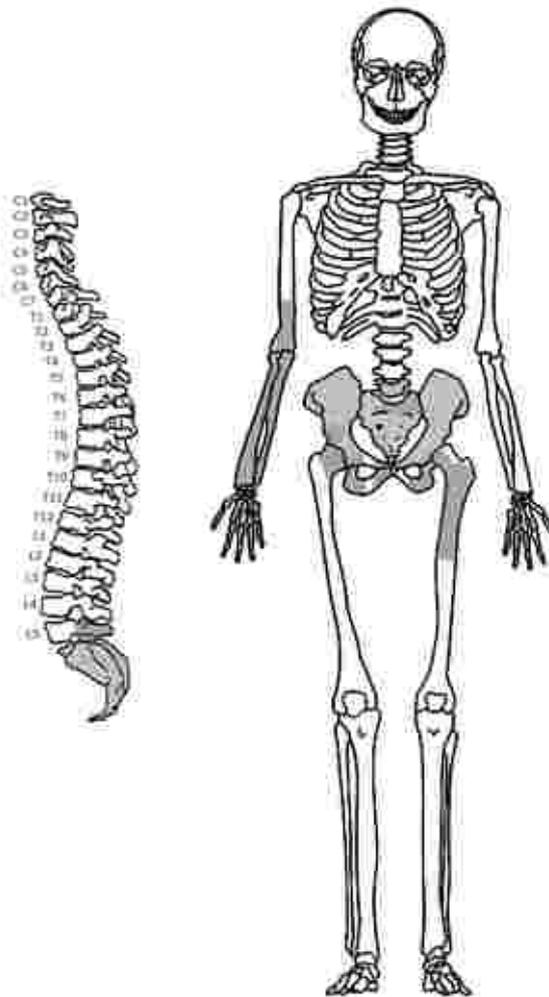
Vertebral DJD
Joint DJD

SK 840**Old Adult****Male****Burial Position and Details:**

Plan No: 35F

Area No: 17

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right arm was extended with the right hand by the side of the body and the left hand positioned over the pelvic region.

Visual Inventory

Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5

SK 840: Palaeopathological Summary and Differential Diagnoses

Trauma *Spondylolysis*

SK 842

Adult

Sex Not Recordable:

157cm

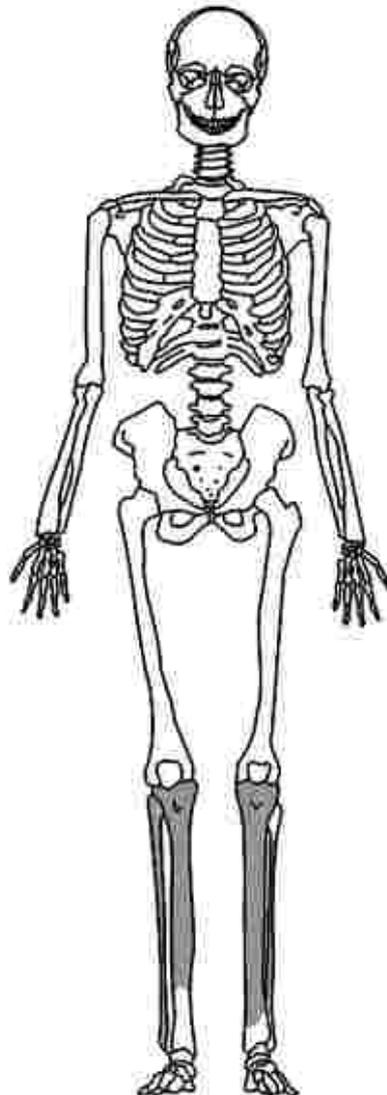
Burial Position and Details:

Plan No: 35A

Area No: 16

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. Both legs were crossed.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 842: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 845

Young Adult

Female

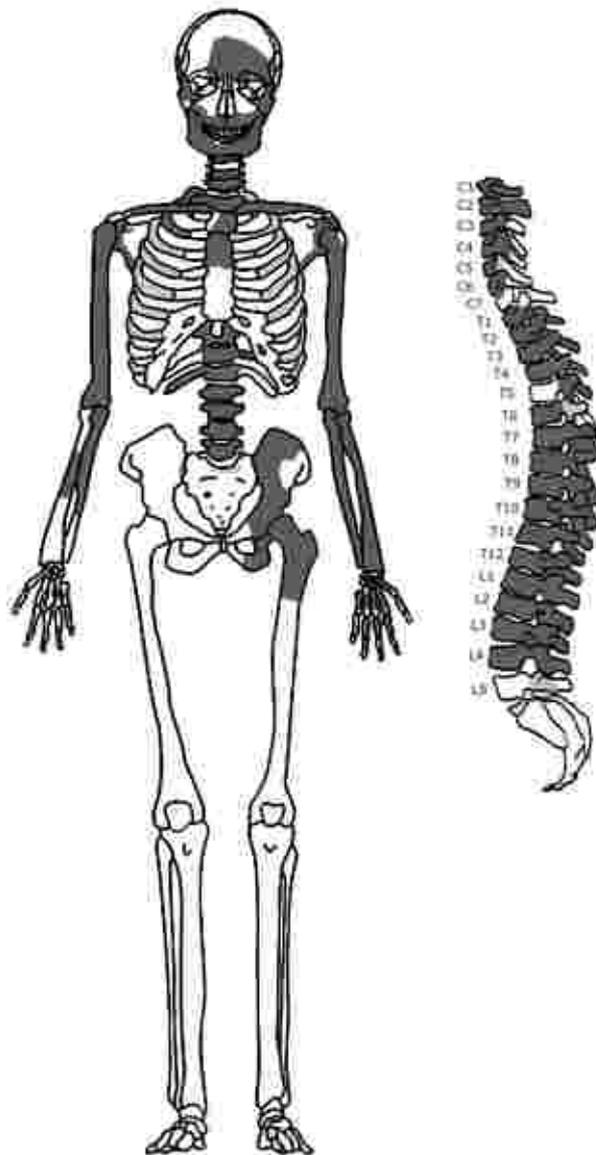
Burial Position and Details:

Plan No: 371

Area No: 16/21

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	0	1	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	1	0	N/R
Period. Dis.	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	N/R
E.Hypoplasia	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Caries	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	N/R
Calculus	0	1	1	1	1	N/R	N/R	N/R	N/R	N/R	N/R	0	0	1	1	N/R
	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
Calculus	1	1	1	0	1	N/R	N/R	N/R	N/R	1	1	1	0	1	1	1
Caries	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0	0	0
Attrition	0	0	1	0	0	N/R	N/R	N/R	N/R	0	1	0	0	1	0	0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	N/R	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				N/R	N/R			
C5	N/R	4	0	0				N/R	N/R			
C6	0	0	0	0				N/R	N/R			
C7	N/P	N/P	N/P	N/P				N/P	N/P			
T1	0	0	0	0	0	N/R	0	0	0	0	N/R	N/R
T2	0	0	0	0	0	0	0	0	0	0	N/R	N/R
T3	0	0	0	0	0	N/R	0	0	0	N/R	N/R	N/R
T4	N/R	N/R	0	0	0	0	0	0	0	N/R	N/R	N/R
T5	N/R	N/R	0	4	N/R	N/R	N/R	0	4	N/R	N/R	N/R
T6	0	0	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R
T7	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
T8	0	0	0	0	N/R	0	4	0	0	4	N/R	N/R
T9	0	0	0	0	4	N/R	0	0	0	N/R	N/R	0
T10	0	0	0	0	0			0	0	N/R		
T11	0	0	0	3	N/R			0	0	0		
T12	5	0	0	0	0			0	0	N/R		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	5	0	0				0	0			
L4	0	0	0	0				0	0			
L5	N/R	N/R	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T12 and L3.

SK 845: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 846

Adult

Female

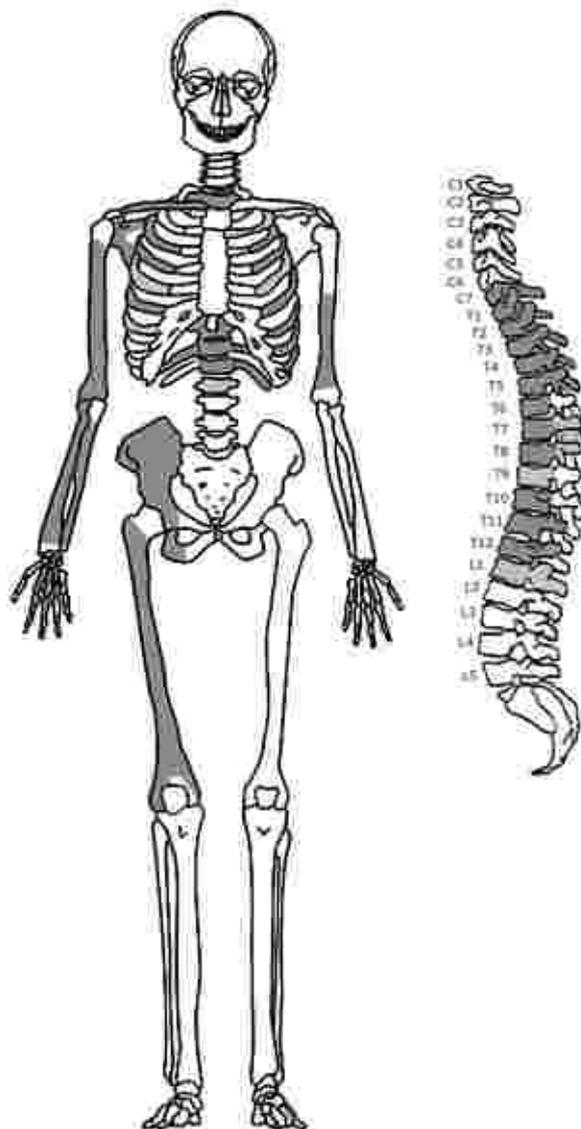
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 846: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 847

Adult

Sex Not Recordable

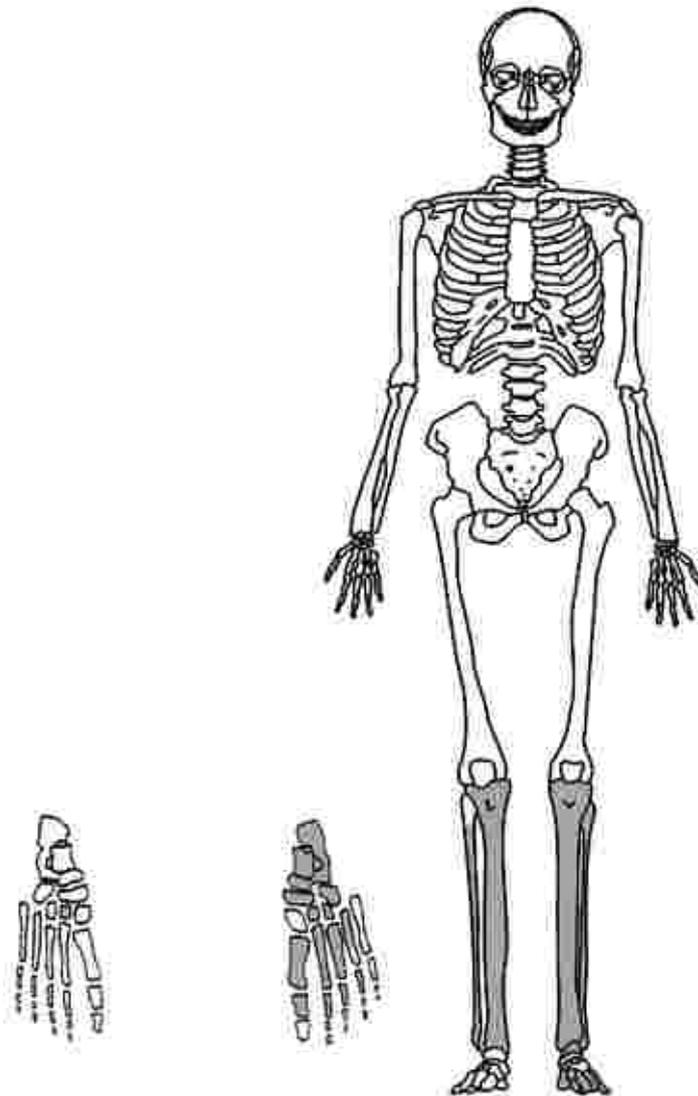
Burial Position and Details:

Plan No: 30

Area No: 16/21

W-E orientation: Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Fracture

A probable fracture is present an unnumbered intermediate foot phalanx. The fracture line is no longer evident. Malunion of the fracture has resulted in lateral displacement of the fractured end of the bone.

SK 847: Palaeopathological Summary and Differential Diagnoses

Trauma Fracture

SK 849

Adult

Sex Not Recordable

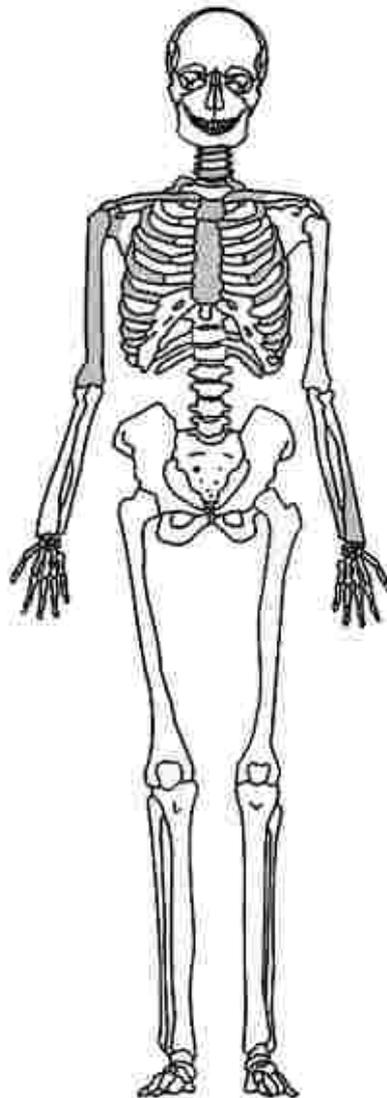
Burial Position and Details:

Plan No: 30D

Area No: 16

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 849: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 850**Young Adult****Male: 161.2cm****Burial Position and Details:**

Plan No: 38

Area No: 17/24

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The right hand was positioned over the pelvic region with the left hand by the side of the body. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	3	3	2	2	2	2	2	2	N/P	2	2	2	N/P	3	3	
Period. Dis.	N/P	0	0	0	0	0	0	N/R	N/P	N/P	N/R	0	0	3	1	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	N/P	0	0	0	N/P	0	0	
Cyst	N/P	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	
Abscess	N/P	0	0	0	0	0	0	0	N/P	N/P	0	0	0	1	0	0	
Caries	N/P	0	0	0	0	0	0	0	0	N/P	0	0	0	N/P	0	1	
Calculus	N/P	1	2	1	1	1	1	1	1	N/P	1	1	1	N/P	1	1	
		2	1	1	1	1	1	1	1	1	2	1	1	1	4	1	1
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1
Calculus		2	1	0	1	N/P	1	2	N/P	N/P	2	1	1	1	1	1	1
Caries		0	0	0	0	N/P	0	0	N/P	N/P	0	0	0	0	0	0	1
Abscess		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	N/P	0	0	N/P	N/P	0	0	0	0	0	0	0
Period. Dis.		0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0
Attrition		3	3	3	2	N/P	2	2	N/P	N/P	2	2	2	2	3	3	3

Dental Disease

Antemortem Tooth Loss

SK 850 exhibits antemortem tooth loss of a maxillary molar secondary to an abscess at the tooth site. Only partial secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries, Abscess/ Cyst

Tooth 28: Small carious lesion present on occlusal surface of tooth 28

Tooth 38: Small carious lesion present on the mesial aspect of tooth 38

Tooth 46: Abscess/ cyst exhibited at the socket; associated periosteal reactive lesion is also observable

Congenital Abnormalities of the Teeth/ Jaws

Tooth 43 exhibits partial bifurcation of the tooth root.

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures and bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	N/R	0
T2	0	3	0	0	0	0	3	0	0	0	N/R	0
T3	0	0	0	0	0	N/R	0	0	0	N/R	N/R	0
T4	0	0	0	0	0	0	3	0	0	0	0	3
T5	0	3	0	0	0	0	3	0	0	0	0	0
T6	0	0	0	0	N/R	N/R	3	0	0	0	0	0
T7	0	0	0	0	0	0	3	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	4	0	0
T9	5	0	0	0	0	0	0	0	0	4	0	0
T10	0	0	0	0	4			0	0	3		
T11	0	0	0	0	0			0	3	0		
T12	0	0	3, 4	0	0			3	3	N/R		
L1	3	0	3	0				3	0			
L2	3	0	0	3				0	3			
L3	0	0	3	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of T9.

*Infection**Reactive Bone Formation*

SK 850 exhibits a periosteal reactive lesion of the left fibula. Reactive bone deposits in the form of sclerotic bone are present at the mid-shaft of the affected fibula. Sclerosis of the lesion indicates healing took place before the time of death.

SK 850: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental abscess, periodontal disease, calculus, dental attrition, bifurcation of canine root
<i>Vertebral</i>	Schmorl's node
<i>Metabolic</i>	Porotic Hyperostosis
<i>Infection</i>	Non-specific: reactive bone deposits

SK 852

Young Adult Male

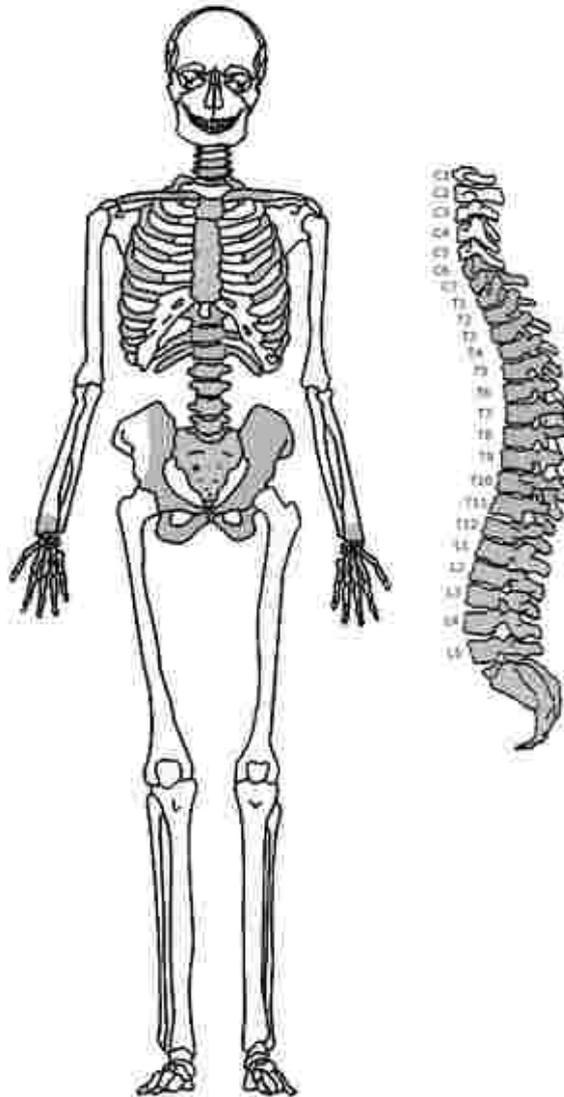
Burial Position and Details:

Plan No: 35D

Area No: 17

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Trauma

Sharp-force trauma

SK 852 displayed two sharp-force wounds at the mid shaft of the left second and third metacarpals.

SK 852: Palaeopathological Summary and Differential Diagnoses

Trauma Sharp-force trauma

SK 855

Middle Adult

Male: 162.1cm

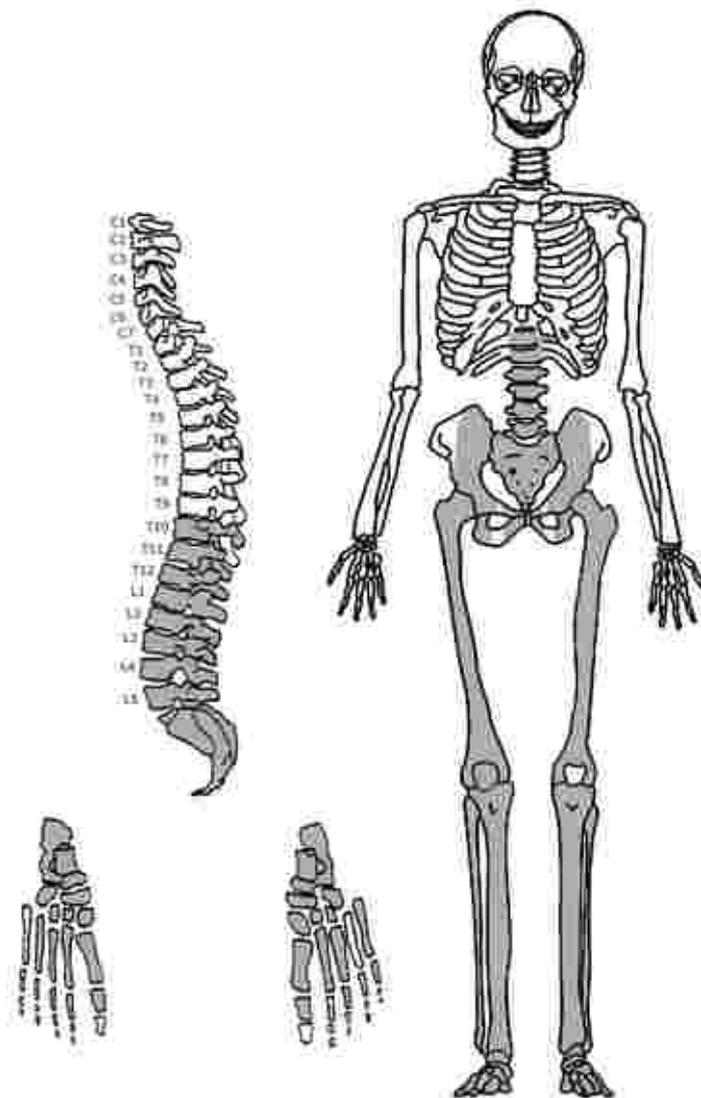
Burial Position and Details:

Plan No: 37E

Area No: 17/21

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
I 1	0	3	0	0				0	0			
L2	3	3	0	0				0	0			
L3	3	3	0	0				0	0			
L4	3	3	0	3				0	3			
L5	3	3	3	3				3	3			

Enthesophyte Formation

Enthesophyte formation evident on the right proximal tibia at the lateral aspect of the tibial tuberosity.

SK 855: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochondrosis, DJD
Trauma Enthesophyte formation

SK 857**Young Adult****Female: 160.3cm****Burial Position and Details:**

Plan No: 35F

Area No: 17

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. The right leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	2	3	2	2	1	2	2	2	1	1	1	1	N/R	1	0	
Period. Dis.	N/P	1	2	0	0	0	0	1	1	1	0	0	0	2	2	2	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/R	0	0	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	N/P	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/R	1	0	
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	N/R	1	1	
		8	1	1	1	1	1	1	1	1	1	1	2	5	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	8
Calculus		1	2	1	1	1	1	1	N/P	1	N/P	1	1	1	1	1	N/P
Caries		0	0	0	0	0	0	0	N/P	0	N/P	0	0	0	0	0	N/P
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia		0	0	0	0	0	0	0	N/P	0	N/P	0	0	0	0	0	N/P
Period. Dis.		2	1	N/R	N/R	N/R	N/R	N/R	0	N/R	0	1	1	1	3	2	N/P
Attrition		1	1	2	1	1	1	1	N/P	2	N/P	1	1	1	2	1	N/P

Dental Disease

Caries, Abscess

Tooth 16: Large abscess present at apex of tooth on lingual aspect of alveolar bone

Tooth 26: Only tooth root remaining; associated abscess at apex of tooth

Tooth 27: Small carious lesion present at lingual-distal aspect of neck of tooth

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18 and 38 are missing congenitally. Overcrowding of the maxillary teeth has resulted in significant medial rotation of Tooth 25. Tooth 28 is significantly underdeveloped and peg-shaped.

Cranial Pathology*Metabolic**Cribra Orbitalia (CO)*

Type 2 (scattered fine foramina) CO is exhibited in the antero-medial, middle-lateral and middle-intermediate sector of the left orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

*Trauma**Sharp-force trauma*

A possible sharp-force weapon wound is present at the right parietal. The lesion is linear in shape with a sharp edge measuring 46.8mm in length. There is no observable healing.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	2, 3	3	0	0				N/R	N/R			
C2	3	0	0	0				0	N/R			
C3	0	0	0	3				3, 4	2, 3, 4			
C4	3	3, 4	0	0				3, 4	0			
C5	3, 4	3, 4	0	0				0	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	0	0	0	0	3, 4	N/R	0	0	0	3, 4	N/R	0
T2	0	0	N/R	N/R	0	N/R	N/R	0	N/R	0	0	N/R
T3	0	0	0	0	4	0	0	0	0	0	0	N/R
T4	0	0	0	3, 4	4	N/R	0	0	3, 4	0	N/R	N/R
T5	0	3	N/R	N/R	4	4	N/R	N/R	N/R	4	0	N/R
T6	0	5	0	N/R	0	0	0	0	0	4	4	N/R
T7	5	5	N/R	N/R	N/R	4	N/R	0	N/R	0	0	N/R
T8	0	0	0	0	0	3, 4	N/R	0	N/R	4	4	N/R
T9	0	5	0	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T10	0	5	N/R	N/R	3, 4			N/R	N/R	3, 4		
T11	5	5	0	N/R	3, 4			0	N/R	3, 4		
T12	3, 5	5	0	0	3, 4			0	0	3, 4		
I 1	3, 5	3, 5	0	0				0	0			
L2	3	3, 4	N/R	N/R				N/R	N/R			
I 3	3, 4	5	N/R	N/R				N/R	N/R			
I 4	3, 4	5	N/R	N/R				N/R	N/R			
L5	3, 4, 5	0	0	N/R				N/R	N/R			
L6	0	3	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T7, T9, T12, L4 and L5. Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T12 and L1. Schmorl's nodes of marked expression are present at the vertebral bodies of T10, T11 and L1.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the left inferior apophyseal facet of C3 in the form of eburnation, surface porosity and marginal osteophyte formation.

Joint

SK 857 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle and acromion process
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head and glenoid fossa
<i>Elbow</i>	Surface porosity , marginal osteophytes	Right distal humerus
<i>Hand</i>	Marginal osteophytes	Right MC1, MC2, MC3 and 1 st proximal phalanx
<i>Hip</i>	Marginal osteophytes, surface porosity	Left and right Acetabulum

*Congenital**Supernumerary Vertebra*

L6 is present.

SK 857: Palaeopathological Summary and Differential Diagnoses

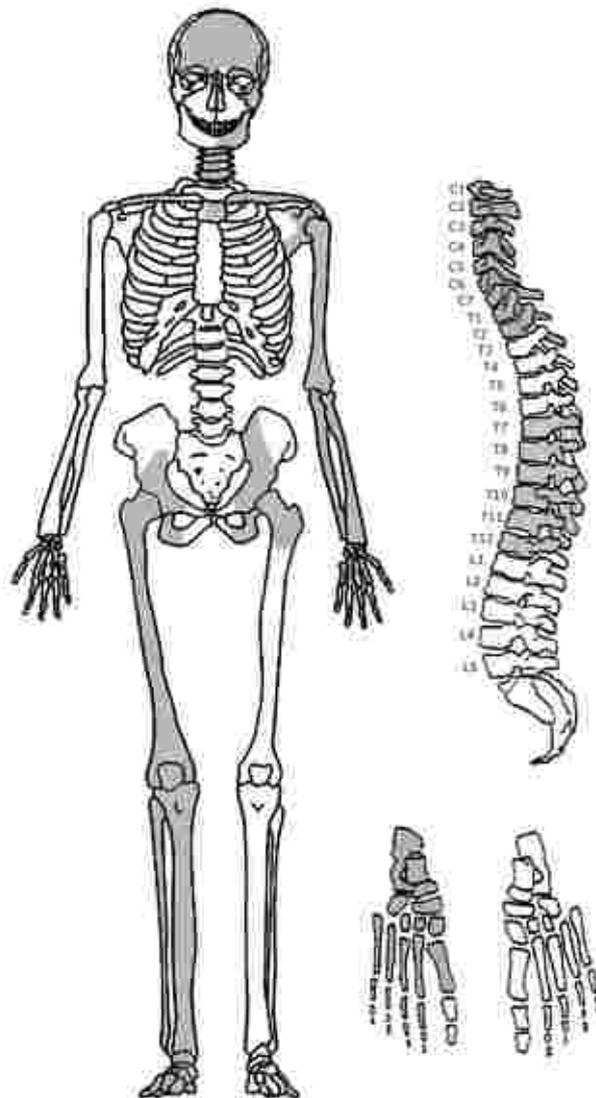
<i>Dental</i>	Caries, dental abscess, periodontal disease, calculus, dental attrition, overcrowding, peg-shaped molar, congenitally absent 3 rd molars
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD, Osteoarthritis
<i>Joint</i>	DJD, Osteoarthritis
<i>Metabolic</i>	Porotic Hyperostosis, CO
<i>Trauma</i>	Sharp-force cranial trauma
<i>Congenital</i>	Supernumerary vertebra

SK 864**Young Adult****Male: 167.4cm****Burial Position and Details:**

Plan No: 35F

Area No: 17

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both arms were flexed at the elbow upwards towards the neck region.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	2	1	1	1	1	1	N/P								
Calculus	N/P	0	0	0	0	0	N/P									
Caries	N/P	0	0	0	0	0	N/P									
Abscess	N/P	0	0	0	0	0	0	N/P								
Cyst	N/P	0	0	0	0	0	0	N/P								
E.Hypoplasia	N/P	0	0	0	0	0	N/P									
Period. Dis.	N/P	0	0	0	0	0	0	N/P								
Attrition	N/P	1	1	0	1	0	N/P									

Cranial Pathology

Metabolic

Cribrra Orbitalia (CO)

Type 4 (foramina linked in trabecular structure) CO is exhibited in the middle-intermediate sector of the left orbital roof. Type 3 (large and small isolated foramina) CO is exhibited in the middle-lateral, middle-intermediate and middle-medial sector of the right orbital roof.

Trauma

Sharp-force trauma

SK 864 exhibits two perimortem sharp-force weapon wounds to the cranial vault. The largest wound runs from the left parietal boss traversing the coronal suture and ends at the glabella. The lesion is linear in shape measuring 135.46mm in length. This lesion is clearly the result of perimortem trauma with no observable healing present. The second smaller wound is observable at the mastoid angle of the left parietal. This wound is linear in shape and measures 21.8mm in length. Both wounds are likely to have been inflicted by a blade such as a sword.

SK 864: Palaeopathological Summary and Differential Diagnoses

Dental Dental attrition
Metabolic CO
Trauma Sharp-force perimortem cranial trauma

SK 867

Adult

Sex Not Recordable

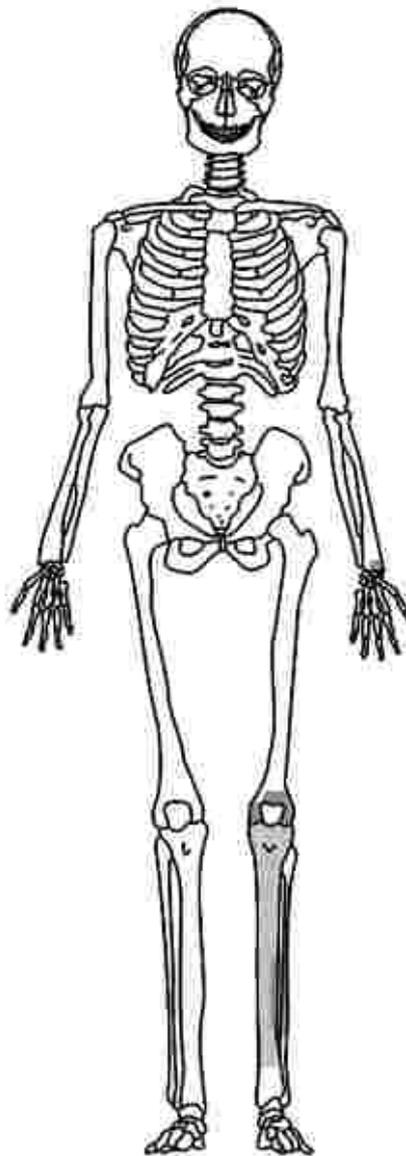
Burial Position and Details:

Plan No: 35E

Area No: 16

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation. The left leg was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Taphonomy: SK867 is heavily affected by oxidisation

SK 867: Palaeopathological Summary and Differential Diagnoses

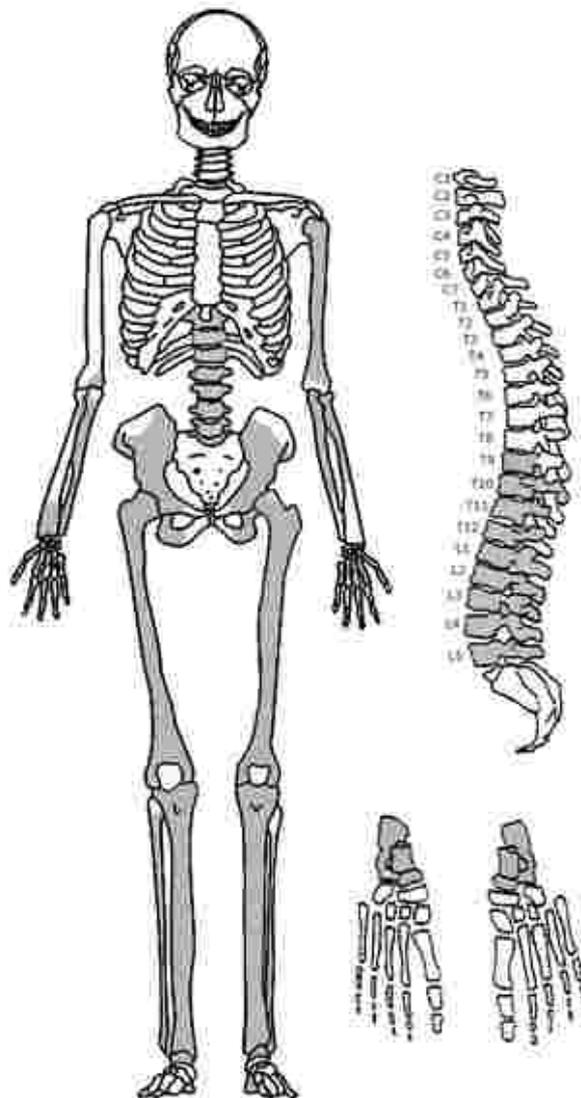
No pathological lesions were observed on the skeletal elements present for analysis.

SK 868**Middle Adult****Probable Female: 161.8cm****Burial Position and Details:**

Plan No: 35E

Area No: 17

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-500%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 868: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 873

Young Adult

Probable Female

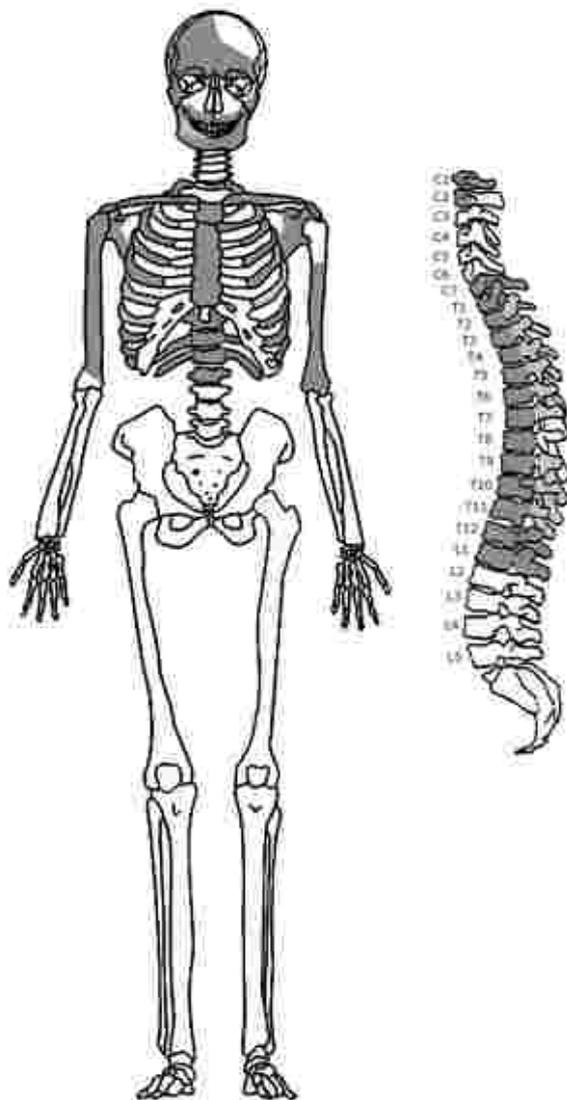
Burial Position and Details:

Plan No: 35B

Area No: 17

W-E orientation; simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	0	1	0	N/R	1	N/R	N/R	0	N/R	0	0	0	1	N/R	0
Period. Dis.	N/P	0	0	0	N/R	0	N/R	N/R	0	N/R	0	0	0	0	N/R	0
E.Hypoplasia	N/P	0	0	0	N/R	1	N/R	N/R	1	N/R	N/R	N/R	N/R	N/R	N/R	0
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	0	0	0	N/R	0	N/R	N/R	0	N/R	0	0	0	0	N/R	0
Calculus	N/P	1	2	2	N/R	1	N/R	N/R	1	N/R	3	2	3	2	N/R	1
	N/P	1	1	1	2	1	2	2	1	2	1	1	1	1	2	1*
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	N/P	1	1	1	N/P	1	1	1	1	2	2	4	1	2	6
Calculus	1	N/P	1	1	1	N/P	2	2	1	2	N/R	N/R	N/R	1	N/R	N/P
Caries	0	N/P	2	0	0	N/P	0	0	0	0	N/R	N/R	N/R	0	N/R	N/P
Abscess	N/R	N/P	N/R	N/R	N/R	N/P	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/R	N/P	N/R	N/R	N/R	N/P	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	0	N/P	0	0	1	N/P	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/P
Period. Dis.	N/R	N/P	N/R	N/R	N/R	N/P	N/R	0	N/R	N/P						
Attrition	0	N/P	1	0	0	N/P	1	1	1	0	N/R	N/R	N/R	1	N/R	N/P

Dental Disease

Antemortem Tooth Loss

SK 873 exhibits antemortem tooth loss of a mandibular premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 46: Medium-sized carious lesion present at the distal aspect of the neck of the tooth.

Enamel Hypoplasia

SK 873 exhibits numerous hypoplastic grooves of the teeth. Heavy calculus deposits on the teeth of the upper left quadrant inhibit observation of the position of the grooves in the case of the affected teeth.

Tooth 13: 4 hypoplastic grooves present; 3.15mm, 3.90mm, 4.71mm and 6.35mm from the cemento-enamel junction respectively.

Tooth 21: 2 hypoplastic grooves present; 3.60mm and 6.08mm from the cemento-enamel junction respectively.

Tooth 44: 2 hypoplastic grooves present; 2.46mm and 4.57mm from the cemento-enamel junction respectively.

Congenital Abnormalities of the Teeth/ Jaws

Overcrowding of the mandibular teeth has resulted in lateral rotation of Tooth 31. Tooth 28 is significantly underdeveloped and peg-shaped.

Cranial Pathology*Metabolic**Cribra Orbitalia (CO)*

Type 3 (large and small isolated foramina) CO is exhibited in the antero-medial, middle-intermediate and postero-lateral sector of the left orbital roof and the middle-intermediate and postero-lateral sector of the right orbital roof.

Porotic Hyperostosis

Degree 3 (porosity and coalescing of foramina) PH is exhibited adjacent to the parietal boss of the parietals. The activity pattern is mixed but appears to be healing at the time of death.

*Neoplastic**Button Osteoma*

A possible button osteoma (i.e. a small island of ivory-like lamellar bone) is present at the right parietal bone adjacent to the saggital suture. The lesion is circular in shape and measures 12.6mm anterior-posterior and 11.1mm medial-lateral.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	0				0	0			
C2	0	0	N/R	N/R				N/R	N/R			
C7	0	3	0	0				0	0			
T1	0	0	0	0	4	N/R	0	0	0	0	N/R	0
T2	0	0	N/R	N/R	N/R	N/R	N/R	0	N/R	0	0	0
T3	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T4	0	0	0	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T5	0	0	N/R	N/R	N/R	0	N/R	0	N/R	0	N/R	N/R
T6	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	3	3	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T8	3	3	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T9	3	3	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T10	0	0	0	N/R	0			0	N/R	0		
T11	0	3, 4	0	N/R	0			0	N/R	0		
T12	5	5	0	0	0			0	0	0		
L1	5	3, 4	0	0				0	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T12 and L1.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of T11 and L1 in the form of pitting at the inferior posterior surface.

*Infection**Reactive Bone Formation*

SK 873 exhibits periosteal reactive lesions of the right ribs. Reactive bone deposits in the form of woven bone are present at the visceral surface of 2 right rib fragments. Sclerotic bone is present at the visceral surface of a further 2 right ribs adjacent to the rib heads. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 873: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, calculus, dental attrition, enamel hypoplasia, congenitally absent 3 rd molars, peg-shaped molar, overcrowding
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Metabolic</i>	Possible Porotic Hyperostosis, CO
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Neoplastic</i>	Button Osteoma

SK 875

Middle Adult Female

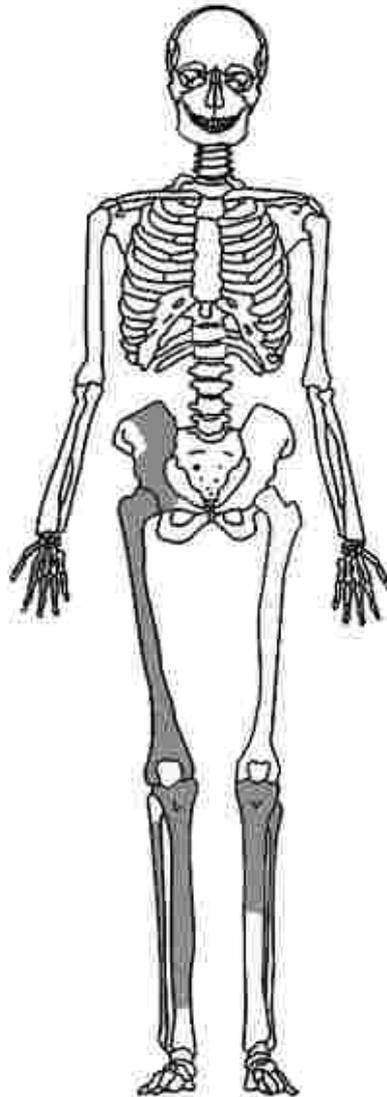
Burial Position and Details:

Plan No: 37B

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The right arm and leg were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Joint

SK 875 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Marginal osteophytes	Right MC1, 1 st proximal phalanx and unnumbered proximal phalanx

SK 875: Palaeopathological Summary and Differential Diagnoses

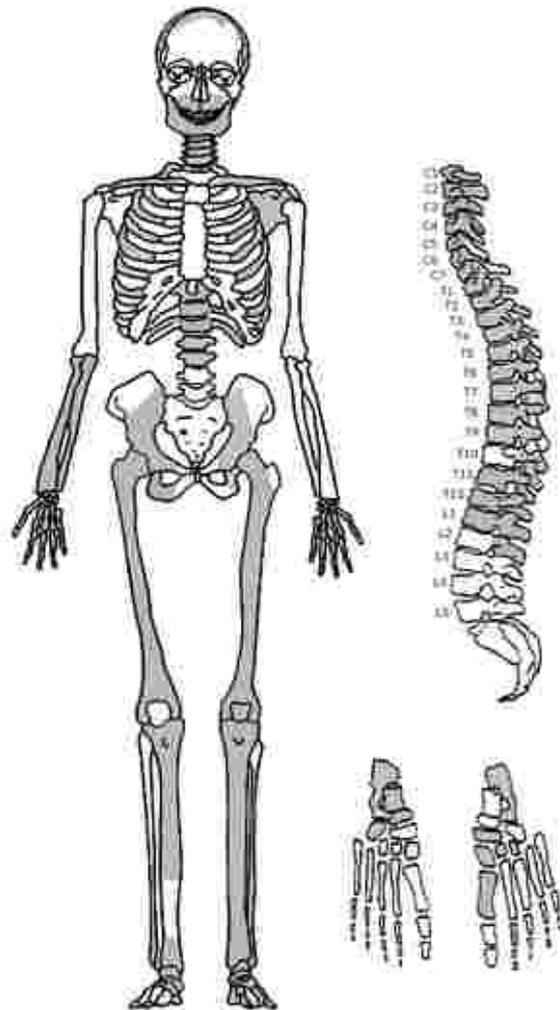
Joint DJD

SK 876**Middle Adult****Male: 169.4cm****Burial Position and Details:**

Plan No: 37B

Area No: 21

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The hands were positioned over the pelvic region. Both legs were extended. SK876 was found in association with the infant remains of SK877 found positioned on the chest of SK876.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	2	2	3	N/P	2	2	2	2	N/P	2	2	3	2	3	2	0
Period. Dis.	1	1	1	0	1	1	0	N/R	0	0	0	1	1	N/R	N/R	N/R
E.Hypoplasia	0	0	0	N/P	0	1	0	0	N/P	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	N/R	0	0	0	0	0	N/R	N/R	N/R
Abscess	0	0	0	0	0	0	0	N/R	0	0	0	0	0	N/R	N/R	N/R
Caries	0	0	0	N/P	0	0	0	0	N/P	0	0	0	0	0	1	1
Calculus	1	1	1	N/P	1	1	1	1	N/P	1	1	1	1	2	2	1
	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	4	1	1	1	2	2	2	2	2	1	2	4	4	4
Calculus	N/P	N/P	N/P	1	1	1	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P
Caries	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/P	N/P	N/P	2	2	2	N/P	N/P	N/P	N/P	N/P	2	N/P	N/P	N/P	N/P

Dental Disease

Antemortem Tooth Loss

SK 876 exhibits antemortem tooth loss of all 6 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries

Tooth 27: Small carious lesion present at distal aspect of neck of tooth

Tooth 28: Very small carious lesion present on medial aspect of neck of tooth

Enamel Hypoplasia

Tooth 13: 1 hypoplastic groove present; 4.32mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	3, 4	0	0	0				0	0			
C3	0	3, 4	0	0				0	0			
C4	3, 4	0	0	0				0	0			
C5	3, 4	3	0	0				0	0			
C6	3, 4	3, 4	0	0				N/R	N/R			
C7	3, 4	4	0	0				N/R	N/R			
T1	0	0	N/R	N/R	3	3	N/R	N/R	N/R	N/R	N/R	N/R
T2	N/R	N/R	0	0	0	3, 4	N/R	0	3, 4	N/R	N/R	N/R
T3	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T4	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	3, 4	N/R
T5	N/R	3, 4	3, 4	0	0	N/R	N/R	3, 4	0	0	N/R	N/R
T6	3, 4	3, 4	N/R	N/R	0	3, 4	N/R	N/R	N/R	0	3, 4	N/R
T7	3, 4	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	3, 4, 5	3, 4, 5	N/R	N/R	4	3	N/R	N/R	N/R	N/R	N/R	N/R
T9	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
T10	5	3	N/R	N/R	0			N/R	N/R	N/R		
T11	3, 4, 5	3, 4, 5	3	3	0			3	3	0		
T12	3, 4, 5	0	3	3, 4	3			3	3	3, 4		
L1	3, 4	3, 4	3, 4	0				3, 4	0			
L2	N/R	N/R	N/R	0				N/R	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8 and T10. A Schmorl's node of moderate and another of marked expression are present at the vertebral bodies of T11 and T12 respectively.

*Trauma**Compression Fractures*

Compression fractures are present at the vertebral bodies of T6, T7 and T12 resulting in a wedge-shaped appearance. These fractures have resulted in secondary angular kyphosis of the spine.

Joint

SK 876 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Elbow</i>	Marginal osteophytes	Right proximal ulna
<i>Wrist</i>	Marginal osteophytes	Right triquetrum
<i>Hand</i>	Marginal osteophytes	Right MC1 and MC3
<i>Hip</i>	Marginal osteophytes, surface porosity	Left and Right Acetabulum

SK 876: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, enamel hypoplasia
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD, Compression fractures, Secondary kyphosis
<i>Joint</i>	DJD
<i>Trauma</i>	Vertebral compression fractures

SK 878

Middle Adult

Male: 175.4cm

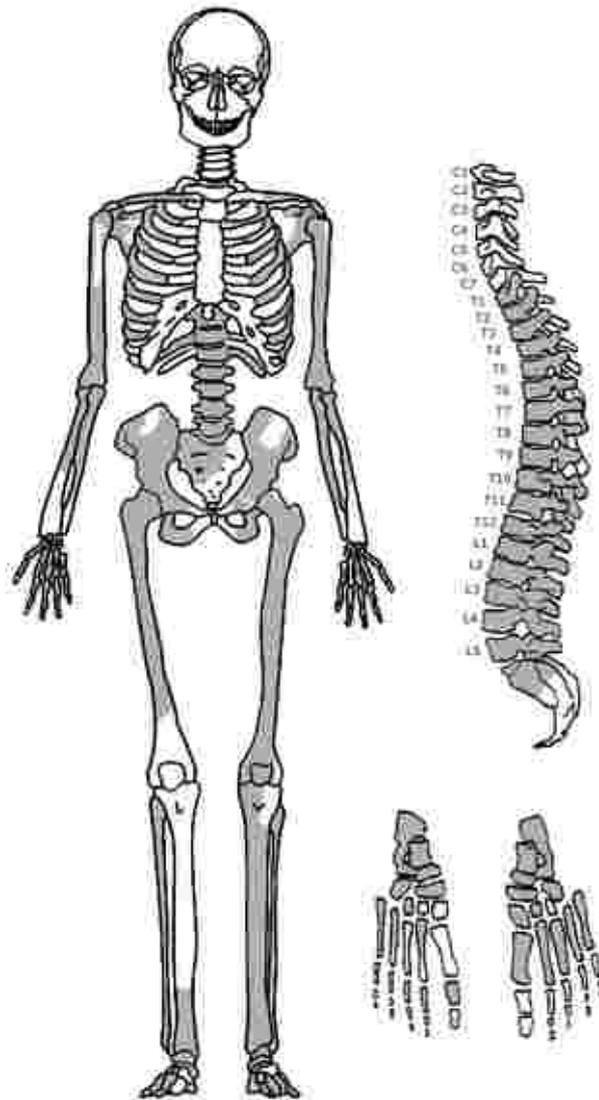
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	N/R	3	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R
T2	4	0	0	0	N/R	4	N/R	0	0	N/R	N/R	0
T3	4	3, 4	0	0	0	N/R	0	0	0	0	N/R	0
T4	0	3, 4	0	3, 4	N/R	N/R	3, 4	0	3, 4	N/R	N/R	3, 4
T5	3	3, 4	3, 4	3, 4	N/R	N/R	0	0	4	0	N/R	0
T6	3, 4	0	3, 4	0	0	0	0	0	0	0	N/R	0
T7	0	3, 4	0	0	0	0	N/R	0	0	0	N/R	0
T8	0	3, 4, 5	0	0	0	0	N/R	0	0	0	0	N/R
T9	3, 4	3, 4	0	0	0	0	3, 4	0	0	4	N/R	3, 4
T10	3, 4	3, 4, 5	0	0	0			0	4	0		
T11	3, 4	3, 4, 5	4	0	0			0	0	0		
T12	3, 4, 5	3, 4, 5	0	0	0			4	0	0		
L1	0	3, 5	0	0				0	3, 4			
L2	3, 5	3	0	0				0	0			
L3	3, 5	3	0	0				0	0			
L4	3	0	0	0				0	0			
L5	3	0	0	0				0	0			
L6	3, 4	3	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T10, T12, L1, L2 and L3. Schmorl's nodes of moderate expression are present at the vertebral bodies of T11 and T12.

*Infection**Reactive Bone Formation*

SK 878 exhibits extensive periosteal reactive lesions of primarily the axial skeletal elements. Reactive bone deposits in the form of woven bone only are present at the anterior and posterior aspect of the left ilium. An extensive mixed reaction of both woven and sclerotic bone is present at the visceral surfaces of the right 2nd and 3rd ribs, the anterior aspect of the left ilium, and the posterior aspect of the left ischium, the left pubis and the proximal shaft of the left femur. Sclerotic bone is present at the posterior aspect of the sternal body and the left acetabulum. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

*Trauma**Musculo-Skeletal Stress*

Bilateral vertical enthesophyte formation indicative of musculo-skeletal stress is present at the right and left metacarpals, hand phalanges and calcaneus.

Fracture

A healed fracture is present at an unnumbered left rib fragment. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable.

Joint

SK 878 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left and right acromion process Left and right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	5x Left Costal Facets 4x Right Costal Facets
<i>Wrist</i>	Surface porosity, marginal osteophytes, eburnation	Right trapezium
<i>Hand</i>	Marginal osteophytes	Right MC1
<i>Hip</i>	Periarticular resorptive foci, surface porosity, marginal osteophytes	Right Acetabulum
<i>Foot</i>	Marginal osteophytes	Right calcaneus and talus

SK 878: Palaeopathological Summary and Differential Diagnoses

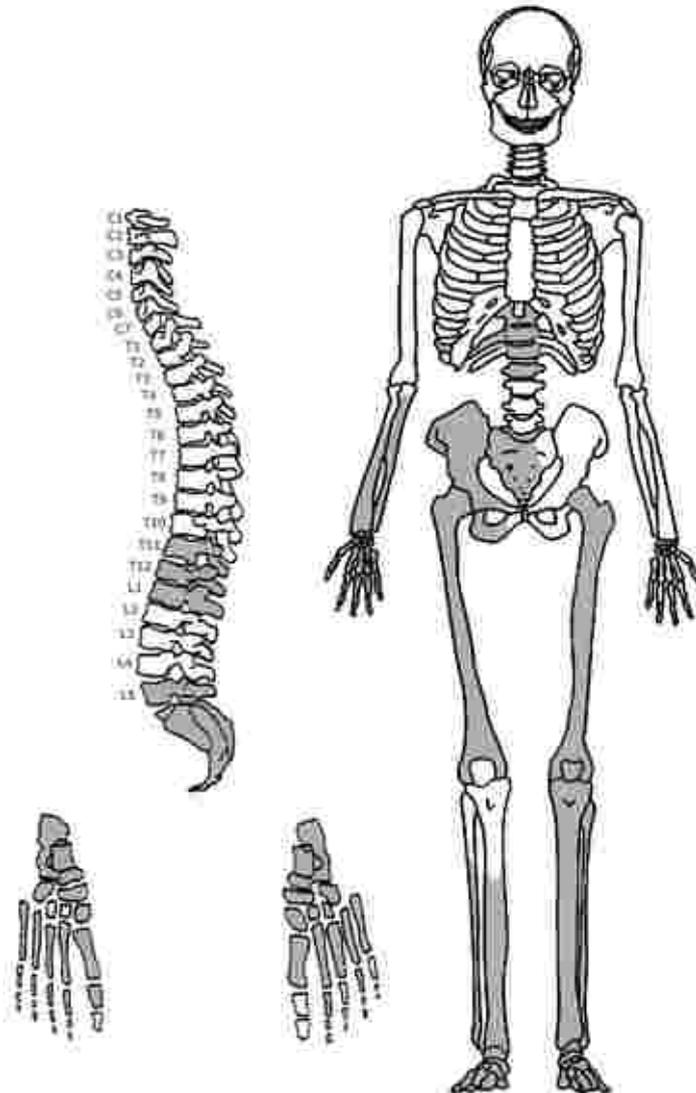
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	Non-specific Stress Indicator at cranial vault: Possible Porotic Hyperostosis
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Trauma</i>	Musculo-Skeletal Stress, Fracture

SK 879**Young Adult****Male: 174.6cm****Burial Position and Details:**

Plan No: 35F

Area No: 17

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 879: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 880

Adult

Sex Not Recordable

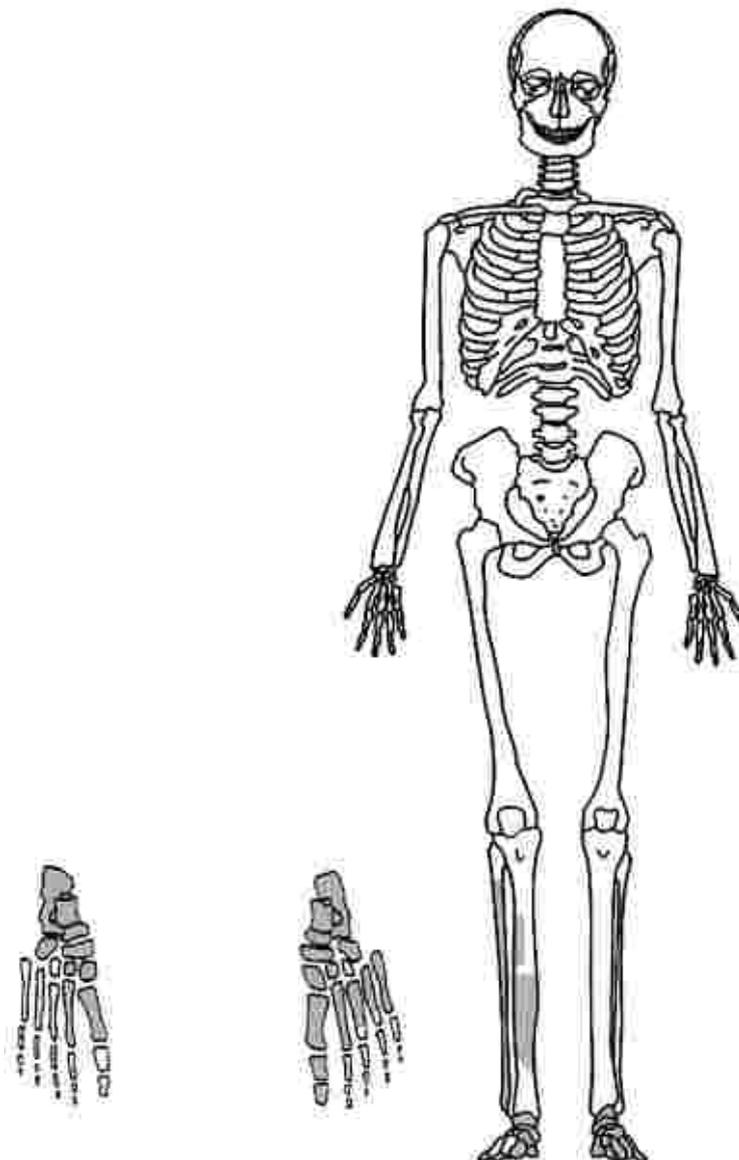
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 880: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 881

Adult

Female

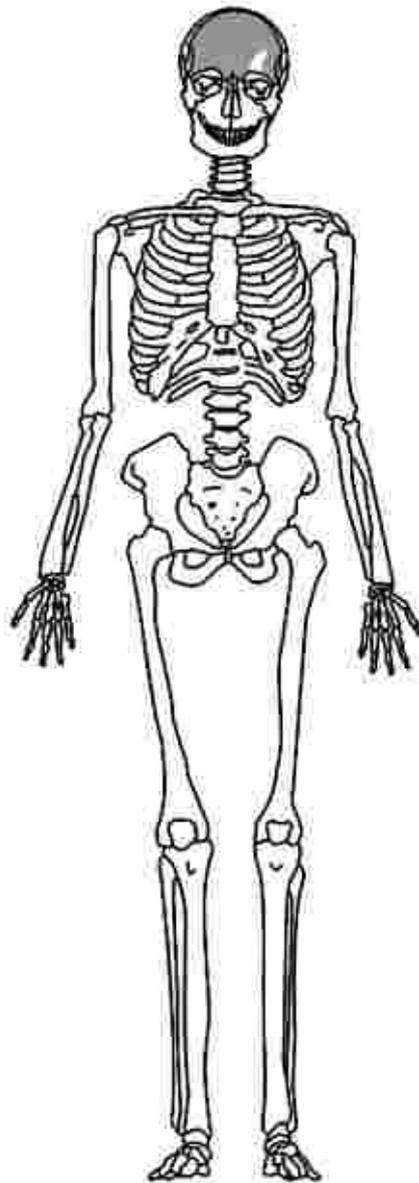
Burial Position and Details:

Plan No: 37B

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	N/P													
Calculus	N/P	1	N/P													
Caries	N/P	0	N/P													
Abscess	N/P	N/R	N/P													
Cyst	N/P	N/R	N/P													
E.Hypoplasia	N/P	0	N/P													
Period. Dis.	N/P	N/R	N/P													
Attrition	N/P	1	N/P													

Cranial Pathology

Trauma

Sharp-force trauma

A perimortem sharp-force weapon wound is present at the right frontal immediately superior to the supraorbital ridge. The lesion is linear in shape measuring 13.87mm in length. There is no observable healing.

SK 881: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

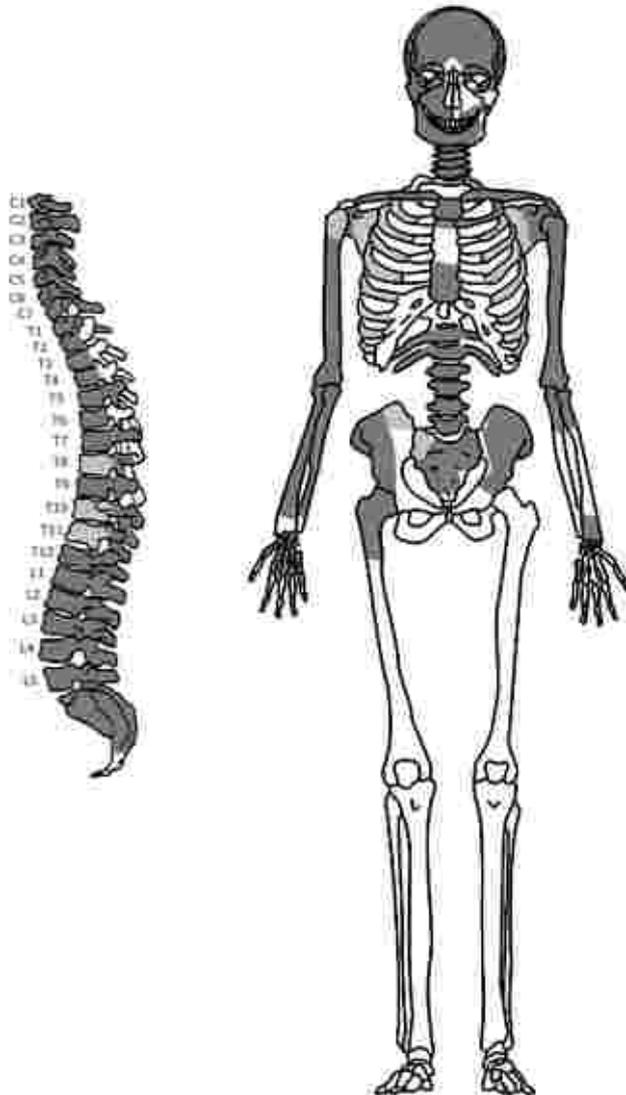
Trauma Perimortem sharp-force cranial trauma

SK 882**Middle Adult****Female****Burial Position and Details:**

Plan No: 37A

Area No: 21

NW-SE orientation; simple, extended supine burial of poor completeness and poor preservation. The skull was positioned on the right side. Both arms were flexed at the elbow crossing the pelvis.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	3	3	3	2	2	2	3	N/P	N/R	N/R	N/R	2	2	3	N/P	2
Period. Dis.	0	0	0	0	0	0	0	N/P	N/R	N/R	N/R	0	0	N/R	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	N/R	N/R	N/R	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	N/P	N/R	N/R	N/R	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	N/P	N/R	N/R	N/R	0	0	0	0	0
Caries	0	0	0	0	0	0	0	N/P	N/R	N/R	N/R	0	0	2	N/P	0
Calculus	2	2	2	1	1	2	1	N/P	N/R	N/R	N/R	1	2	3	N/P	1
	1	1	1	1	1	1	1	2	N/R	N/R	N/R	1	1	1	2	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
Calculus	3	3	2	2	2	N/P	N/P	2	1	2	2	2	2	3	3	2
Caries	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/R	N/R	0
Period. Dis.	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0
Attrition	2	3	3	1	1	N/P	N/P	1	1	1	1	1	1	2	2	1

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Overcrowding of the mandibular teeth has resulted in distal rotation of Tooth 33.

SK 882 also exhibits a cross-bite which has resulted in asymmetrical dental attrition whereby the right maxillary and mandibular teeth exhibit significantly greater dental wear in comparison to the left opposing teeth.

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, antero-intermediate and antero-lateral sector of the left and right orbital roofs.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R.Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		0	N/R	N/R				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	3				0	0			
C5	0	3 + 4	0	0				0	0			
C6	0	3 + 4	0	0				0	0			
C7	4	3 + 4	0	0				0	0			
T1	4	3 + 4	0	0	0	0	0	0	4	4	N/R	
T2	4	4	N/R	N/R	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T3	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	4	4	N/R	N/R	N/R	4	N/R	N/R	N/R	N/R	4	N/R
T5	N/R	4	N/R	0	N/R	4	N/R	4	0	4	N/R	3
T6	4	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	4	N/R
T7*	N/R	N/R	4	4	N/R	N/R	3	4	0	N/R	N/R	0
T8*	4	N/R	N/R	4	0	N/R	0	0	0	0	N/R	0
T9*	4	N/R	4	0	4	N/R	0	4	0	N/R	3	0
T10*	4	N/R	0	3 + 4	4			0	3 + 4	N/R		
T11*	N/R	0	N/R	0	N/R			3 + 4	4	N/R		
T12	3 + 4	4	0	4	N/R			3 + 4	0	0		
L1	4	4	3 + 4	0				3 + 4	3 + 4			
L2	3 + 4	4	4	3 + 4				3 + 4	0			
L3	3 + 4	4	3 + 4	3 + 4				3	3 + 4			
L4	3 + 4	0	3 + 4	0				3 + 4	3			
L5	3 + 4	3 + 4	0	0				3	0			

Specific Infection: Tuberculosis

SK 882 exhibits pathological lesions indicative of the specific infection of tuberculosis specifically multiple lytic lesions of the lower vertebrae and bilateral periosteal reactive lesions on the visceral surfaces of a number of ribs.

Extensive diffuse probable lytic bone loss has resulted in almost complete resorption of at least 5 of the thoracic centra present for analysis, namely T7, T8, T9, T10 and T11. In the case of T7 only the neural arch has survived and exhibits bilateral abnormal bone loss of the transverse processes and pedicles. This bone loss may have resulted in separation of the neural arch from the vertebral body in life. Similar bony resorption is also observable at the pedicles and transverse processes of T10 and T11 however post-mortem damage at these locations has obscured the overall assessment of the extent of the bone resorption. The left 12th rib head has been completely resorped.

Diffuse bone loss is observable at the inferior vertebral bodies of T8, T9 and T10. In all three cases at least $\frac{1}{3}$ of the vertebral body has been eroded as a result of these lytic lesions. The superior body of T11 has also been significantly eroded by probable lytic lesions so that less than $\frac{1}{3}$ of the vertebral body has survived.

Secondary structural collapse at the vertebral bodies of T8, T9, T10 and T11 has resulted in sharp angular kyphosis of the spine.

Periosteal reactive lesions indicative of a chronic pulmonary infection are observable at the visceral surface of the right 10th rib body and the left 10th and 12th rib bodies.

SK 882: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition, cross-bite, overcrowding
<i>Vertebral</i>	Intervertebral osteochondrosis, DJD, Lytic lesions
<i>Metabolic</i>	CO
<i>Infection</i>	Tuberculosis: vertebral lytic lesions and rib lesions

SK 885

Middle Adult

Male

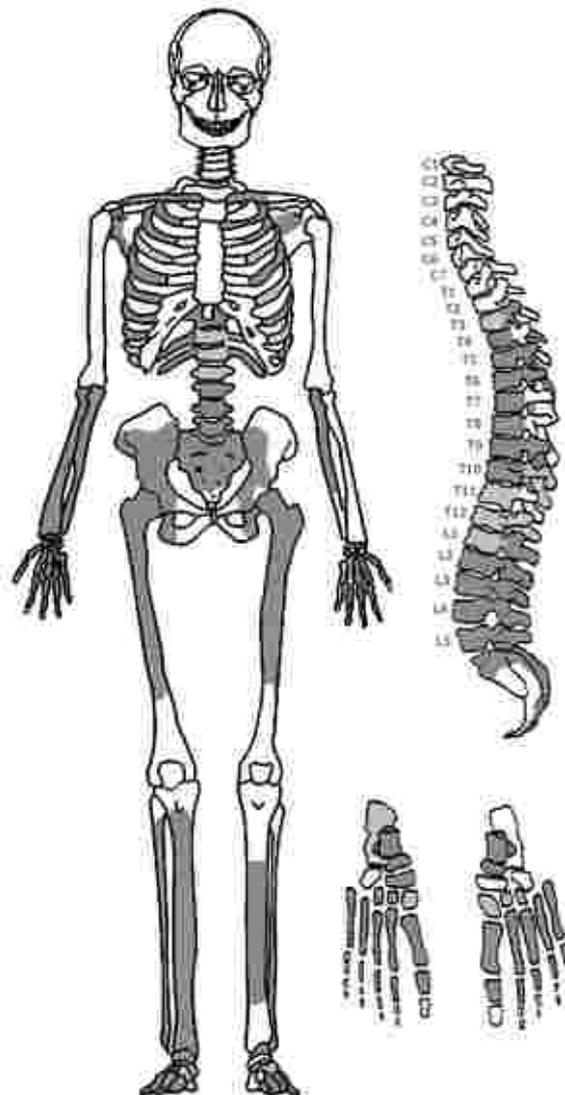
Burial Position and Details:

Plan No: 35D

Area No: 17

W-E orientation; simple, crouched burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T3	N/R	N/R	3, 4	0	N/R	N/R	N/R	0	0	0	0	N/R
T4	0	3	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T5	0	3, 4	0	0	0	4	N/R	0	0	0	0	N/R
T6	3	3, 4, 5	0	0	0	0	0	0	0	N/R	N/R	N/R
T7	0	3, 4	N/R	N/R	N/R	0	N/R	N/R	N/R	4	N/R	N/R
T8	3	3, 5	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T9	3, 4	3, 5	0	0	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R
T10	0	5	N/R	N/R	0			N/R	N/R	0		
T11	5	4	N/R	N/R	3			N/R	N/R	N/R		
T12	4	3, 4	0	N/R	0			0	N/R	0		
L1	0	3	0	0				0	0			
L2	5	3, 4	0	0				0	0			
L3	3, 4	3	0	0				0	0			
L4	3, 4	0	0	0				0	0			
L5	3, 4	3, 4	0	0				0	3			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T7, T8, T9, T10 and T11. Schmorl's nodes of moderate and marked expression are present at the vertebral bodies of T6 and L2 respectively.

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of T5-T9, T12 and L2-L5 in the form of surface pitting and osteophyte formation at the rim of the affected vertebral bodies.

Infection/ Joint

Possible Septic Arthritis

SK 885 exhibits extensive lesions of abnormal bone loss, periosteal reactive lesions and arthritic changes indicative of septic arthritis with secondary avascular necrosis in the left hip joint. Abnormal bone loss extending to the underlying trabecular bone is observable at the left acetabulum and left femoral head. Associated periosteal reactive lesions composed of both woven and sclerotic bone are present in both cases at the margins of the bone loss. Bone loss at the femoral head has resulted in significant resorption of the articular surface and the exposed trabecular exhibit an abnormally thickened appearance. A periarticular lesion of diffuse bone loss is also observable at the posterior aspect of the left ilium. This lesion exhibits an associated sclerotic periosteal reaction which extends across the posterior aspect of the ilium. Reactive bone deposits in the form of a perpendicular sclerotic bone formation are also observable at the neck of the left femur.

Arthritic changes at the affected joint surfaces of the pelvis and femur include sharp marginal lipping (i.e. marginal osteophyte formation) and surface porosity.

Trauma

Fractures

Healed fractures of unknown type are present at three right rib fragments. The fracture line is no longer evident in all three cases. Healing in the form of sclerotic callus bone formation is observable.

Joint

SK 885 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Glenoid Fossa
<i>Ribs</i>	Marginal osteophytes	3x Right Costal Facets
<i>Elbow</i>	Surface porosity , marginal osteophytes	Right proximal ulna and radius
<i>Hand</i>	Marginal osteophytes	Left and Right MC1
<i>Hip</i>	Periarticular resorptive foci and surface porosity	Left Acetabulum Right Acetabulum
<i>Foot</i>	Marginal osteophytes	Left and Right MT1

SK 885: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, intervertebral osteochondritis, DJD
Joint DJD, Septic Arthritis with secondary avascular necrosis
Infection Septic Arthritis with secondary avascular necrosis

SK 887

Adult

Probable Female

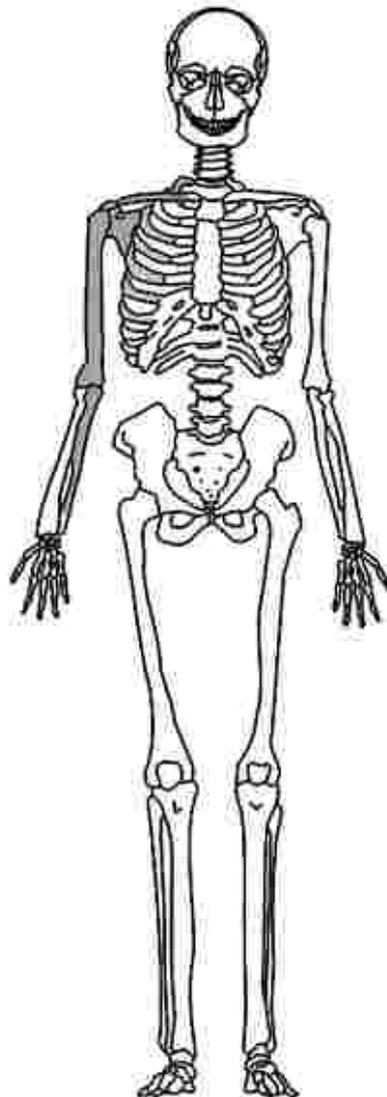
Burial Position and Details:

Plan No: 35E

Area No: 17

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

SK 887: Palaeopathological Summary and Differential Diagnoses

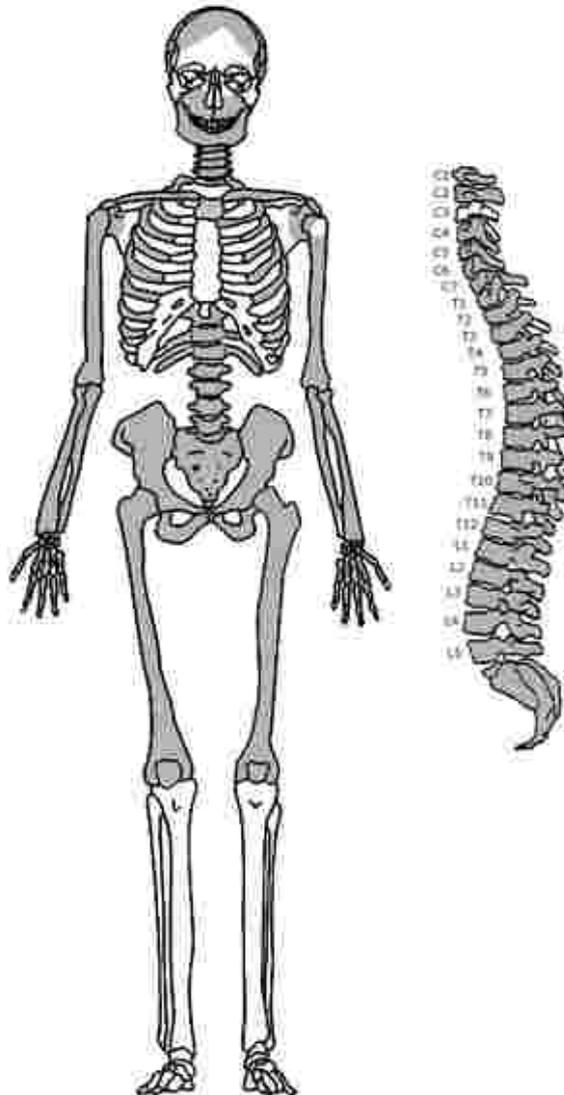
No pathological lesions were observed on the skeletal elements present for analysis.

SK 888**Young Adult****Male: 161.7cm****Burial Position and Details:**

Plan No: 35E

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing east. Both the arms and the legs were extended with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	N/P	2	2	2	N/P	2	2	2						
Period. Dis.	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	N/P	0	0	0	N/P	0	0	0						
Cyst	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	0	N/P	0	0	0	N/P	0	0	0						
Calculus	N/P	1	N/P	1	1	1	N/P	1	1	2						
	N/P	N/P	4	2	2	2	2	1	2	1	1	1	4	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	2	2	2	2	2	2	2	2	1	1	2	2	1

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 3 (porosity and coalescing of foramina) PH is exhibited adjacent to the sutures and bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	4	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	4	N/R	0	N/R	0	0	N/R	0	N/R
T2	0	0	4	0	0	N/R	0	0	0	4	N/R	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	4	0	N/R	N/R	0	0	0	N/R	0
T5	0	0	0	0	0	0	N/R	0	0	0	0	0
T6	0	0	N/R	0	0	0	N/R	0	0	N/R	N/R	0
T7	0	0	N/R	0	0	0	N/R	0	0	0	0	0
T8	0	0	N/R	4	0	4	N/R	0	0	N/R	0	0
T9	0	0	0	N/R	4	4	N/R	0	0	0	0	4
T10	0	3, 4,	N/R	N/R	0			0	0	N/R		
T11	3	5	0	N/R	0			0	N/R	0		
T12	3	4	0	0	4			0	0	4		
L1	3, 4	5	0	0				0	0			
L2	0	0	0	0				0	0			
L3	3	0	0	0				3	N/R			
L4	3, 4	0	3	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral bodies of T11 and L1.

*Trauma**Parry Fracture*

A parry fracture is present at the mid-shaft of the left ulna. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable.

Joint

SK 888 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left and right clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Manubrium Left and right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	Right Humeral Head 3x Left Costal Facets 1x Right Costal Facet

SK 888: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's node
<i>Joint</i>	DJD
<i>Metabolic</i>	Porotic Hyperostosis
<i>Trauma</i>	Parry fracture

SK 890

Adult

Sex Not Recordable

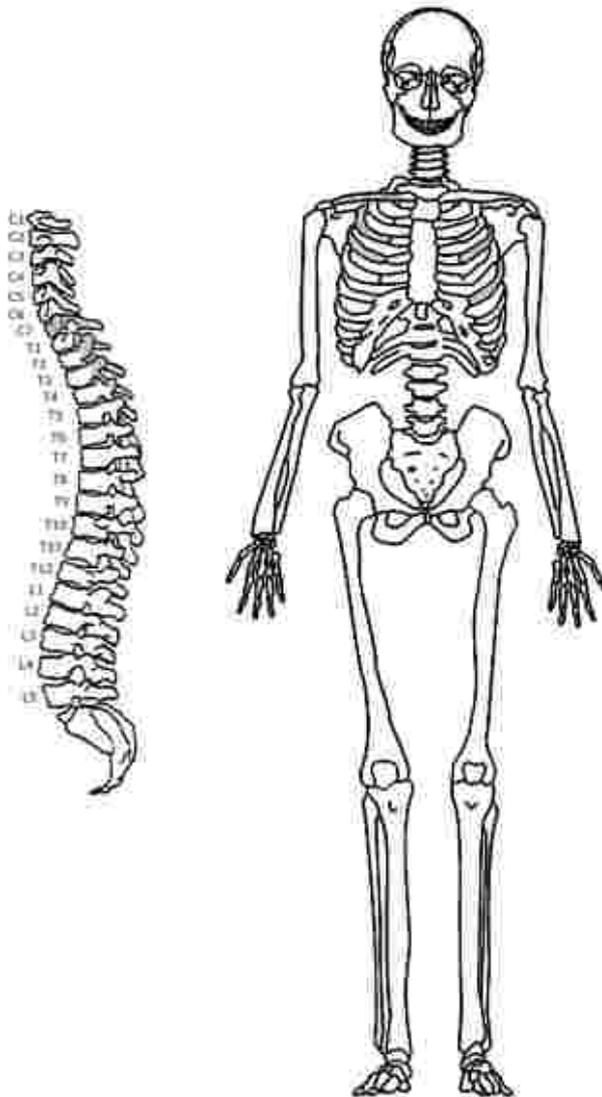
Burial Position and Details:

Plan No: 38

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 890: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 892

Adult

Sex Not Recordable

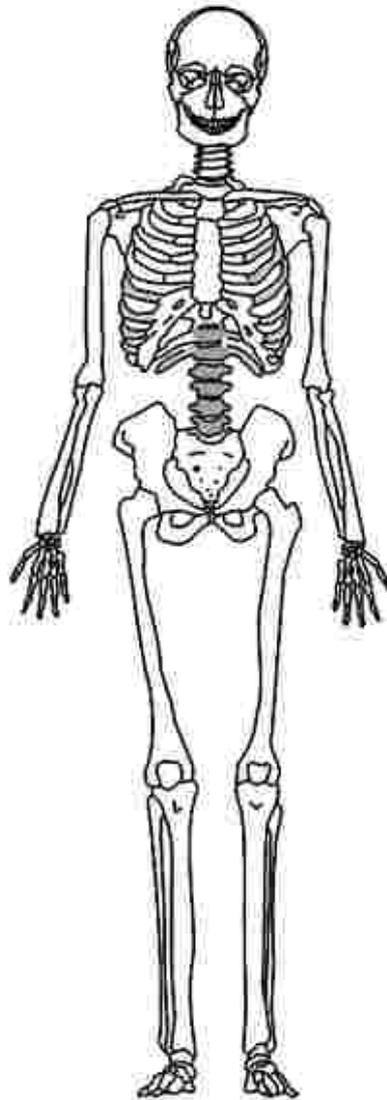
Burial Position and Details:

Plan No: 38

Area No: 24

Orientation not specified; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 892: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 893

Adult

Indeterminate Sex

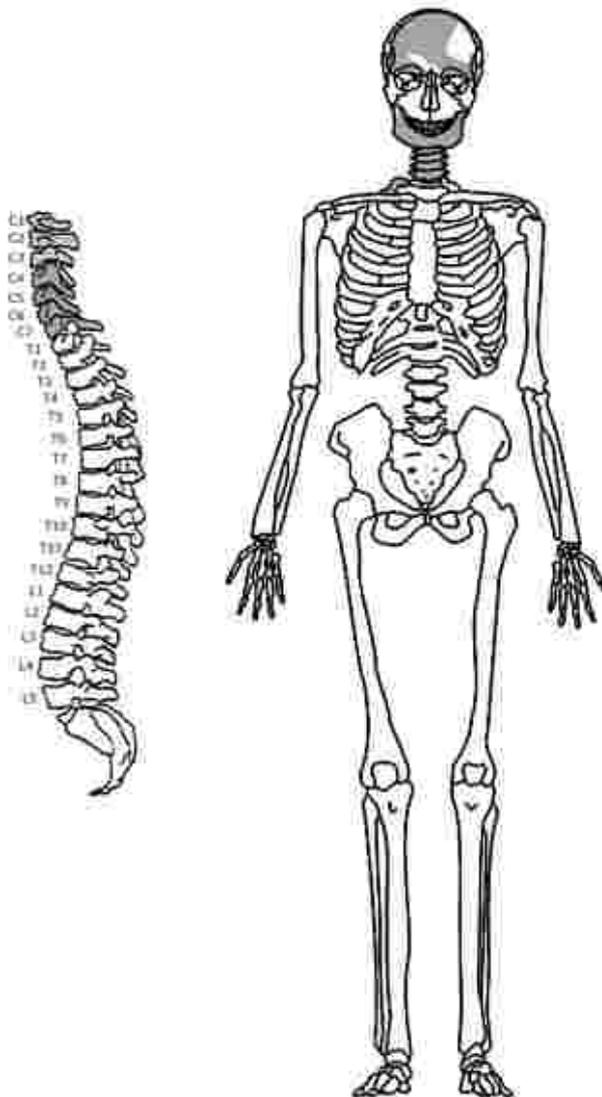
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	2	4	2	2	2	2	2	2	2	2	2	2	2	N/P
Calculus	N/P	2	N/P													
Caries	N/P	0	N/P													
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	N/P													
Period. Dis.	N/P	0	0	1	0	0	0	0	0	0	0	0	0	0	0	N/P
Attrition	N/P	3	N/P													

Dental Disease

Antemortem Tooth Loss

SK 893 exhibits antemortem tooth loss of a mandibular premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/R	N/R	N/R				3 + 4	0			
C2	N/R	0	N/R	N/R				N/R	N/R			
C3	N/R	N/R	N/R	N/R				N/R	N/R			
C4	4	3 + 4	N/R	N/R				N/R	N/R			
C5	3 + 4	3 + 4	2, 3 + 4	3				N/R	N/R			
C6	3 + 4	3 + 4	N/R	N/R				N/R	N/R			
C7	4	0	N/R	N/R				N/R	N/R			

SK 893: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition
Vertebral Intervertebral osteochondritis, Osteoarthritis

SK 894

Young Adult Male

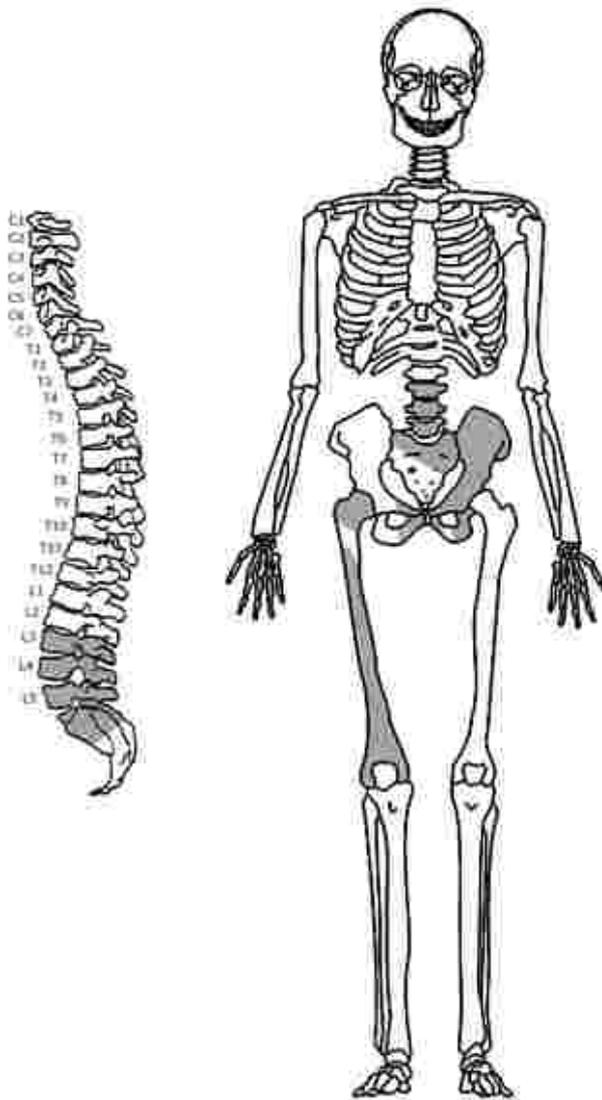
Burial Position and Details:

Plan No: 38

Area No: 24

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The hands were positioned over the pelvic region. The right leg was extended.

Visual Inventory



Preservation

Approximate Completeness: 25%
 Approximate Fragmentation: <25%
 Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
L3	4	3 + 4	0	0				0	0			
L4	4	3 + 4	0	0				N/R	0			
L5	4	3 + 4	3	N/R				3	3			

SK 894: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochodrosis

SK 895

Middle Adult

Probable Female: 150.5cm

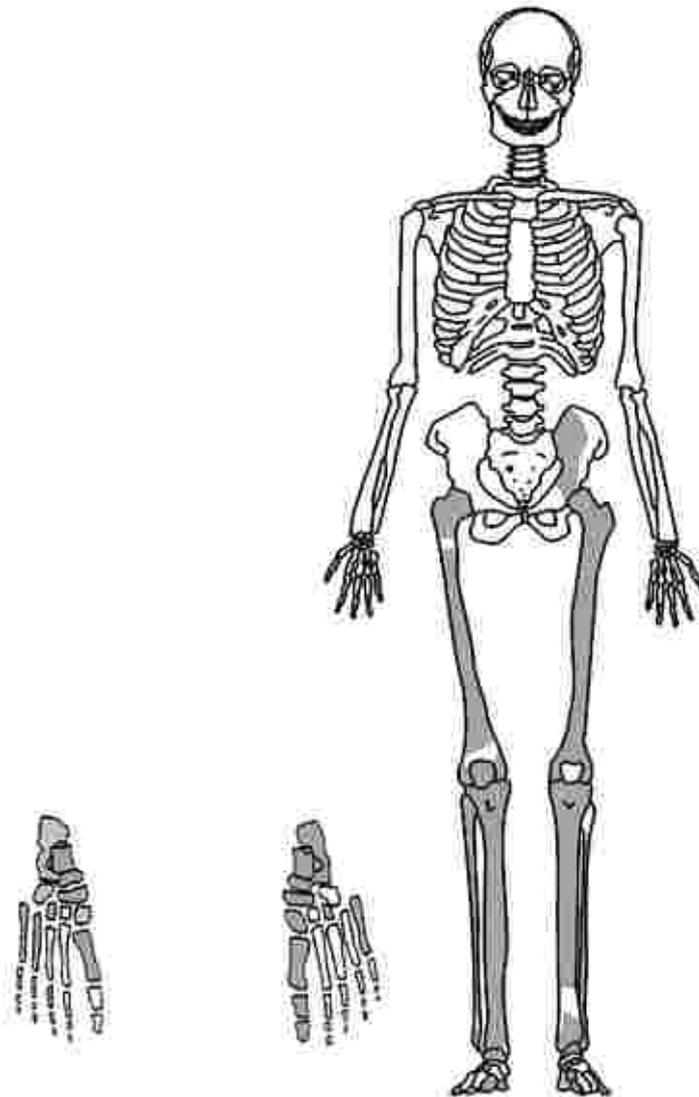
Burial Position and Details:

Plan No: 38

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 895 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Knee</i>	Surface osteophytes, surface porosity	Left and right Femoral and Tibial Condyles

SK 895: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 897

Adult

Probable Female: 149.6cm

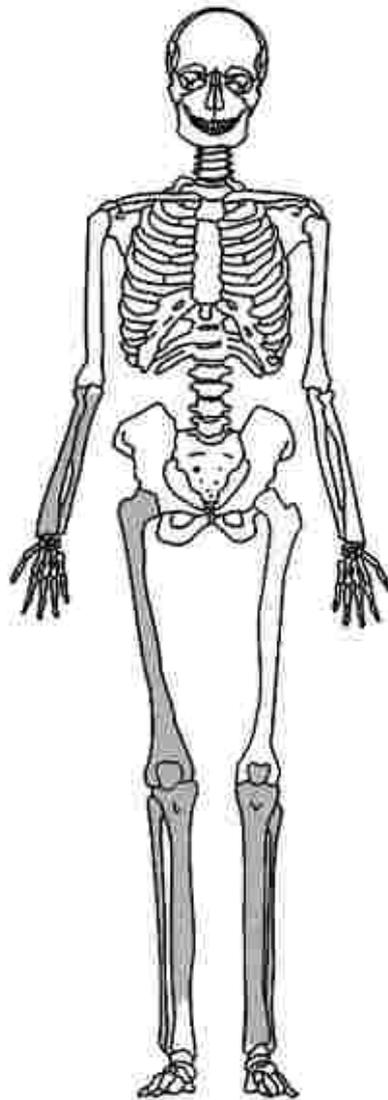
Burial Position and Details:

Plan No: 38A

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 897: Palaeopathological Summary and Differential Diagnoses

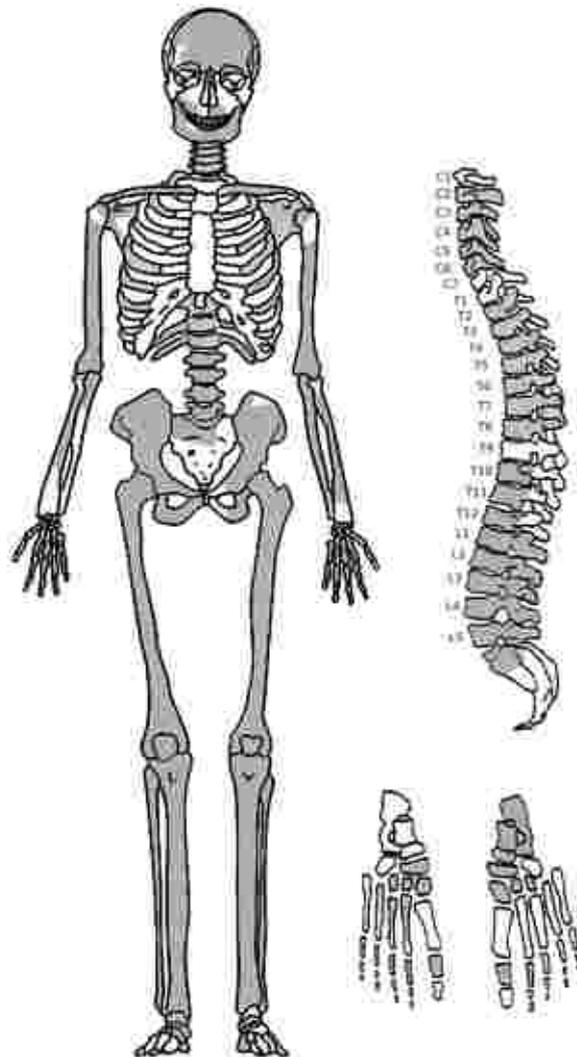
No pathological lesions were observed on the skeletal elements present for analysis.

SK 898A**Young Adult****Female: 160cm****Burial Position and Details:**

Plan No: 41

Area No: 26

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	N/P	1	N/P	0	N/P	1	N/P	1	N/P	1	0	0	1	1	0
Period. Dis.	0	0	0	0	0	0	0	N/P	0	0	0	0	0	N/P	N/P	N/P
E.Hypoplasia	0	N/P	0	0	0	0	0	0								
Cyst	0	0	0	0	0	0	0	N/P	0	0	0	0	0	N/P	N/P	N/P
Abscess	0	0	0	0	0	0	0	N/P	0	0	0	0	0	N/P	N/P	N/P
Caries	0	N/P	0	0	0	0	0	0								
Calculus	1	N/P	1	1	1	1	1	1								
	1	2	1	2	1	2	1	N/P	1	2	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	2	1	2	2	1	1	1	2	1	2	1	1	1	1	N/P
Calculus	N/P	N/P	1	N/P	N/P	2	2	2	N/P	2	N/P	1	1	1	1	N/P
Caries	N/P	N/P	0	N/P	N/P	0	0	0	N/P	0	N/P	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	N/P	0	N/P	N/P	0	0	0	N/P	0	N/P	0	0	0	0	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	N/P
Attrition	N/P	N/P	1	N/P	N/P	1	1	1	N/P	1	N/P	1	1	1	1	N/P

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	N/R				N/R	N/R			
C3	0	0	N/R	N/R				N/R	N/R			
C4	0	0	N/R	N/R				N/R	N/R			
C5	0	4	N/R	N/R				N/R	N/R			
C6	0	0	N/R	N/R				N/R	N/R			
T1	No pathological lesions are evident on the four unnumbered vertebrae which are present for analysis.											
T2												
T3												
T4												
T5												
T6	0	4	0	0	N/R	0	N/R	0	0	0	N/R	0
T7	0	0	N/R	0	0	N/R	N/R	0	0	0	N/R	0
T8	0	0	0	0	0	0	0	0	0	0	N/R	0
T9	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	0	0	N/R	N/R	N/R			0	0	0		
T11	0	0	0	N/R	0			N/R	N/R	0		
T12	0	0	N/R	N/R	0			0	N/R	0		
L1	5	5	0	0				0	0			
L2	5	0	0	0				0	0			
L3	5	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of L1 and L3. Schmorl's nodes of mild and marked expression are present at the vertebral bodies of L1 and L2 respectively.

SK 898A: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Vertebral Schmorl's nodes

SK 898B

Adult

Sex Not Recordable

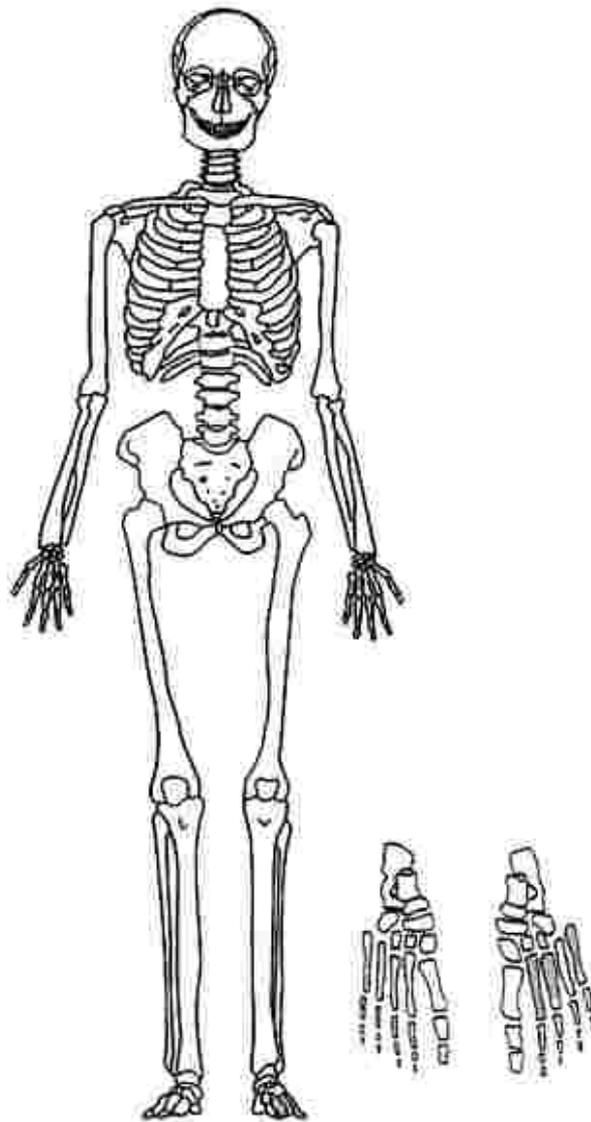
Burial Position and Details:

Plan No: Not specified

Area No: 26

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 898B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 901

Adult

Sex Not Recordable

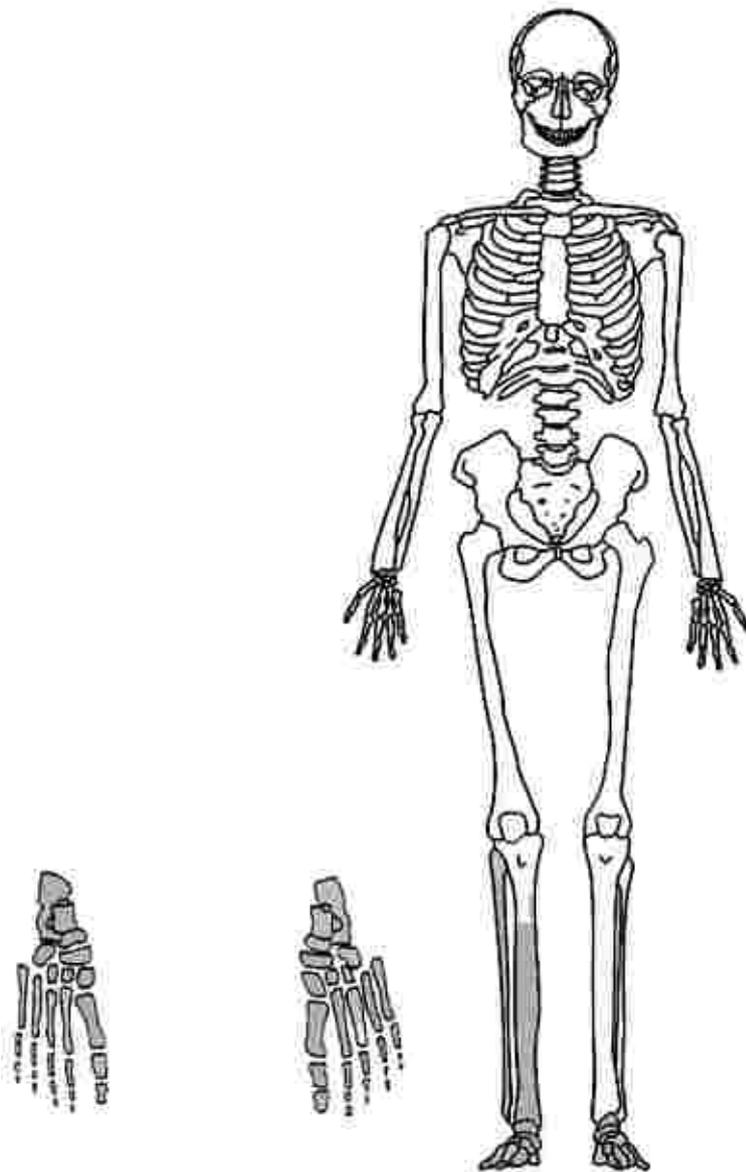
Burial Position and Details:

Plan No: 32F

Area No: 20

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 901 exhibits a periosteal reactive lesion at the right tibia. Reactive bone deposits in the form of woven bone are present at the medial aspect of the distal shaft.

Miscellaneous Pathology/ Neoplastic

Possible Solitary Enostosis

A discreet lesion of abnormal sclerotic bone formation is observable at the anterior aspect of the mid-shaft of the left MT5. The aetiology of this lesion is unclear however it may be as a result of a benign neoplastic bone formation such as a solitary enostosis.

SK 901: Palaeopathological Summary and Differential Diagnoses

<i>Infection</i>	Non-specific: reactive bone deposits
<i>Neoplastic</i>	Possible Solitary Enostosis
<i>Miscellaneous</i>	Abnormal bone formation

SK 904

Middle Adult

Indeterminate Sex

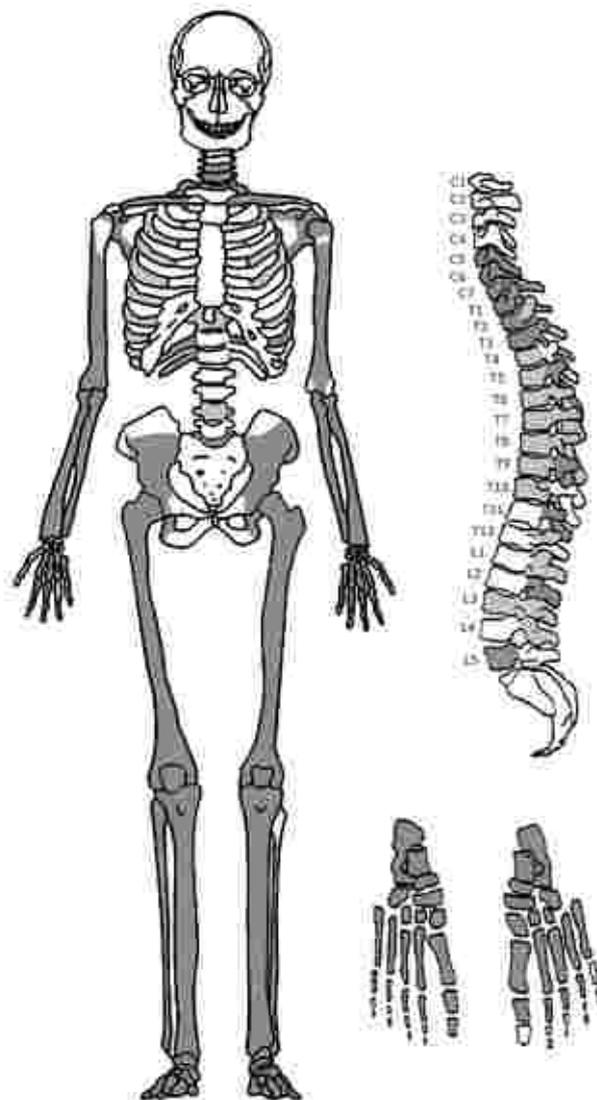
Burial Position and Details:

Plan No: 43

Area No: 25

W-E orientation; simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 904 exhibits periosteal lesions of a number of right ribs. Reactive bone deposits in the form woven bone are observable on the visceral surface of the right 3rd rib adjacent to the rib neck. Sclerotic bone is also present at the visceral surfaces of a further 3 unnumbered right ribs. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Trauma

Fracture

A fracture is present in an unnumbered left rib fragment. The fracture line is still evident. Healing in the form of both woven and sclerotic callus bone formation is also observable. This fracture appears to have been in the process of healing at the time of death.

Joint

SK 904 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Hand</i>	Marginal osteophytes , eburnation	Left MC1, 1 st and 4 th proximal phalanges and an unnumbered intermediate phalanx 2x Right proximal phalanges and 4x intermediate phalanges
<i>Hip</i>	Surface porosity	Left Acetabulum

SK 904: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis, DJD
Infection Non-specific: reactive bone deposits
Trauma Fracture

SK 905

Middle Adult

Male: 163.6cm

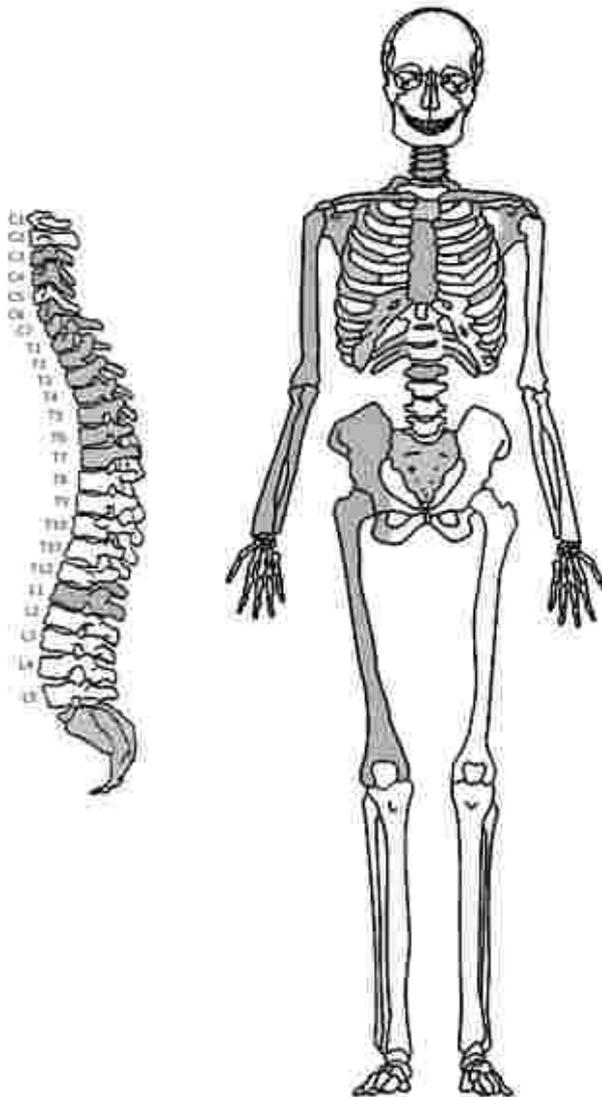
Burial Position and Details:

Plan No: 43A

Area No: 25

W-E orientation; simple, extended supine burial of good completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis. The right leg was extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C3	3 + 4	0	3	3				2, 3 + 4	2, 3 + 4			
C4	3 + 4	3	2 + 3	3				2, 3 + 4	3			
C6	0	4	0	0				0	0			
C7	4	0	N/R	N/R				N/R	N/R			
T1	0	0	0	0	4	N/R	0	N/R	0	4	0	N/R
T2	0	0	0	0	0	0	N/R	0	0	4	0	3
T3	4	3 + 4	N/R	N/R	0	0	N/R	0	N/R	4	4	N/R
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	0	3	N/R	N/R	4	0	N/R	0	N/R	0	0	N/R
T6	4	3 + 4	N/R	N/R	0	0	N/R	N/R	N/R	4	0	N/R
T7	3	4	N/R	N/R	0	4	N/R	N/R	N/R	0	0	N/R
T8	0	N/R	N/R	N/R	N/R	4	N/R	N/R	N/R	4	0	0
L1	5	3 + 5	3	0				0	0			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L1.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right and left superior apophyseal vertebral facets of C4 and the left superior and inferior apophyseal vertebral facets of C3 in the form of eburnation, surface porosity and marginal osteophyte formation.

Joint

SK 905 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Left Clavicle and acromion process
<i>Sternoclavicular</i>	Surface porosity, surface osteophytes	Left and right Clavicle
<i>Glenohumeral</i>	Eburnation, marginal osteophytes, surface porosity	Right Humeral Head and glenoid fossa
<i>Ribs</i>	Marginal osteophytes	2x Right Costal Facets
<i>Elbow</i>	Marginal osteophytes	Right proximal ulna
<i>Wrist</i>	Marginal osteophytes, eburnation	Right distal ulna

SK 905: Palaeopathological Summary and Differential Diagnoses

Vertebral Joint Schmorl's nodes, Intervertebral osteochondrosis, DJD, Osteoarthritis
Osteoarthritis, DJD

SK 907

Middle Adult

Indeterminate Sex

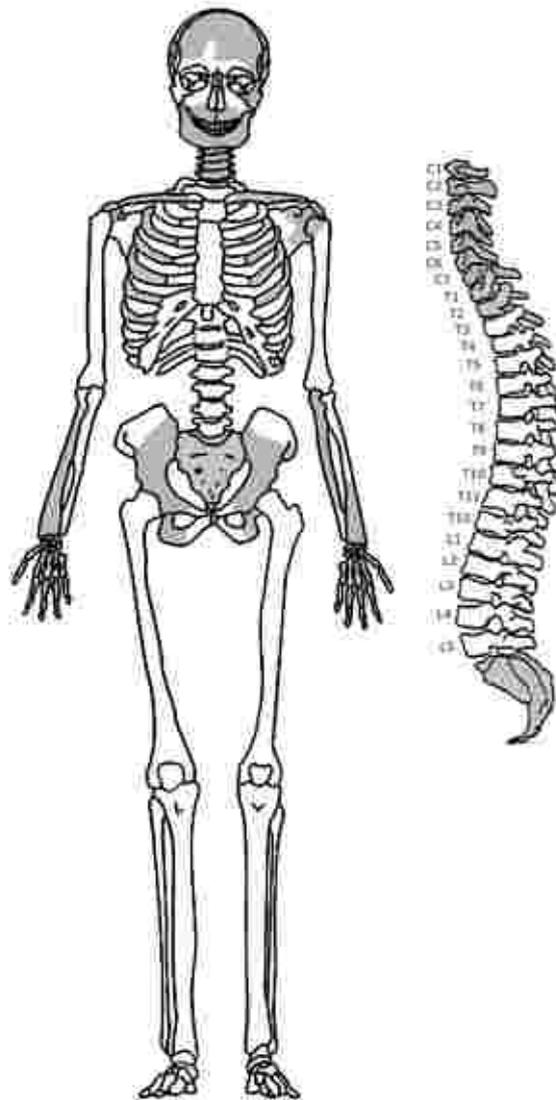
Burial Position and Details:

Plan No: 32G

Area No: 26

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Dentition

Attrition	N/P	N/P	N/R	3	2	2	1	3	3	2	2	N/R	N/R	3	N/P	N/P
Period. Dis.	N/P	N/P	N/R	3	2	N/R	1	N/R	N/R	N/R	N/R	N/R	N/R	1	N/P	N/P
E.Hypoplasia	N/P	N/P	N/R	0	0	0	0	0	0	0	0	N/R	N/R	0	N/P	N/P
Cyst	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Abscess	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Caries	N/P	N/P	N/R	0	0	0	0	0	0	0	0	N/R	N/R	1	N/P	N/P
Calculus	N/P	N/P	N/R	1	1	1	1	1	1	1	1	N/R	N/R	1	N/P	N/P
	N/P	N/P	N/R	1	1	1	1	1	1	1	1	1	2	1	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	1	1	1	1	1	1	1	2	1	1	1	1	4	4	1
Calculus	N/R	0	1	1	2	2	2	1	N/R	2	2	2	1	N/R	N/R	1
Caries	N/R	0	0	0	0	0	0	0	N/R	0	0	0	0	N/R	N/R	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R	0
Cyst	0	0	0	0	0	0	0	0	1	0	0	0	0	N/R	N/R	0
E.Hypoplasia	N/R	0	0	0	0	0	0	0	N/R	0	0	0	0	N/R	N/R	0
Period. Dis.	N/R	0	1	1	1	1	1	1	N/R	0	1	1	1	N/R	N/R	3
Attrition	N/R	2	3	1	1	2	2	2	N/R	2	2	1	2	N/R	N/R	2

Dental Disease

Antemortem Tooth Loss

SK 907 exhibits antemortem tooth loss of 2 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Cyst/ Abscess

Tooth 31: Large cyst/ abscess present at the tooth site

Tooth 32: Large cyst/ abscess present at the tooth site

Cranial Pathology

Metabolic

Cribrra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate, antero-medial, middle-intermediate and middle-medial sector of the left orbital roof. A combination of type 1 and type 3 (large and small isolated fine foramina) CO is exhibited in the antero-intermediate, antero-medial, middle-intermediate and middle-medial sector of the right orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures and bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

SK 907: Palaeopathological Summary and Differential Diagnoses

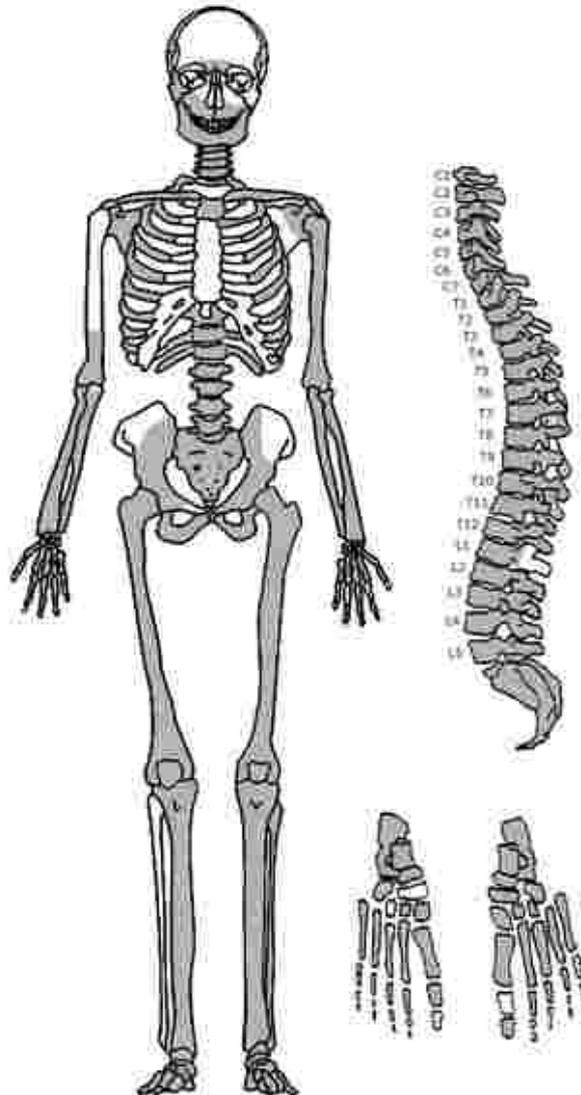
Dental Antemortem tooth loss, dental cyst/ abscess, periodontal disease, calculus, dental caries, dental attrition
Metabolic Porotic Hyperostosis , CO

SK 909**Young Adult****Female: 146.3cm****Burial Position and Details:**

Plan No: Not specified

Area No: 24

E-W orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the right side. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	2	2	2	2	1	1	2	2	2	1	2	2	2	2	2	
Period. Dis.	2	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Calculus		1	1	1	1	1	1	N/P	1	1	1	1	1	1	1	1	1
Caries		1	1	1	0	0	0	N/P	0	0	0	0	0	0	0	0	0
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0
Period. Dis.		2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2
Attrition		2	2	2	2	2	2	N/P	2	2	2	2	2	2	2	2	2

Dental Disease

Caries

Tooth 17: Medium sized carious lesion present on distal aspect at neck of tooth; associated abscess at apex of buccal and lingual roots

Tooth 28: Small sized carious lesion present at medial aspect of neck of tooth

Tooth 46: Small sized carious lesion present at buccal aspect of neck of tooth

Tooth 47: Small sized carious lesion present at buccal aspect of neck of tooth

Tooth 48: Small sized carious lesion present at buccal aspect of neck of tooth

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	4	0	0				0	0			
C4	4	3, 4	0	0				0	0			
C5	4	4	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	N/R	0	0	0	0	0	N/R
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	3	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T6	0	5	0	0	4	0	N/R	0	0	0	4	0
T7	0	4	N/R	0	0	0	N/R	0	0	0	0	N/R
T8	0	0	N/R	N/R	0	4	N/R	N/R	N/R	0	0	N/R
T9	0	0	0	0	0	0	N/R	0	0	0	0	3
T10	5	5	0	0	4			0	0	4		
T11	3, 4	5	0	0	0			0	0	0		
T12	5	5	3	0	0			0	0	0		
L1	3, 5	5	0	N/R				N/R	N/R			
L2	5	3, 4, 5	0	4				N/R	0			
L3	3, 4, 5	3	3, 4	0				3, 4	0			
L4	3, 4, 5	0	0	0				0	0			
L5	0	3, 4	0	0				0	3			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T10, T11 and L2. Schmorl's nodes of moderate expression are present at the vertebral bodies of L1 and L4. A Schmorl's node of marked expression is present at the vertebral body of L2.

SK 909: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition
Vertebral Schmorl's nodes, Intervertebral osteochondrosis

SK 910

Young Adult

Female: 155.8cm

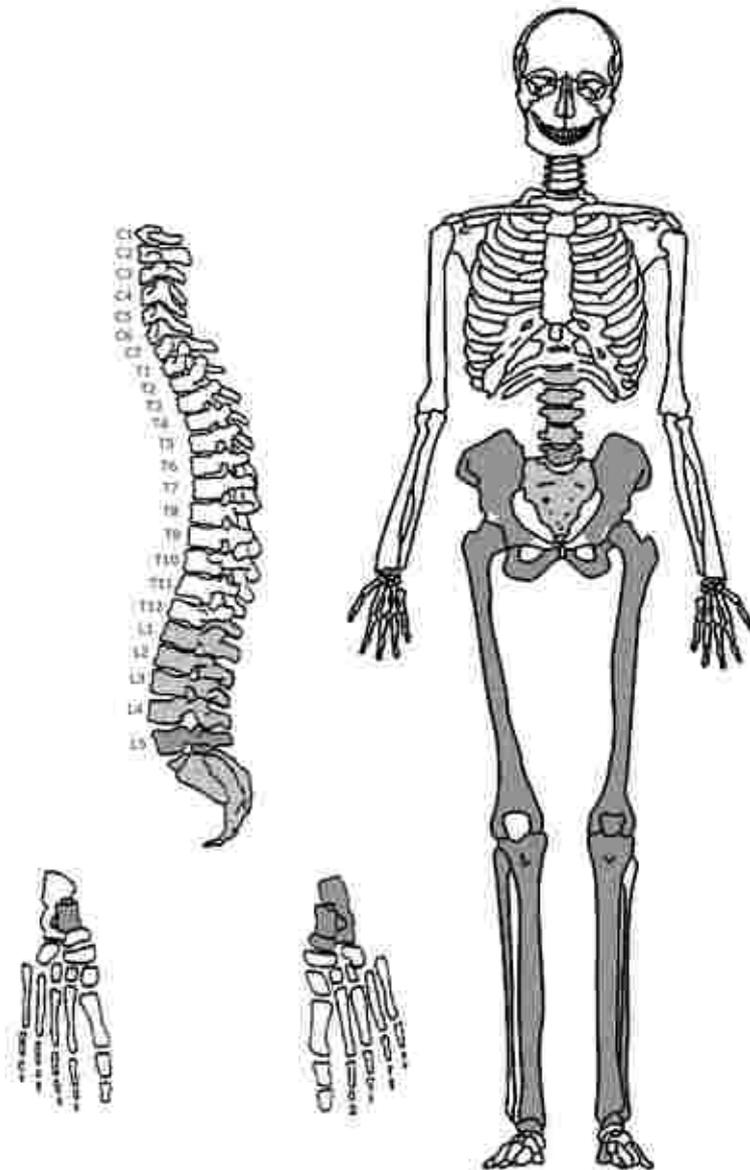
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 910: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 911

Young Adult

Female

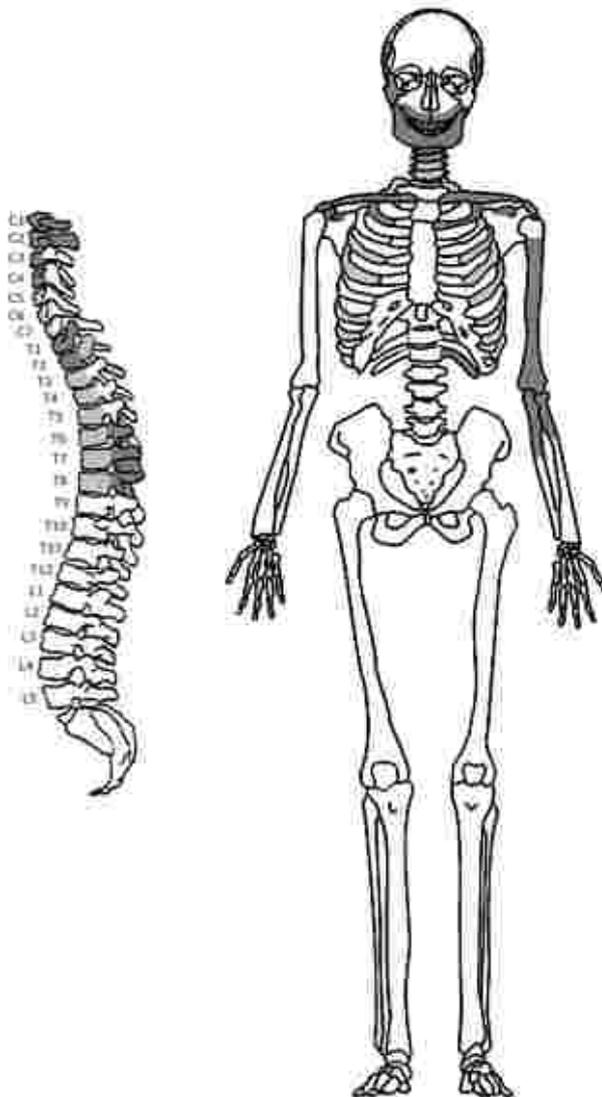
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	0	1	1	1	0	1	0	N/R	1	1	1	0	0	1	1	0
Period. Dis.	0	0	N/R	1	1	1	0	N/R	N/R	N/R	N/R	2	1	N/R	1	1
E.Hypoplasia	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	N/R	0	0	0	0	0	N/R	0	0
Abscess	0	0	1	0	0	0	0	N/R	0	0	0	0	0	N/R	0	0
Caries	0	0	3	1	0	0	0	N/R	0	0	0	0	0	0	2	0
Calculus	1	2	2	2	2	1	0	N/R	1	0	1	1	1	2	1	1
	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1
Calculus	1	3	3	3	2	2	N/R	1	1	1	2	1	1	N/R	N/R	1
Caries	0	0	0	0	0	0	N/R	0	0	0	0	0	0	3	N/R	0
Abscess	0	0	0	0	0	0	N/R	N/R	N/R	1	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/R	0	0	0	0	0	0	N/R	N/R	0
Period. Dis.	0	1	1	1	N/R	N/R	N/R	N/R	N/R	1	1	2	1	1	N/R	1
Attrition	0	1	1	0	0	0	N/R	1	1	1	1	0	0	N/R	N/R	0

Dental Disease

Caries, Abscess/ Cyst

Tooth 16: Abscess/ cyst present at tooth site with associated circumferential sclerotic bone.

Tooth 36: Large carious lesion present which has eroded the tooth crown so that only the root remains.

SK 911: Palaeopathological Summary and Differential Diagnoses

Dental Caries, dental abscess/ cyst, periodontal disease, calculus, dental attrition

SK 912

Young Adult

Female

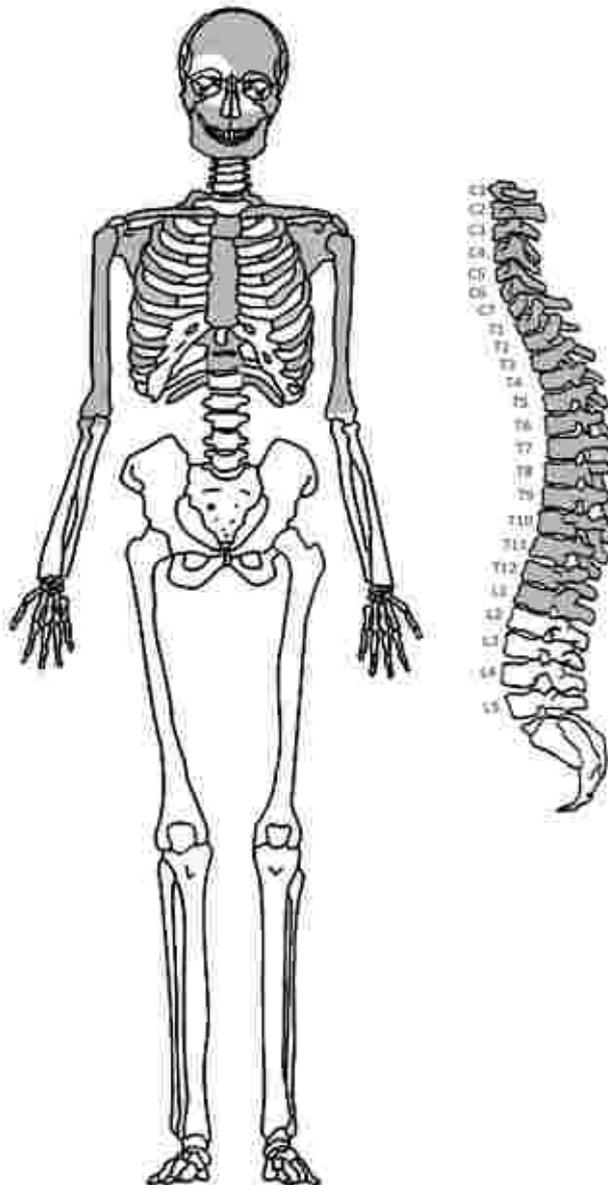
Burial Position and Details:

Plan No: 38A

Area No: 24

E-W orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned facing north. The arms were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

Dentition

Attrition	0	2	2	0	0	1	2	2	2	2	2	2	2	N/P	2	1	
Period. Dis.	0	0	0	0	2	2	2	2	2	1	N/R	2	N/R	3	3	3	
E.Hypoplasia	0	0	0	0	0	1	1	1	1	1	1	0	0	N/P	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
Caries	0	0	0	0	0	0	0	0	0	0	0	0	1	N/P	1	0	
Calculus	1	2	2	2	2	1	1	1	1	1	1	1	2	2	N/P	2	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	
Calculus	N/P	2	2	N/P	2	1	2	2	2	2	1	2	2	2	2	2	
Caries	N/P	0	1	N/P	0	1	1	0	0	0	0	0	0	0	0	0	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	N/P	0	1	1	1	1	1	1	0	0	0	0	0	
Period. Dis.	N/P	2	2	3	2	2	2	2	2	2	2	1	1	2	1	1	
Attrition	N/P	2	3	N/P	1	2	2	2	2	2	2	2	1	2	2	1	

Dental Disease

Antemortem Tooth Loss

SK 912 exhibits antemortem tooth loss of a mandibular premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries, Abscess, Cyst

Tooth 25: Small carious lesion present on the distal aspect at the neck of the tooth

Tooth 26: Cyst present at the site of the lingual root of tooth 46 resulting in significant resorption of the alveolar bone; possible abscess also exhibited at the site of the most distal buccal root which has penetrated the floor of the left maxillary sinus

Tooth 27: Small carious lesion present on the distal aspect at the neck of the tooth

Tooth 42: Small carious lesion present on the distal aspect at the neck of the tooth, corresponding caries on tooth 43

Tooth 43: Small carious lesion present on the mesial aspect at the neck of the tooth, corresponding caries on tooth 42

Tooth 47: Small carious lesion present on the distal aspect at the neck of the tooth

Enamel Hypoplasia

SK 912 exhibits extensive enamel hypoplasia in all four dental quadrants.

Tooth 11: 2 hypoplastic grooves present; 3.06mm and 5.99mm from the cemento-enamel junction respectively

Tooth 12: 2 hypoplastic grooves present; 2.39mm and 4.38mm from the cemento-enamel junction respectively

Tooth 13: 2 hypoplastic grooves present; 2.17mm and 3.96mm from the cemento-enamel junction respectively

Tooth 21: 2 hypoplastic grooves present; 4.3mm and 6.34mm from the cemento-enamel junction respectively

Tooth 22: 2 hypoplastic grooves present; 1.83mm and 4.5mm from the cemento-enamel junction respectively

Tooth 23: 2 hypoplastic grooves present; 2.42mm and 4.4mm from the cemento-enamel junction respectively

Tooth 31: 2 hypoplastic grooves present; 2.27mm and 4.42mm from the cemento-enamel junction respectively

Tooth 32: 2 hypoplastic grooves present; 2.95mm and 5.46mm from the cemento-enamel junction respectively

Tooth 33: 2 hypoplastic grooves present; 3.03mm and 4.91mm from the cemento-enamel junction respectively

Tooth 41: 2 hypoplastic grooves present; 2.79mm and 5.01mm from the cemento-enamel junction respectively

Tooth 42: 1 hypoplastic groove present; 2.77mm from the cemento-enamel junction

Tooth 43: 2 hypoplastic grooves present; 3.04mm and 5.06mm from the cemento-enamel junction respectively

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, antero-intermediate and antero-medial sector of the left orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7 and T10.

Schmorl's nodes of marked expression are present at the vertebral bodies of T6, T7, T8, T9, T10, T11, T12 and L1

Joint

SK 912 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Left Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	Left and Right acromion process 2x Left Costal Facets 4x Right Costal Facets

Trauma

Os Acromiale

SK 912 exhibits congenital non-fusion of the left acromion process.

SK 912: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental abscess, cyst, periodontal disease, calculus, dental attrition, enamel hypoplasia, oro-antral fistula
Vertebral Schmorl's nodes, Intervertebral osteochondrosis
Joint DJD
Metabolic CO
Trauma *Os Acromiale*

SK 916

Adult

Sex Not Recordable

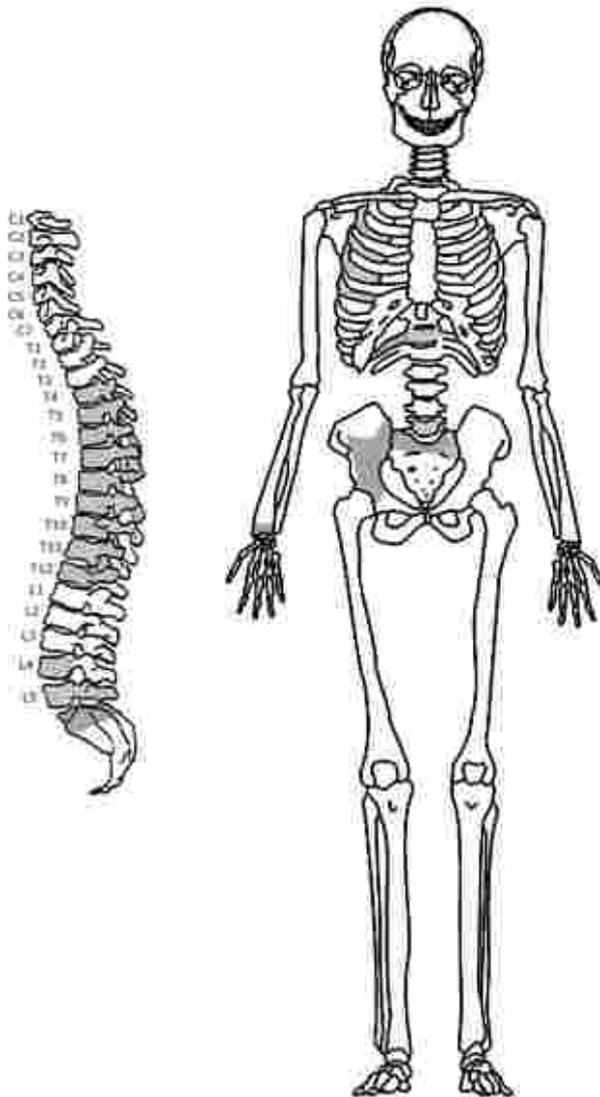
Burial Position and Details:

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 916: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 917

Young Adult Male

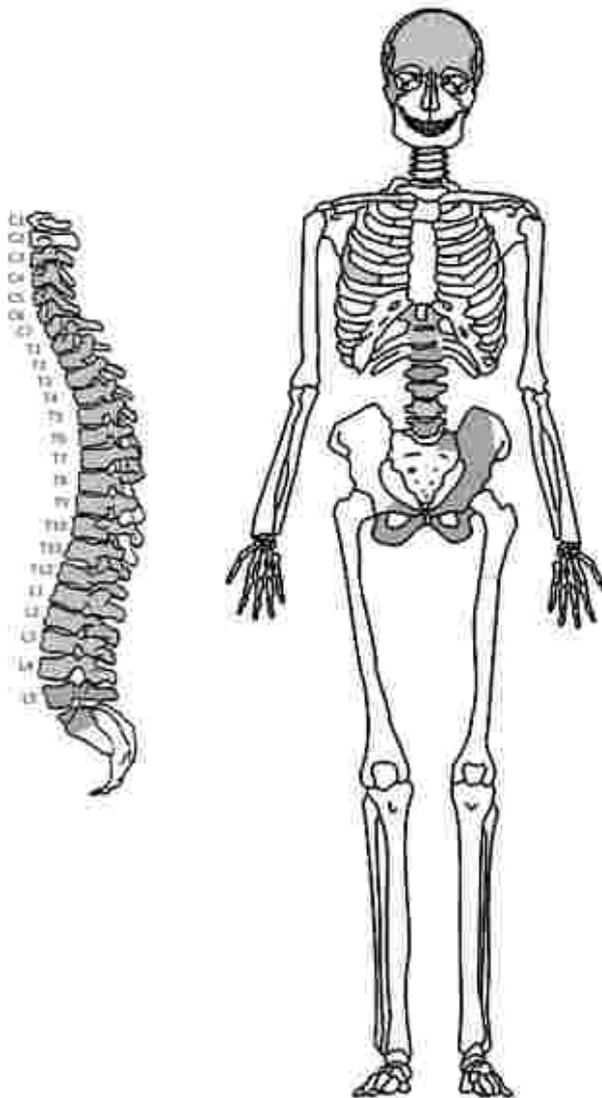
Burial Position and Details:

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Cranial Pathology

Trauma

Perimortem Sharp-force trauma

A large sharp-force weapon wound is present at the left frontal. The wound is linear in shape measuring 40.79mm in length. There is no observable healing indicating this wound was inflicted perimortem.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans												
C1	[Redacted]																							
C2																								
C3																								
C4													No pathological lesions observed on the cervical vertebrae											
C5													[Redacted]											
C6																								
C7																								
T1	[Redacted]																							
T2																								
T3																								
T4																								
T5													48 vertebral body fragments and 42 neural arch fragments are present for the thoracic vertebrae.											
T6													Highly fragmented											
T7																								
T8																								
T9																								
T10																								
T11																								
T12																								
L1	0	4	N/R	N/R	[Redacted]			N/R	N/R	[Redacted]														
L2	4	3 + 4	N/R	N/R				N/R	N/R															
L3	3 + 4	4	3	3				3	3															
L4	4	N/R	3	3				3	0															
L5	3 + 4	0	3	3				3	3															

Ankylosis

Ossification of the anterior longitudinal ligament is evident on L2 and L5 indicating the possible early stages of ankylosis.

Trauma

Spondylolysis

Unilateral spondylolysis is exhibited at the right pars interarticularis of L5.

SK 917: Palaeopathological Summary and Differential Diagnoses

Vertebral Ankylosis
Trauma Perimortem Sharp-force cranial trauma
Trauma Spondylolysis

SK 918

Adult

Sex Not Recordable

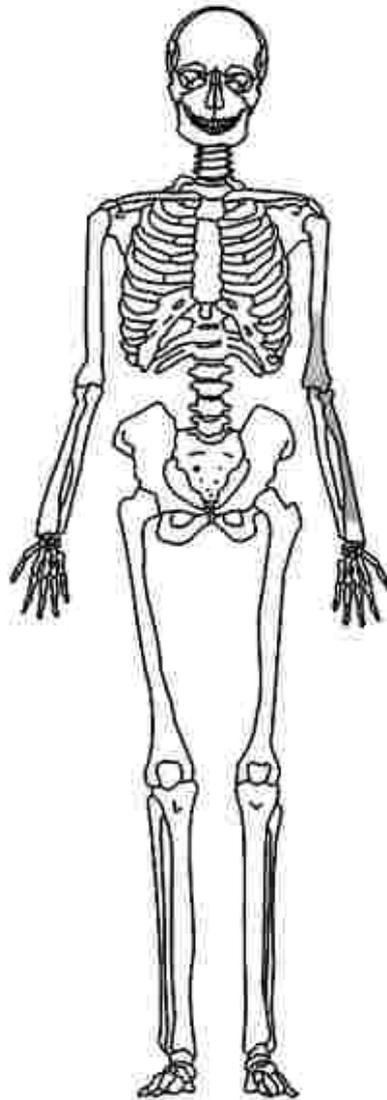
Burial Position and Details:

Plan No: 38A

Area No: 24

Orientation not specified; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 918: Palaeopathological Summary and Differential Diagnoses

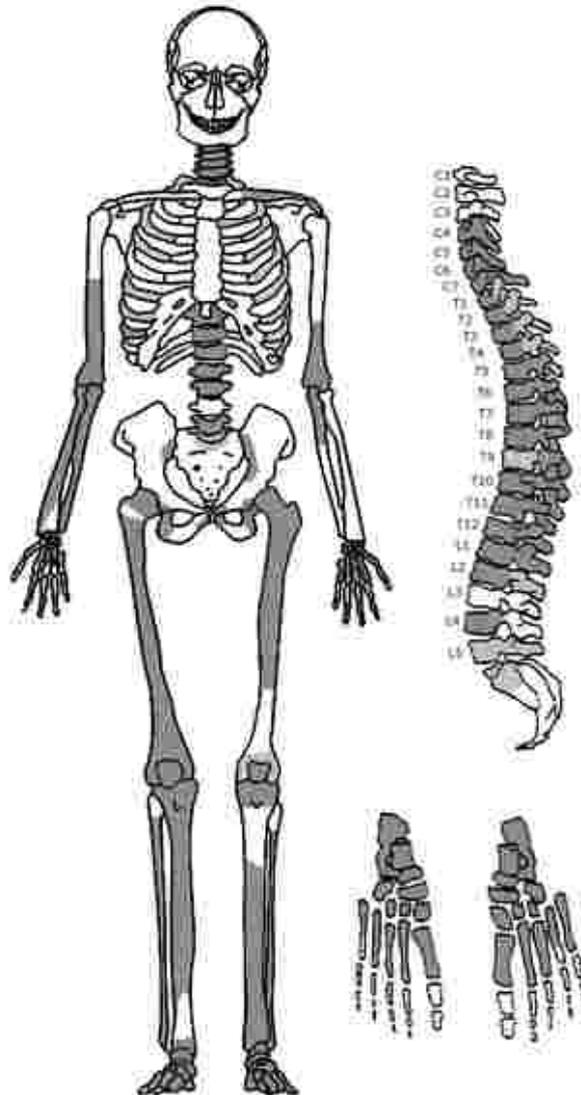
No pathological lesions were observed on the skeletal elements present for analysis.

SK 919**Middle Adult****Female****Burial Position and Details:**

Plan No: Not specified

Area No: 21/25

Orientation not specified: simple, extended supine burial of good completeness and moderate preservation. The right arm was flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region. The left arm was extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	3	0	0	0				3	0			
C5	3	3	0	0				0	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	3	0	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R
T2	0	0	0	N/R	4	0	N/R	N/R	N/R	N/R	N/R	N/R
T3	0	0	N/R	0	N/R	N/R	N/R	0	0	0	N/R	N/R
T4	0	0	0	4	N/R	0	N/R	N/R	4	0	N/R	N/R
T5	0	0	0	0	0	N/R	0	0	0	0	0	N/R
T6	0	3	0	0	0	0	4	0	0	0	0	0
T7	0	0	0	4	0	N/R	N/R	0	0	0	N/R	N/R
T8	0	3	0	0	0	0	3	0	0	4	0	3
T9	3	0	0	0	0	N/R	N/R	0	0	N/R	N/R	N/R
T10	0	0	0	3, 4	4			0	4	0		
T11	N/R	0	3	0	0			3	3	N/R		
T12	0	0	0	3	4			3	0	N/R		
L1	4	0	0	0				0	N/R			
L2	3	0	0	N/R				N/R	N/R			
L4	3	0	N/R	N/R				N/R	N/R			
L5	0	0	N/R	N/R				N/R	N/R			

Joint

SK 919 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity, marginal osteophytes	Left Clavicle
<i>Ribs</i>	Surface porosity	1x Left Costal Facet
<i>Elbow</i>	Marginal osteophytes	Left and right proximal ulna
<i>Hand</i>	Marginal osteophytes	Left MC1
<i>Hip</i>	Surface porosity	Right MC1, 1 st proximal phalanx Left Acetabulum

SK 919: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochondrosis, DJD
Joint DJD, Osteoarthritis

SK 924**Middle Adult****Male****Burial Position and Details:**

Plan No: Not specified

Area No: 26

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned on its left side. Both arms were extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0
Cyst	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1
Calculus	1	2	2	1	2	2	N/P	2	2	2	2	N/P	2	2	1	1
Caries	0	0	0	0	0	0	N/P	0	0	0	0	N/P	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	1	1	N/P	0	0	0	0	N/P	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
Attrition	1	1	1	1	1	1	N/P	2	2	2	1	N/P	1	2	1	1

Dental Disease

Unusual dental attrition pattern

In SK 924's the mandibular incisors are worn on the lingual aspect of the teeth and on the corresponding maxillary teeth the wear pattern is also apparent on the lingual surface.

Enamel Hypoplasia

Tooth 12: 1 hypoplastic groove present; 1.57mm from the cemento-enamel junction

Tooth 13: 1 hypoplastic groove present; 2.30mm from the cemento-enamel junction

Tooth 14: 2 hypoplastic grooves present; 2.09mm and 2.90mm from the cemento-enamel junction respectively

Tooth 15: 2 hypoplastic grooves present; 2.05mm and 4.46mm from the cemento-enamel junction respectively

Tooth 24: 1 hypoplastic groove present; 2.97mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 3.01mm from the cemento-enamel junction

Tooth 44: 1 hypoplastic groove present; 3.93mm from the cemento-enamel junction

SK 924: Palaeopathological Summary and Differential Diagnoses

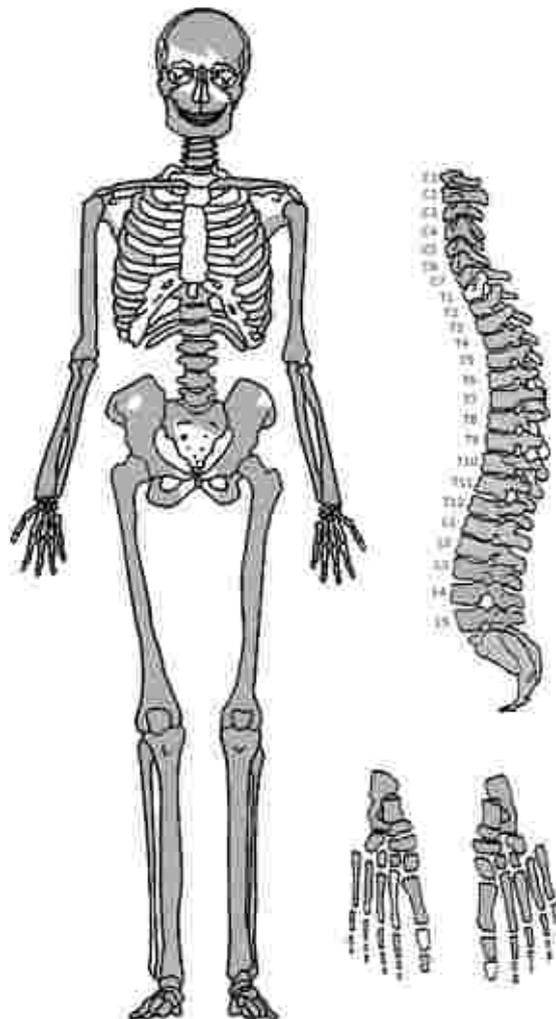
Dental Periodontal disease, calculus, dental attrition, activity-related dental attrition, enamel hypoplasia

SK 925**Young Adult****Female: 158.5cm****Burial Position and Details:**

Plan No: 32H

Area No: 20/26

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the left side facing north. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	1	2	2	1	1	1	0	1	1	0	0	1	1	2	N/P	N/P
Period. Dis.	N/R	N/R	2	2	2	0	0	0	0	0	0	2	2	2	N/R	N/P
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Cyst	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P
Abscess	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/P
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	N/P
Calculus	1	1	1	1	1	1	1	1	1	1	0	1	1	1	N/P	N/P
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	2	2	N/P	2	2	2	2	1	1	1	1
Caries	0	0	0	0	0	0	0	N/P	0	0	0	0	2	1	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Period. Dis.	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1
Attrition	1	1	2	1	0	1	1	N/P	2	1	1	1	1	2	2	1

Dental Disease

Caries

Tooth 35: Medium-sized carious lesion present at the distal aspect of the neck of the tooth

Tooth 36: Small carious lesion present at the mesial aspect of the neck of the tooth

SK 925: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition

SK 926

Adult

Female: 143cm

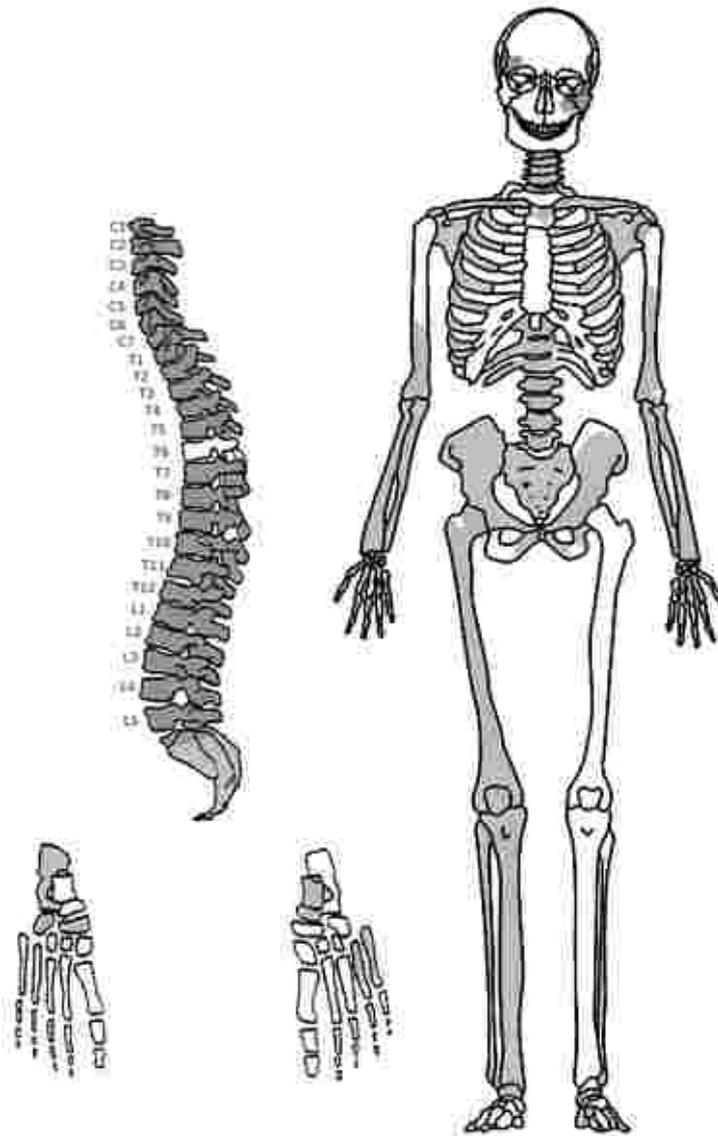
Burial Position and Details:

Plan No: Not specified

Area No: 16

E-W orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%
 Approximate Fragmentation: 75-100%
 Average preservation: Grade 4

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	No pathological lesions apparent											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	5	5	0	N/R	N/R		N/R	N/R	0			
T11	5	0	N/R	N/R	N/R		N/R	N/R	N/R			
T12	N/R	0	0	N/R	4		0	N/R	4			
L1	0	0	0	0			N/R	0				
L2	0	0	0	N/R			N/R	N/R				

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T10 and T11.

SK 926: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 927	Young Adult	Male
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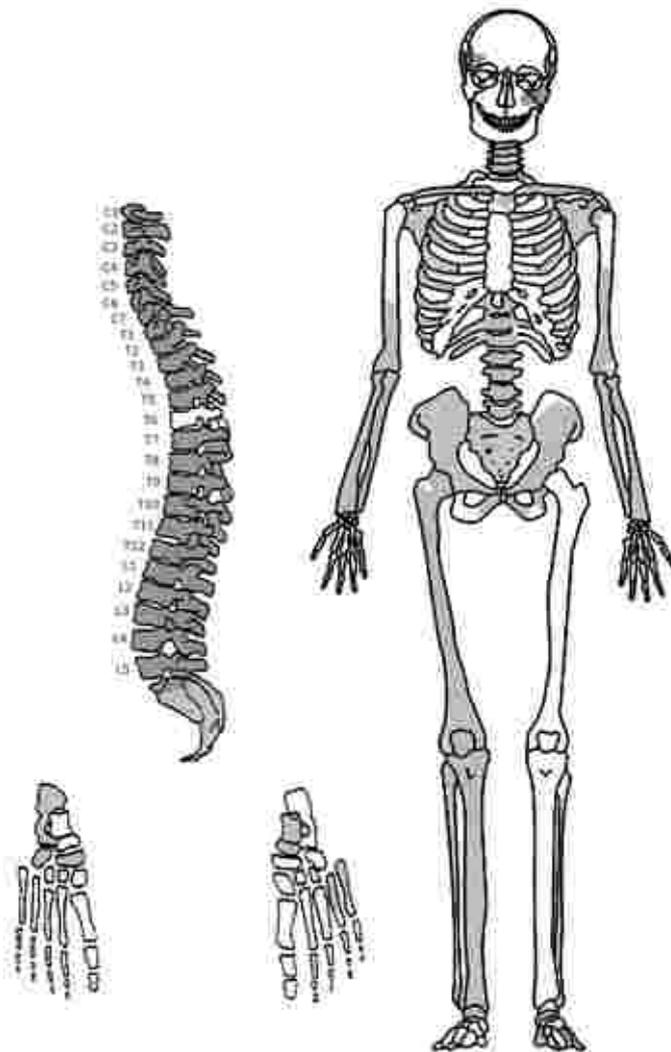
Burial Position and Details:

Plan No: 43

Area No: 25

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the left side. The right arm was flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region. The left arm was extended with the left hand by the side of the body. The right leg was extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	N/P	2	1	N/P	2	3	N/P								
Period. Dis.	N/P	N/P	N/P	0	0	N/P	N/R	0	0	N/P							
E.Hypoplasia	N/P	N/P	N/P	0	0	N/P	1	1	N/P								
Cyst	N/P	N/P	0	0	0	N/P	0	0	0	N/P							
Abscess	N/P	N/P	0	0	0	N/P	0	0	0	N/P							
Caries	N/P	N/P	N/P	0	0	N/P	0	0	N/P								
Calculus	N/P	N/P	N/P	1	1	N/P	2	2	N/P								
	N/P	N/P	2	1	1	N/P	4	1	1	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	1	2	2	2	2	2	2	2	2	1	2	1	1	1
Calculus	1	1	1	1	N/P	1	N/P	1	1	1							
Caries	0	0	0	0	N/P	0	N/P	0	0	0							
Abscess	0	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	0	0	0	0	N/P	0	N/P	0	0	0							
Period. Dis.	0	N/R	0	0	0												
Attrition	2	2	3	1	N/P	1	N/P	3	2	2							

Dental Disease

Antemortem Tooth Loss

SK 927 exhibits antemortem tooth loss of a maxillary premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Enamel Hypoplasia

Tooth 26: 1 hypoplastic groove present; 3.35mm from the cemento-enamel junction

Tooth 27: 1 hypoplastic groove present; 2.53mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the frontal, parietals and occipital bone. The activity pattern indicates this lesion was active at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	4	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	4	0	0				0	0			
C7	4	4	0	0				0	0			
T1	N/R	N/R	0	0	N/R	N/R	N/R	0	0	4	0	0
T2	4	4	N/R	N/R	0	0	N/R	0	N/R	0	0	0
T3	4	3 + 4	N/R	N/R	0	0	N/R	N/R	N/R	0	4	N/R
T4	4	3 + 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	3 + 4	3 + 4	0	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R
T6	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T7	4	4	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T8	3 + 4	3 + 4	N/R	N/R	4	4	N/R	N/R	N/R	N/R	N/R	N/R
T9	4 + 5	4	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T10	4	4	N/R	N/R	4			0	N/R	4		
T11	4	4	N/R	N/R	N/R			0	N/R	0		
T12	4 + 5	4 + 5	N/R	N/R	0			0	N/R	3 + 4		
L1	4	4 + 5	0	N/R				0	N/R			
L2	4 + 5	4 + 5	0	N/R				0	N/R			
L3	4 + 5	4	N/R	N/R				N/R	N/R			
L4	N/R	4	N/R	N/R				N/R	N/R			
L5	4 + 5	4 + 5	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T12, L1, L2, L3 and L5.

*Infection**Reactive Bone Formation and Osteitis/ Osteomyelitis*

SK 927 exhibits periosteal reactive lesions at a right rib and the right ulna. Reactive bone deposits in the form of woven bone are present at the pleural surface of a right rib fragment adjacent to the sternal end of the rib body. Woven bone is also observable on the lateral and posterior aspect of the mid-shaft of the right ulna.

SK 927: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, calculus, dental attrition, enamel hypoplasia
<i>Vertebral</i>	Schmorl's nodes, Intervertebral Osteochondrosis
<i>Metabolic</i>	Porotic Hyperostosis
<i>Infection</i>	Non-specific: reactive bone deposits

SK 928

Adult

Sex Not Recordable

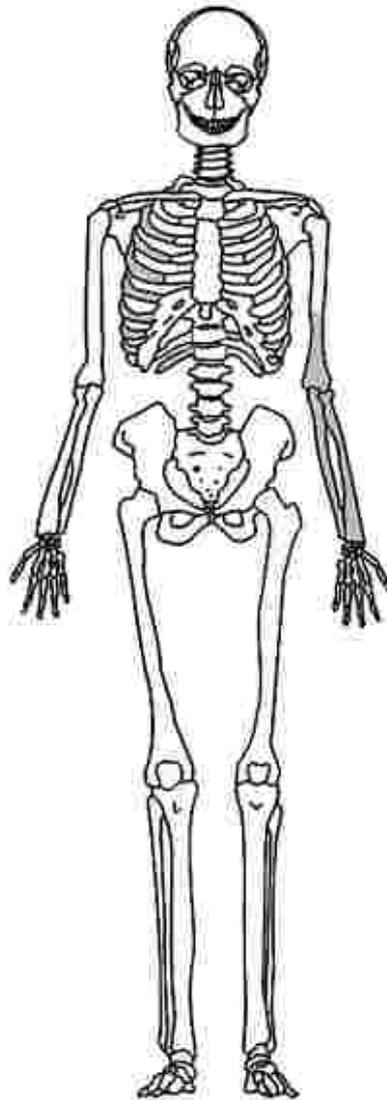
Burial Position and Details:

Plan No: 43

Area No: 25

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 928: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 929

Middle Adult

Male

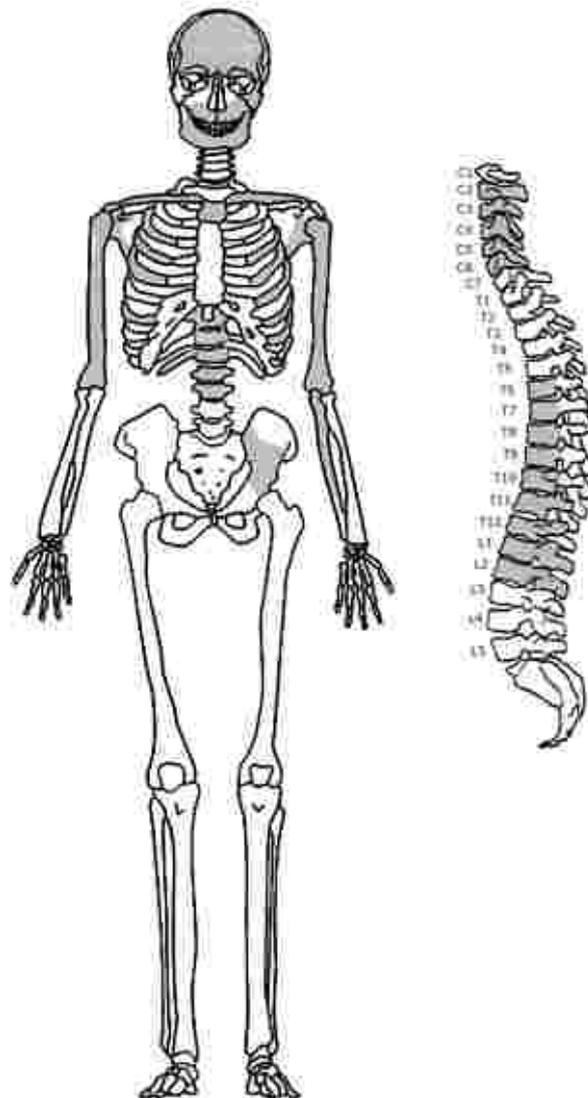
Burial Position and Details:

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.
Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	3	1	N/P	2	2	2	2	N/P	N/P	N/P	2	N/P	1	3	N/P	N/P
Period. Dis.	N/R	0	0	N/R	N/R	N/R	NR	3	3							
E.Hypoplasia	N/R	0	N/P	0	0	0	0	N/P	N/P	N/P	1	N/P	0	0	N/P	N/P
Cyst	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	N/R	0	0	0
Abscess	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	N/R	0	1	1
Caries	0	1	N/P	0	0	0	0	N/P	N/P	N/P	0	N/P	0	0	N/P	N/P
Calculus	1	1	N/P	1	1	1	1	N/P	N/P	N/P	1	N/P	1	1	N/P	N/P
	1	1	2	1	1	1	1	2	2	2	1	2	1	1	4	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	2	1	1	2	1	1	2	2	1	1	2	1	2	1	1
Calculus	N/P	N/P	1	1	N/P	1	1	N/P	N/P	1	1	N/P	1	N/P	1	1
Caries	N/P	N/P	0	0	N/P	0	0	N/P	N/P	0	0	N/P	0	N/P	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	0	0	N/P	0	0	N/P	N/P	0	0	N/P	0	N/P	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/P	N/P	3	2	N/P	1	1	N/P	N/P	2	2	N/P	2	N/P	3	2

Dental Disease

Antemortem Tooth Loss

SK 929 exhibits antemortem tooth loss of 2 maxillary molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries, Cyst

Tooth 17: Small carious lesion present on buccal aspect of tooth crown

Tooth 26 and 27: Large cyst present at site of tooth sockets which has resulted in significant secondary resorption of the alveolar process

Enamel Hypoplasia

Tooth 23: 1 hypoplastic groove present; 4.21mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	N/R				0	0			
C2	0	0	0	0				0	0			
C3	0	3, 4	0	0				0	2, 3, 4			
C4	3, 4	3	0	0				2, 3, 4	0			
C6	0	3	0	0				0	0			
C7	0	3, 4	0	0				0	0			
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T5	0	3, 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T6	0	5	N/R	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R
T7	0	5	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	3, 4, 5	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T9	3, 4	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R
T10	0	5	0	N/R	0			N/R	N/R	0		
T11	0	5	0	N/R	0			N/R	N/R	0		
T12	0	5	3	N/R	0			3	N/R	N/R		
L1	5	5	N/R	0				0	0			
L2	5	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T7, T8, T10, T11, T12, L1 and L2.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the left inferior apophyseal vertebral facet of C3 and the left superior apophyseal facet of C4 in the form of eburnation, surface porosity and marginal osteophyte formation.

SK 929: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental cyst, periodontal disease, calculus, dental attrition, enamel hypoplasia
Vertebral Schmorl's nodes, Intervertebral osteochondrosis, DJD, Osteoarthritis

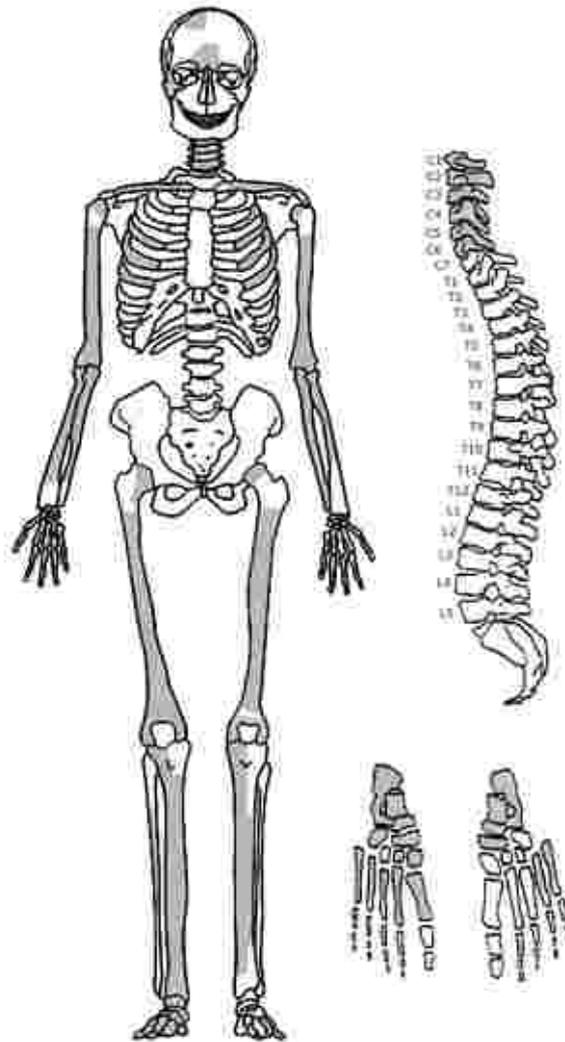
SK 931**Adult****Probable Male****Burial Position and Details:**

Plan No: 38A

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The skull was positioned facing south. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/P	N/P	1	1	1	N/P									
Calculus	N/P	N/P	N/P	1	1	1	N/P									
Caries	N/P	N/P	N/P	1	0	0	N/P									
Abscess	N/P															
Cyst	N/P															
E.Hypoplasia	N/P	N/P	N/P	0	0	0	N/P									
Period. Dis.	N/P															
Attrition	N/P	N/P	N/P	2	1	1	N/P									

*Dental Disease**Caries*

Tooth 45: Small carious lesion present at medial aspect of neck of tooth

Cranial Pathology*Metabolic**Cribra Orbitalia (CO)*

Type 2 (scattered fine foramina) CO is exhibited in the antero-intermediate sector of the left orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and within the squamous portion of the occipital bone. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology

Joint

SK 931 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Wrist</i>	Surface porosity	Left distal ulna
<i>Hand</i>	Marginal osteophytes	Left MC1 and 1 st proximal phalanx

SK 931: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Caries, calculus, dental attrition
<i>Joint</i>	DJD
<i>Metabolic</i>	Porotic Hyperostosis, CO

SK 932

Middle Adult

Female: 155.4cm

Burial Position and Details:

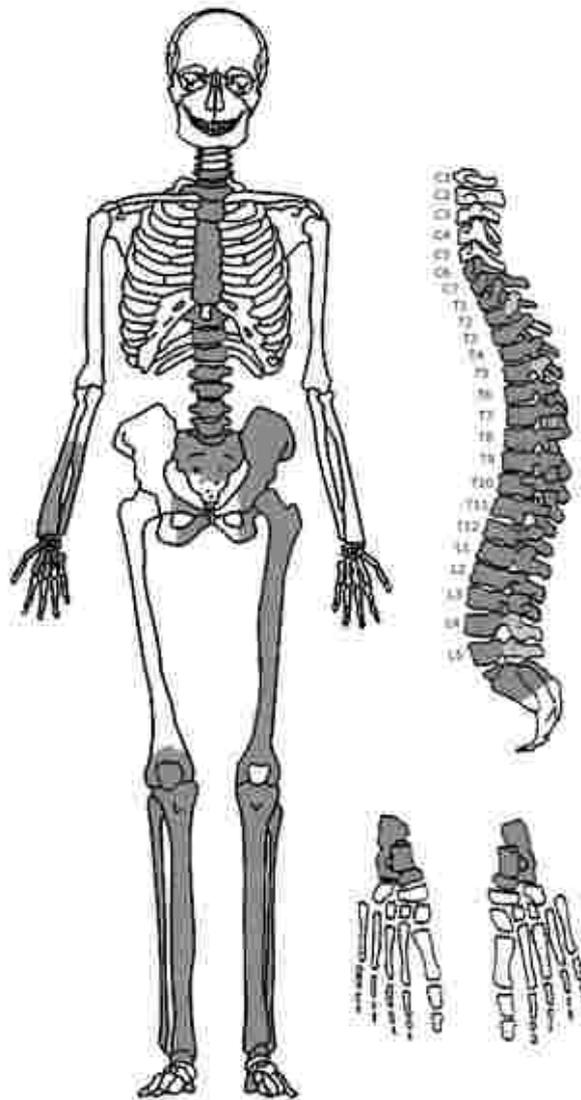
Plan No: 37

Area No: 21

E-W orientation; simple, flexed prone burial of poor completeness and good preservation.

SK 932 was found in association with a coin recovered from near the wrist area.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C6	0	0	N/R	N/R				N/R	N/R			
C7	0	0	0	0				0	0			
T1	0	0	0	N/R	0	0	0	0	0	0	0	0
T2	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T3	N/R	0	0	0	N/R	N/R	N/R	4	0	0	0	0
T4	0	0	0	0	0	N/R	N/R	0	0	0	0	N/R
T5	0	0	0	N/R	0	0	N/R	0	N/R	0	0	0
T6	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	5	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	5	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	N/R				0	0			
L5	0	0	N/R	N/R				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11 and L1.

SK 932: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 933

Middle Adult

Male

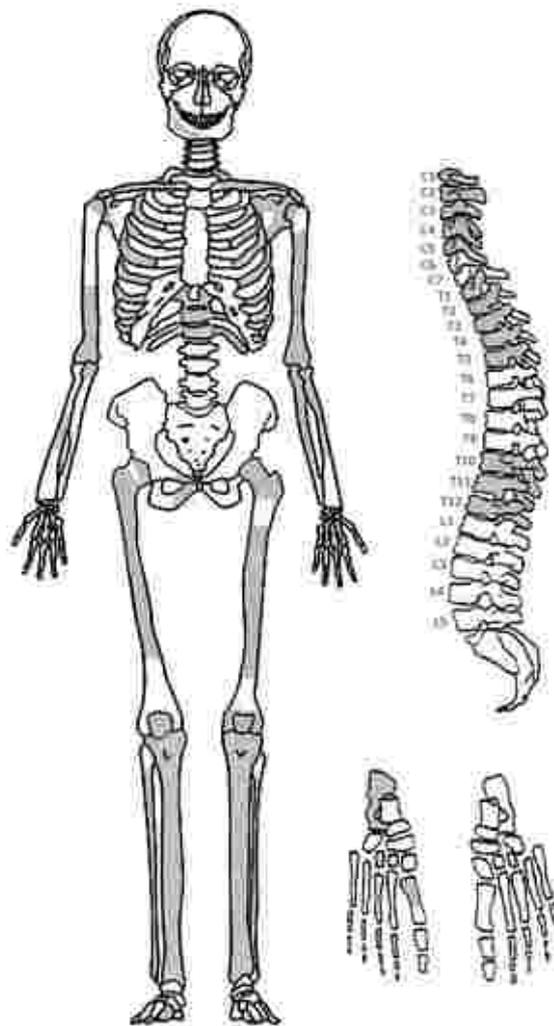
Burial Position and Details:

Plan No: 38A

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The skull was positioned on the left side. The right arm was extended with the left hand positioned over the pelvic region. Both legs were extended with the feet crossed.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	N/P	1	N/P	1	N/P	N/P	N/P	N/P	N/P						
Period. Dis.	N/P	0	N/P	N/P	N/P	N/P	N/P									
E.Hypoplasia	N/P	N/P	0	N/P	0	N/P	N/P	N/P	N/P	N/P						
Cyst	N/P	0	N/P	N/P	N/P	N/P	N/P									
Abscess	N/P	0	N/P	N/P	N/P	N/P	N/P									
Caries	N/P	N/P	0	N/P	0	N/P	N/P	N/P	N/P	N/P						
Calculus	N/P	N/P	1	N/P	2	N/P	N/P	N/P	N/P	N/P						
	N/P	N/P	1	N/P	1	N/P	N/P	N/P	N/P	N/P						
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	N/R	1	1	N/P	N/P	N/P									
Calculus	N/P	N/R	1	1	N/P	N/P	N/P									
Caries	N/P	N/R	0	0	N/P	N/P	N/P									
Abscess	0	N/R	N/P	N/P	N/P											
Cyst	0	N/R	N/P	N/P	N/P											
E.Hypoplasia	N/P	N/R	0	0	N/P	N/P	N/P									
Period. Dis.	0	N/R	N/P	N/P	N/P											
Attrition	N/P	N/R	1	1	N/P	N/P	N/P									

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 933 exhibits bilateral periosteal reactive lesions of the lower long-bones. Reactive bone deposits in the form of both woven and sclerotic bone are present along the shaft of the right and left tibiae and fibulae. Sclerotic bone is present at the right calcaneus. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 933: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Infection Non-specific: reactive bone deposits

SK 934

Adult

Female

Burial Position and Details:

Plan No: 32F

Area No: 26

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	4	2	2	2	2	2	2	2	2	2	4	4	4	4
Calculus	N/P															
Caries	N/P															
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
E.Hypoplasia	N/P															
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/P															

Dental Disease

Cyst

Tooth 32: A cyst is present at the apex of the tooth root.

Antemortem Tooth Loss

SK 934 exhibits extensive antemortem tooth loss of the mandibular molars and one mandibular premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures and bosses of the parietals. The activity pattern is mixed but appears to be healing at the time of death.

SK 934: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, dental cyst
Metabolic Porotic Hyperostosis

SK 935

Middle Adult

Female: 157.9cm

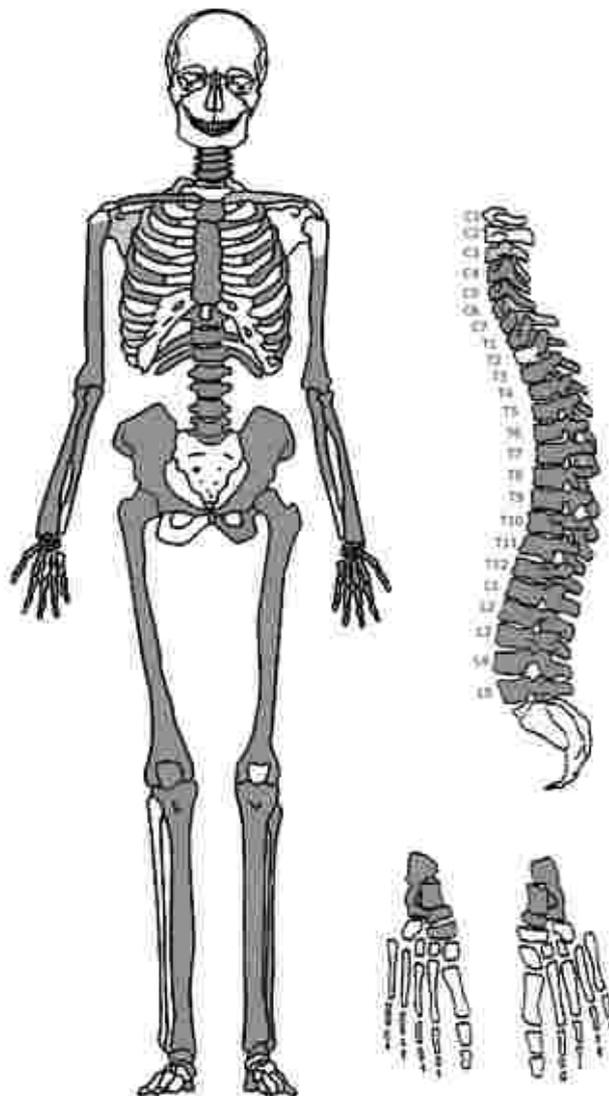
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	N/R	N/R				N/R	N/R			
C7	0	0	N/R	N/R				0	N/R			
T1	0	0	0	0	0	0	N/R	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	N/R	N/R	0	N/R	0	N/R	0	0	0	0	N/R	3, 4
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	4	0	N/R	0
T6	0	0	0	0	0	0	N/R	0	0	0	0	0
T7	0	0	0	0	0	0	3	0	0	0	0	3, 4
T8	0	0	0	0	0	0	3, 4	0	0	0	0	3, 4
T9	0	0	0	0	0	0	3, 4	0	0	N/R	N/R	3, 4
T10	0	0	0	0	0			0	0	0		
T11	3, 4	0	0	0	0			0	0	N/R		
T12	0	0	0	0	0			0	4	N/R		
L1	0	3	0	0				0	0			
L2	3, 4	1	0	N/R				0	0			
L3	1	3	N/R	0				0	0			
L4	3	3, 4	0	0				0	0			
L5	3	3, 4	0	4				0	0			

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of L2 and L3, accompanied by vertical syndesmophyte formation at the body rim resulting in ankylosis of the affected vertebral bodies. Vertical syndesmophyte formation is also observable at the vertebral bodies L3, L4 and L5.

Trauma

Vertebral Compression Fractures

A compression fracture presenting as structural collapse is observable at vertebral body of L5. A further 2 possible compression fractures are also observable at the vertebral bodies of L2 and L4. The degree of secondary kyphosis is unobservable.

Congenital

Cranial Border Shift

There is lumbarisation of T12.

SK 935: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochondrosis
Trauma Vertebral compression fractures
Congenital Cranial Border Shift

SK 936A

Middle Adult

Male: 164.1cm

Burial Position and Details:

Plan No: 37K

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	2	3	N/R	2	2	3	N/R	3	N/R	N/R	N/R	N/R	N/R	N/R	3	2
Period. Dis.	2	2	N/R	0	1	N/R	2									
E.Hypoplasia	0	0	N/R	0	0	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0
Cyst	0	0	N/R	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Abscess	0	0	N/R	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Caries	0	0	N/R	0	0	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0
Calculus	1	1	N/R	1	1	1	N/R	1	N/R	N/R	N/R	N/R	N/R	N/R	1	1
	1	1	4	1	1	1	2	1	2	1	2	2	2	4	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	2	2	2	3	2	2	2	1	1	1	1	3	2	2
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	N/R	0	1	N/R	1	1	1	1	2	1	1	1	2	1
Attrition	1	2	3	1	1	2	3	3	3	2	1	1	1	3	3	1

Dental Disease

Antemortem Tooth Loss

SK 936A exhibits antemortem tooth loss of 2 maxillary molars. Almost complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate and middle-medial sector of the left orbital roof.

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures and bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology*Infection**Reactive Bone Formation*

A periosteal reactive lesion composed of woven bone is exhibited at the distal articular surface of the right radius. Periosteal new bone formation is also evident bilaterally at the tibiae and fibulae.

Joint

SK 936A exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity , surface osteophytes	Right Temporal
<i>Sternoclavicular</i>	Surface porosity	Right Clavicle
<i>Elbow</i>	Marginal Osteophytes	Right proximal ulna
<i>Wrist</i>	Surface porosity, marginal osteophytes, periarticular resorptive foci, surface osteophytes	Right distal ulna and radius
<i>Knee</i>	Marginal osteophytes	Right proximal tibia and fibula

*Miscellaneous Pathology/ Trauma**Abnormal Bone Loss*

A lesion of diffuse abnormal bone loss is exhibited at the greater tubercle of the right humerus. The aetiology of this lesion is unclear however it may be as a result of musculo-skeletal stress at the insertion point of the rotator cuff muscles.

SK 936A: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition
Joint DJD
Metabolic Porotic Hyperostosis, CO
Infection Non-specific: reactive bone deposits
Miscellaneous Abnormal Bone Loss

SK 936B

Young Adult

Sex Not Recordable

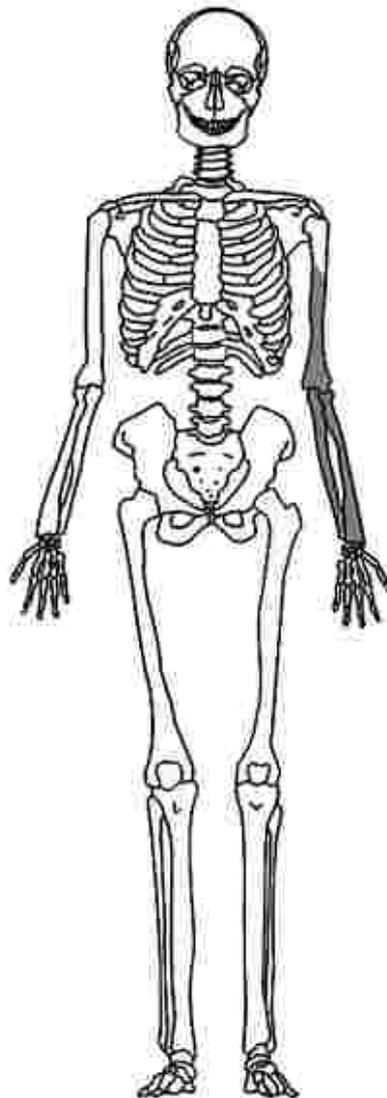
Burial Position and Details:

Plan No: 37K

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 936B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 936C

Young Adult

Sex Not Recordable

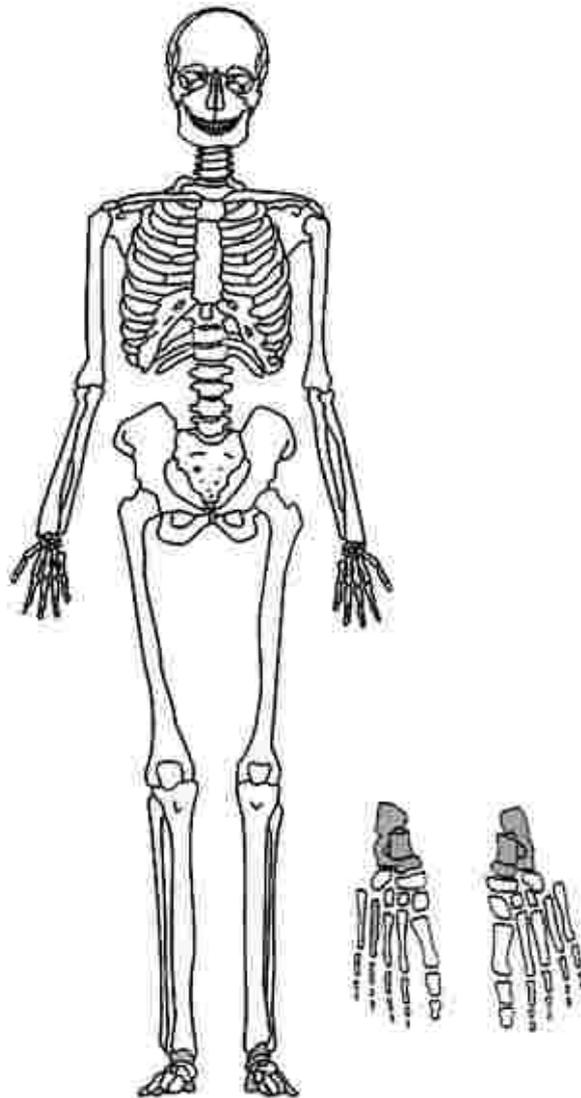
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 936C: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 937

Young Adult

Male: 158.5cm

Burial Position and Details:

Plan No: 41

Area No: 26

SW-NE orientation; simple, extended supine burial of moderate completeness and good preservation. The hands were positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 25-50%
 Approximate Fragmentation: 75-100%
 Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	0	3, 4	0	3, 4				0	3			
C6	0	0	0	0				0	0			
T1	1 thoracic centrum and neural arch present No pathological changes present on observable articular facets											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
L1	3	3, 4	N/R	0				N/R	0			
L2	3, 4	3, 4	N/R	0				N/R	0			
L3	3, 4	3, 4	N/R	0				0	0			
L4	5	3	0	0				0	0			
L5	3	0	0	N/R				0	0			

Schmorl's Nodes

A Schmorl's node of marked expression is present at the vertebral body of L4.

SK 937: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node

SK 938

Young Adult

Female: 149cm

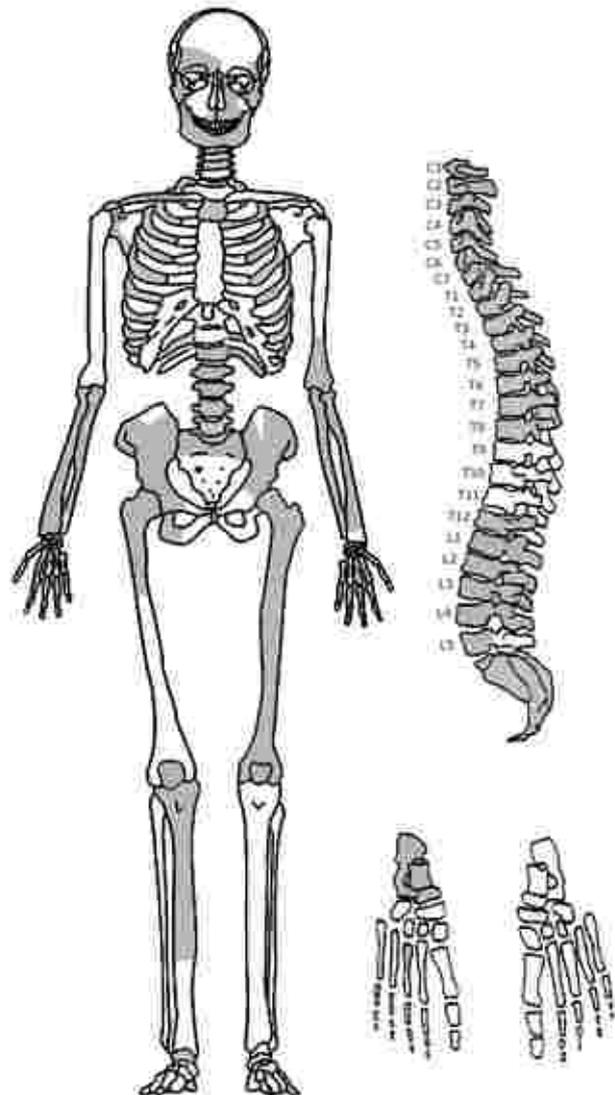
Burial Position and Details:

Plan No: 321

Area No: 2/26

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	1	0	0	1	1	2	N/P	N/P	1	1	1	3	1	0
Period. Dis.	N/P	N/P	N/R	N/R	0	2	2	3	N/P	N/P	1	2	2	3	N/R	N/R
E.Hypoplasia	N/P	N/P	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0
Cyst	N/P	N/P	N/R	N/R	0	0	0	0	N/P	N/P	0	0	0	N/R	N/R	N/R
Abscess	N/P	N/P	N/R	N/R	0	0	0	0	N/P	N/P	0	0	0	N/R	N/R	N/R
Caries	N/P	N/P	3	0	0	0	0	0	N/P	N/P	0	0	0	0	1	2
Calculus	N/P	N/P	1	1	1	1	1	1	N/P	N/P	1	1	1	1	1	1
	N/P	N/P	1	1	1	1	1	1	N/P	N/P	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	6
Calculus	1	1	N/R	N/R	1	1	1	1	1	1	1	1	1	1	1	N/R
Caries	0	1	N/R	N/R	1	0	0	0	0	0	0	0	0	0	0	N/R
Abscess	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	N/R
Cyst	0	0	1		0	0	0	0	N/R	N/R	N/R	0	0	0	0	N/R
E.Hypoplasia	0	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	N/R
Period. Dis.	0	0	N/R	N/R	2	N/R	N/R	N/R	0	0	0	2	0	0	0	N/R
Attrition	0	1	N/R	N/R	1	2	2	3	3	2	2	1	1	3	2	N/R

*Dental Disease**Antemortem Tooth Loss*

SK 938 exhibits antemortem tooth loss of a mandibular molar secondary to a cyst/ abscess at the tooth site. Only partial secondary resorption of the alveolar process has occurred at the affected tooth site.

Unusual wear pattern

SK938 exhibits an asymmetrical tooth wear pattern whereby the left teeth exhibit comparatively greater levels of attrition than the right teeth. This dental wear pattern may be indicative of long-term preferential use of the left side of the mouth in response to the large cyst present at the right mandible.

Cyst/ Abscess

Tooth 31: Sclerotic bone is evident around the tooth socket.

Tooth 45: Large cyst/ abscess present at the tooth site which has resulted in significant resorption of the alveolar bone. This bone resorption has merged the tooth socket with the adjacent tooth socket cavity of Tooth 45. This cyst exhibits an associated circumferential periosteal reactive lesion composed of sclerotic bone.

Tooth 46: Large cyst/ abscess present at the tooth site.

Metabolic

Flared Metaphysis

SK 938 exhibits flaring of the left humeral metaphysis.

SK 938: Palaeopathological Summary and Differential Diagnoses

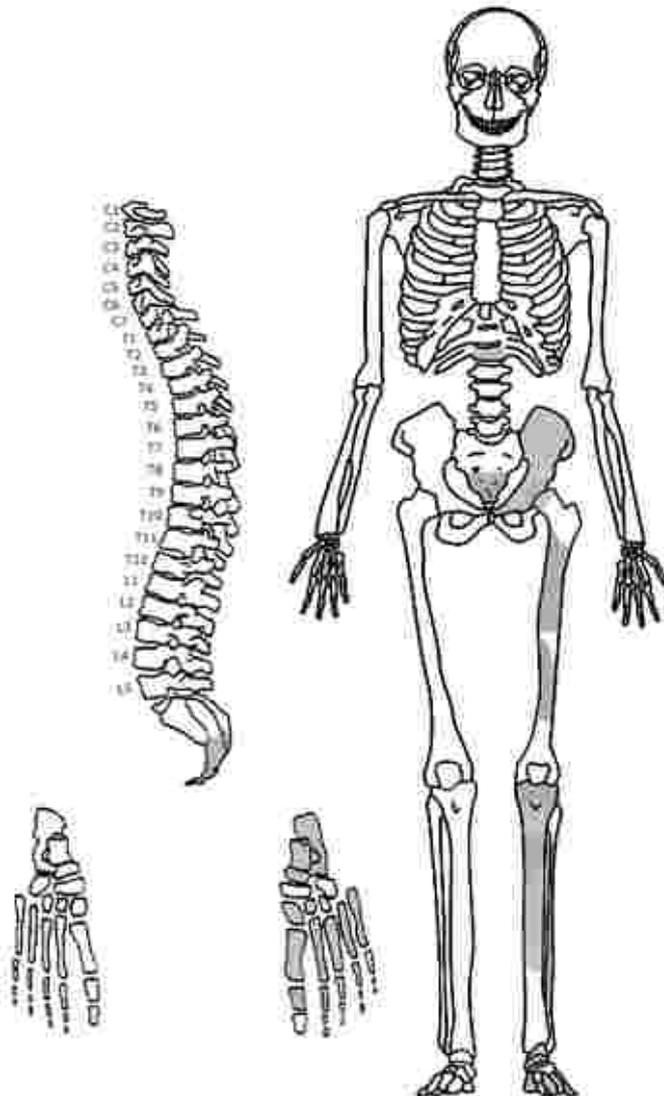
Dental Antemortem tooth loss, cyst, periodontal disease, calculus, dental attrition
Metabolic Flared metaphyses

SK 939**Adult****Sex Not Recordable****Burial Position and Details:**

Plan No: 43C

Area No: 25

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The hands were positioned over the pelvic region. The left leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Trauma/ Infection

Non-union compound fracture with secondary Osteomyelitis

A probable non-union fracture is exhibited at the mid-shaft of the left femur which has resulted in complete separation of the femoral shaft into two portions at the fracture site (i.e. the midshaft of the femur). The proximal portion of the fractured bone shaft exhibits complete resorption of the medullary cavity and rounding-off at the fractured end indicating non-union. The medullary cavity has remained exposed at the distal portion of the fractured bone shaft and is clearly observable.

This fracture has resulted in a secondary deep-bone (probable medullary-cavity) reactive lesion, observable at the mid-shaft of the left femur resulting in an enlarged and deformed diaphysis. Extensive associated pitting and irregular bone destruction of the bone surface is also observable; these lesions are localised to the fracture site. The lesion exhibits a total of three cloacae indicating medullary-cavity involvement.

The proximal fractured portion of the bone exhibits extensive lamellar new bone formation adjacent to the fracture site. A single cloacae and a sequestrum are also observable. Secondary musculo-skeletal stress has also occurred in response to this fracture and is observable in the form of vertical enthesophyte formation at the lateral aspect of the posterior femoral shaft at the insertion point of one of the adductor muscles. The distal fractured portion of the femoral shaft also exhibits lesions of abnormal bone loss and pitting adjacent to the fracture site. Two cloacae are also observable

Infection

Reactive Bone Formation

SK 939 exhibits a periosteal reactive lesion at the left tibia. Reactive bone deposits in the form of sclerotic bone are present along the entire length of the tibial shaft. Extensive sclerosis of this lesion indicates healing took place before the time of death.

SK 939: Palaeopathological Summary and Differential Diagnoses

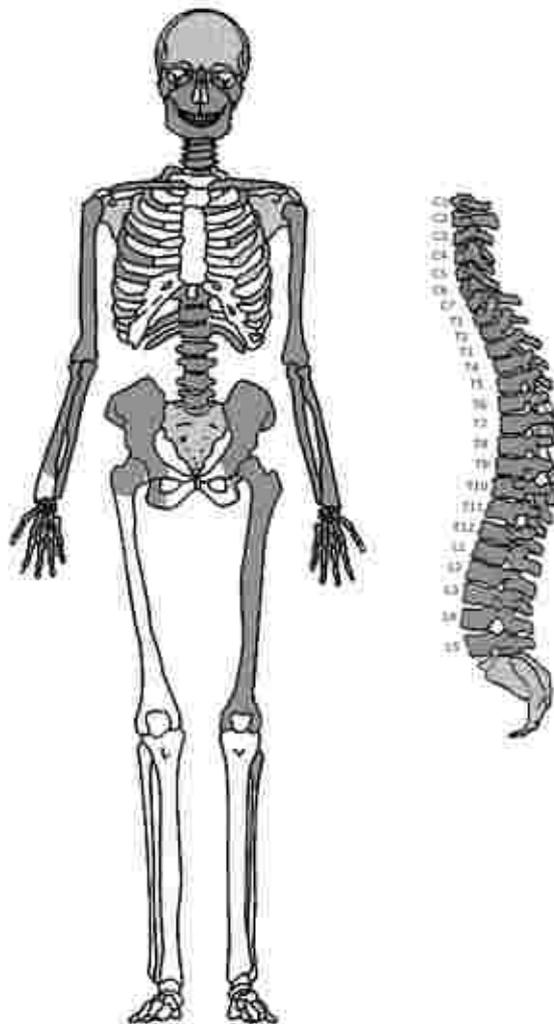
Infection Secondary osteomyelitis and periostitis, Non-specific: reactive bone deposits
Trauma Non-union fracture, Secondary Musculo-Skeletal Stress

SK 940**Middle Adult****Probable Female: 146.8cm****Burial Position and Details:**

Plan No: 321

Area No: 20

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The left hand was positioned over the pelvic region. The left leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	0	1	3	3	2	N/R	N/R	N/R	1	N/R	N/R	N/R	N/R	3	2	1
Period. Dis.	1	1	1	1	1	N/R	N/R	N/R	1	N/R	N/R	N/R	N/R	1	1	1
E.Hypoplasia	0	0	0	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	0
Calculus	2	2	1	1	1	N/R	N/R	N/R	1	N/R	N/R	N/R	N/R	1	1	1
	1	1	1	1	1	2	4	2	1	2	2	2	2	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	1	1	2	4	1	1	1	2	1	2	2	2	1	1	1
Calculus	N/R	2	2	N/R	N/R	2	2	2	N/R	3	N/R	N/R	N/R	1	1	1
Caries	N/R	0	0	N/R	N/R	0	0	0	N/R	0	N/R	N/R	N/R	0	0	0
Abscess	N/R	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	0	0	N/R	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0
Period. Dis.	N/R	0	0	N/R	N/R	1	0	N/R	N/R	N/R	N/R	N/R	N/R	1	1	1
Attrition	N/R	3	3	N/R	N/R	1	2	3	N/R	1	N/R	N/R	N/R	2	2	1

Dental Disease

Antemortem Tooth Loss

SK 940 exhibits antemortem tooth loss of a maxillary incisor and a mandibular premolar and molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site of Tooth 48 with only partial resorption of the tooth sockets of Tooth 12 and 44. Antemortem tooth loss of Tooth 44 is secondary to an abscess observable at the tooth root.

Abscess

Tooth 44: Large abscess present at site of tooth resulting in antemortem tooth loss

Congenital Abnormalities of the Teeth/ Jaws

Probable overcrowding of the mandibular teeth has resulted in slight medial rotation of Tooth 32.

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

A combination of type 1 (capillary-like impressions) and type 2 (scattered fine foramina) CO is exhibited in the middle-lateral and middle-intermediate sector of the left orbital roof and the postero-lateral sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	4	0				0	0			
C2	3	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				3	3			
C7	0	0	0	0				0	0			
T1	N/R	N/R	0	0	N/R	N/R	3	0	0	N/R	N/R	0
T2	0	0	0	0	0	N/R	N/R	0	0	4	N/R	0
T3	3	0	0	3, 4	0	N/R	N/R	0	0	0	N/R	N/R
T4	0	0	3, 4	3, 4	0	N/R	0	0	0	0	N/R	N/R
T5	0	3	3, 4	4	0	4	N/R	N/R	0	0	4	N/R
T6	3	3,4	4	0	N/R	4	N/R	0	0	0	N/R	N/R
T7	0	3	0	0	4	N/R	N/R	0	0	4	4	N/R
T8	3	0	0	0	4	4	N/R	0	0	4	4	N/R
T9	0	0	0	0	0	0	N/R	0	0	N/R	4	N/R
T10	0	3	0	3	3			0	0	0		
T11	0	5	0	0	0			0	0	0		
T12	5	5	0	0	4			0	0	4		
L1	5	5	N/R	0				0	N/R			
L2	0	0	0	4				0	0			
L3	0	0	3	0				3	0			
L4	N/R	3	0	0				0	3			
L5	0	0	3	3				3	3			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11, T12 and L1.

Joint

SK 940 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Occipital-Atlas</i>	Marginal osteophytes	Occipital Condyles
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Right and Left acromion process
<i>Sternoclavicular</i>	Surface porosity, marginal osteophytes	Left and Right Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Rib heads 2x Left Costal Facets
<i>Wrist</i>	Surface porosity, marginal osteophytes, eburnation	1x Right Costal Facet and rib head Left and Right lunate and trapezium
<i>Hand</i>	Marginal osteophytes, surface porosity	Right scaphoid and hamate Left MC1, MC3, MC4 and 1 st proximal phalanx
<i>Hip</i>	Surface osteophytes	Right MC2 and MC4 Right femoral head

Miscellaneous Pathology

Unidentified Calcified Objects

SK 940 was found in association with 5 unidentified calcified objects recovered from the pelvic region.

SK 940: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, dental abscess, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral Osteochondrosis, DJD
<i>Joint</i>	Osteoarthritis, DJD
<i>Metabolic</i>	CO
<i>Miscellaneous</i>	Calcified biological objects

SK 941

Young Adult

Male: 158.5cm

Burial Position and Details:

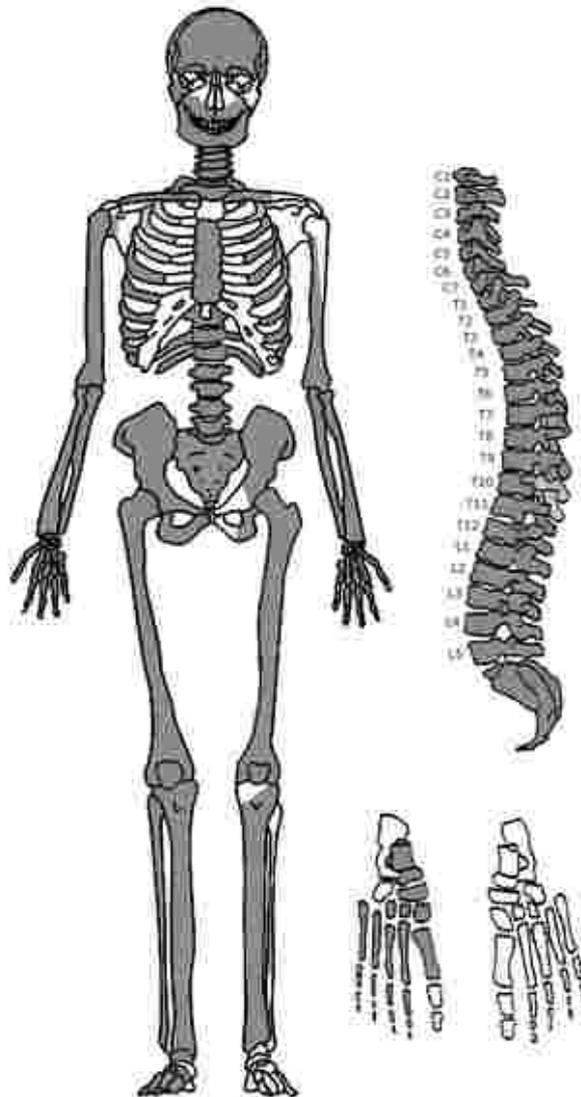
Plan No: 37

Area No: 21

SW-NE orientation; simple, extended supine burial of good completeness and good preservation. The hands were positioned over the pelvic region. SK941 was found in

association with 2 piece of pottery.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	N/R	N/R	2	0	0	0	1	1	1	1	2	1	2	3	2	N/R
Period. Dis.	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
E.Hypoplasia	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R

Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Calculus	N/R	N/R	1	1	1	0	0	0	0	1	1	1	1	0	1	N/R
	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	1	1	1	2	3	3	2	3	1	1	3	1	1

Dental Disease

Antemortem Tooth Loss

SK 942 exhibits antemortem tooth loss of a maxillary 2nd molar. Only partial secondary resorption of the alveolar process has occurred at the affected tooth site.

Congenital Abnormalities of the Teeth/ Jaws

A diastema is present between Tooth 11 and 21 and Tooth 13 and 14.

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and frontal and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				4	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	N/R	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	3	0	0	0	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	0	0	N/R
T9	0	0	0	0	0	0	0	0	0	0	0	N/R
T10	0	0	0	N/R	0			0	N/R	0		
T11	0	3, 4	0	0	0			0	0	0		
T12	3, 4	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

SK 941: Palaeopathological Summary and Differential Diagnoses

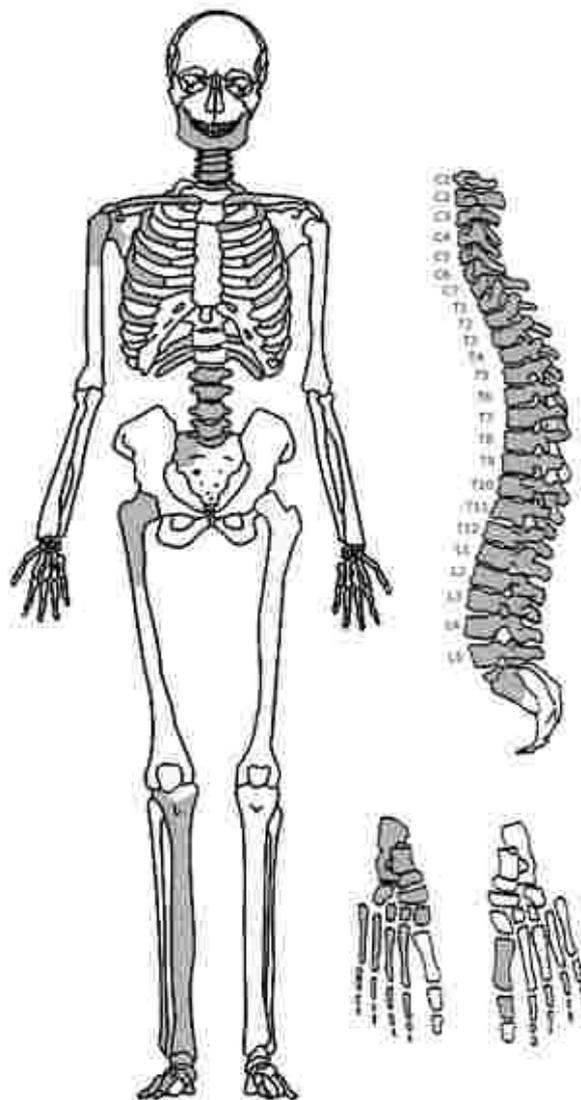
Dental Antemortem tooth loss, calculus, dental attrition, diastema
Vertebral Intervertebral osteochondrosis
Metabolic Porotic Hyperostosis

SK 942**Young Adult****Probable Female****Burial Position and Details:**

Plan No: 32J

Area No: 20/26

SW-NE orientation; simple, extended supine burial of poor completeness and moderate preservation. The hands were positioned over the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/P	0	N/P	N/P	N/P	N/P	N/P	2	2	N/P	N/P	2	N/P	N/P	N/P	0
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	N/P	0	0	N/P	N/P	0	N/P	N/P	N/P	0
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	N/P	N/P	N/P	N/P	N/P	0	0	N/P	N/P	1	N/P	N/P	N/P	0
Calculus	N/P	1	N/P	N/P	N/P	N/P	N/P	1	1	N/P	N/P	1	N/P	N/P	N/P	1
	N/P	1	N/P	N/P	N/P	N/P	N/P	1	1	N/P	N/P	1	N/P	N/P	N/P	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	1	1	1	1	2	1	1	1	N/P	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	1	0	0	N/P	0	1	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	2	2	1	1	1	2	2	N/P	2	0	1	1	2	1	1

Dental Disease

Caries

Tooth 24: Small carious lesion present on the distal aspect of the neck of the tooth

Enamel Hypoplasia

Tooth 33: 1 hypoplastic groove present; 4.18mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 4.80mm from the cemento-enamel junction

Post Cranial Pathology

Congenital

Supernumerary Vertebra

L6 is present.

SK 942: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition, enamel hypoplasia
Congenital Supernumerary vertebra

SK 943

Young Adult

Male: 154.9cm

Burial Position and Details:

Plan No: 46

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and poor preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	1	1	2	2	N/P	N/P	N/P	N/P	N/P	N/P
Calculus	0	1	1	0	0	N/P	0	0	N/P							
Caries	0	0	0	0	0	N/P	0	0	N/P							
Abscess	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P
E.Hypoplasia	0	0	0	1	1	N/P	1	1	N/P							
Period. Dis.	0	0	0	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P
Attrition	0	0	2	0	2	N/P	2	2	N/P							

Dental Disease

Enamel Hypoplasia

Tooth 41: 1 hypoplastic groove present; 4.80mm from the cemento-enamel junction

Tooth 42: 1 hypoplastic groove present; 6.54mm from the cemento-enamel junction

Tooth 44: 1 hypoplastic groove present; 5.98mm from the cemento-enamel junction

Tooth 45: 1 hypoplastic groove present; 4.63mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans											
C1		0	0	0				0	0														
C2	0	0	0	0				0	0														
C3	0	0	0	0				0	0														
C4	0	0	0	0				0	0														
C5	0	0	0	0				0	0														
T1	6 thoracic vertebrae present; unnumbered due to fragmentation No pathological changes present																						
T2																							
T3																							
T4																							
T5																							
T6																							
T7	6 thoracic vertebrae present; unnumbered due to fragmentation No pathological changes present																						
T8																							
T9																							
T10													N/R	0	0	0	0		0	4	0		
T11													0	0	0	0	0		0	0	0		
T12													0	0	0	0	0		0	0	0		
L1	5	0	0	0				0	0														
L2	5	5	0	0				0	0														
L3	5	0	0	0				0	0														
L4	5	5	N/R	N/R				0	N/R														
L5	0	0	0	N/R				0	N/R														

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of L2 and L3. A

Schmorl's node of mild expression is present at the vertebral body of L1.

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5.

Congenital

Cleft neural arch defect

A cleft neural arch defect is present at the levels of the 1st and 2nd sacral segment (S1 and S2).

SK 943: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, enamel hypoplasia
Vertebral Schmorl's nodes
Congenital Cleft neural arch defect
Trauma Spondylolysis

SK 945

Adult

Female

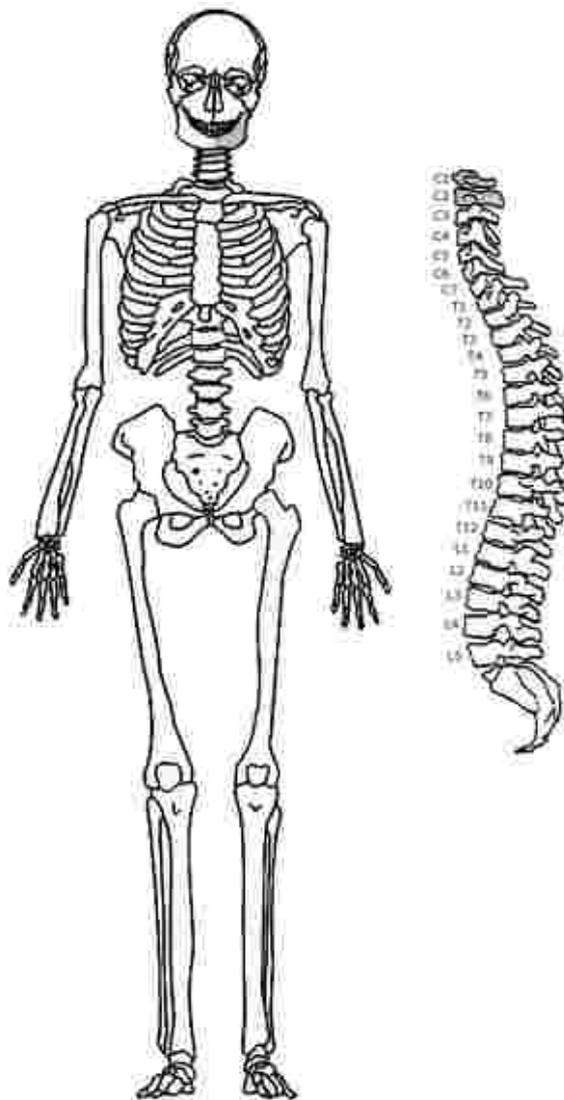
Burial Position and Details:

Plan No: 46

Area No: 28

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	2	N/P	N/P	N/P	N/P										
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P										
Cyst	N/P															
Abscess	N/P															
Caries	N/P	1	N/P	N/P	N/P	N/P										
Calculus	N/P	1	N/P	N/P	N/P	N/P										
	N/P	1	N/P	N/P	N/P	N/P										
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	2	2	2	2	2									
Calculus	N/P	1	N/P	N/P	N/P	N/P	N/P									
Caries	N/P	0	N/P	N/P	N/P	N/P	N/P									
Abscess	N/P	N/R	0	0	0	0	0									
Cyst	N/P	N/R	0	0	0	0	0									
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	N/P									
Period. Dis.	N/P	N/R	0	0	0	0	2									
Attrition	N/P	2	N/P	N/P	N/P	N/P	N/P									

Dental Disease

Caries

Tooth 24: Small carious lesion present at tooth crown.

SK 945: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition

SK 946**Middle Adult****Female: 156.7cm****Burial Position and Details:**

Plan No: 43C

Area No: 25

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the right side. The right arm was flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region. The left arm was extended. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	2	3	2	1	2	2	2	2	2	2	2	2	2	2	0
Period. Dis.	2	2	2	0	0	0	0	N/R	N/P	0	0	0	0	2	2	2
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	N/R	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	N/R	N/P	0	0	0	1	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	1	1	1	2	2	1	1	1	1	1	1	N/P
Calculus	N/P	2	2	2	2	2	2	N/P	N/P	2	2	2	2	2	2	N/P
Caries	N/P	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/P
Period. Dis.	N/P	2	0	0	0	0	0	0	0	0	0	0	0	0	2	N/P
Attrition	N/P	2	3	2	1	2	2	N/P	N/P	2	2	2	2	2	3	N/P

Dental Disease

Granuloma, Abscess/ cyst

Tooth 21: Probable granuloma present at apex of tooth root

Tooth 25: Possible abscess/ cyst present at apex of tooth with circumferential periosteal reaction

Cranial Pathology

Metabolic

Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	3, 4	0	3				0	0			
C3	3	4	0	0				3	0			
C4	3, 4	4	0	3				0	0			
C5	4	3, 4	0	0				0	0			
C6	3, 4	1	0	1				0	1			
C7	1	0	1	0				1	0			
T1	0	0	0	3, 4	N/R	N/R	N/R	0	0	0	0	0
T2	N/R	3, 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T3	N/R	3	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T5	3	3	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R
T6	0	3	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	0	N/R
T7	3	3	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T8	3	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R
T9	0	3	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T10	0	0	N/R	N/R	N/R			N/R	N/R	N/R		
T11	3	0	N/R	N/R	0			N/R	N/R	N/R		
T12	3	0	N/R	N/R	0			N/R	N/R	N/R		
L1	Barely discernible osteophytes are evident on both the superior and inferior vertebral bodies of three lumbar vertebrae.											
L2												
L3												
L4												
L5												

Joint

SK 946 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Wrist</i>	Marginal osteophytes	Right distal radius
<i>Hand</i>	Marginal osteophytes	Right MC1
<i>Hip</i>	Subchondral bone loss	Left Acetabulum
<i>Foot</i>	Marginal osteophytes	Left MT1

Congenital

Block vertebrae

SK 946 exhibits congenital fusion of C6 and C7 at the vertebral bodies and apophyseal articular facets.

SK 946: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Granuloma, dental abscess/ cyst, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Metabolic</i>	Porotic Hyperostosis
<i>Congenital</i>	Block vertebrae

SK 948

Old Adult

Female

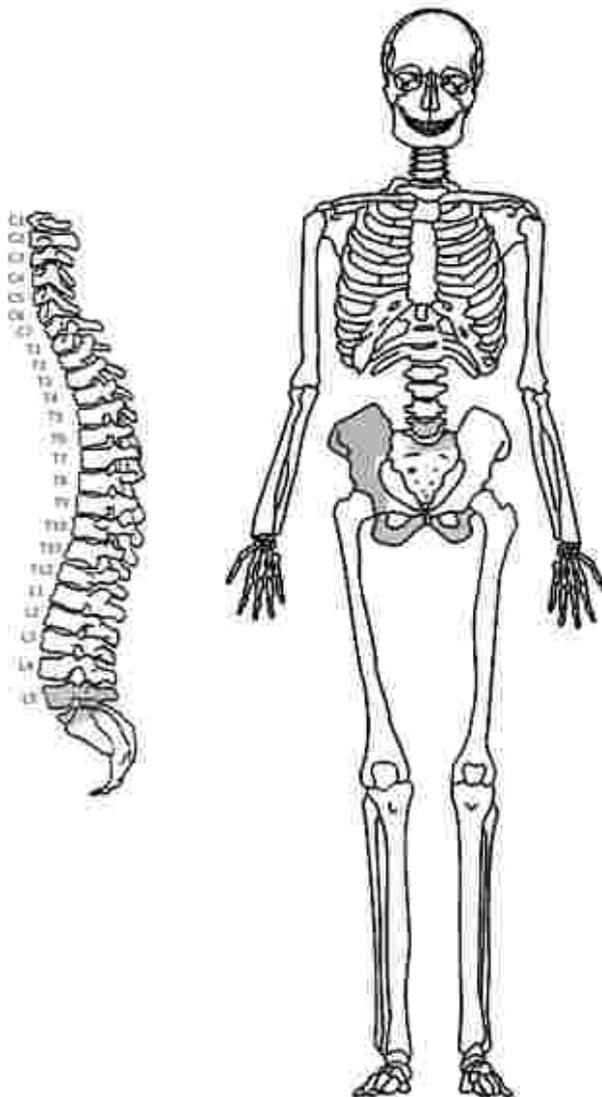
Burial Position and Details:

Plan No: 37L

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
I 5	3 + 4	3 + 4	N/R	N/R				N/R	N/R			

Trauma

Fracture

A fracture is present at the mid-shaft of the left MC5. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. Malunion of this fracture has resulted in slight medial rotation of the fractured end of the bone shaft.

SK 948: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochondrosis
Trauma Fracture

SK 949

Adult

Sex Not Recordable

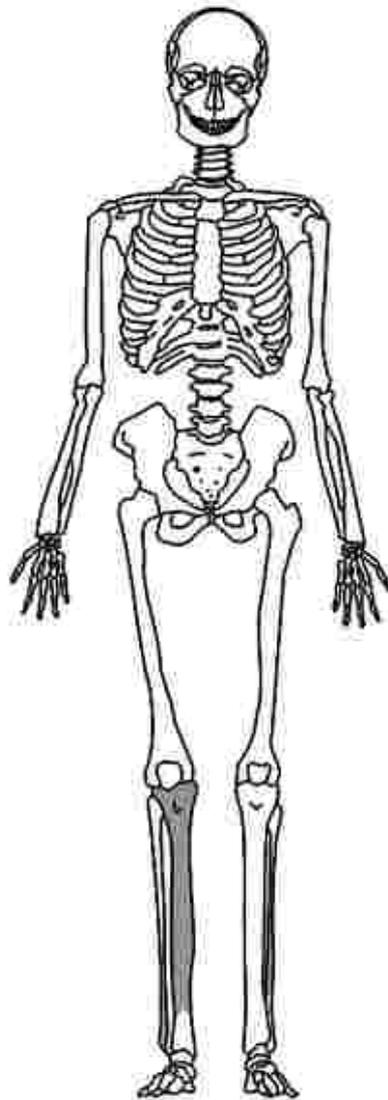
Burial Position and Details:

Plan No: 37L

Area No: 21

NW-SE orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 949: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 950

Old Adult

Probable Male

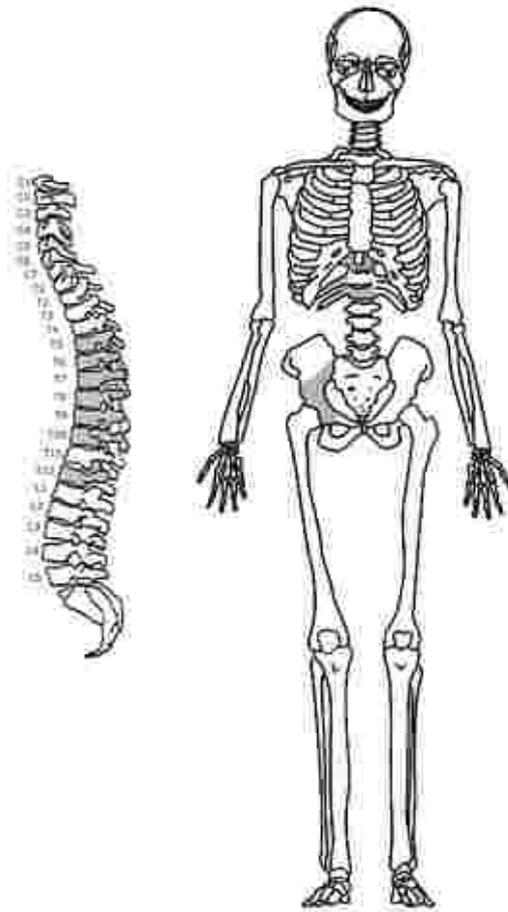
Burial Position and Details:

Plan No: 321

Area No: 20/26

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The hands were positioned below the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T5	0	3	0	0	0	0	3	0	0	4	0	N/R
T6	0	4	0	0	0	4	N/R	0	0	0	0	3
T7	0	0	0	0	0	0	N/R	0	0	0	0	3
T8	0	4	0	0	0	4	3	0	N/R	0	0	0
T9	0	3	0	3	0	0	3	0	0	0	0	3
T10	3	3	0	N/R	0			N/R	0	0		
T12	3	3 + 4	0	N/R	3 + 4			N/R	0	N/R		

SK 950: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochondrosis, DJD

SK 951

Young Adult

Female: 150.4cm

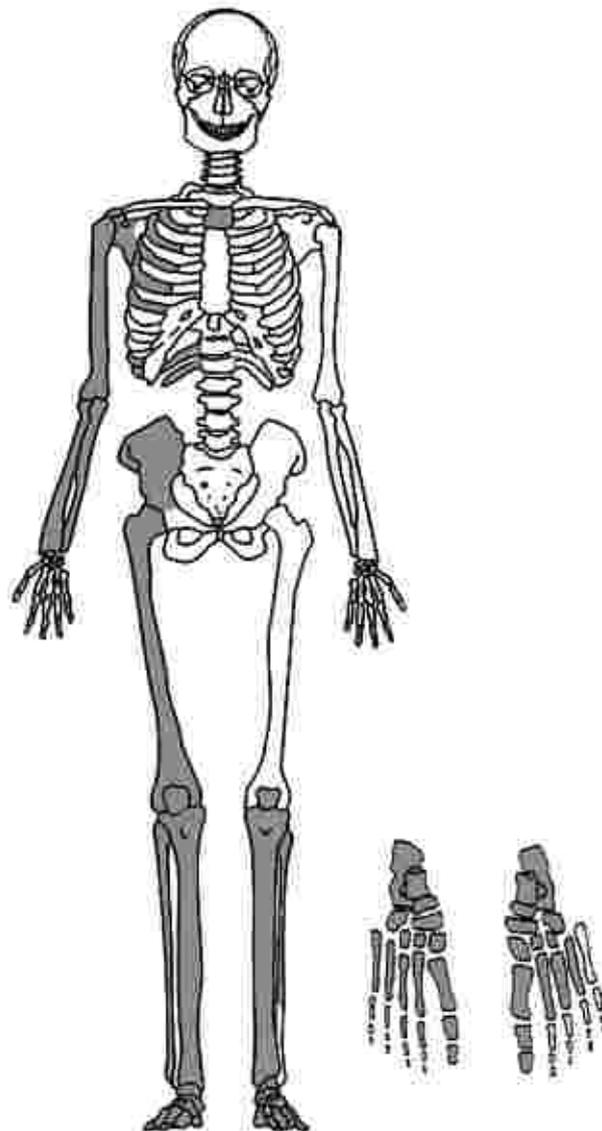
Burial Position and Details:

Plan No: 37L

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 951: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 952

Adult

Probable Female

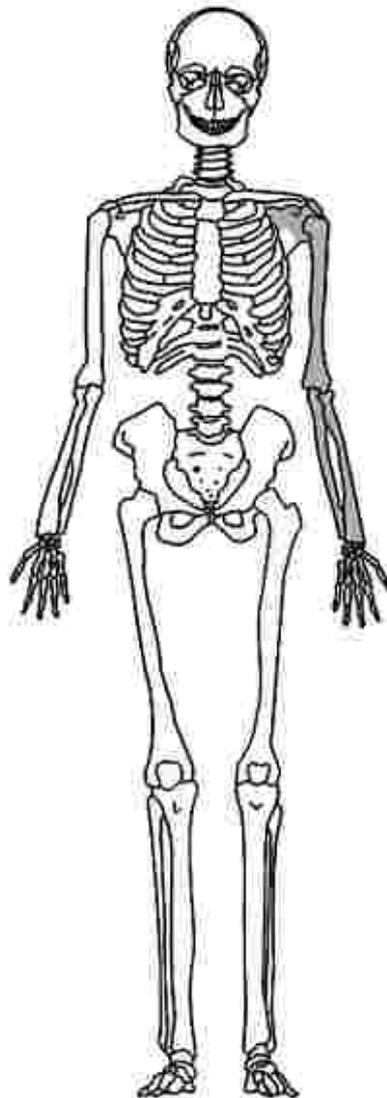
Burial Position and Details:

Plan No: 37L

Area No: 21

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 2

SK 952: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 953

Young Adult

Male: 174.7cm

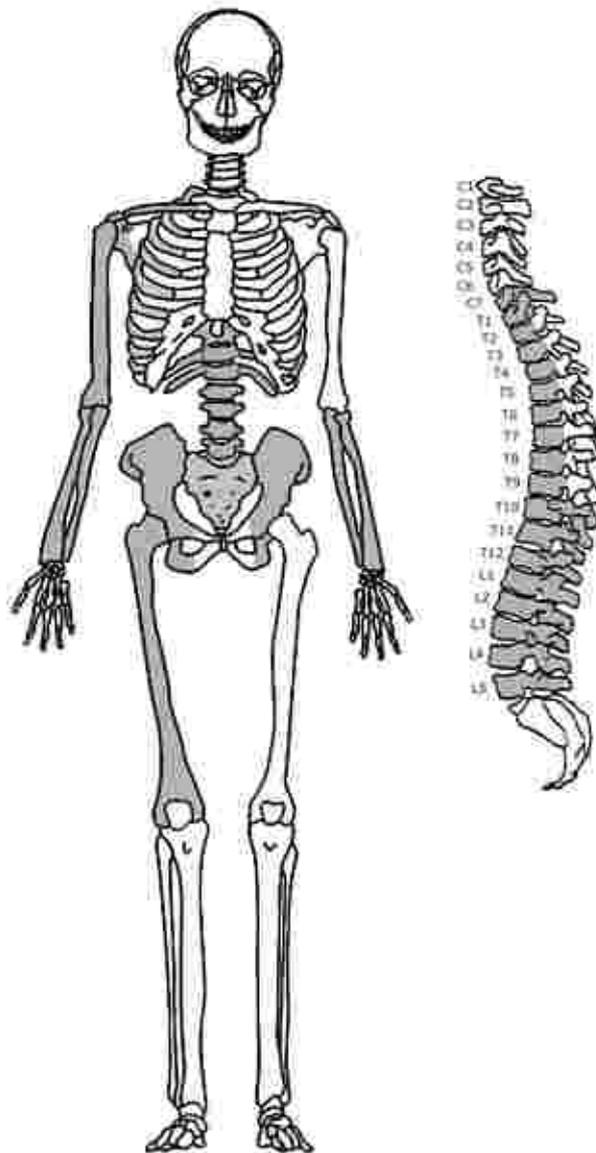
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 4

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	N/R
T2	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R
T3	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T6	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	0	0	N/R	4	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T9	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T10	0	5	0	N/R	0			0	N/R	0		
T11	5	5	0	0	0			0	0	4		
T12	5	0	0	0	0			0	0	0		
L1	5	0	0	0				N/R	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of T10, T11, T12 and L1.

Infection

Reactive Bone Formation and Osteitis with secondary Musculo-Skeletal Stress

SK 953 exhibits extensive bilateral periosteal and endosteal reactive lesions affecting both the axial and appendicular skeletal elements. Reactive bone deposits in the form of woven bone only are present at the inferior aspect of the right clavicle adjacent to the acromion end and on the anterior aspect of the body of the right scapula. A small patch of woven bone is also observable on the anterior aspect of the left ulna and the lateral aspect of the left MC3. An extensive mixed reaction of both woven and sclerotic bone is present at the right humerus and right and left radius and ulna. Extensive lesions composed of both woven and sclerotic bone are also present at the dorsal aspects of the right and left ilium and along the entire length of the right femoral shaft. Mixed lesions are also observable at the metacarpals of the right hand, specifically MC2, MC3 and MC4. Sclerotic lesions are observable at the posterior mid-shaft of the left radius.

SK 953 also exhibits possible endosteal reactive lesions at the right and left distal radial shafts. Extensively remodelled reactive bone formation at these locations has resulted in diaphyseal thickening. Associated cloacae indicate probable endosteal involvement (i.e. osteitis).

Vertical enthesophyte formation at the anterior aspect of the right proximal ulna, the dorsal aspect of the right ilium and the anterior-lateral aspect of the proximal femoral shaft indicates possible musculo-skeletal stress as a result of the extensive bone inflammation.

SK 953: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes
<i>Infection</i>	Non-specific: reactive bone deposits and probable osteitis
<i>Trauma</i>	Secondary Musculo-Skeletal Stress

SK 955

Middle Adult

Female

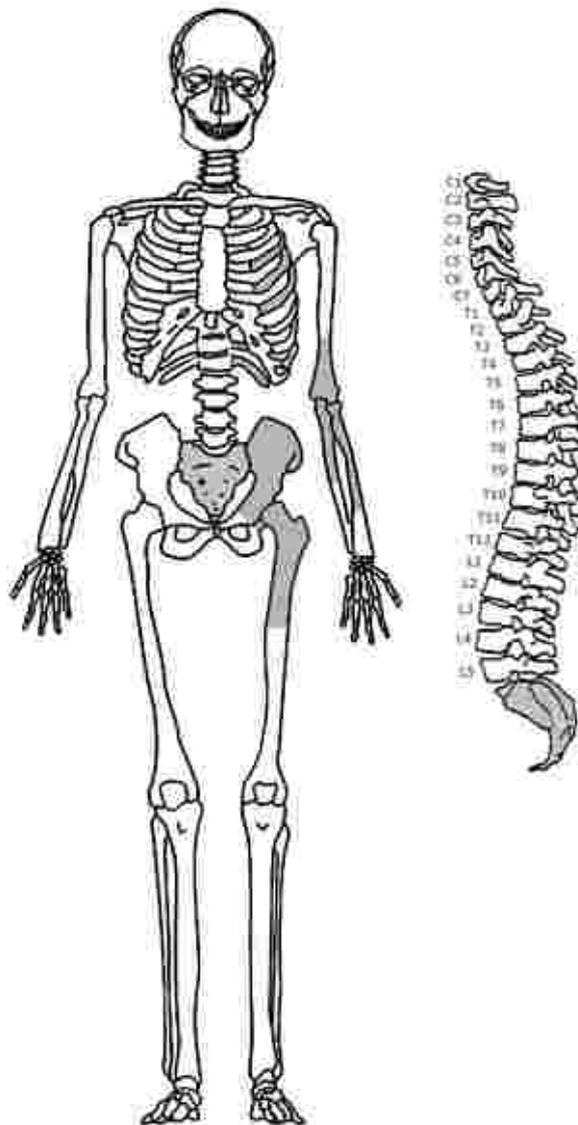
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 955: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 956

Adult

Sex Not Recordable

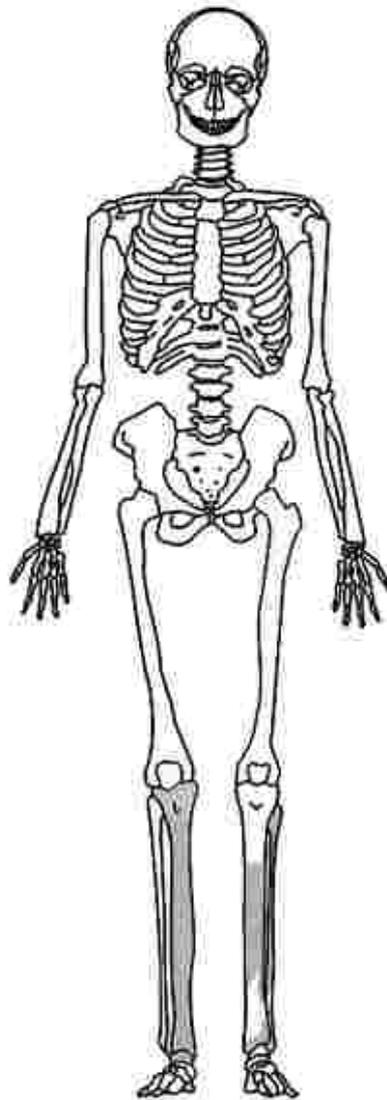
Burial Position and Details:

Plan No: 37K

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 956: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 957

Old Adult

Female

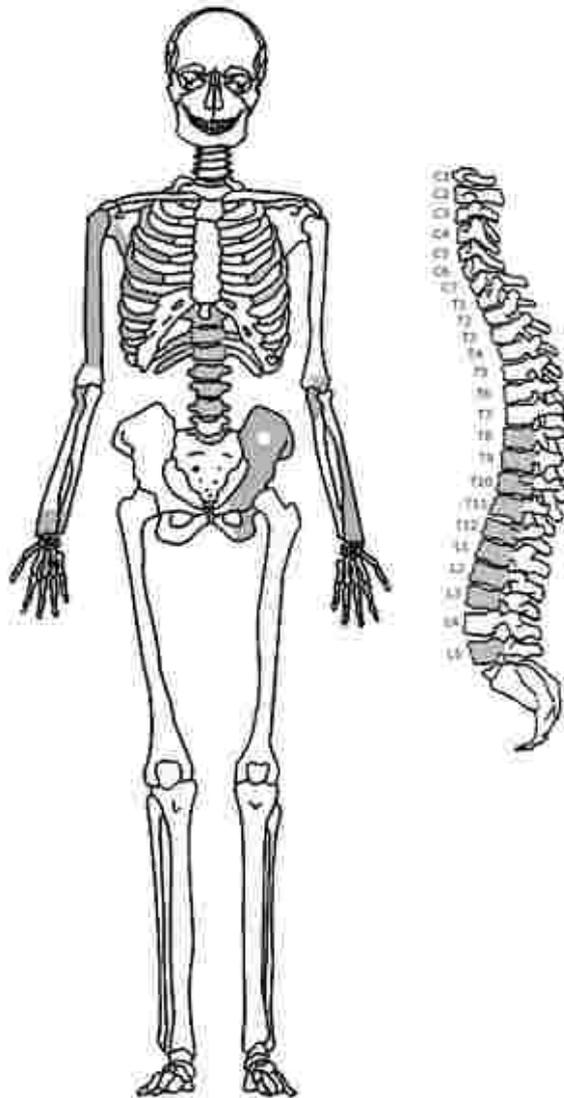
Burial Position and Details:

Plan No: 38B

Area No: Not specified

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The hands were positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	2 unnumbered thoracic centra present; porosity and osteophytes (osteochondritis) exhibited on the anterior aspect of the superior and inferior surfaces of both centra											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11	0	0	N/R	N/R	N/R		N/R	N/R	N/R			
T12	3	0	N/R	N/R	4		N/R	N/R	N/R			
I 1	0	0	N/R	N/R			N/R	N/R				
L2	0	0	N/R	N/R			N/R	N/R				
I 3	0	0	N/R	N/R			N/R	N/R				
I 5	0	0	N/R	N/R			N/R	N/R				

Joint

SK 957 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left Costal Facet
<i>Hip</i>	Marginal osteophytes, surface porosity	4x Right Costal Facets Left Acetabulum

SK 957: Palaeopathological Summary and Differential Diagnoses

Joint OA

SK 958A

Young Adult

Probable Female

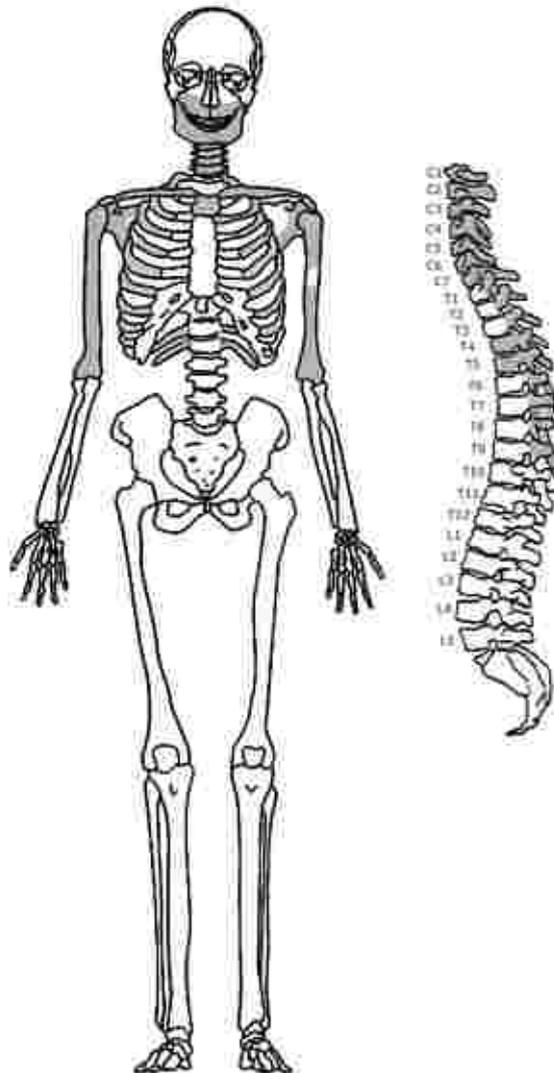
Burial Position and Details:

Plan No: 38B

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	2	1	0	0	1	2	N/P	2	2	1	1	N/P	2	1
Period. Dis.	N/P	N/R	0	0	0	0	0	0	N/P	0	0	0	0	3	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	0	N/P	0	0	0	0	N/P	0	0
Cyst	N/P	N/R	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	N/P	N/R	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Caries	N/P	2	0	0	0	0	0	0	N/P	0	0	0	0	N/P	0	1
Calculus	N/P	1	2	1	1	1	1	1	N/P	1	0	1	1	N/P	1	1
	N/P	1	1	1	1	1	1	1	N/P	1	1	1	1	4	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	2	2	2	2	2	2	2	2	1	1	2	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	1	2	1	1	2	2	2	2	2	2	2	2	2	1	0

Dental Disease

Antemortem Tooth Loss

SK 958A exhibits antemortem tooth loss of a maxillary 1st molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 17: Medium-sized carious lesion present at distal aspect of crown penetrating the pulp cavity

Tooth 28: Slight carious lesion present at the mesial aspect of the neck of the tooth

Congenital Abnormalities of the Teeth/ Jaws

Tooth 28 appears undeveloped with small tapering single root: peg-shaped

Overcrowding of the mandibular teeth has resulted in slight medial rotation of Tooth 28.

SK 958A: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, peg-shaped 3rd
molar, overcrowding

Congenital Peg-shaped molar

SK 958B

Adult

Sex Not Recordable

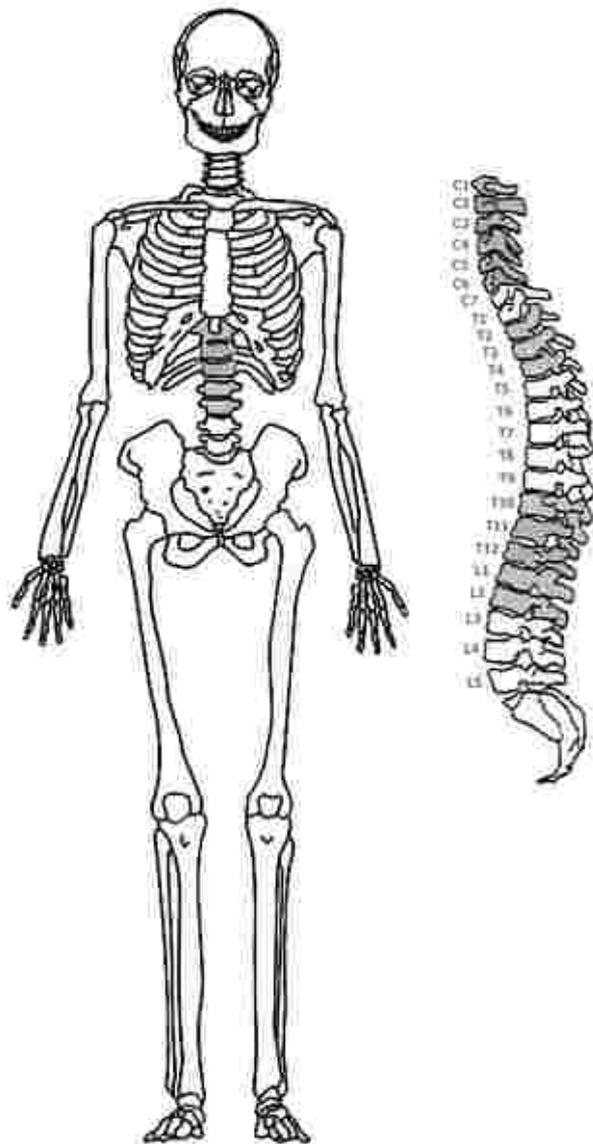
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	N/R	N/R				0	0			
C2	3	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
T1	3 thoracic neural arches present; porosity exhibited at left inferior facet of one of the neural arches											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	N/R	N/R	0	3, 4	N/R			3	0	N/R		
T11	3, 4	0	3, 4	0	0			0	0	0		
T12	0	0	0	N/R	0			0	0	0		
L1	N/R	N/R	0	4				4	0			
L2	N/R	N/R	N/R	0				N/R	0			

Trauma

Compression Fracture

A compression fracture is present at the vertebral body of T11 resulting in an anterior wedge-shaped appearance. The fracture line is still evident. Healing in the form of sclerotic callus bone formation is also observable. Secondary kyphosis as a result of this fracture cannot be assessed due to the absence of articulating vertebral bodies.

SK 958B: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD, compression fracture
Trauma Vertebral compression fracture

SK 959

Old Adult

Male

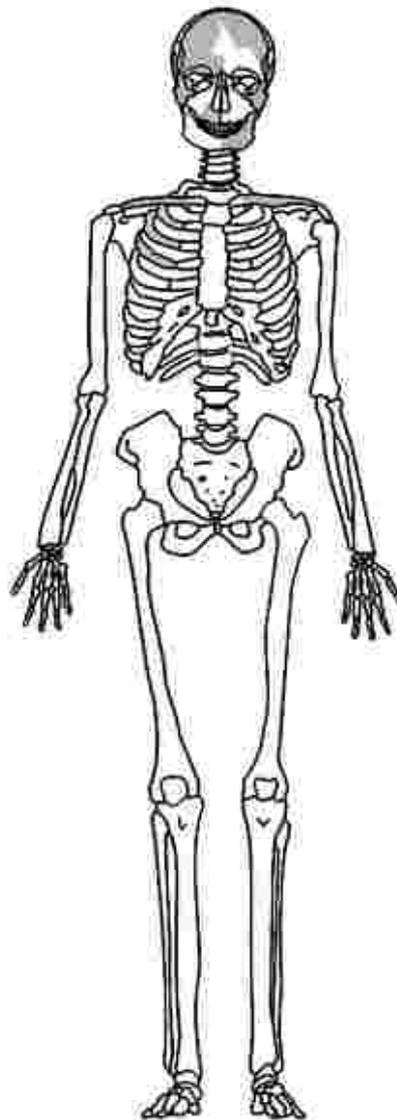
Burial Position and Details:

Plan No: 38B

Area No: 24

NW-SE orientation; simple, extended supine burial of poor completeness and poor preservation. The skull was positioned on the left side.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	2	3	3	2	1	2	1	N/P	2	N/P	N/P	1	3	3	3	N/P
Period. Dis.	N/R	N/R	1	2	2	N/R	N/R	N/R	NR	N/P	N/P	N/R	N/R	N/R	N/R	N/R
E.Hypoplasia	0	0	N/R	0	0	0	0	N/P	0	N/P	N/P	0	0	0	0	N/P
Cyst	N/R	N/R	0	0	0	0	0	N/R	N/R	N/P	N/P	N/R	N/R	N/R	0	N/R
Abscess	N/R	N/R	0	0	0	0	0	N/R	N/R	N/P	N/P	N/R	N/R	N/R	0	N/R
Caries	0	0	N/R	0	0	0	0	N/P	0	N/P	N/P	0	0	0	0	N/P
Calculus	0	1	N/R	1	1	1	1	N/P	1	N/P	N/P	1	1	2	2	N/P
	1	1	5	1	1	1	1	2	1	N/P	N/P	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	N/P	1	N/P	N/P	N/P	N/P	N/P	1	1	N/P	1	1	1
Calculus	3	1	2	N/P	2	N/P	N/P	N/P	N/P	N/P	2	2	N/P	1	2	1
Caries	0	1	1	N/P	0	N/P	N/P	N/P	N/P	N/P	0	1	N/P	3	0	0
Abscess	N/R	N/R	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/R	N/R	N/P	1	0	0
Cyst	N/R	N/R	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/R	N/R	N/P	0	0	0
E.Hypoplasia	0	0	0	N/P	0	N/P	N/P	N/P	N/P	N/P	0	0	N/P	N/R	0	0
Period. Dis.	N/R	N/R	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/R	N/R	N/P	3	2	2
Attrition	2	3	3	N/P	2	N/P	N/P	N/P	N/P	N/P	1	1	N/P	N/R	3	2

Dental Disease

Caries, Abscess

Tooth 34: Small carious lesion present on the medial aspect at the neck of the tooth

Tooth 36: Large carious lesion present which has eroded the majority of the tooth and penetrating the pulp cavity; associated abscess also present

Tooth 46: Small carious lesion present on the medial aspect at the neck of the tooth

Tooth 46: Small carious lesion present on the lingual aspect at the neck of the tooth

Congenital Abnormalities of the Teeth

Radix Entomolaris

Tooth 48 exhibits two accessory buccal rootlets.

Cranial Pathology

Trauma

Sharp-force trauma

A healed sharp-force weapon wound is present at the left parietal boss. The lesion is linear in shape measuring 30.77mm anterior-posterior, 5.62mm medial-lateral and 1.24mm in depth. Extensive healing is observable in the form of sclerotic callus bone at the lesion site. This wound is likely to have been inflicted by a bladed weapon such as a sword.

SK 959: Palaeopathological Summary and Differential Diagnoses

Dental Radix Entomolaris, caries, dental abscess, calculus, dental attrition, periodontal disease

Trauma Healed Sharp-force cranial trauma

SK 960

Adult

Probable Female

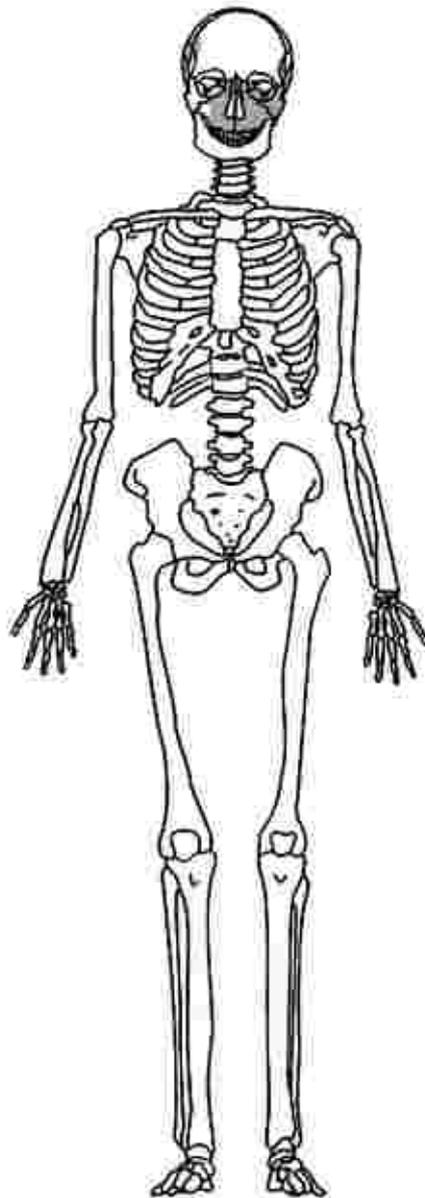
Burial Position and Details:

Plan No: 38B

Area No: 24

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/R	N/R	N/R	N/R	0	0	N/R	1	N/R	N/R	N/R	0	0	1	0	0
Period. Dis.	N/R	0	0	0	0	0										
E.Hypoplasia	N/R	N/R	N/R	N/R	0	0	N/R	0	N/R	N/R	N/R	0	0	0	0	0
Cyst	N/R	0	0	0	0	0										
Abscess	N/R	0	0	0	0	0										
Caries	N/R	N/R	N/R	N/R	0	0	N/R	0	N/R	N/R	N/R	0	0	0	0	0
Calculus	N/R	N/R	N/R	N/R	1	0	N/R	0	N/R	N/R	N/R	1	1	2	1	1
	N/R	N/R	N/R	2	1	1	2	1	2	2	2	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

SK 960: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 961

Adult

Sex Not Recordable

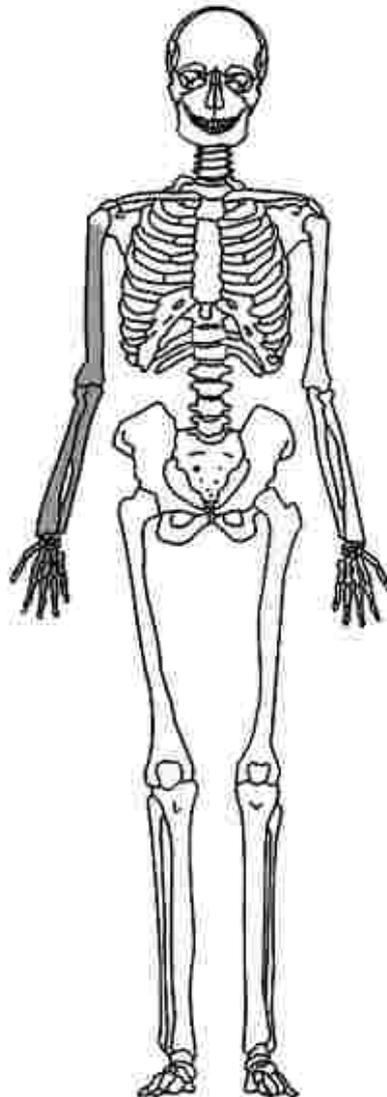
Burial Position and Details:

Plan No: 31I

Area No: 26

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. Both arms were extended and crossing with the hands positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Joint

SK 961 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Wrist</i>	Marginal osteophytes	Distal right radius

SK 961: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 962

Young Adult Male

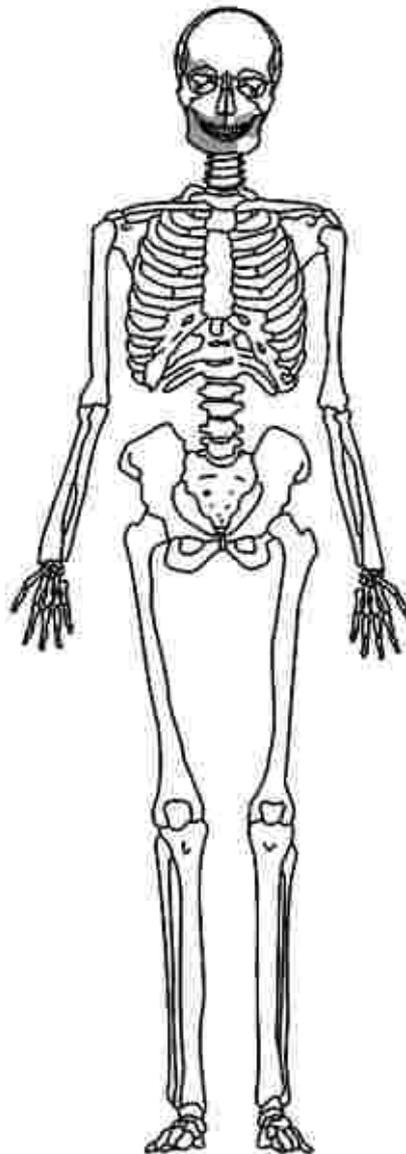
Burial Position and Details:

Plan No: 311

Area No: 26

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/R	2	2	1	1	1	N/R	N/R	N/R	N/R	1	N/R	1	2	2	N/R
Period. Dis.	N/R	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0
E.Hypoplasia	N/R	1	N/R	1	1	0	N/R	N/R	N/R	N/R	0	N/R	0	1	1	N/R
Cyst	N/R	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0
Abscess	N/R	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0
Caries	N/R	0	0	0	0	0	N/R	N/R	N/R	N/R	0	N/R	0	0	0	N/R
Calculus	N/R	0	1	0	1	1	N/R	N/R	N/R	N/R	1	N/R	0	0	0	N/R
	N/R	1	1	1	1	1	N/R	N/R	N/R	2	1	2	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
Calculus	1	0	0	1	N/R	N/R	1	0	1	1	1	2	2	2	2	1
Caries	0	0	0	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	N/R	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	N/R	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	N/R	0	0	0	0	0	0	1	0	0	0	0	0
Attrition	1	2	2	1	N/R	N/R	1	1	1	1	0	0	0	2	1	1

Dental Disease

Enamel Hypoplasia

Tooth 14: 1 hypoplastic groove present; 3.16mm from the cemento-enamel junction

Tooth 15: 1 hypoplastic groove present; 1.93mm from the cemento-enamel junction

Tooth 17: 1 hypoplastic groove present; 1.32mm from the cemento-enamel junction

Tooth 26: 1 hypoplastic groove present; 2.04mm from the cemento-enamel junction

Tooth 27: 1 hypoplastic groove present; 1.53mm from the cemento-enamel junction

SK 962: Palaeopathological Summary and Differential Diagnoses

Dental Enamel hypoplasia, periodontal disease, calculus, dental attrition

SK 964

Young Adult

Sex Not Recordable

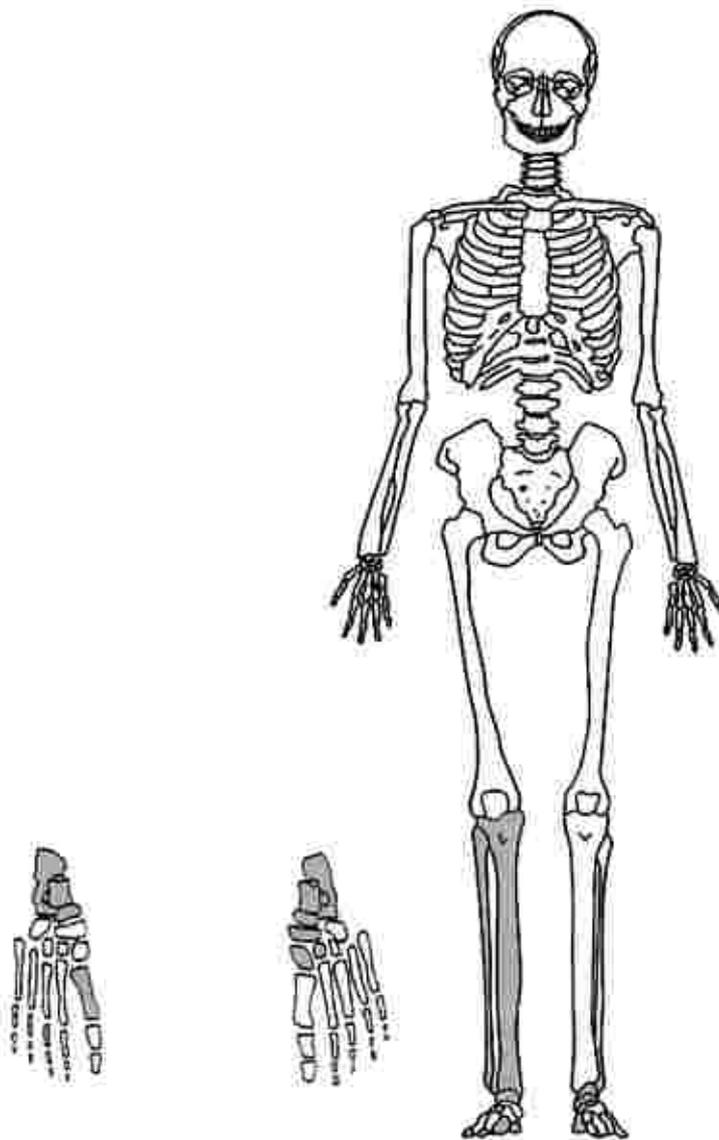
Burial Position and Details:

Plan No: Not specified

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right leg was extended with the right foot flexed.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 2

SK 964: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 965

Young Adult

Male

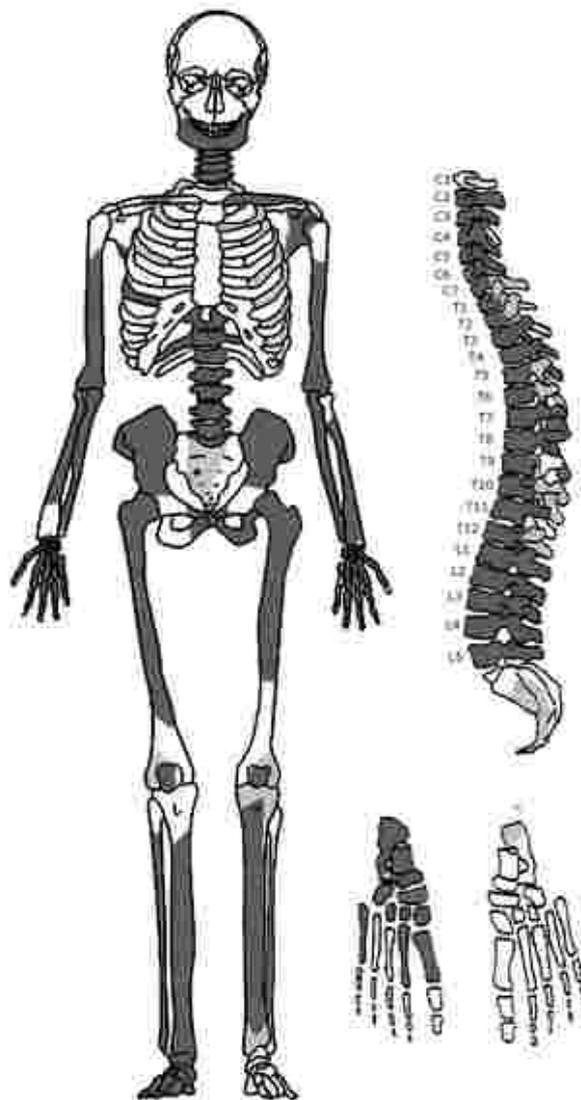
Burial Position and Details:

Plan No: 46

Area No: 28

Orientation not specified: simple, extended supine burial of good completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	0														
Period. Dis.	N/P	N/R														
E.Hypoplasia	N/P	0														
Cyst	N/P	N/R														
Abscess	N/P	N/R														
Caries	N/P	0														
Calculus	N/P	0														
	N/P	1														
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	6	1	1	1	2	2	1	1	1	2	1	1	1	1	1	6
Calculus	N/P	0	0	0	N/R	N/R	1	1	1	N/R	0	1	1	1	1	N/P
Caries	N/P	0	0	0	N/R	N/R	0	0	0	N/R	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	N/R	N/R	0	0	0	N/R	0	0	0	0	0	N/P
Period. Dis.	N/P	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	N/P
Attrition	N/P	0	1	0	N/R	N/R	1	1	1	N/R	1	0	0	1	0	N/P

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/R	N/R	N/R				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				4	0			
C5	0	0	0	N/R				0	N/R			
C6	0	0	N/R	N/R				N/R	N/R			
C7	N/R	0	N/R	0				N/R	0			
T1	0	0	0	0	0	N/R	N/R	4	0	N/R	N/R	N/R
T2	0	0	0	0	0	N/R	N/R	0	0	N/R	N/R	N/R
T3	0	4	0	N/R	N/R	N/R	N/R	0	N/R	0	0	N/R
T4	4	4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	N/R	4	N/R	N/R	0	0	N/R	N/R	N/R	4	0	N/R
T6	0	4	0	0	0	0	N/R	0	0	N/R	N/R	N/R
T7	0	0	0	N/R	0	0	N/R	0	N/R	0	N/R	0
T8	4	4, 5	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T9	4,5	4,5	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T10	5	4,5	0	N/R	0			0	N/R	0		
T11	5	5	0	0	0			0	N/R	0		
T12	5	5	0	N/R	0			N/R	N/R	0		
L1	0	0	0	0				0	0			
L2	0	0	0	0				N/R	0			
L3	0	0	0	0				N/R	0			
L4	0	0	0	4				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T8, T9, T10, T11 and T12.

*Infection**Reactive Bone Formation*

SK 965 exhibits a periosteal reactive lesion at the right and left fibula. Reactive bone deposits in the form of both woven and sclerotic bone is present along the length of the left fibular shaft. Sclerotic bone is also present at the mid-shaft of the right fibula. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 965: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Vertebral Schmorl's nodes
Infection Non-specific: reactive bone deposits

SK 967A

Young Adult

Female

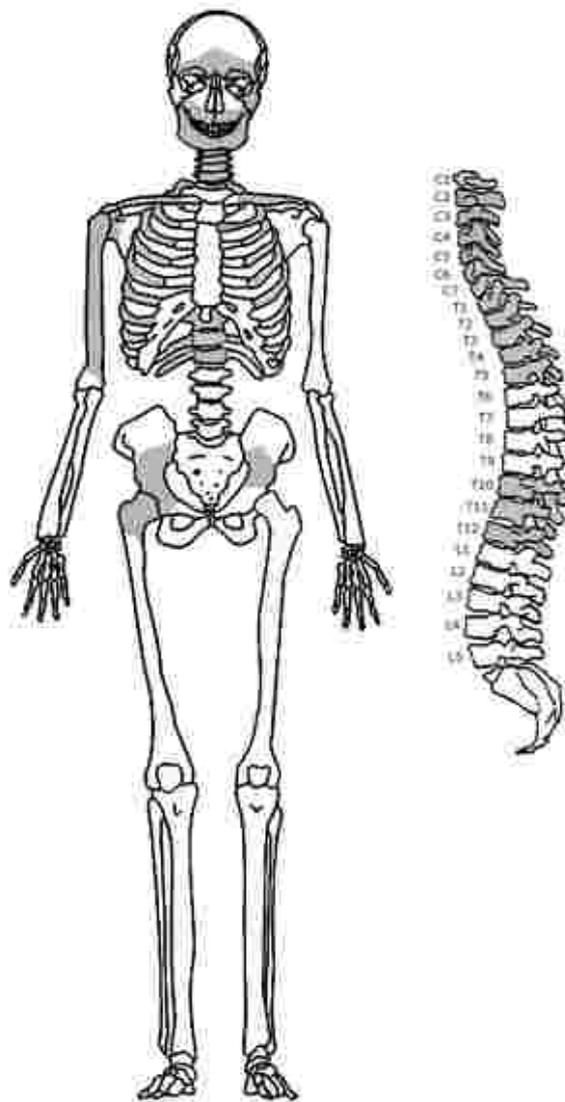
Burial Position and Details:

Plan No: 43C

Area No: 25

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	0	0	0	0	0	1	1	1	1	1	1	N/P	0	1	0	0
Period. Dis.	2	2	1	2	2	N/R	1	1	1	1						
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0	0
Calculus	1	2	2	2	1	2	1	1	1	1	1	N/P	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	4	2	2	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	N/P	N/P	N/P	3	2	3	3	3	3	2	1	2	1	1
Caries	0	0	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	N/R	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	N/R	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	1	N/R	N/R	N/R	1	1	1	1	1	1	2	2	2	1	0
Attrition	0	0	N/P	N/P	N/P	1	1	2	1	1	1	0	0	1	0	0

Dental Disease

Antemortem Tooth Loss

SK 967A exhibits antemortem tooth loss of a maxillary 1st molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Congenital Abnormalities of the Teeth/ Jaws

SK 967A exhibits an overbite.

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate and middle-medial sector of the left orbital roof.

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Joint

SK 967A exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Surface osteophytes, surface porosity	Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	Left 1 st and one unnumbered rib head Right 1 st rib head and one unnumbered rib head 2x Right Costal Facets

Congenital

Block vertebrae

SK 967A exhibits congenital fusion of the neural arches of 2 unnumbered thoracic vertebrae. The corresponding vertebral bodies were not present for analysis to assess possible fusion at this location also.

967A: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition
Joint DJD
Metabolic Non-specific Stress Indicator at cranial vault: Possible Porotic Hyperostosis , CO
Congenital Block vertebrae

SK 967B

Adult

Sex Not Recordable

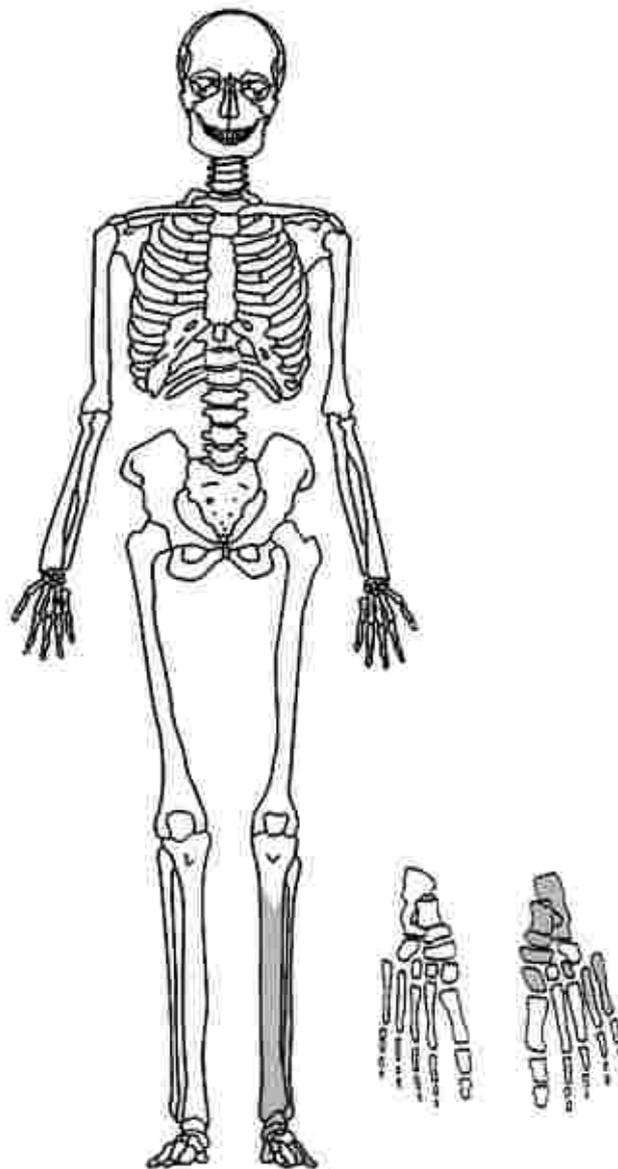
Burial Position and Details:

Plan No: 43C

Area No: 25

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 3

SK 967B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 969

Adult

Sex Not Recordable

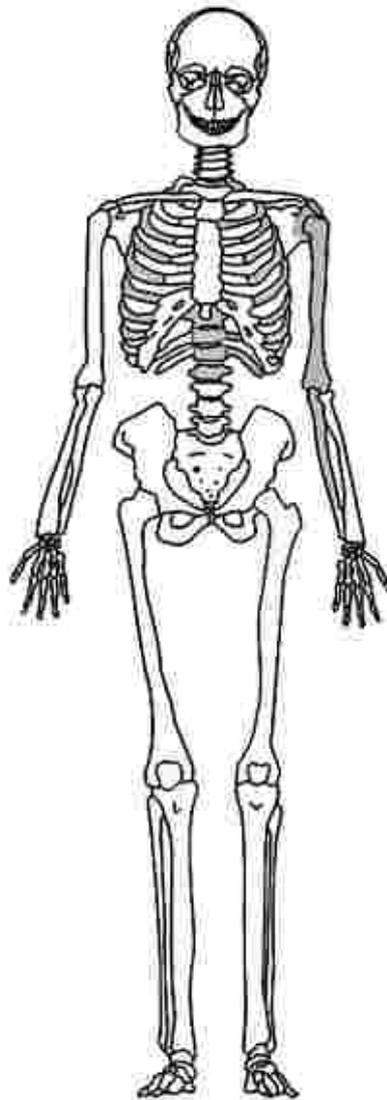
Burial Position and Details:

Plan No: 43C

Area No: 25

E-W orientation; simple, extended supine burial of poor completeness and good preservation.
The left arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 969: Palaeopathological Summary and Differential Diagnoses

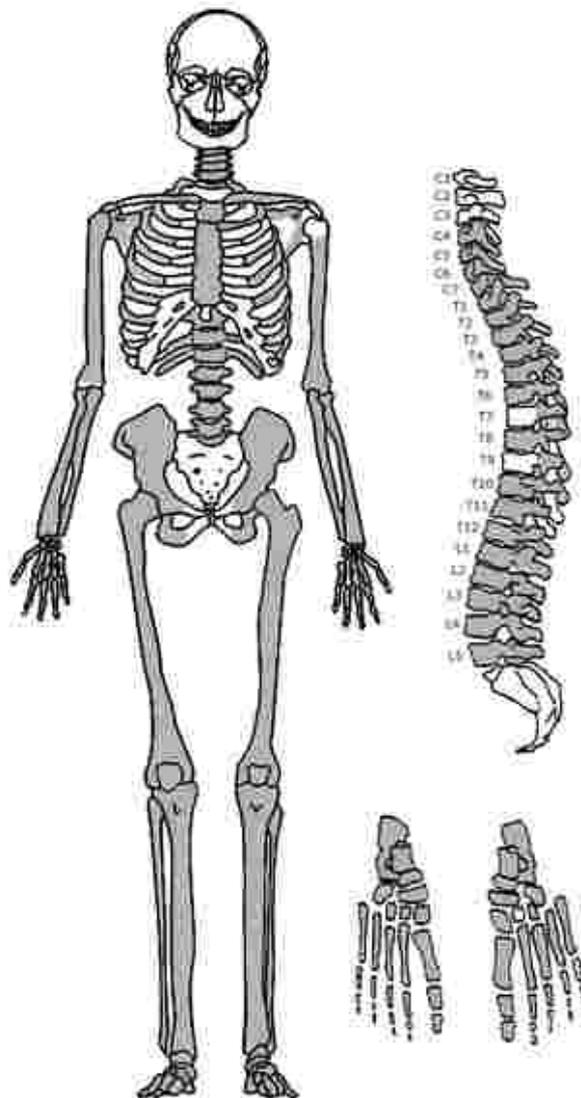
No pathological lesions were observed on the skeletal elements present for analysis.

SK 970**Young Adult****Female: 160.3cm****Burial Position and Details:**

Plan No: 47

Area No: 11A

N-S orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet crossing.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R
T5	0	0	0	0	0	4	N/R	0	0	0	0	N/R
T6	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	4	N/R	N/R	N/R
T7	0	0	0	0	4	N/R	N/R	0	0	0	N/R	N/R
T8	0	0	0	0	0	0	N/R	0	0	0	4	N/R
T9	0	0	4	0	0	N/R	0	4	0	0	0	N/R
T10	0	0	0	4	4			4	4	0		
T11	0	0	4	0	4			4	0	0		
T12	0	0	0	0	4			0	0	N/R		
L1	5	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of L1.

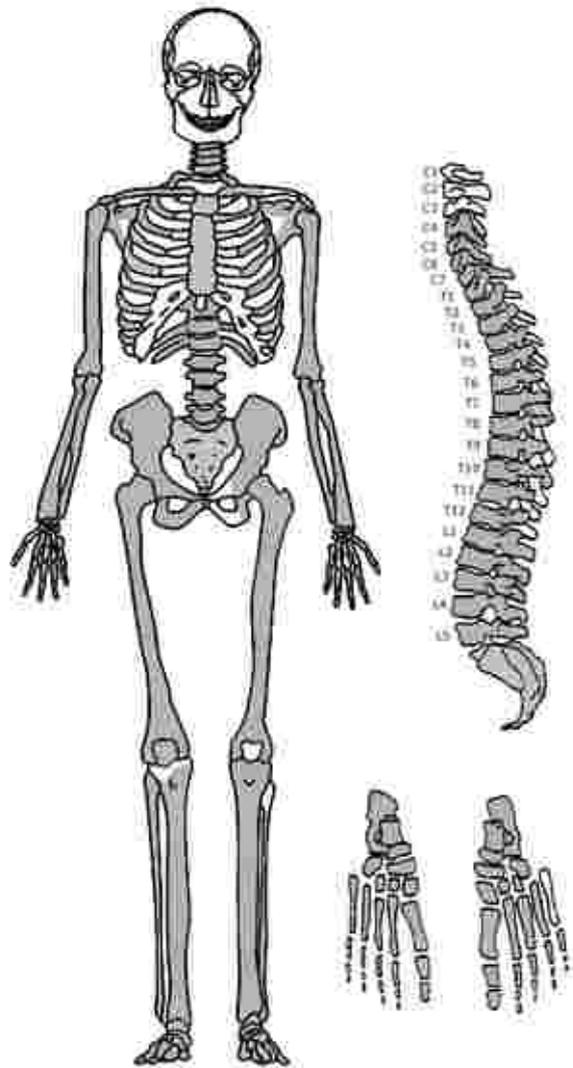
SK 970: Palaeopathological Summary and Differential Diagnoses*Vertebral* Schmorl's node

SK 971**Young Adult****Probable Female: 156cm****Burial Position and Details:**

Plan No: 37M

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were extended with the hands positioned on either side of the body. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 971: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 972**Old Adult****Indeterminate Sex****Burial Position and Details:**

Plan No: 41A

Area No: 26

W-E orientation; simple, extended supine burial of moderate completeness and poor preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Joint

SK 972 exhibits pathological lesions indicative of degenerative joint disease and / or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets 1x Left rib head 3x Right Costal Facets
<i>Hip</i>	Marginal osteophytes, surface porosity	Right 11 th rib head Right Acetabulum
<i>Knee</i>	Marginal osteophytes	Left and Right Femoral Head Left Patella

SK 972: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral Osteochondrosis
Joint DJD, Osteoarthritis

SK 973

Young Adult

Female: 156.9cm

Burial Position and Details:

Plan No: 32J

Area No: 26

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The right hand was positioned below the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	0				N/R	N/R			
C3	0	0	N/R	N/R				0	0			
C4	0	4	N/R	N/R				0	0			
C5	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	N/R	N/R	0	N/R	0	0	N/R	4	N/R	0	0	0
T3	0	0	0	N/R	0	0	N/R	4	N/R	N/R	N/R	N/R
T4	0	0	N/R	N/R	N/R	0	N/R	0	N/R	0	0	0
T5	0	4	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T6	N/R	4	0	0	0	N/R	0	0	0	4	N/R	0
T7	0	4	0	N/R	4	4	N/R	0	N/R	4	0	N/R
T8	0	N/R	0	N/R	0	0	N/R	N/R	N/R	4	0	N/R
T9	0	0	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T10	N/R	N/R	0	0	N/R			0	4	0		
T11	N/R	N/R	0	0	N/R			0	0	N/R		
T12	N/R	N/R	N/R	0	N/R			N/R	0	N/R		
I 1	0	0	N/R	0				0	0			
L2	0	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

SK 973: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 974

Adult

Sex Not Recordable

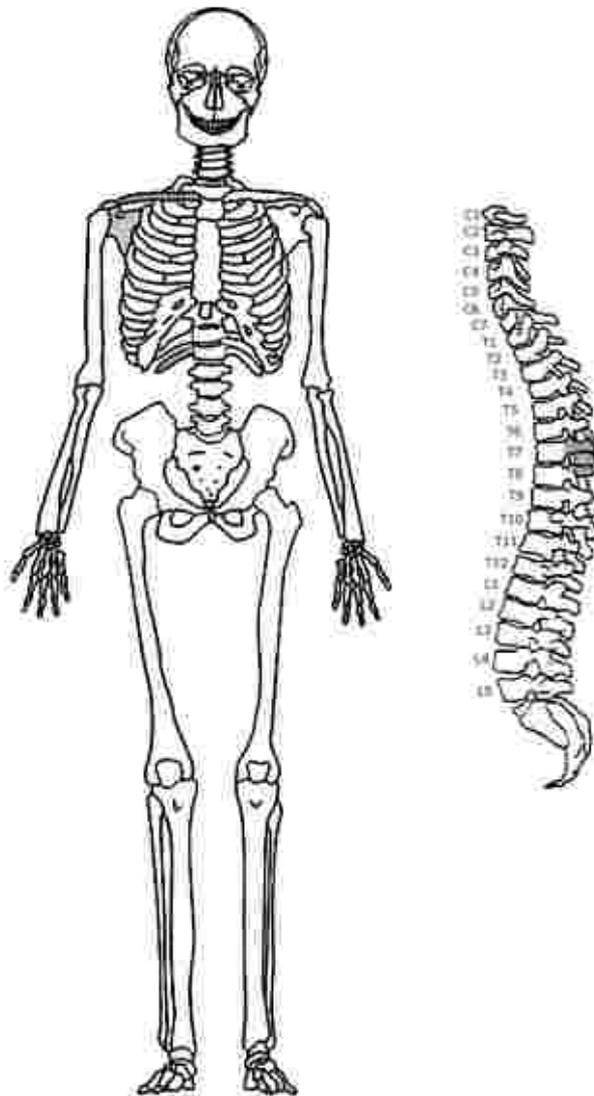
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 974: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 975

Young Adult

Probable Male: 168.7cm

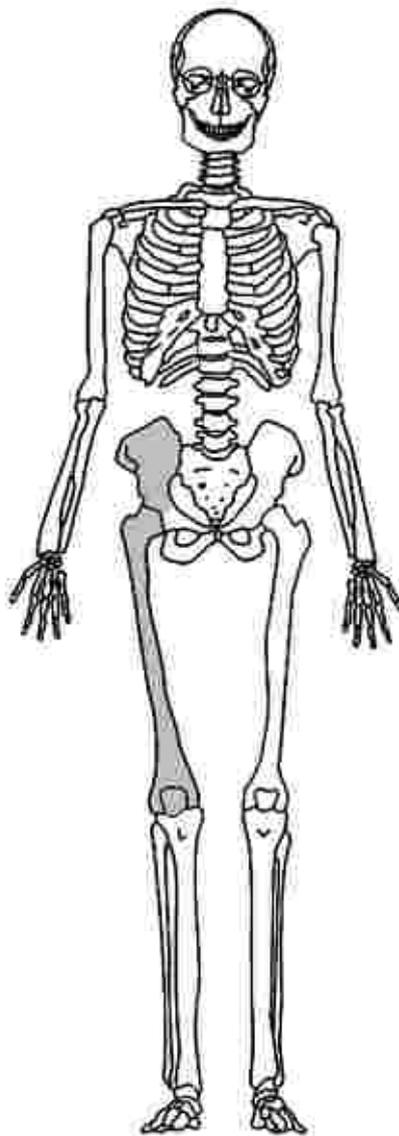
Burial Position and Details:

Plan No: 32J

Area No: 26

E-W orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

SK 975: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 976

Middle Adult

Female: 142.3cm

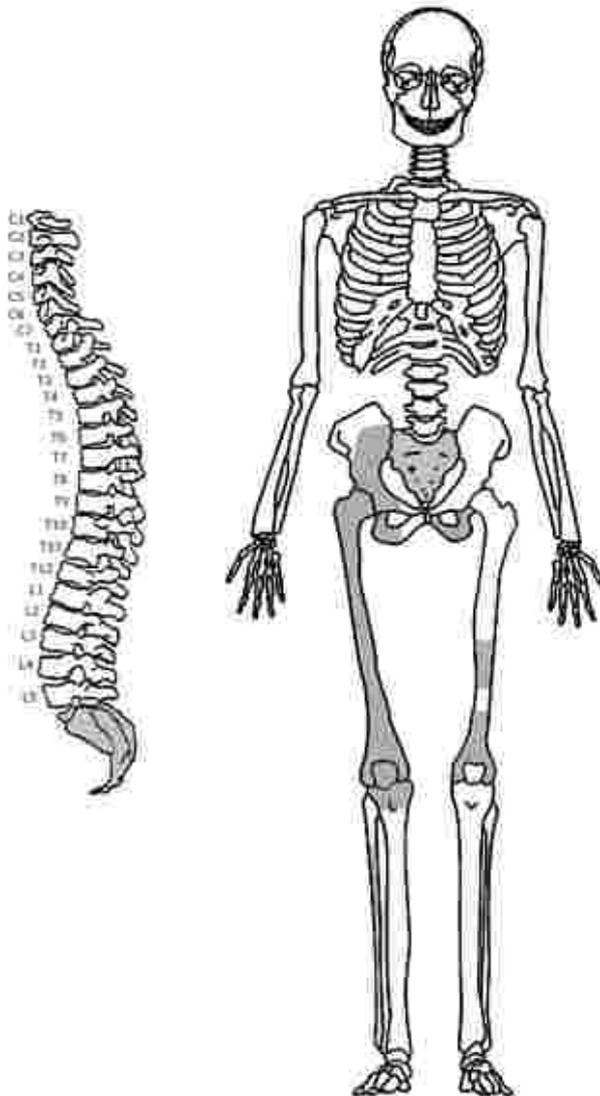
Burial Position and Details:

Plan No: 32J

Area No: 26

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. The hands were positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

SK 976: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 977

Young Adult

Male: 170.8cm

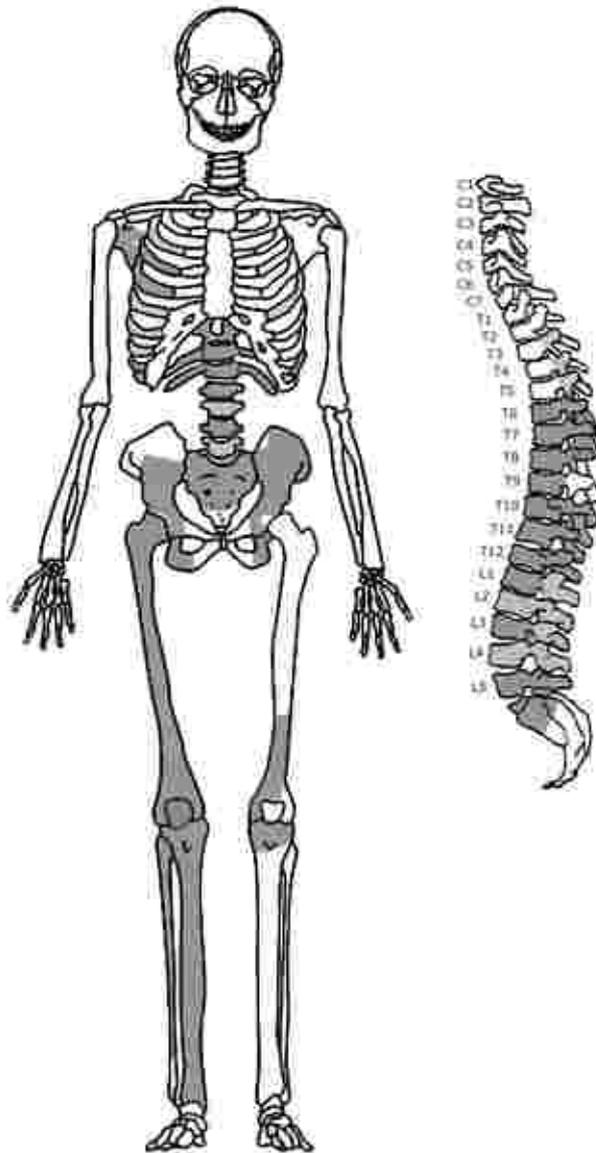
Burial Position and Details:

Plan No: 41B

Area No: 26

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	No pathological lesions are evident on the three unnumbered thoracic vertebrae neural arches which are present for analysis.											
T2												
T3												
T4												
T5												
T6	5	0	0	0	0	0	0	0	0	0	0	N/R
T7	0	0	0	0	0	N/R	N/R	0	0	0	0	N/R
T8	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T10	0	5	0	0	0			0	0	0		
T11	5	5	0	0	0			0	0	0		
T12	5	5	0	0	0			N/R	0	0		
L1	5	0	0	N/R				N/R	0			
L2	N/R	0	N/R	N/R				0	0			
L3	0	0	N/R	4				0	0			
L4	0	0	0	0				0	N/R			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6, T10, T12 and L1. Schmorl's nodes of moderate expression are present at the vertebral bodies of T11 and T12.

SK 977: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 978 **Young Adult** **Female: 144.4cm**

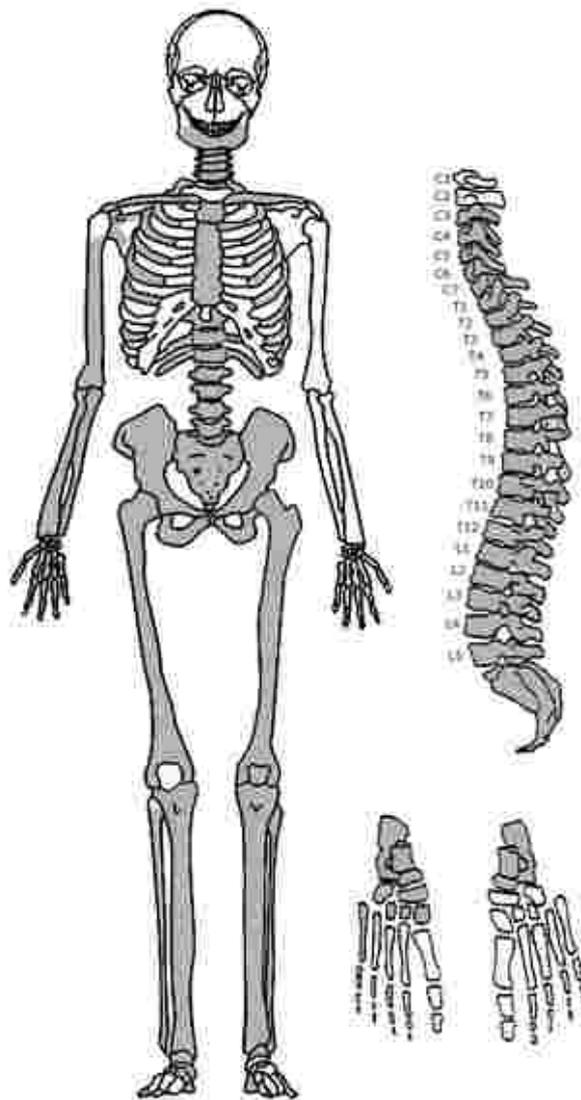
Burial Position and Details:

Plan No: 37M

Area No: 21

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The right hand was positioned over the pelvic region. Both legs were extended. Buried with SK 986 and SK 979.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	2	2	4	4	1	1	1	1		1	1	1	1	2	1	1	1
Calculus	N/P	N/P	N/P	N/P	1	1	1	1		1	1	1	0	N/P	1	1	0
Caries	N/P	N/P	N/P	N/P	0	0	0	0		0	0	0	0	N/P	0	0	0
Abscess	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	N/P	N/P	0	0	0	0		0	0	0	0	N/P	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Attrition	N/P	N/P	N/P	N/P	0	0	1	1		1	1	1	0	N/P	2	2	1

Dental Disease

Antemortem Tooth Loss

SK 978 exhibits antemortem tooth loss of 2 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Post Cranial Pathology

Joint

SK 978 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Foot</i>	Surface osteophytes	Right Calcaneus

SK 978: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, calculus, dental attrition

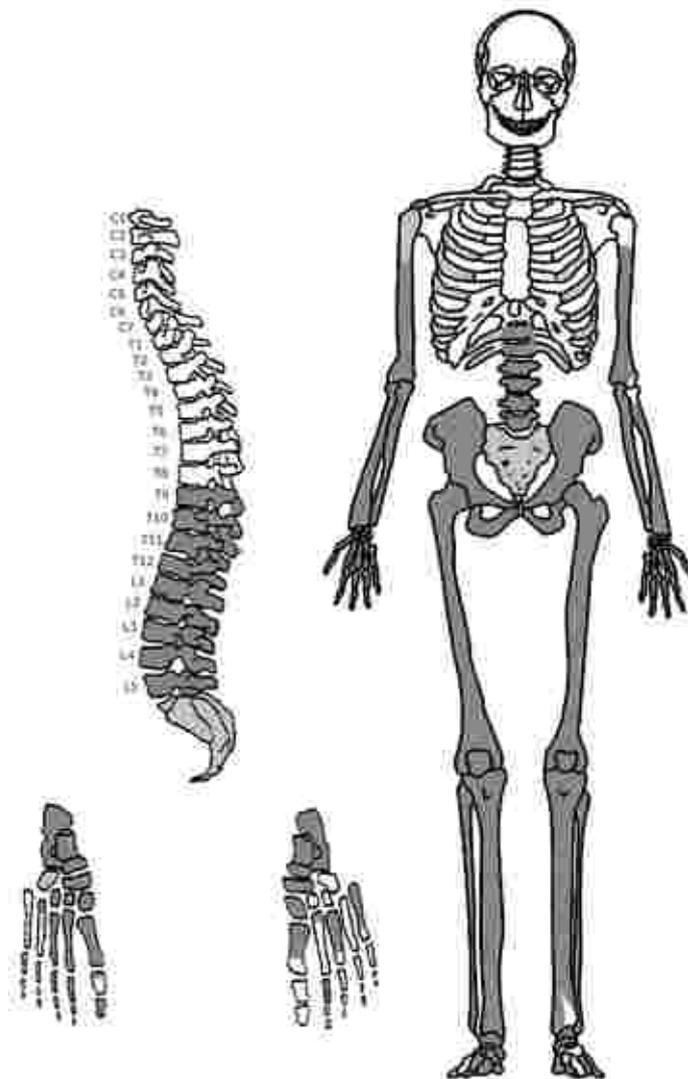
Joint DJD

SK 982**Young Adult****Male: 169.2cm****Burial Position and Details:**

Plan No: 38A

Area No: 24

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together. SK 982 was found in association with the find F118: a pottery sherd, and buried with SK 981.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 982: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 983

Young Adult

Sex Not Recordable

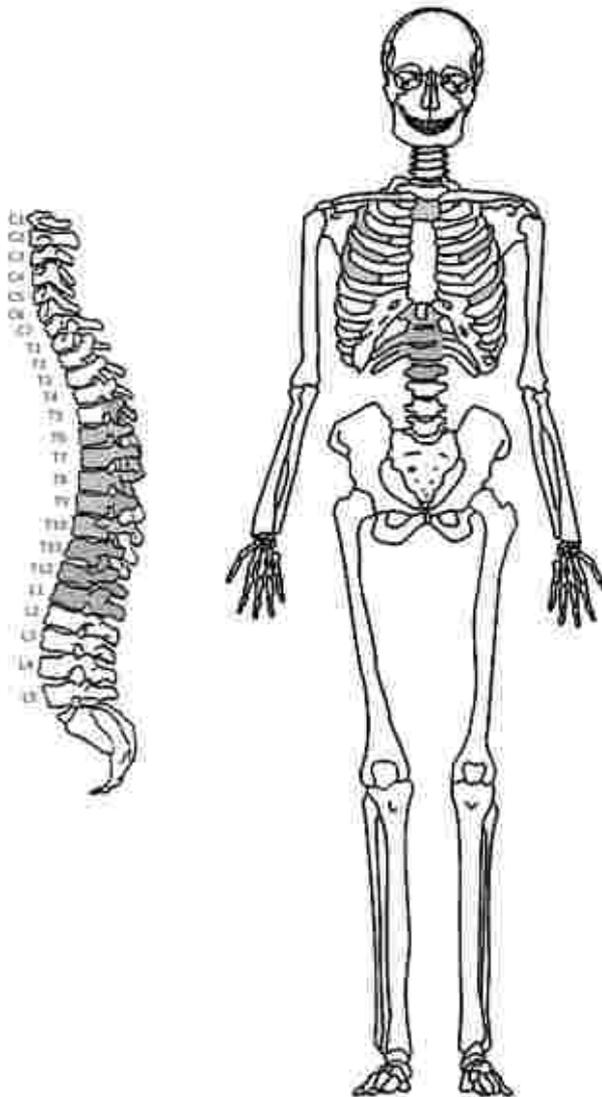
Burial Position and Details:

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 983: Palaeopathological Summary and Differential Diagnoses

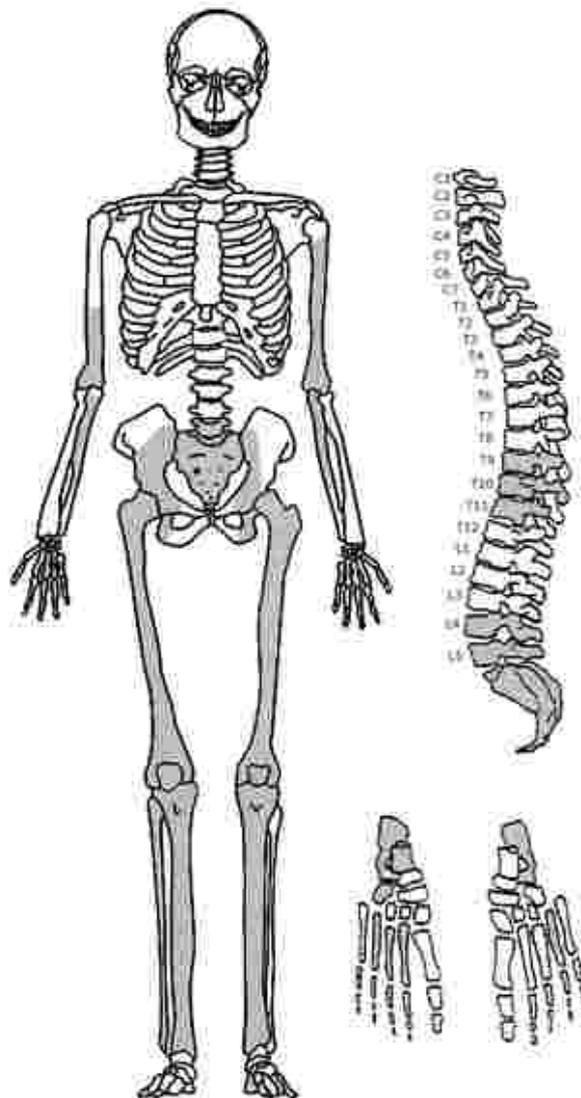
No pathological lesions were observed on the skeletal elements present for analysis.

SK 984**Middle Adult****Probable Male: 165.8cm****Burial Position and Details:**

Plan No: 43C

Area No: 25

Orientation not specified: simple, extended supine burial of moderate completeness and moderate preservation. The hands were positioned over the pelvic region. Both legs were extended and crossing.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

Post Cranial Pathology

Infection

Bone Inflammation: Osteomyelitis

SK 984 exhibits an extensive medullary cavity reactive lesion at the left femur resulting in severe deformity and abnormal diaphyseal thickening of the affected bone shaft. Abnormal bone loss in the form of pitting and irregular bone destruction is observable along the entire length of the femoral shaft. This deep bone infection has resulted in the formation of an involucrum surrounding the original bone shaft (i.e. sequestrum). The cortex of this new sheath of bone is perforated by 2 cloacae indicating medullary cavity involvement. There is joint contour change and necrosis of the left femoral head in response to this infection which is no longer spherical in shape. The femoral head exhibits extensive macroporosity and increased vascularisation, likely indicative of avascular necrosis.

A corresponding, possible secondary lesion of abnormal bone loss is exhibited at the ischium of the left pelvis. The inferior border of the acetabulum has been completely resorped by this bone loss. There is clearly discernible atrophy of the ischium. Probable secondary DJD is observable at the superior border of the acetabulum in the form of sharp ridge marginal lipping and macroporosity. Secondary Musculo-skeletal stress is also observable at the ischium in the form of vertical enthesophyte formation at the ischial spine at the insertion point of the sacrospinous ligament.

SK 984: Palaeopathological Summary and Differential Diagnoses

Infection Osteomyelitis, Abnormal Bone Loss

SK 987

Middle Adult

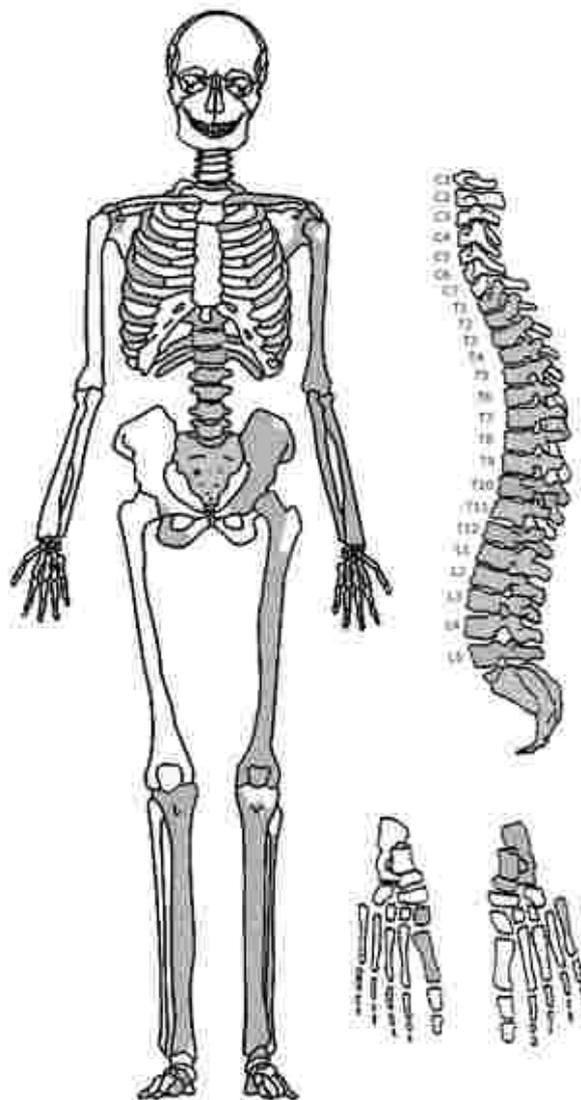
Female: 154.9cm

Burial Position and Details:

Plan No: 32D

Area No: 20

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. The left leg was extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	4	4	N/R	N/R	N/R	N/R	N/R	0	N/R	4	0	0
T2	8 unnumbered thoracic centra present all exhibiting porosity on the superior and inferior bodies 2 unnumbered thoracic vertebral arches present; not pathological lesions exhibited at the observable articular surfaces											
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	4	4	0	0	4		N/R	0	N/R			
T11	N/R	N/R	0	0	4		0	4	N/R			
T12	4	4	0	0	4		0	0	0			
L1	4	N/R	0	0			0	0				
L2	N/R	N/R	0	0			0	0				
L3	N/R	N/R	0	0			0	0				
L4	N/R	N/R	0	0			0	0				
L5	4	4	0	0			0	0				

Trauma

Compression fractures

Compression fractures are present at the vertebral bodies of T12 and L1 resulting in an anterior wedge-shaped appearance to the affected vertebral bodies. Structural collapse at these vertebral bodies appears to be the result of a weakened trabecular structure. Secondary kyphosis as a result of these fractures cannot be assessed due to the absence of articulating vertebral bodies.

Joint

SK 987 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity	4x Left Costal Facets 3x Right Costal Facets
<i>Hip</i>	Surface osteophytes, surface porosity, subchondral bone loss, marginal osteophytes	Left and right Acetabulum Left Femoral Head

*Miscellaneous Pathology**Unidentified Biological Objects*

Three ossified cylindrical objects were recovered from the vertebral fragments of SK 987. These bony formations are irregular in shape and appear to be composed of poorly organised woven bone.

SK 987: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Intervertebral osteochondrosis, Compression fractures
<i>Joint</i>	DJD, Osteoarthritis
<i>Miscellaneous</i>	Ossified biological objects

SK 988

Middle Adult Male

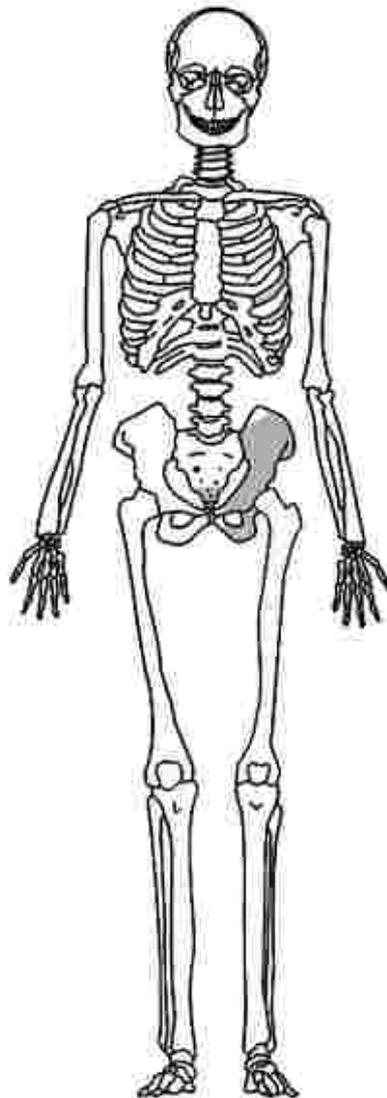
Burial Position and Details:

Plan No: 32H

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The left hand was positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 988: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 989

Middle Adult Male

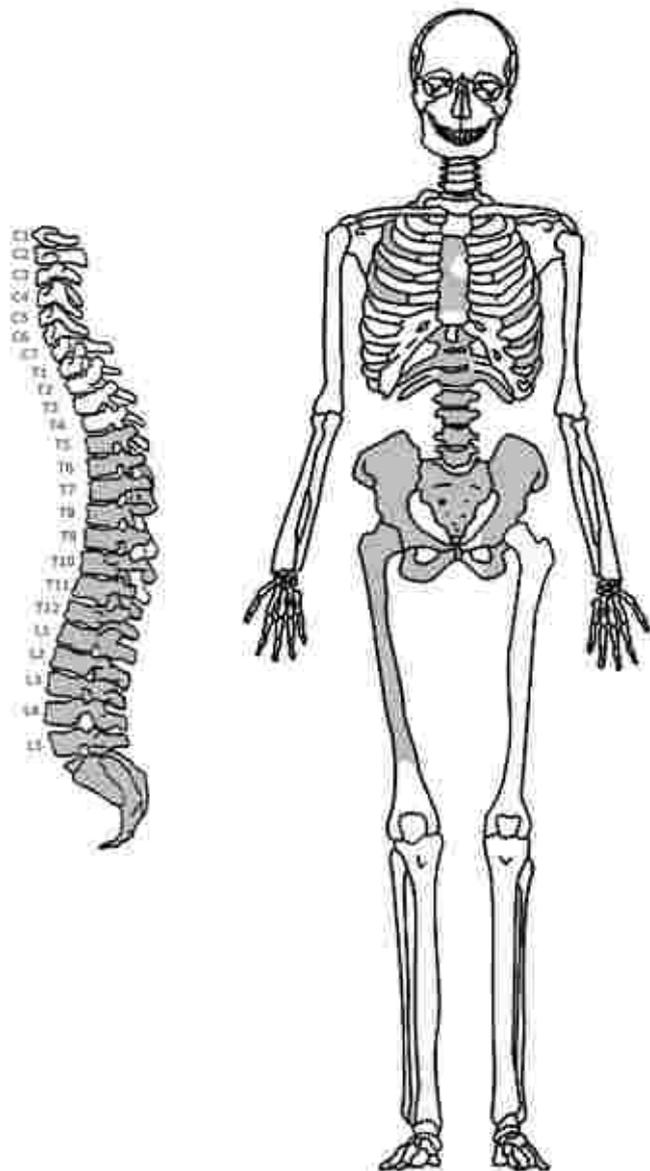
Burial Position and Details:

Plan No: 32G

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T6	0	0	4	N/R	0	0	N/R	4	0	0	0	N/R
T7	5	N/R	0	N/R	N/R	N/R	0	0	N/R	0	0	N/R
T8	0	0	0	N/R	0	0	0	0	N/R	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	N/R	0	0	0	4			0	0	N/R		
T12	5	0	0	0	0			0	0	0		
L1	3	0	0	0				0	0			
L2	5	3	0	N/R				0	N/R			
L3	3	0	0	0				0	0			
L4	3	0	0	N/R				3	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T12 and L2.

SK 989: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral Osteochondrosis

SK 992

Adult

Sex Not Recordable

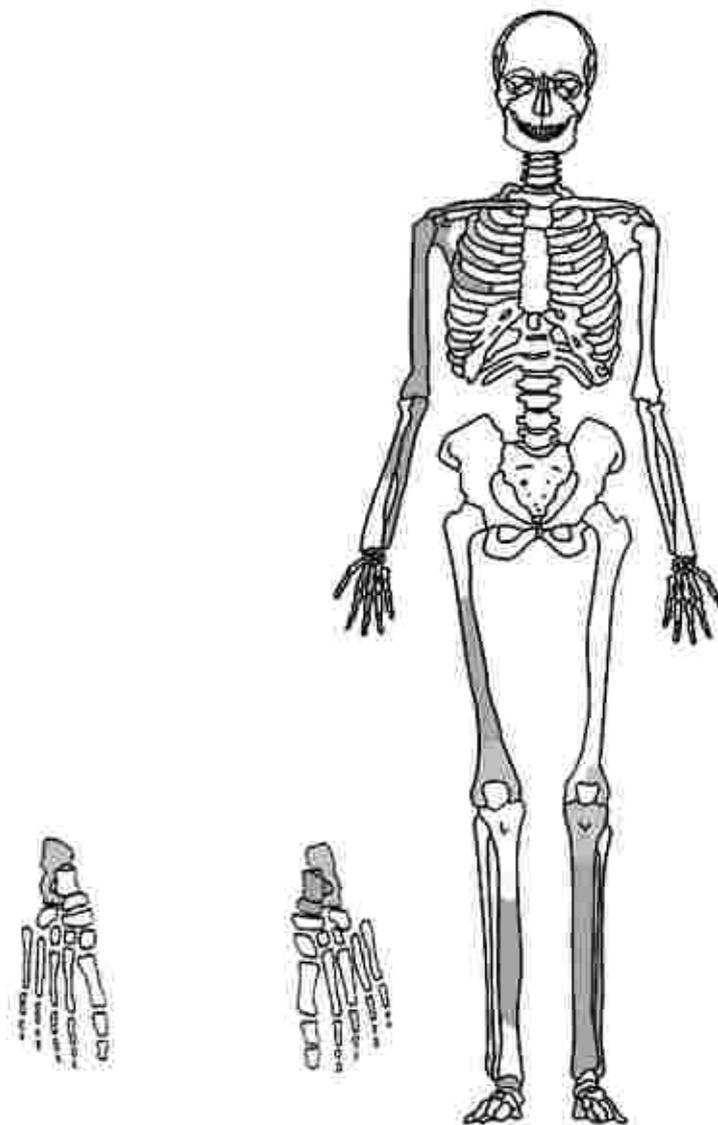
Burial Position and Details:

Plan No: 43D

Area No: 21/25

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. SK 992 was found in association with the find F122: a piece of quartz.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 992: Palaeopathological Summary and Differential Diagnoses

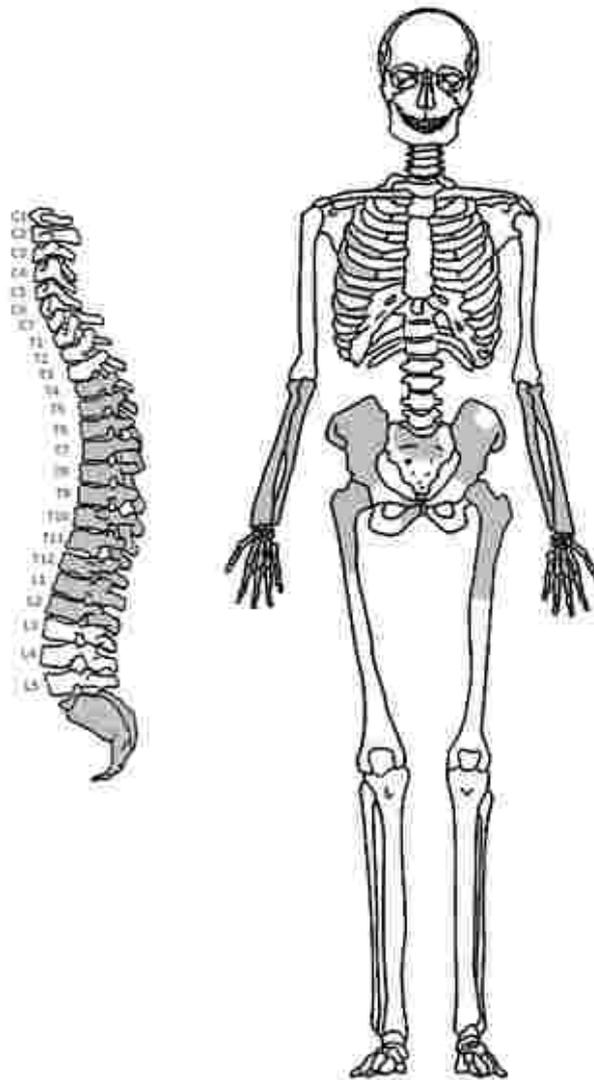
No pathological lesions were observed on the skeletal elements present for analysis.

SK 993A**Middle Adult****Male****Burial Position and Details:**

Plan No: 43D

Area No: 21/25

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. Both arms were extended with the hands positioned on either side of the body. Both legs were extended. SK 993A was found in association with the find F123: a quartz piece recovered from the right hand.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	No pathological lesions present on thoracic vertebral fragments present											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	0	0	N/R	N/R	N/R		N/R	N/R	N/R			
T11	0	N/R	N/R	N/R	N/R		N/R	N/R	N/R			
T12	0	3	0	N/R	N/R		0	3,4	N/R			
L1	N/R	4	N/R	N/R			N/R	N/R				
L2	N/R	N/R	0	0			0	0				
L3	0	3	N/R	0			0	0				
L4	3	0	3	0			3	0				
L5	0	0	3,4	0			3	0				

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the inferior vertebral body of L1. Vertical syndesmophyte formation is also observable at the left margin of the vertebral body of L3.

*Infection**Reactive Bone Formation*

SK 993A exhibits bilateral periosteal reactive lesions at both pelvises and femora. Reactive bone deposits in the form of woven bone only are present at the lateral-posterior shaft of the proximal right femur. A mixed reaction of both woven and sclerotic bone is present at the dorsal aspect of the right and left ilium and the lateral-posterior aspect of the proximal left femur. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

*Trauma**Partial Fracture*

A partial fracture is present at left superior articular facet of L5. The fracture line is still evident with no observable healing.

Joint

SK 993A exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sacro-iliac joint</i>	Marginal osteophytes	Right Auricular surface

SK 993A: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Trauma</i>	Partial fracture

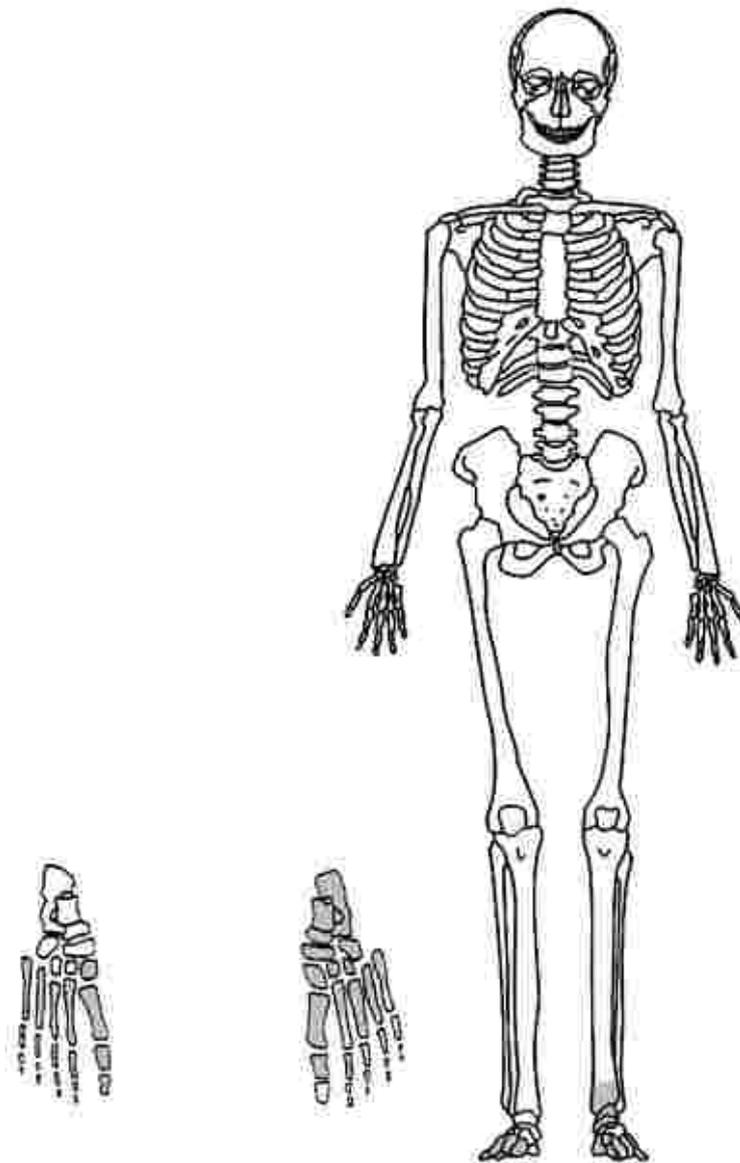
SK 993B**Adult****Sex Not Recordable****Burial Position and Details:**

Plan No: 43D

Area No: 21/25

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 993B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 993C

Adult

Sex Not Recordable

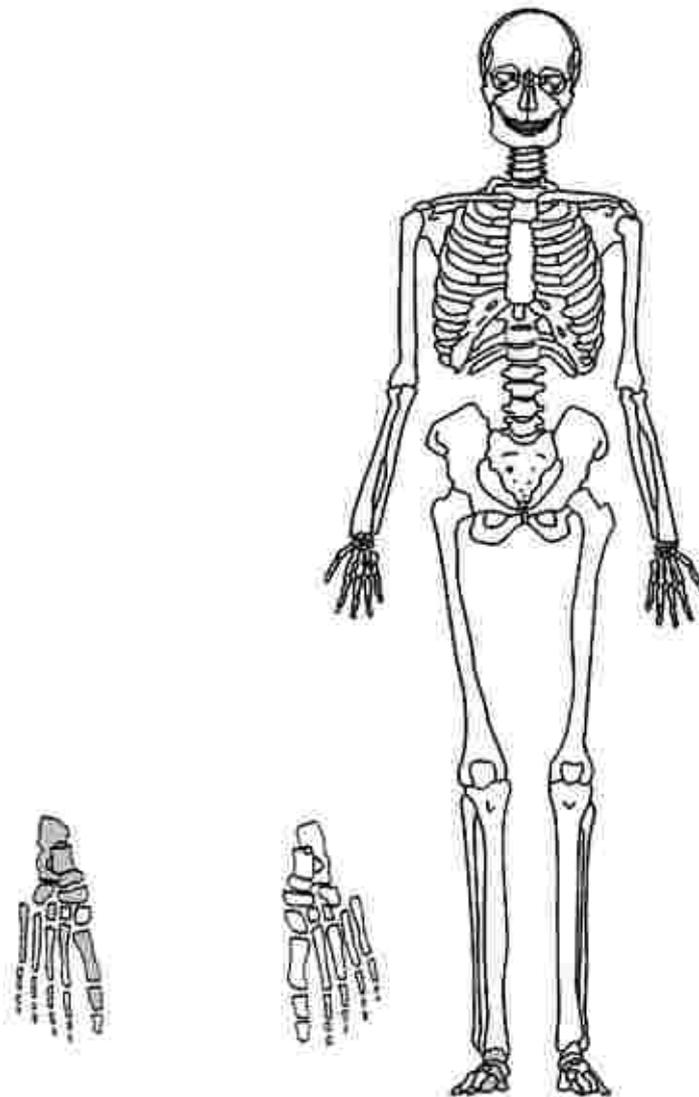
Burial Position and Details:

Plan No: 43D

Area No: 21/25

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 993C: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 995

Middle Adult Male

Burial Position and Details:

Plan No: 43C

Area No: 25

E-W orientation; simple, extended supine burial of poor completeness and moderate preservation. The hands were positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 995: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 996

Adult

Probable Male: 171.3cm

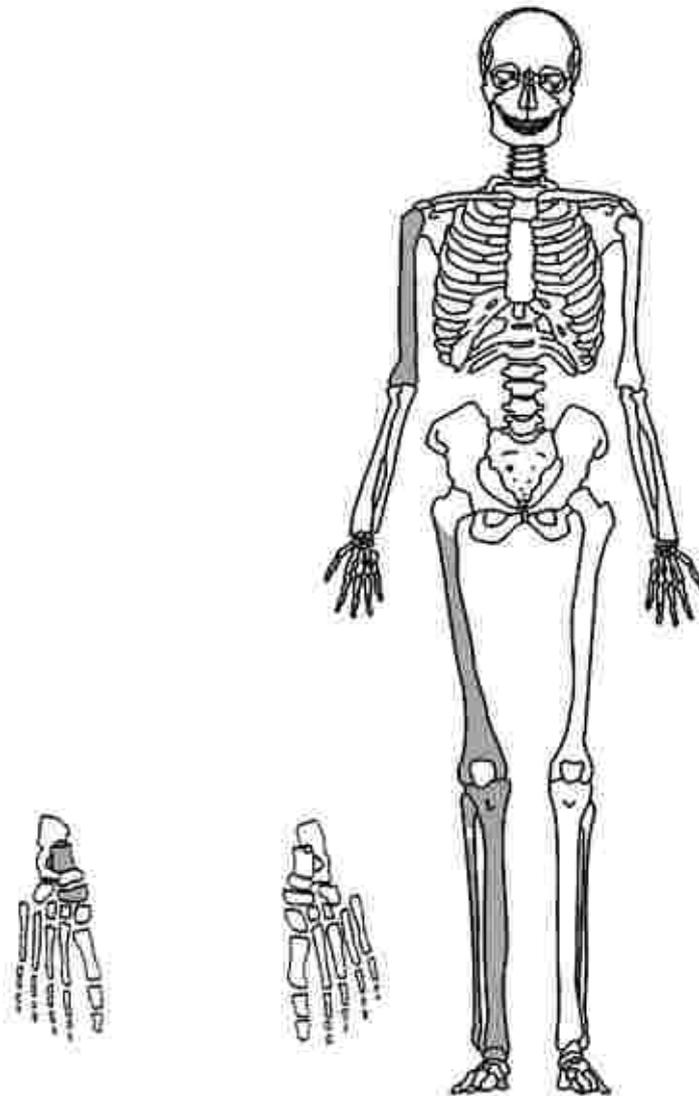
Burial Position and Details:

Plan No: 43C

Area No: 25

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right leg was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 2

SK 996: Palaeopathological Summary and Differential Diagnoses

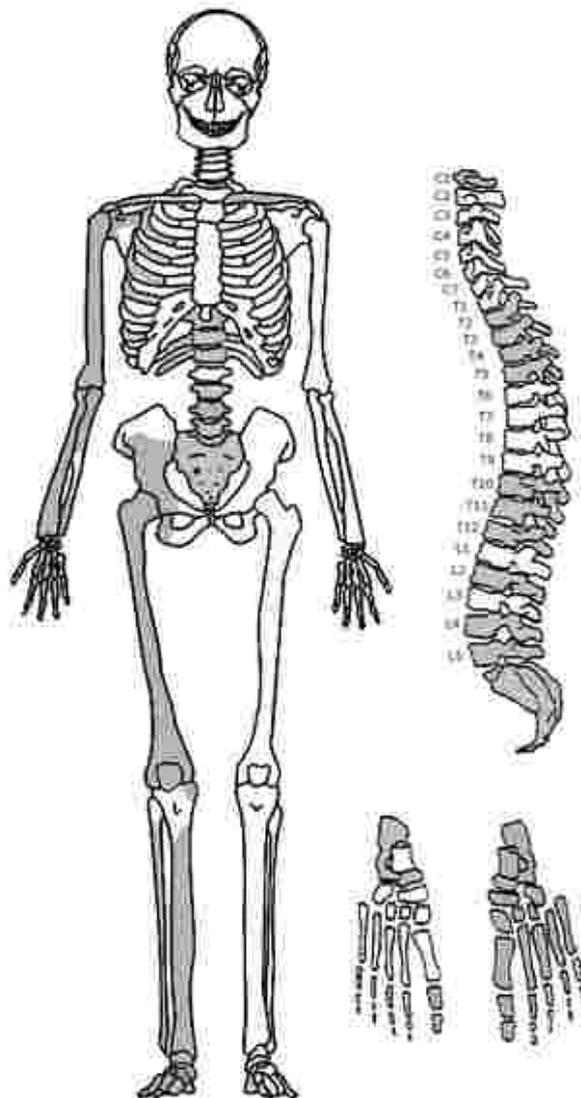
No pathological lesions were observed on the skeletal elements present for analysis.

SK 997**Middle Adult****Male: 160.2cm****Burial Position and Details:**

Plan No: 38B

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned on the right side. The right arm was extended with the right hand over the right pelvis.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	3	2	2	2	2	N/P	N/P	2	2	2	2	3	N/P	1	
Period. Dis.	0	0	0	0	0	0	N/R	0	0	N/R	N/R	N/R	N/R	N/R	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	N/P	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	N/P	0	
Calculus	N/P	1	1	1	1	0	1	N/P	N/P	1	1	1	1	1	N/P	1	
		2	1	1	1	1	1	2		2	1	1	1	1	2	1	
Maxilla		18	17	16	15	14	13	11		21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	41		31	32	33	34	35	36	37	38
		1	1	1	N/P	N/P	N/P	N/P		N/P							
Calculus		2	2	2	N/P	N/P	N/P	N/P		N/P							
Caries		0	0	0	N/P	N/P	N/P	N/P		N/P							
Abscess		0	0	0	N/P	N/P	N/P	N/P		N/P							
Cyst		0	0	0	N/P	N/P	N/P	N/P		N/P							
E.Hypoplasia		0	0	0	N/P	N/P	N/P	N/P		N/P							
Period. Dis.		0	0	0	N/P	N/P	N/P	N/P		N/P							
Attrition		1	2	3	N/P	N/P	N/P	N/P		N/P							

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-lateral, antero-intermediate and antero-medial sector of the left orbital roof and the antero-intermediate, antero-medial and middle-medial sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
T1	3 thoracic centra present; Post-mortem damage has inhibited pathological assessment of these centra 4 thoracic vertebral neural arches present; porosity exhibited at the R superior facet of one and the left inferior facet of another											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	N/R	N/R	0	0	4			0	0	N/R		
T11	4	5	N/R	0	N/R			N/R	0	N/R		
T12	5	5	0	0	3, 4			N/R	0	0		
L2	N/R	N/R	N/R	0				N/R	0			
L3	3, 4	3	0	0				0	0			
L4	3, 5	3, 4	N/R	N/R				N/R	N/R			
L5	N/R	N/R	0	0				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11 and T12. A Schmorl's node of marked expression is present at the vertebral body of L4.

Trauma

Musculo-skeletal Stress

A cortical defect is present at the deltoid tuberosity of the right humerus possibly indicative of musculo-skeletal stress at this location. Prominent musculo-skeletal markers are also observable at the deltoid tuberosity.

Fracture

A possible crush fracture is present at superior-anterior aspect of the right patella. This fracture presents as a lesion of U-shaped bone loss with associated callus bone formation. Healing in the form of sclerotic callus bone formation is observable directly inferior to the bone loss lesion.

*Neoplastic**Possible Solitary Enostosis*

A possible solitary enostosis (i.e. a small island of compact lamellar bone) is present at the anterior distal shaft of the right 4th proximal hand phalanx

SK 997: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD
<i>Metabolic</i>	CO
<i>Trauma</i>	Musculo-skeletal stress, Fracture
<i>Neoplastic</i>	Possible solitary enostosis

SK 999

Adult

Male

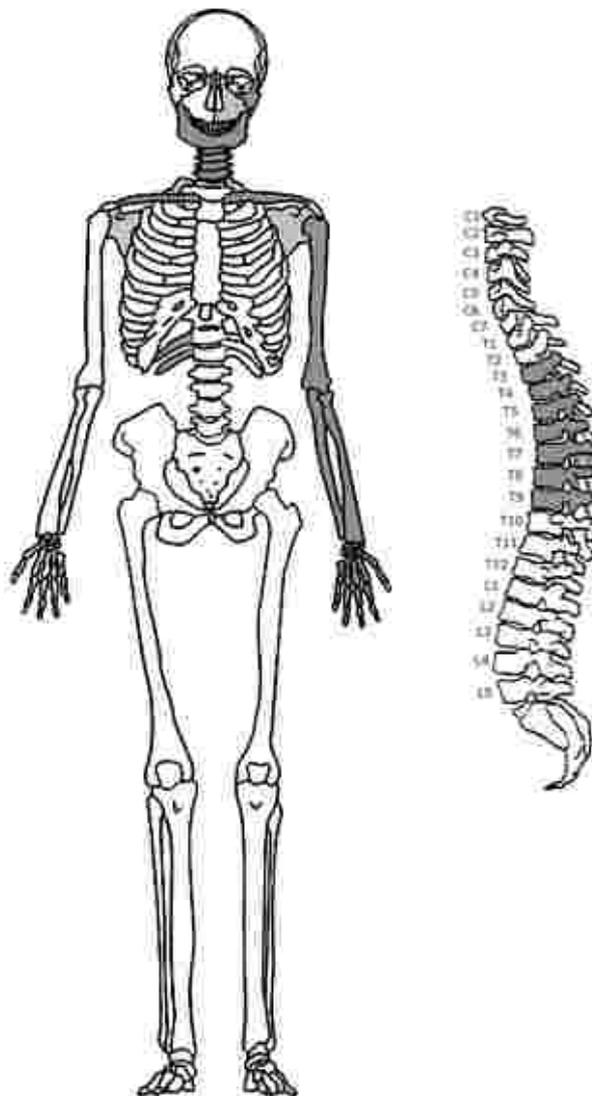
Burial Position and Details:

Plan No: 38C

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/R	1	1	1	N/R	N/R	N/R									
Period. Dis.	N/P	N/R	0	0	0	N/R	N/R	N/R									
E.Hypoplasia	N/P	N/R	1	0	0	N/R	N/R	N/R									
Cyst	N/P	0	0	0	0	N/R	N/R	N/R									
Abscess	N/P	0	0	0	0	N/R	N/R	N/R									
Caries	N/P	N/R	0	0	2	N/R	N/R	N/R									
Calculus	N/P	N/R	0	1	1	N/R	N/R	N/R									
	N/P	2	1	1	1	4	4	4									
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	1	1	1	1	1	2	1	2		2	1	1	1	1	5	2	1
Calculus	1	2	1	1	1	N/R	1	N/R		N/R	1	1	1	1	N/R	N/R	2
Caries	3	3	2	0	0	N/R	0	N/R		N/R	0	0	0	0	N/R	N/R	1
Abscess	0	1	1	0	0	N/R	0	0		0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	N/R	N/R	0	0	N/R	0	N/R		N/R	0	1	0	0	N/R	N/R	0
Period. Dis.	2	3	2	1	1	N/R	N/R	N/R		N/R	N/R	1	1	1	1	N/R	1
Attrition	1	1	3	1	1	N/R	1	N/R		N/R	1	1	1	1	N/R	N/R	1

Dental Disease

Antemortem Tooth Loss

SK 999 exhibits antemortem tooth loss of 3 maxillary molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites of Tooth 27 and 28 with only partial resorption of the tooth socket of Tooth 26.

Caries, Abscess/ Cyst

Tooth 25: Medium-sized carious lesion present at the distal aspect of the neck of the tooth

Tooth 36: Large carious lesion present which has eroded the majority of the tooth crown

Tooth 38: Medium-sized carious lesion present at the buccal aspect of the neck of the tooth

Tooth 46: Medium-sized carious lesion present at the distal aspect of the neck of the tooth; an associated abscess/ cyst is also observable at the apex of the distal root on the buccal aspect of the alveolar bone

Tooth 47: A large and small carious lesion is present at the buccal and mesial aspects of the neck of the tooth respectively. An associated small abscess/ cyst is also present at the apex of the distal root.

Tooth 48: Large carious lesion present on the buccal aspect of the neck of the tooth.

Enamel Hypoplasia

Tooth 23: 1 hypoplastic groove present; 1.93mm from the cemento-enamel junction

Tooth 33: 1 hypoplastic groove present; 4.15mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R.Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1	0	3	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	3				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	N/R	0	0	0	N/R
T2	0	0	0	0	0	0	0	N/R	N/R	0	0	N/R
T3	0	0	0	N/R	0	0	0	N/R	N/R	0	0	N/R
T4	0	3, 4	0	N/R	0	0	0	N/R	N/R	0	0	N/R
T5	0	3, 4	0	0	0	0	0	0	0	0	0	N/R
T6	0	5	0	0	0	0	0	0	0	0	0	N/R
T7	0	3, 4	0	0	0	0	3, 4	0	0	0	4	N/R

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of T6.

Joint

SK 999 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Left and right glenoid fossa
<i>Ribs</i>	Marginal osteophytes	1x Right Costal Facet
<i>Wrist</i>	Surface porosity	Right trapezoid and capitate

SK 999: Palaeopathological Summary and Differential Diagnoses

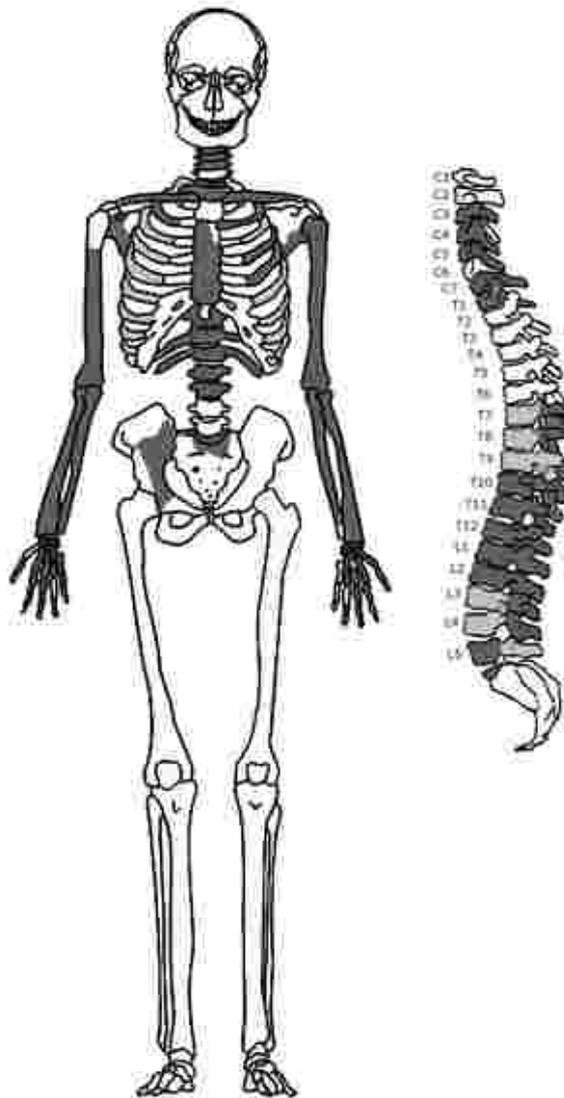
<i>Dental</i>	Antemortem tooth loss, caries, dental abscess, periodontal disease, calculus, dental attrition, enamel hypoplasia
<i>Vertebral</i>	Schmorl's node, Intervertebral osteochondrosis
<i>Joint</i>	DJD

SK 1001**Young Adult****Male****Burial Position and Details:**

Plan No: 38D

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Cranial Pathology

Metabolic

Non-specific Stress Indicator: Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and within the squamous portion of the occipital bone. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C7	0	0	0	4				0	0			
T1	0	0	4	0	0	N/R	N/R	0	0	0	0	N/R
T7	0	N/R	0	0	0	0	0	0	0	0	N/R	0
T8	0	0	0	0	0	0	N/R	0	0	0	0	0
T9	N/R	0	0	N/R	0	0	N/R	0	N/R	0	N/R	N/R
T10	0	5	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	4	4		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	N/R	N/R	0	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	N/R				N/R	N/R			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of T10.

SK 1001: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node

Metabolic Non-specific Stress Indicator at Cranial Vault: Porotic Hyperostosis

SK 1002

Young Adult

Sex Not Recordable

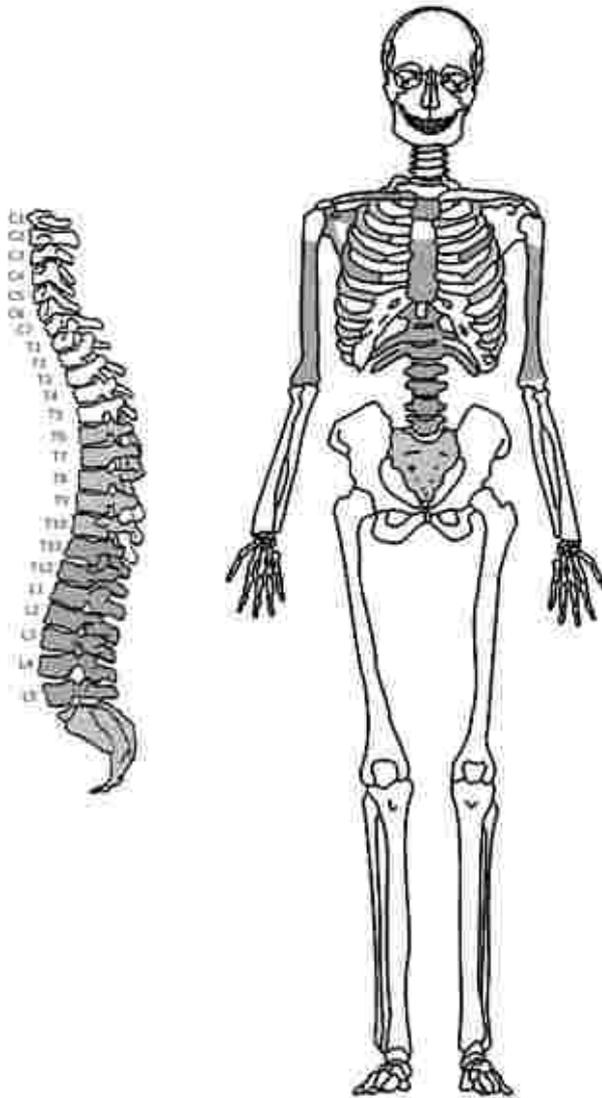
Burial Position and Details:

Plan No: 37G

Area No: 21

Orientation not specified: simple, extended supine burial of poor completeness and good preservation. SK1002 was found in association with the juvenile remains of SK1000.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 1002: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1003

Adult

Sex Not Recordable

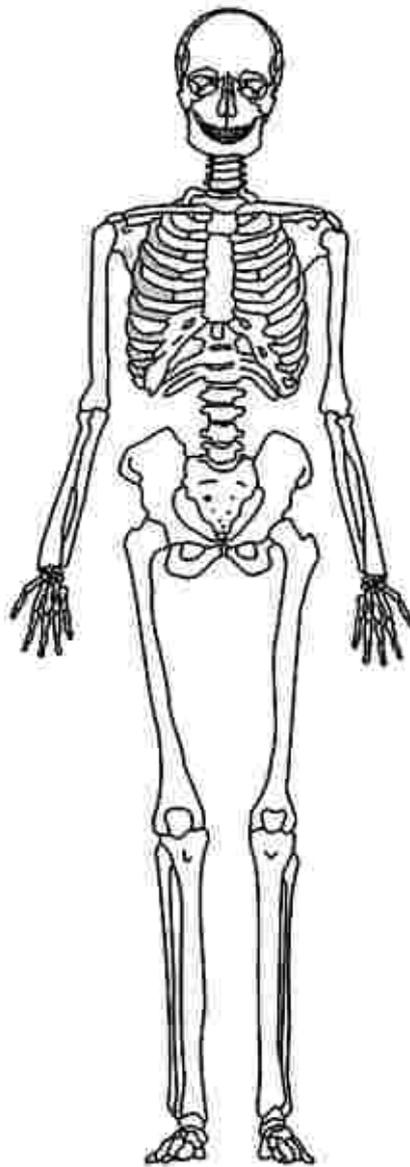
Burial Position and Details:

Plan No: 321

Area No: 26

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 1003: Palaeopathological Summary and Differential Diagnoses

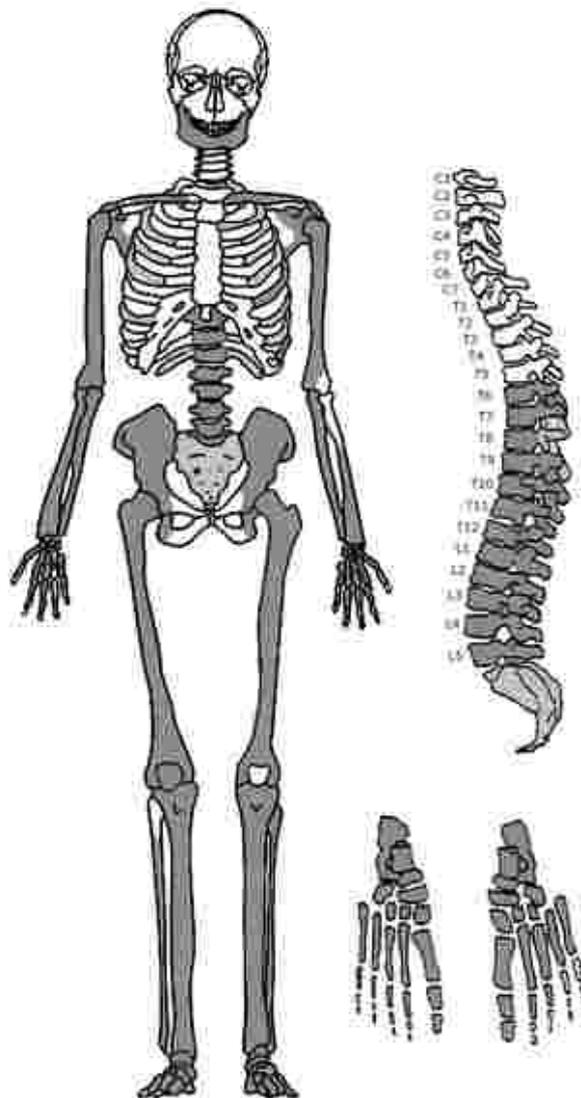
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1005**Young Adult****Female: 147.6cm****Burial Position and Details:**

Plan No: 38B

Area No: 24

SW-NE orientation; simple, extended supine burial of good completeness and moderate preservation. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended with the feet crossing.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 3

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
Calculus	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	N/R
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
E.Hypoplasia	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	N/R
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Attrition	0	0	1	0	0	1	1	1	1	1	1	0	0	1	1	N/R

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T6	4	0	0	0	0	4	N/R	0	0	0	0	N/R
T7	0	0	0	0	0	0	N/R	0	0	0	0	N/R
T8	0	5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	5	0	0	0	0	0	N/R	0	0	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	N/R			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	5	0	0	0				0	0			
L2	5	5	0	0				0	N/R			
L3	5	5	0	0				0	0			
L4	5	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8, T9, L1, L2, L3 and L4.

SK 1005: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, enamel hypoplasia, dental attrition
Vertebral Schmorl's nodes

SK 1006

Adult

Male

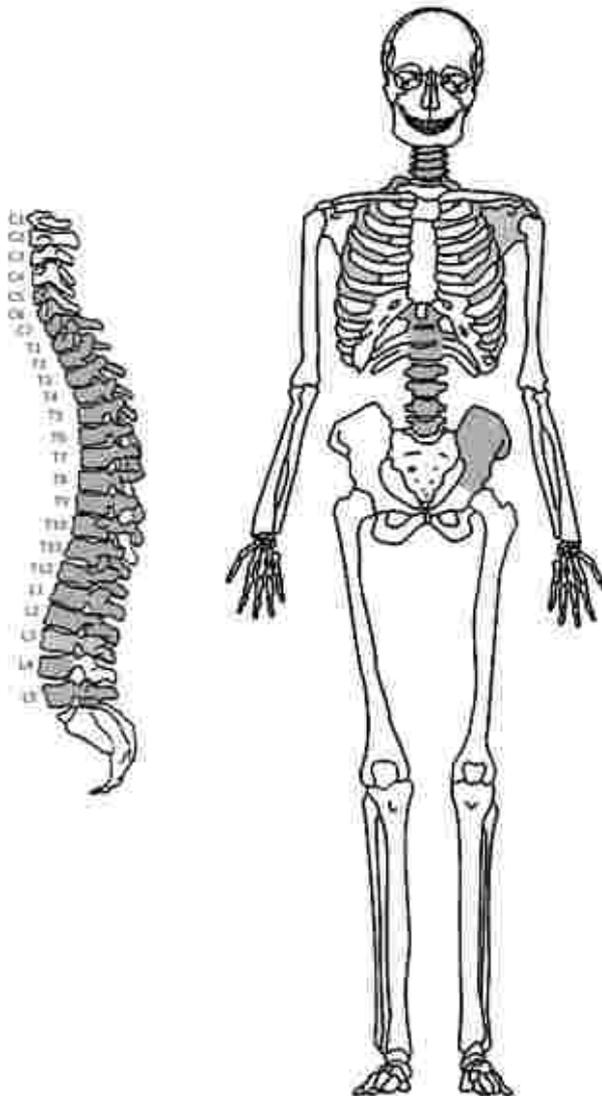
Burial Position and Details:

Plan No: 32J

Area No: Not specified

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	0	0	N/R	N/R				N/R	N/R			
C6	0	0	N/R	N/R				0	0			
C7	4	0	N/R	0				0	0			
T1	4	4	0	0	3	0	N/R	0	0	0	0	0
T2	4	4	0	0	0	0	N/R	0	0	0	0	0
T3	4	4	0	0	0	0	N/R	0	0	0	0	N/R
T4	4	4	0	0	0	0	0	0	0	0	0	0
T5	4	4	3	0	0	0	0	0	0	0	0	0
T6	4	4	0	0	0	0	0	3	0	3	3, 4	0
T7	4	4	0	0	0	3, 4	0	0	0	3	3, 4	0
T8	4	4	0	0	3	3, 4	0	0	0	0	0	0
T9	4	4	0	0	0	4	3	0	0	0	N/R	3, 4
T10	0	4	0	0	0			0	0	0		
T11	4	4	N/R	N/R	N/R			0	N/R	4		
T12	4	4	0	0	4			0	3	4		
L1	4	4	0	3				3	3			
L2	4	4, 3	3	3				3	3, 4			
L3	4	4	N/R	N/R				0	0			
L4	3, 4	3, 4	N/R	N/R				N/R	N/R			
L5	3, 4	3, 4	0	N/R				N/R	0			

Joint

SK1006 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets 1x Right Costal Facet

SK 1006: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochondrosis, DJD
Joint DJD

SK 1007

Adult

Sex Not Recordable

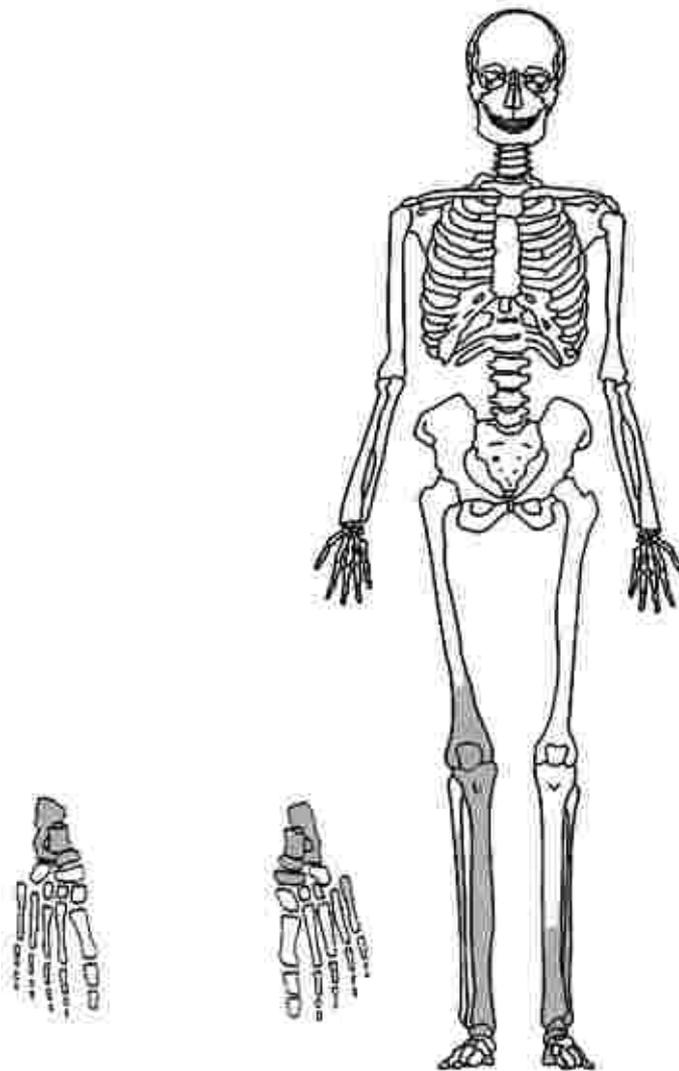
Burial Position and Details:

Plan No: 32J

Area No: 26

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Joint

Subchondral diffuse bone loss possibly indicative of localised avascular necrosis is present at the superior articular surface of the right talus. The lesion is circular in shape and measures 6.45mm medial-lateral and 9.35mm superior-posterior. The margins of the lesion are clearly defined and there is no evidence of healing.

SK 1007: Palaeopathological Summary and Differential Diagnoses

Joint Possible Osteochondritis Dissecans

SK 1008

Middle Adult

Indeterminate Sex

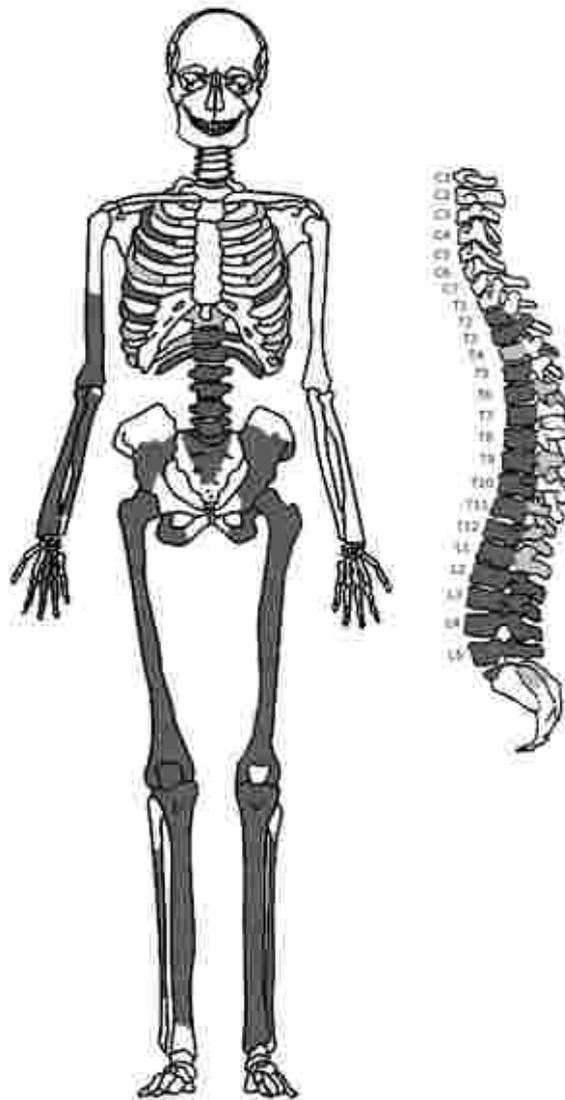
Burial Position and Details:

Plan No: 32J

Area No: 26

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T2	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R		N/R	N/R
T3	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T4	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R
T5	N/R	5	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	0	N/R
T6	0	5	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T7	0	5	0	N/R	0	N/R	N/R	0	N/R	0	0	N/R
T8	0	5	0	N/R	0	N/R	N/R	0	0	0	N/R	0
T9	0	5	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T10	N/R	0	N/R	N/R	0			0	N/R	0		
T11	0	5	0	N/R	4			0	N/R	4		
T12	5	0	N/R	N/R	N/R			0	N/R	0		
L1	0	0	N/R	N/R				0	N/R			
L2	0	5	0	0				N/R	0			
L3	5	5	N/R	0				0	0			
L4	5	0	0	0				N/R	0			
L5	3	3	3	3				3	3			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T5, T6, T7, T9, T9, T11, T12, L2, L3 and L4.

SK 1008: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, DJD

SK 1009

Young Adult

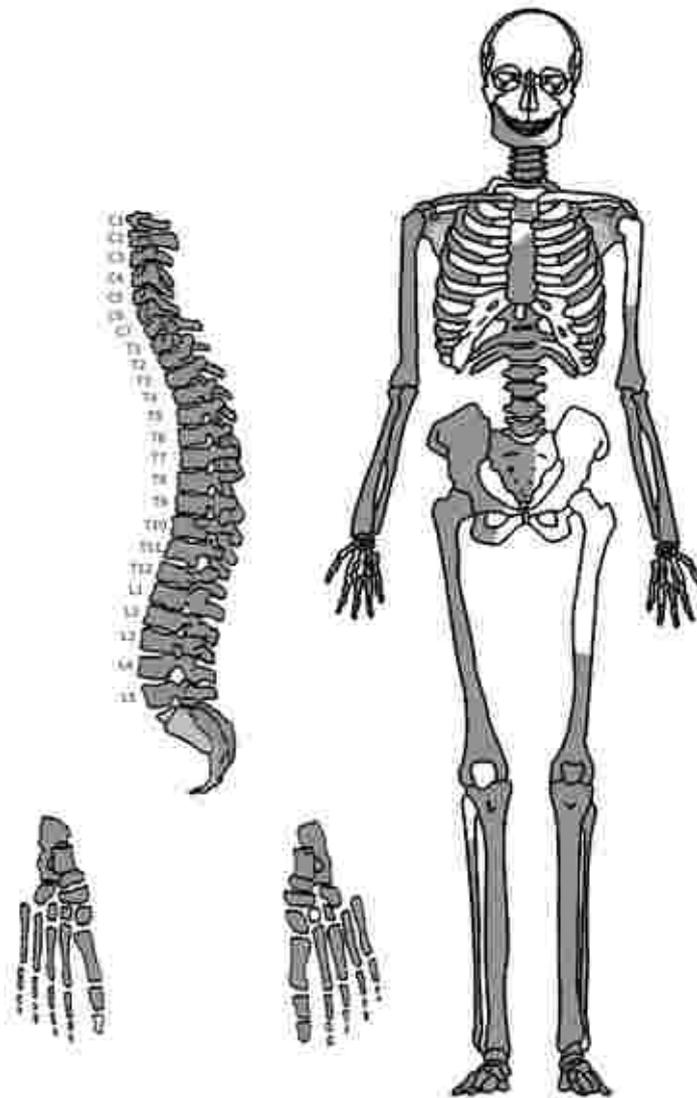
Female: 158.9cm

Burial Position and Details:

Plan No: 37B

Area No: 21

Orientation not specified: simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	2	N/P							
Calculus	1	1	1	1	1	1	N/R	N/R	N/P							
Caries	0	0	0	0	0	0	N/R	N/R	N/P							
Abscess	0	0	0	0	0	0	N/R	N/R	N/P							
Cyst	0	0	0	0	0	0	N/R	N/R	N/P							
E.Hypoplasia	0	0	0	0	0	0	N/R	N/R	N/P							
Period. Dis.	0	0	0	0	0	0	N/R	N/R	N/P							
Attrition	0	1	2	1	1	1	N/R	N/R	N/P							

Post Cranial Pathology

Infection

Reactive Bone Formation

SK1009 exhibits bilateral periosteal reactive lesions of the right and left tibiae and fibulae. A mixed reaction of both woven and sclerotic bone is present at the medial aspect of the distal shaft of the right fibula and the medial-posterior aspect of the distal left fibular shaft. Reactive bone deposits composed of woven and sclerotic bone are also observable at the lateral-posterior aspect of the right and left tibia.

SK 1009: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Infection Non-specific: reactive bone deposits

SK 1010	Adult	Probable Male
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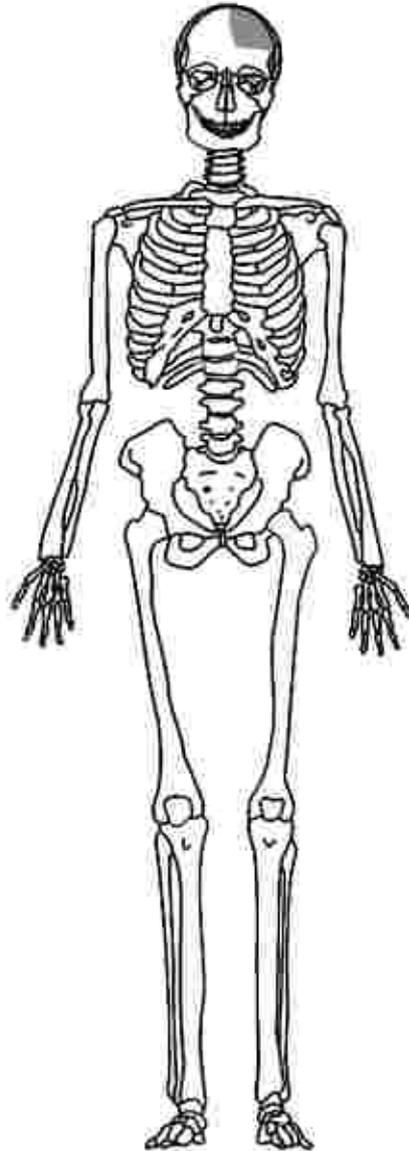
Burial Position and Details:

Plan No: 37

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1010: Palaeopathological Summary and Differential Diagnoses

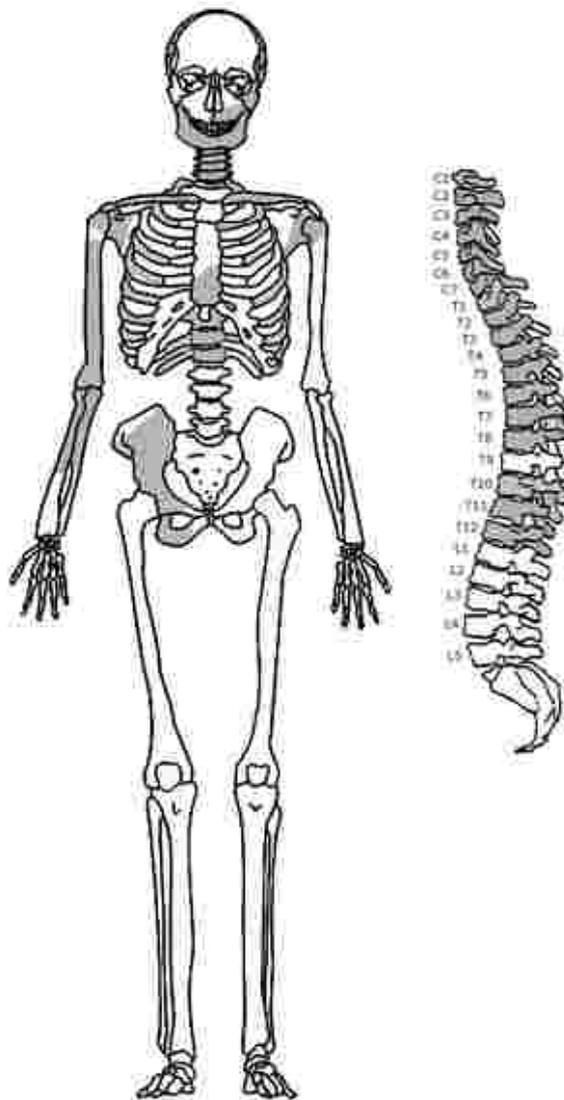
No pathological lesions were observed on the skeletal elements present for analysis

SK 1011**Middle Adult Female****Burial Position and Details:**

Plan No: 370

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The skull was positioned facing east. The right arm was extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	N/P	N/P	N/P	2	2	2	2	2	2	2	2	N/P	3	3
Period. Dis.	N/P	0	0	0	0	0	N/R	0	0							
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	N/P	0	0
Cyst	N/P	0	0	0	0	0	1	0	0							
Abscess	N/P	0	0	0	0	0	0	0	0							
Caries	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	N/P	0	0
Calculus	N/P	N/P	N/P	N/P	N/P	1	1	1	1	1	1	1	1	N/P	2	2
	N/P	N/P	N/P	N/P	N/P	1	1	1	1	1	1	1	1	2	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	2	2	2	N/P	2	2	1	1	2	2	2
Caries	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	3	1	1	3	1	1
Attrition	2	3	2	2	2	2	2	2	N/P	2	2	2	2	3	3	2

Dental Disease

Cyst/ Abscess

Tooth 26: Cyst/ Abscess present at buccal aspect of tooth socket; no remodelling apparent

Congenital Abnormalities of the Teeth/ Jaws

Overcrowding of the mandibular teeth has resulted in anterior displacement of Tooth 33.

Tooth 32 has erupted immediately posterior to Tooth 33.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	0	0	0				0	0			
C2	0	3, 4	0	0				0	3, 4			
C3	3	3, 4	0	0				3, 4	3			
C4	3, 4	3, 4	0	0				0	0			
C5	3, 4	3, 4	0	0				3, 4	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	0	3, 4	0	4	0	4	N/R	0	0	0	3	N/R
T2	4	3, 4	0	4	4	4	3	0	0	0	0	0
T3	3, 4	3, 4	N/R	N/R	0	3	N/R	0	N/R	4	3	N/R
T4	3	3, 4	0	3, 4	3	0	N/R	0	0	0	0	0
T5	3	3, 4	4	4	3	0	N/R	0	0	4	4	N/R
T6	3, 4	4	4	0	0	N/R	N/R	0	4	3, 4	3	N/R
T7	3, 4	3, 4	0	0	0	4	3	0	0	4	N/R	N/R
T8	3, 4, 5	3, 4, 5	0	0	0	0	N/R	4	0	N/R	N/R	N/R
T9	3, 4	3	N/R	N/R	4	4	N/R	0	N/R	4	3	N/R
T10	3	3, 4, 5	3, 4	3, 4	N/R			3, 4	3, 4	4		
T11	4	3, 4	3, 4	4	N/R			3, 4	0	0		

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T8 and T10.

Intervertebral osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of C5, C6 and C7. Vertical syndesmophyte formation is also observable at the vertebral bodies of T1, T2, T5, T8 and T9.

Joint

SK 1011 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right Mandibular Condyle
<i>Sternoclavicular</i>	Marginal osteophytes	Left and right clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Left and right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left Costal Facet 6x Right Costal Facets
<i>Elbow</i>	Surface porosity	Right proximal radius
<i>Hip</i>	Periarticular resorptive foci, surface porosity	Right Acetabulum

SK 1011: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Dental cyst, periodontal disease, calculus, dental attrition, overcrowding
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD
<i>Joint</i>	DJD

SK 1012

Young Adult

Sex Not Recordable

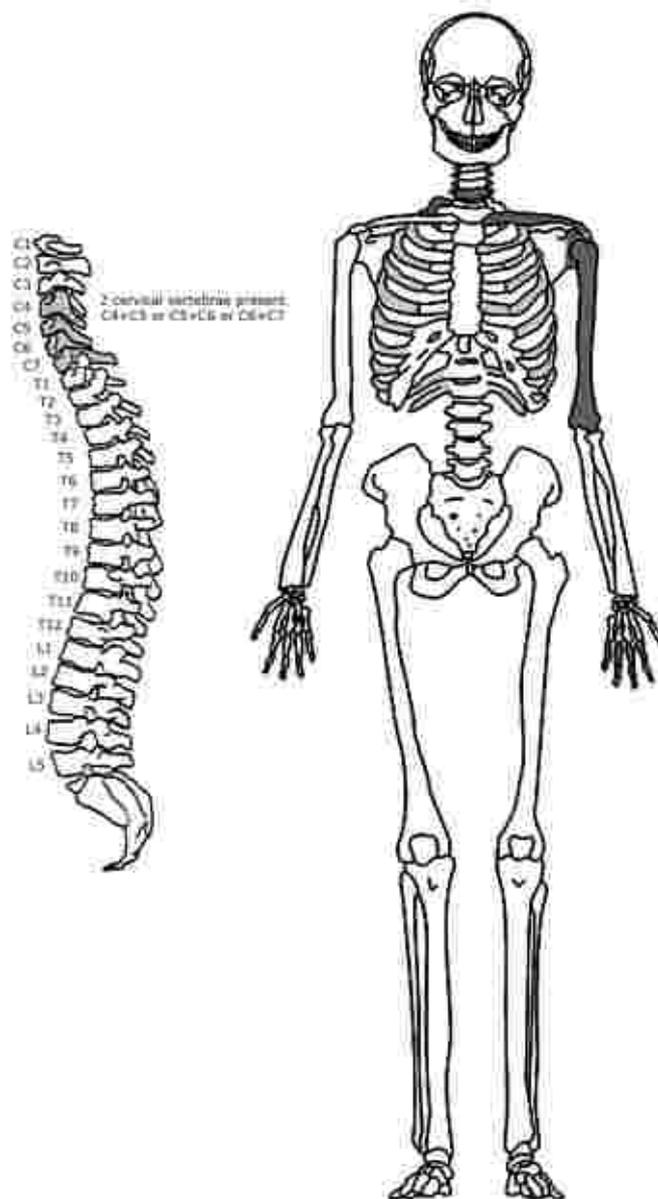
Burial Position and Details:

Plan No: 41B

Area No: 26

E-W orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

SK 1012: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1013

Adult

Sex Not Recordable

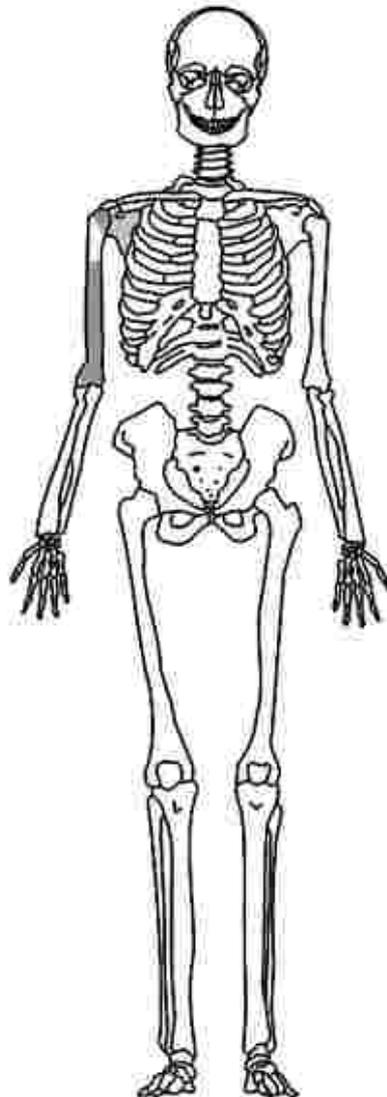
Burial Position and Details:

Plan No: 32H

Area No: 26

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 1013: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1014

Young Adult

Female: 153cm

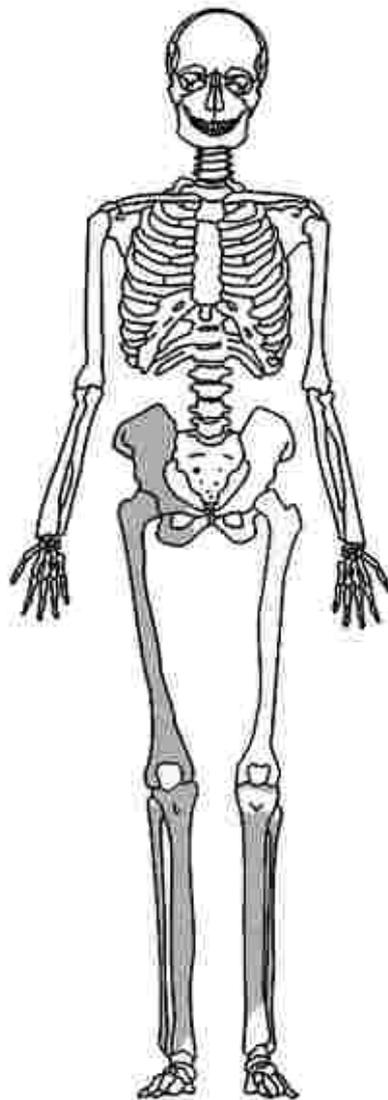
Burial Position and Details:

Plan No: 41B

Area No: 26

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right leg was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

SK 1014: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1015

Adult

Sex Not Recordable

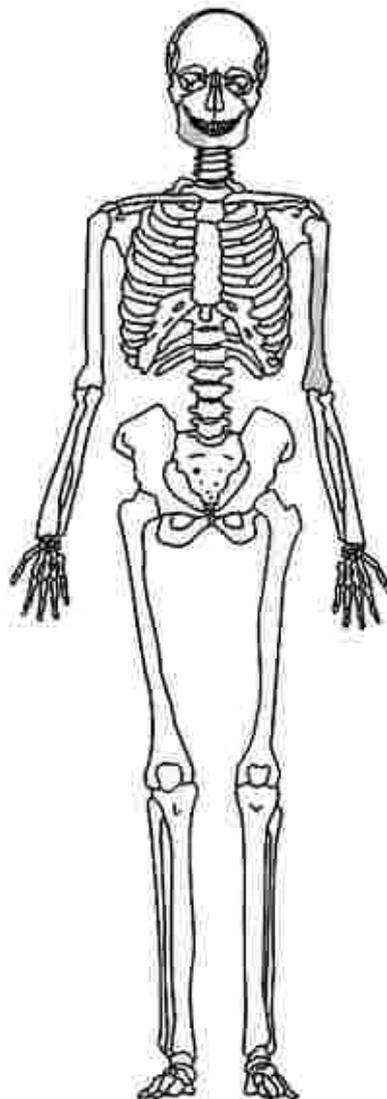
Burial Position and Details:

Plan No: 37

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	2	2	2	N/R	N/P							
Calculus	1	1	1	1	N/R	N/R	N/R	N/R	N/P							
Caries	0	0	0	0	N/R	N/R	N/R	N/R	N/P							
Abscess	0	0	0	0	0	0	0	N/R	N/P							
Cyst	0	0	0	0	0	0	0	N/R	N/P							
E.Hypoplasia	0	0	0	0	N/R	N/R	N/R	N/R	N/P							
Period. Dis.	0	0	0	0	0	N/R	N/R	N/R	N/P							
Attrition	1	2	2	1	N/R	N/R	N/R	N/R	N/P							

SK 1015: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 1016

Adult

Sex Not Recordable

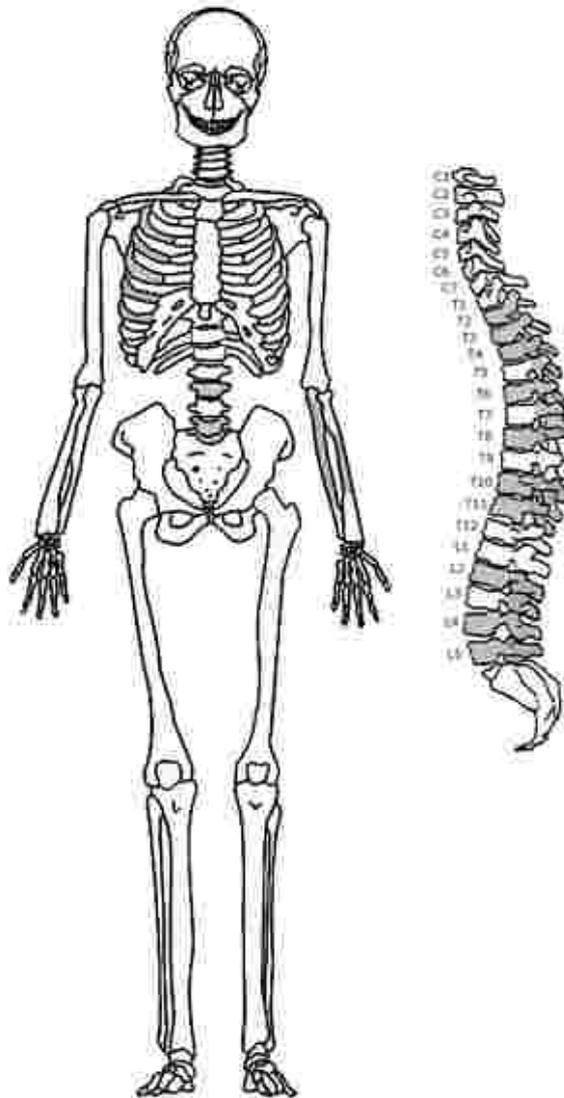
Burial Position and Details:

Plan No: 38B

Area No:24

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

SK 1016: Palaeopathological Summary and Differential Diagnoses

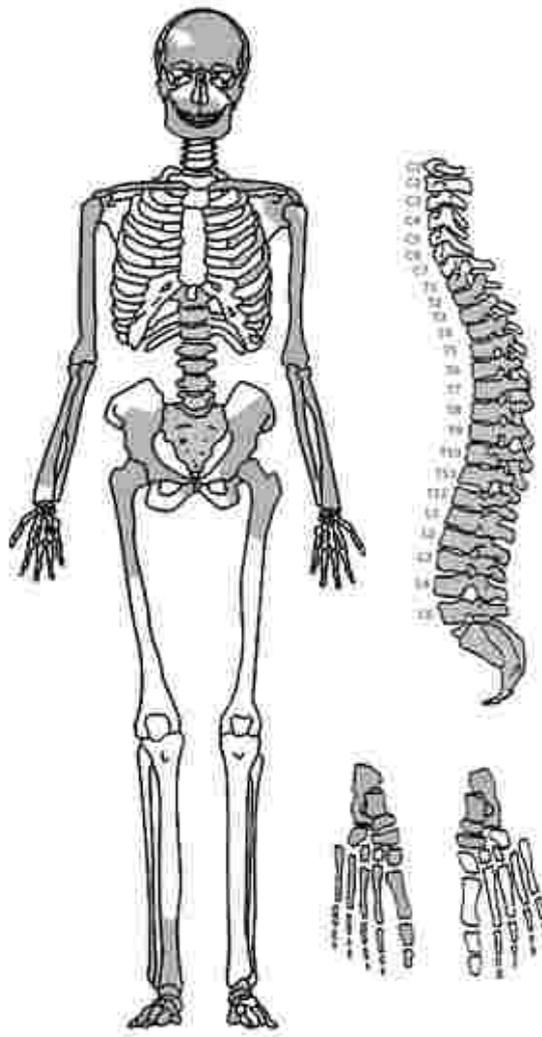
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1017**Young Adult****Female****Burial Position and Details:**

Plan No: 48

Area No: 11B

W-E orientation; simple, flexed burial on right side of good completeness and poor preservation. Both arms were flexed at the elbow crossing the pelvis with the right hand positioned under the skull. Both legs were flexed. SK1017 was found in association with 3 pillow stones located around the skull.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

Dentition

Attrition	1	N/P	2	2	2	N/P	1	N/P	N/P	N/P	2	2	N/P	2	N/P	N/P
Period. Dis.	N/R	0	2	N/R	N/R	0	N/R	0	0	0	N/R	N/R	0	0	0	N/P
E.Hypoplasia	0	N/P	0	0	0	N/P	0	N/P	N/P	N/P	0	0	N/P	0	N/P	N/P
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	2	N/P	0	0	0	N/P	0	N/P	N/P	N/P	0	0	N/P	0	N/P	N/P
Calculus	1	N/P	1	1	1	N/P	1	N/P	N/P	N/P	1	1	N/P	0	N/P	N/P
	1	2	1	1	1	2	1	2	2	2	1	1	2	1	2	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	4	1	1	1	1	2	1	1	1	1	1	1	1	1
Calculus	1	1	N/P	1	1	1	1	N/P	1	1	1	1	1	0	1	1
Caries	0	0	N/P	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	N/P	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Period. Dis.	0	2	0	0	0	0	0	0	0	0	0	0	2	2	2	2
Attrition	2	2	N/P	2	2	2	2	N/P	2	2	2	2	2	2	2	1

Dental Disease

Caries

Tooth 18: Medium sized carious lesion present on the distal aspect of the tooth crown penetrating the pulp cavity; approx 1/3 of the tooth crown has been eroded by this lesion

Cranial Pathology

Metabolic

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral and middle-lateral sector of the left orbital roof and the antero-lateral, antero-intermediate and middle-lateral sector of the right orbital roof.

Non-specific Stress Indicator: Porotic Hyperostosis

Degree 4 (increased thickening of the diploë) PH is exhibited at the cranial vault. The activity pattern indicates this lesion was healed at the time of death.

Post Cranial Pathology

Vertebral

Ankylosis

There is ankylosis of the vertebral neural arches of L5 and S1.

SK 1017: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition
Vertebral Ankylosis
Metabolic Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis , CO

SK 1019

Adult

Sex Not Recordable

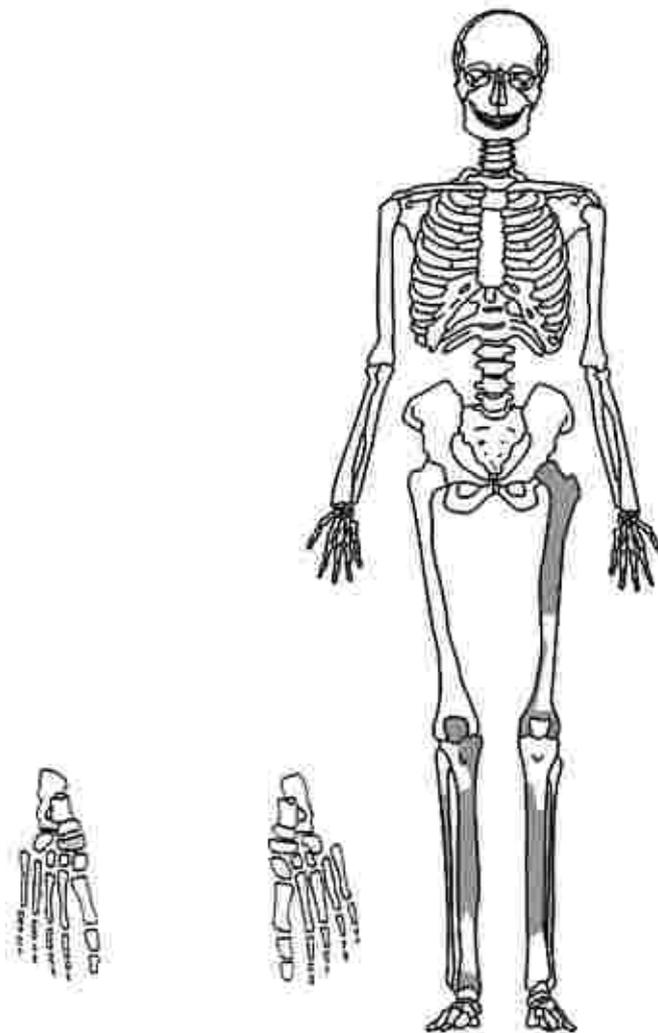
Burial Position and Details:

Plan No: 41B

Area No: 26

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1019: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1021

Adult

Sex Not Recordable

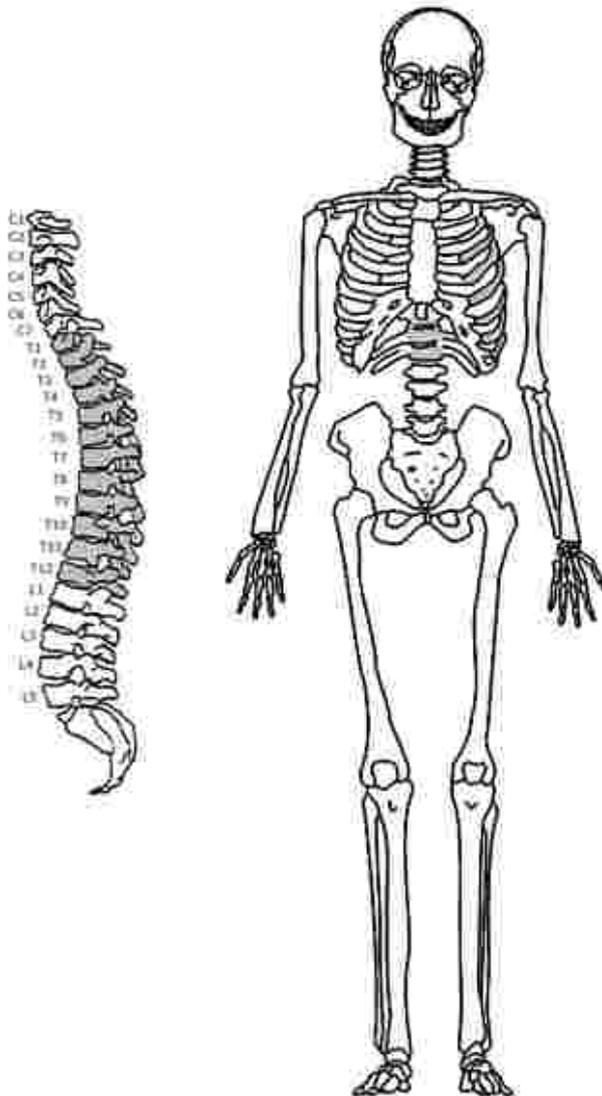
Burial Position and Details:

Plan No: 32J

Area No: 20/26

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 1021: Palaeopathological Summary and Differential Diagnoses

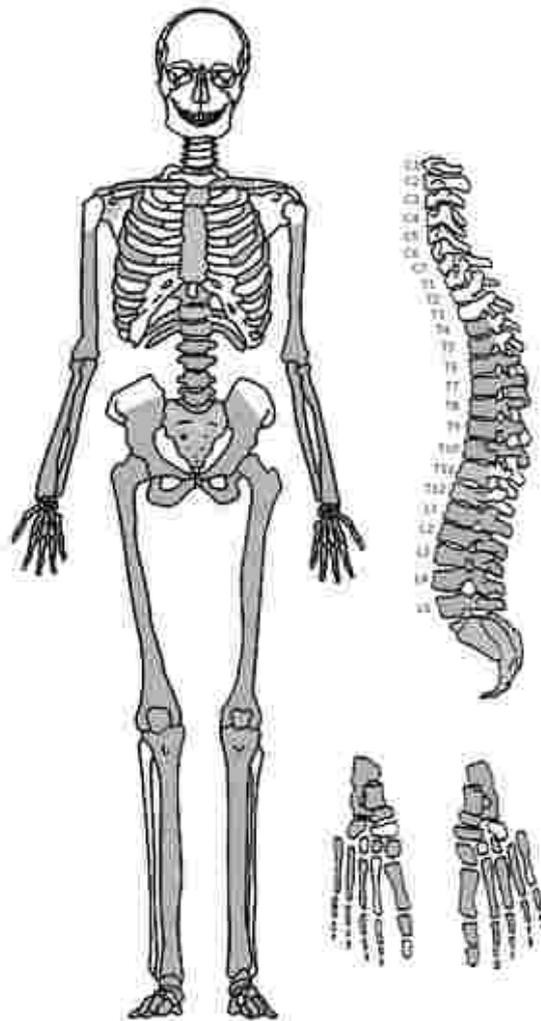
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1023**Middle Adult****Male: 165.4cm****Burial Position and Details:**

Plan No: 32K

Area No: 20/21

NW-SE orientation; simple, extended supine burial of moderate completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. The right arm was extended with the right hand positioned by the side of the body. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T4	0	4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T5	0	3	N/R	N/R	0	N/R	N/R	0	N/R	N/R	0	N/R
T6	3	3	4	4	0	4	0	N/R	0	0	0	N/R
T7	3	3, 4	4	0	0	4	0	0	0	0	4	N/R
T8	0	3, 4	0	0	5	N/R	3, 4	0	0	0	0	N/R
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	3	0	0	0	0			0	0	4		
T11	0	0	N/R	N/R	N/R			N/R	N/R	0		
T12	0	0	N/R	N/R	0			N/R	N/R	N/R		
L1	0	0	0	0				0	0			
L2	4	4	0	0				N/R	0			
L3	3, 5	3	0	0				0	0			
L4	3	0	0	0				0	N/R			
L5	0	0	0	3				0	0			

Schmorl's Nodes

A Schmorl's node of marked expression is present at the vertebral body of L3.

*Trauma**Musculo-Skeletal Stress*

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the right and left patella.

Fracture with sequestrum and secondary Musculo-Skeletal Stress

A probable fracture of unknown type is present at the distal articular facet of the left 4th proximal foot phalanx. The fracture line is still evident on the palmar aspect of the articular head. Healing in the form of sclerotic callus bone formation is also observable. A probable sequestrum is also present on the lateral aspect of the articular surface. This fracture has resulted in secondary musculo-skeletal stress at the dorsal aspect of the mid-shaft of the bone.

Joint

SK 1023 exhibits pathological lesions indicative of degenerative joint disease and/or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Right Clavicle
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets Left 12 th Rib head 3x Right Costal Facets Right 12 th rib head

SK 1023: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node, Intervertebral osteochondrosis, DJD
Joint DJD, Osteoarthritis
Trauma Fracture with sequestrum, musculo-skeletal stress

SK 1024

Old Adult

Female: 153.3cm

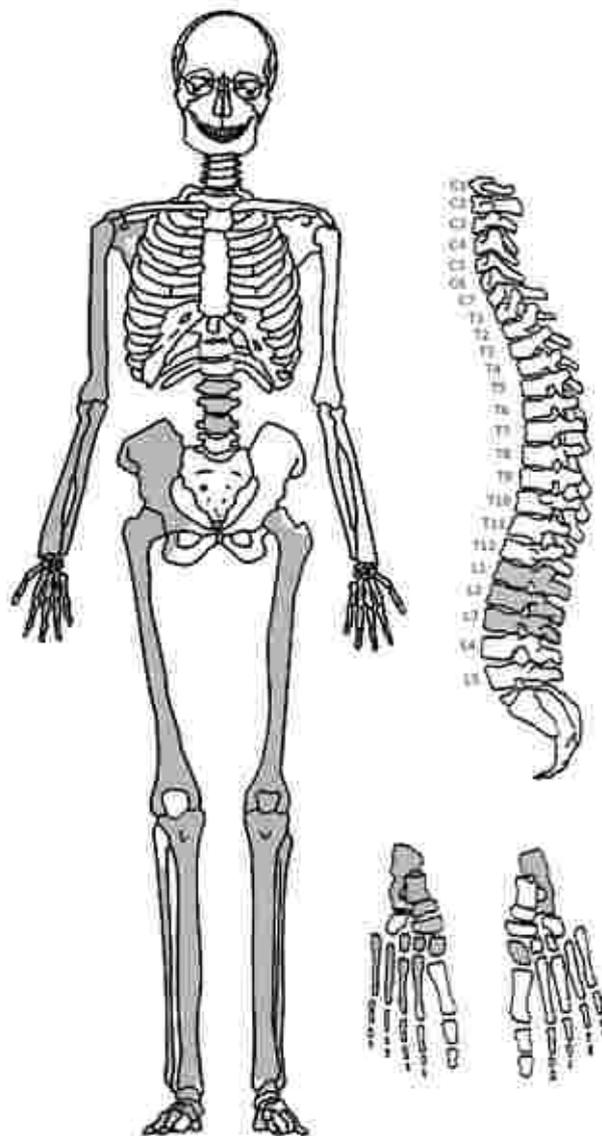
Burial Position and Details:

Plan No: 38C

Area No: 24

W-E orientation; simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 3

SK 1024: Palaeopathological Summary and Differential Diagnoses

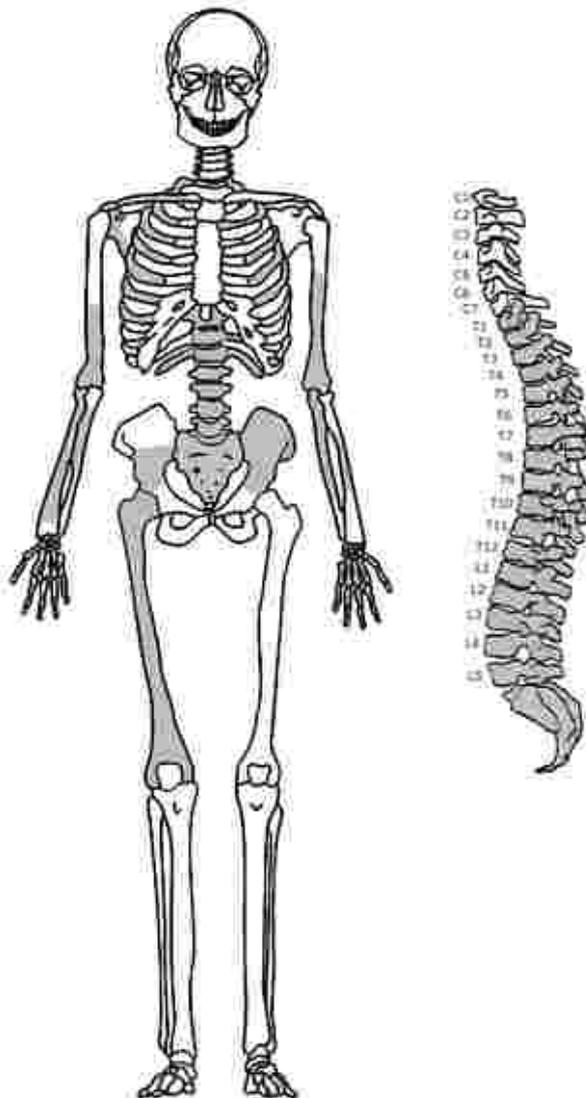
No pathological changes were observable on the skeletal elements present for analysis.

SK 1025**Young Adult****Female: 153.2cm****Burial Position and Details:**

Plan No: 41

Area No: 26

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The hands were positioned over the pelvic region. The right leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: <75-100%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T2	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T3	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R
T4	0	0	0	0	0	0	4	0	0	0	N/R	0
T5	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T6	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	5	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	0	0	0	0	0		0	0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	N/R	0	0			0	0	0		
L1	5	5	0	N/R				0	0			
L2	3, 4, 5	5	0	0				0	0			
L3	5	0	0	N/R				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of L1 and L3.

Schmorl's nodes of marked expression are present at the vertebral bodies of T7 and L2.

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5.

Congenital

Cleft Neural Arch Defect

L5 also exhibits a cleft neural arch defect.

SK 1025: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis
Trauma Spondylolysis
Congenital Cleft Neural Arch Defect

SK 1026

Middle Adult

Female: 159.7cm

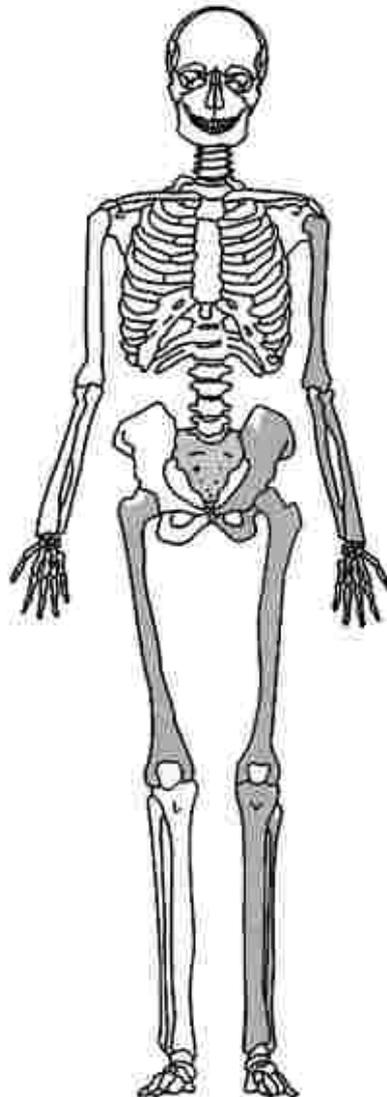
Burial Position and Details:

Plan No: 37B

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

SK 1026: Palaeopathological Summary and Differential Diagnoses

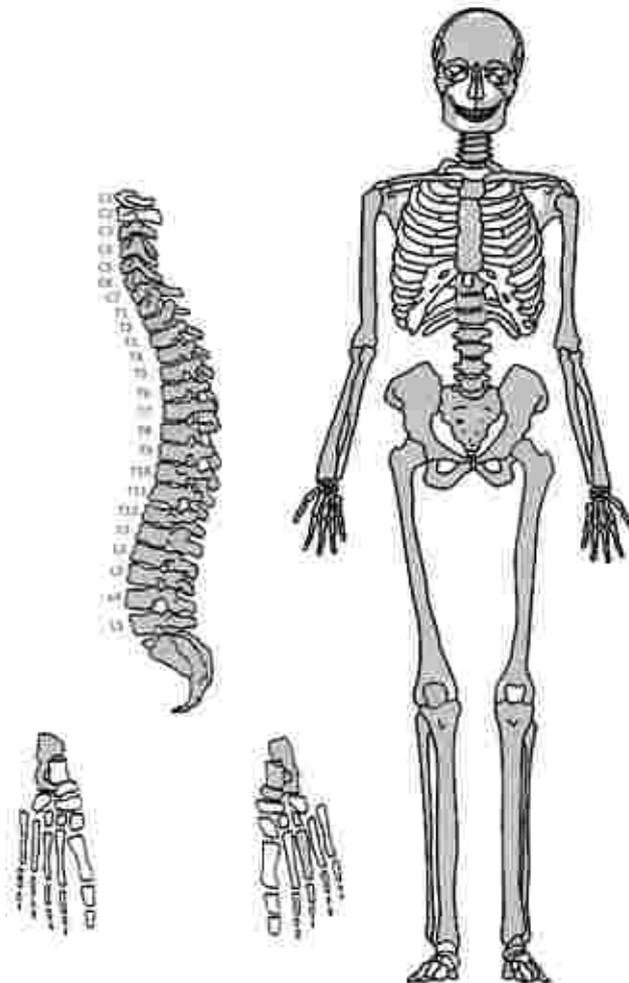
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1027**Young Adult****Female: 157.6cm****Burial Position and Details:**

Plan No: 37B

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended. SK1027 was found in association with a quartz piece recovered from the right hand.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	1	1	2	0	N/P	1	1	1	1	1	1	0	0	2	2	1
Period. Dis.	N/P	N/R	0	0	0	0	0	0	0							
E.Hypoplasia	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/P	N/R	0	0	0	0	0	0	0							
Abscess	N/P	N/R	0	0	0	0	0	0	0							
Caries	0	0	0	0	N/P	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	2	2	1	N/P	1	1	1	2	1	1	1	1	1	2	1
	1	1	1	1	N/P	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	N/P	1	1	1	1	N/P	1	1	1	1	1
Calculus	1	2	2	2	2	N/P	2	2	2	2	N/P	1	1	2	2	1
Caries	0	0	0	0	0	N/P	0	0	0	0	N/P	0	0	0	0	0
Abscess	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/P	0	0	0	0	N/P	0	0	0	0	0
Period. Dis.	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	1	1	N/P	2	2	2	2	N/P	1	1	2	1	1

SK 1027: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 1028

Middle Adult

Female: 153.7cm

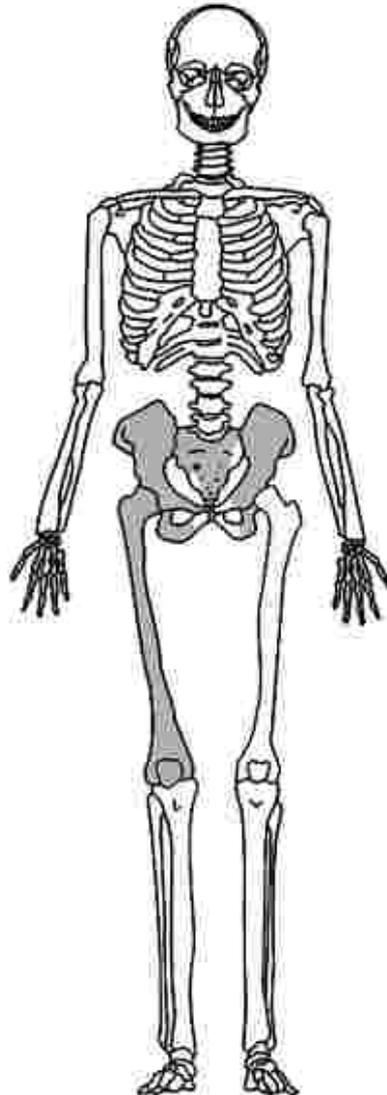
Burial Position and Details:

Plan No: 48C

Area No: Not specified

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The hands were positioned over the pelvic region. A single piece of quartz was found next to the left side of the feet.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology*Joint*

SK 1028 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hip</i>	Marginal osteophytes, surface osteophytes	Right Femoral Head

SK 1028: Palaeopathological Summary and Differential Diagnoses

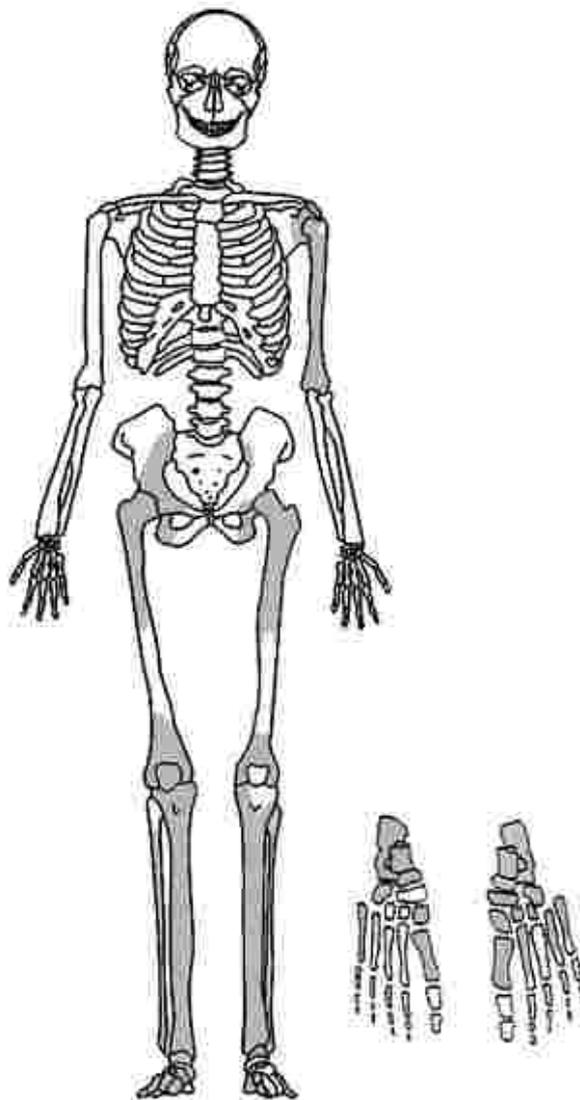
Joint DJD

SK 1030**Old Adult****Male: 162.2cm****Burial Position and Details:**

Plan No: 43E

Area No: 21/24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right arm was extended with the right hand positioned below the right pelvis. Both legs were extended with the feet together.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Post Cranial Pathology

Inflammation

A lesion of unifocal bone loss is present at the ischial tuberosity of the left pelvis. The bone loss affects only the periosteal surface and measures 14.9mm medial-lateral and 8.75mm superior-inferior. The boundaries of the lesion are circumscribed with sclerotic bone. The lesion is unilateral.

SK 1030: Palaeopathological Summary and Differential Diagnoses

Inflammation Unifocal bone loss

SK 1031

Middle Adult

Probable Female: 162.2cm

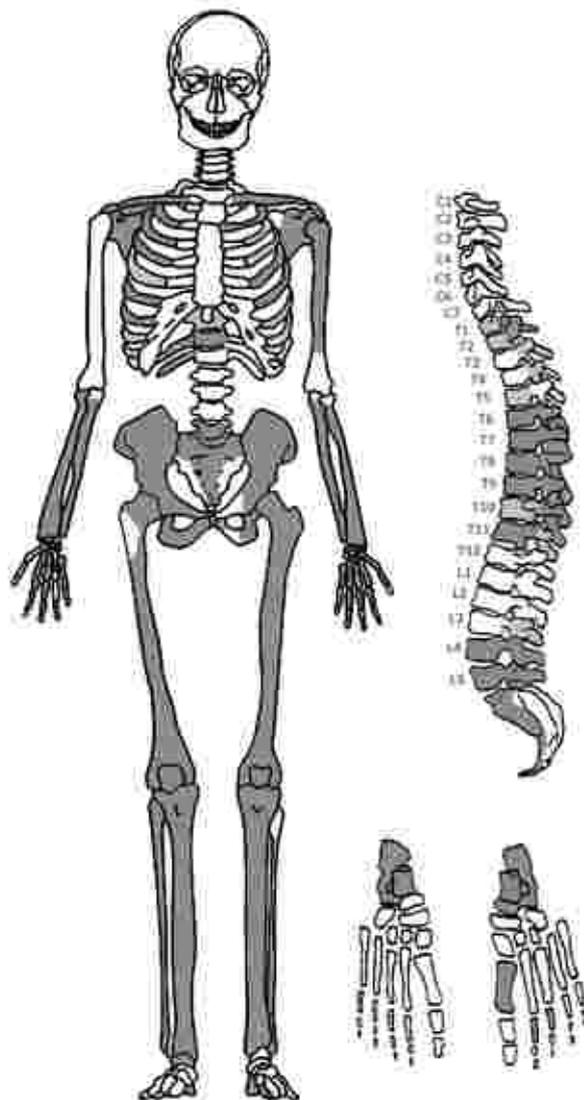
Burial Position and Details:

Plan No: 38G

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	N/R	N/R	0	0	N/R	N/R	0	0	0	N/R	N/R	N/R
T2	N/R	N/R	0	0	N/R	N/R	0	0	0	N/R	N/R	0
T3	N/R	N/R	0	4	N/R	N/R	0	N/R	4	N/R	N/R	N/R
T4	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T5	N/R	3	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T6	0	3, 4	0	0	0	0	0	0	0	0	0	N/R
T7	3	3, 5	0	0	0	0	0	0	0	0	0	N/R
T8	0	3	0	0	0	0	0	0	0	0	N/R	N/R
T9	3	5	0	0	0	0	N/R	0	0	N/R	N/R	N/R
T10	N/R	N/R	0	0	N/R			0	0	N/R		
T11	3	0	N/R	N/R	0			0	0	N/R		
T12	N/P	N/P	N/P	N/P	N/P			N/P	N/P	N/P		
L1	N/P	N/P	N/P	N/P				N/P	N/P			
L2	N/P	N/P	N/P	N/P				N/P	N/P			
L3	N/R	N/R	N/R	0				N/R	0			
L4	5	3, 4	0	0				0	3, 4			
L5	0	4	3	0				4	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T9 and L4.

Joint

SK 1031 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

Joint	Lesion Type(s)	Affected Skeletal Element(s)
Acromioclavicular	Surface porosity	Left and Right Clavicle
Glenohumeral	Periarticular resorptive foci, marginal osteophytes	Left and right glenoid fossa

Elbow Marginal osteophytes

Left proximal ulna

Hand Marginal osteophytes

Left MC1

Miscellaneous Pathology

Abnormal Bone Loss

A lesion of diffuse abnormal bone loss is exhibited at the distal articular surface of an unnumbered left proximal foot phalanx. The lesion affects greater than $\frac{2}{3}$ of the joint surface. The aetiology of this lesion is unclear but may be as a result of secondary traumatic arthritis or a possible fracture.

SK 1031: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis, DJD

Joint DJD

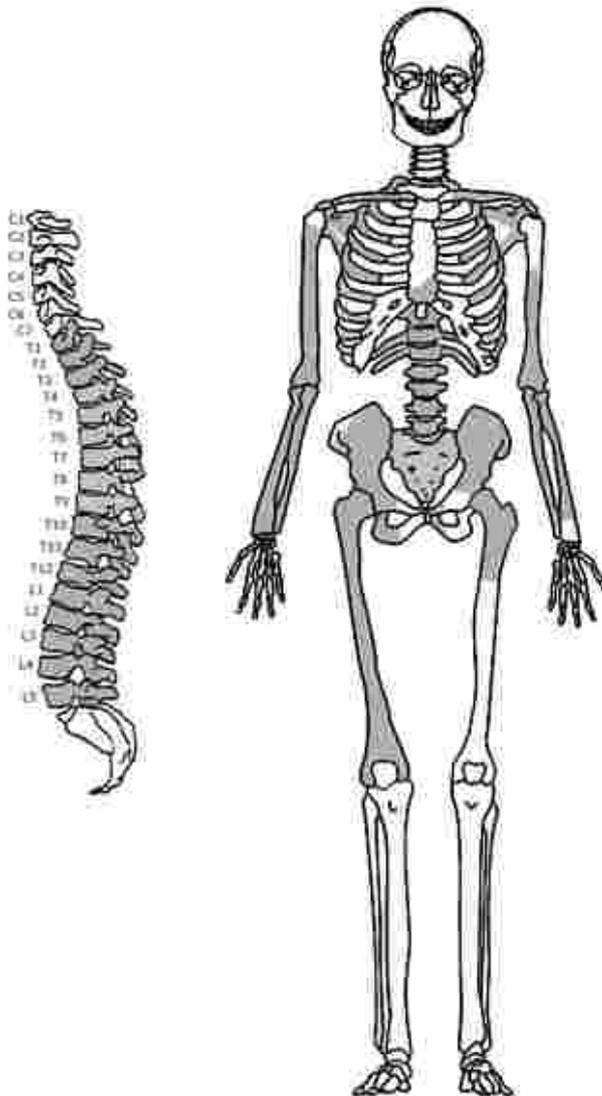
Miscellaneous Abnormal Bone Loss

SK 1032**Middle Adult****Female: 142.7cm****Burial Position and Details:**

Plan No: 38B

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of L1, L3 and L4.

Joint

SK 1032 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Elbow</i>	Subchondral cyst , marginal osteophytes	Left and right proximal ulna Right proximal radius

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5 and L6.

Congenital

Supernumerary Vertebra

L6 is present.

SK 1032: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Trauma</i>	Spondylolysis
<i>Congenital</i>	Supernumerary vertebra

SK 1034

Middle Adult

Probable Female

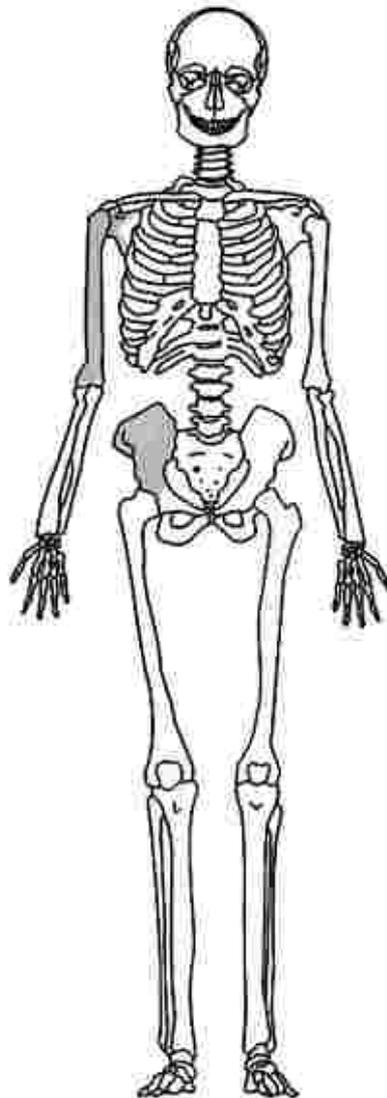
Burial Position and Details:

Plan No: 37M

Area No: 21/25

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 1034: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1035**Young Adult Male****Burial Position and Details:**

Plan No: 37M

Area No: 21/25

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The right arm was flexed at the elbow crossing the chest with the right hand positioned over the chest region. The left arm was extended.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

	N/P																
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	3	2	1	2	1	2	2	2								
Calculus	N/P	N/R	N/R	1	N/R	1	N/R	N/R	N/R								
Caries	N/P	N/R	N/R	0	N/R	0	N/R	N/R	N/R								
Abscess	N/P	N/R	N/R	0	0	0	0	0	0								
Cyst	N/P	N/R	N/R	0	0	0	0	0	0								
E.Hypoplasia	N/P	N/R	N/R	0	N/R	0	N/R	N/R	N/R								
Period. Dis.	N/P	N/R															
Attrition	N/P	N/R	N/R	0	N/R	N/R	0	N/R	N/R								

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11, T12, L1, L2 and L3.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the inferior vertebral body of T12.

Infection

Reactive Bone Formation

SK 1035 exhibits bilateral periosteal reactive lesions of the ribs. Reactive bone deposits in the form of woven bone are present at the visceral surfaces of 3 unnumbered right ribs and 2 unnumbered left ribs.

SK 1035: Palaeopathological Summary and Differential Diagnoses

Dental Calculus
Vertebral Schmorl's nodes, Intervertebral osteochondrosis
Infection Non-specific: reactive bone deposits

SK 1036

Adult

Male: 164cm

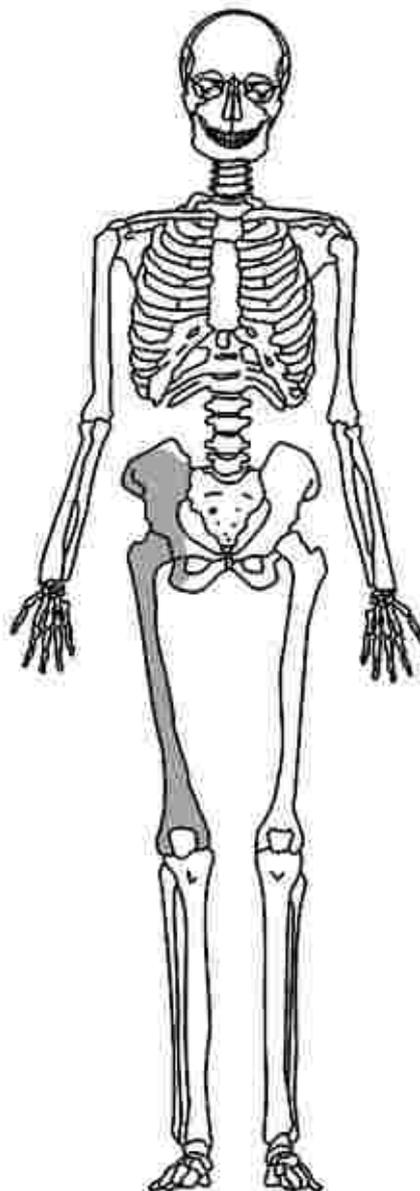
Burial Position and Details:

Plan No: 38C

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1036 exhibits a periosteal reactive lesion at the right femur. Reactive bone deposits in the form of woven bone are present at the lateral aspect of the proximal shaft of the femur. These lesions appear to have been active at the time of death.

SK 1036: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 1037

Young Adult

Sex Not Recordable

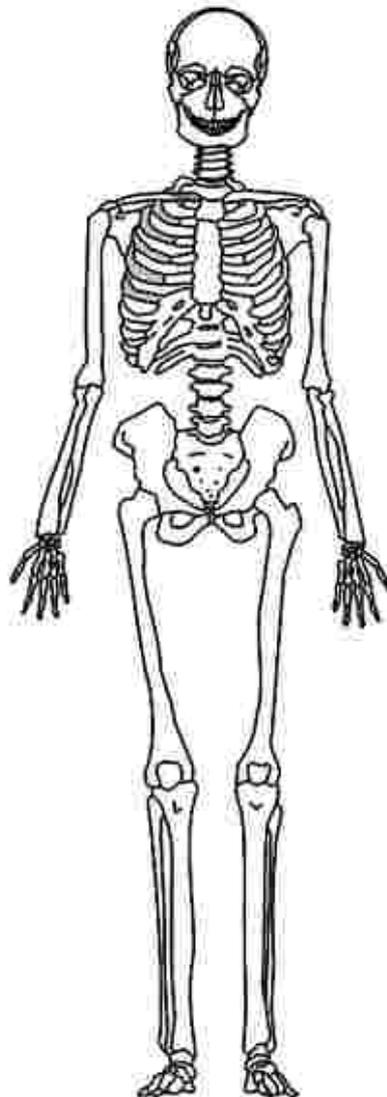
Burial Position and Details:

Plan No: 32B

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1037: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1038

Adult

Probable Male: 177.7cm

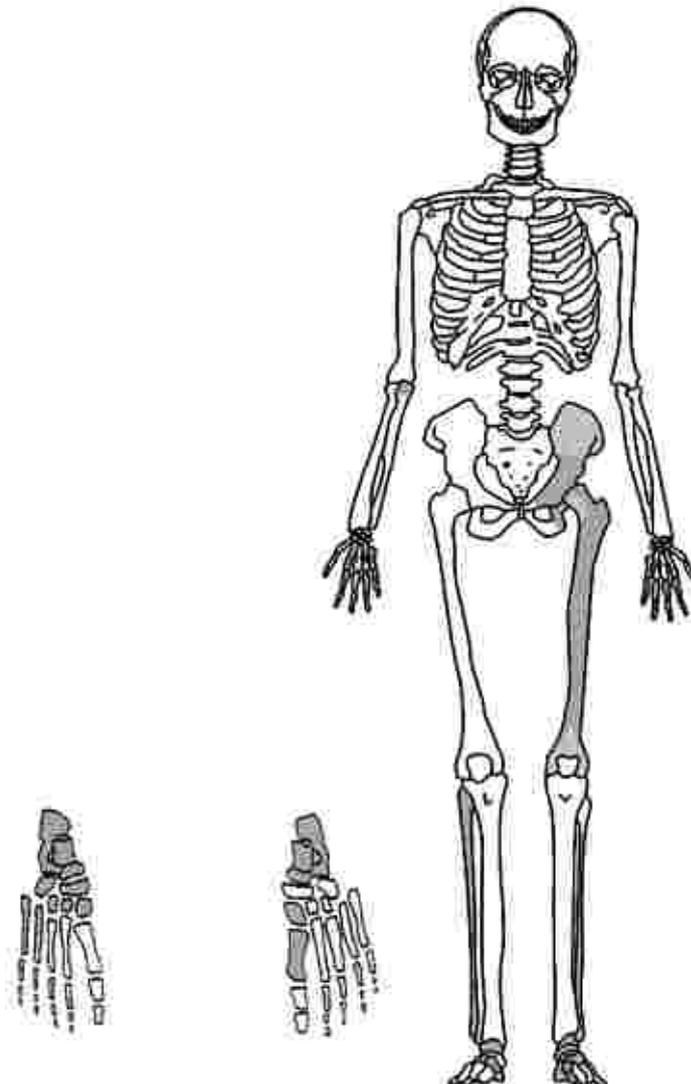
Burial Position and Details:

Plan No: 43D

Area No: 25

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

SK 1038: Palaeopathological Summary and Differential Diagnoses

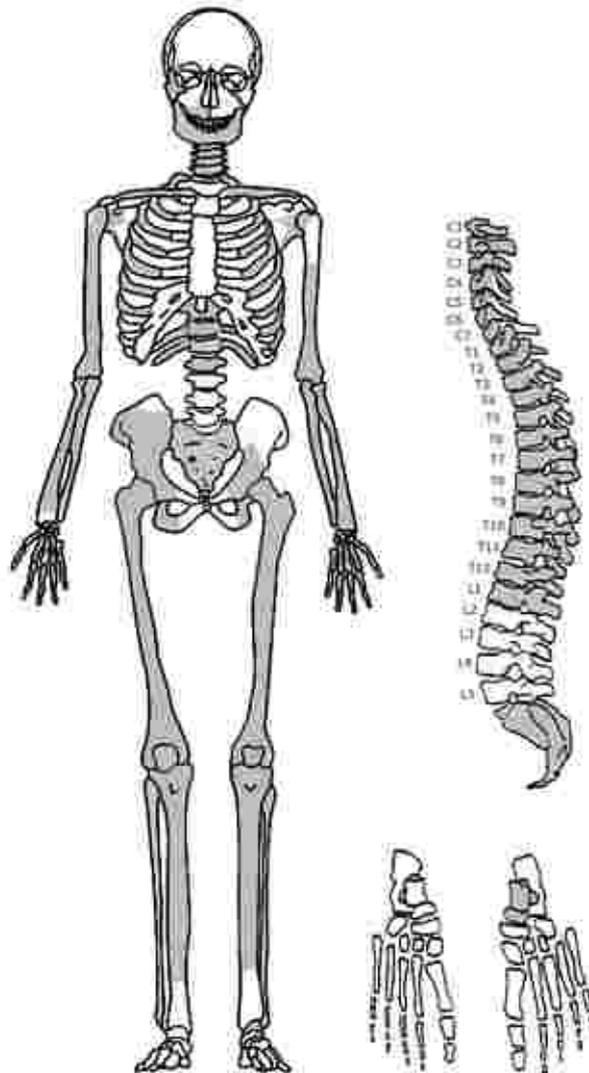
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1039**Middle Adult****Female: 143.1cm****Burial Position and Details:**

Plan No: 41D

Area No: 26

SW-NE orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned facing north-east. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	1	2	N/P	3	1	N/P	1	1	N/P							
Period. Dis.	2	2	N/R	N/R	N/R	N/R	N/R	N/R	N/P							
E.Hypoplasia	0	0	N/P	0	0	N/P	0	0	N/P							
Cyst	0	0	0	N/R	N/R	N/R	N/R	N/R	N/P							
Abscess	0	0	0	N/R	N/R	N/R	N/R	N/R	N/P							
Caries	0	2	N/P	0	0	N/P	0	0	N/P							
Calculus	2	1	N/P	1	1	N/P	2	1	N/P							
	1	1	2	1	1	2	1	1	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1	1
Calculus	1	1	1	1	1	1	N/P	N/P	N/P	N/P	N/P	1	1	N/P	1	1
Caries	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	N/P	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	N/P	0	0
Period. Dis.	2	2	N/R	0	0	N/R	2	2								
Attrition	1	3	3	1	1	1	N/P	N/P	N/P	N/P	N/P	2	3	N/P	3	2

Dental Disease

Caries

Tooth 17: Medium sized carious lesion present; this lesion has eroded approximately 25% of tooth crown

Congenital Abnormalities of the Teeth/ Jaws

SK 1039 exhibits prominent mandibular torii.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	3	0	0	0				4	0			
C3	4	0	0	0				0	0			
C4	0	4	N/R	N/R				N/R	N/R			
C5	3, 4	3,4	N/R	N/R				N/R	N/R			
C6	3,4	3,4	N/R	N/R				N/R	N/R			
C7	3,4	4	N/R	N/R				N/R	N/R			
T1	0	0	0	0	0	0	N/R	0	0	0	N/R	N/R
T2	0	0	0	0	0	N/R	N/R	0	0	0	NR	N/R
T3	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	4	N/R	N/R
T4	4	4	4	4	4	N/R	N/R	N/R	0	0	N/R	N/R
T6	4	0	0	0	0	N/R	0	0	0	4	0	N/R
T7	4	4	4	N/R	0	0	N/R	0	0	N/R	N/R	0
T8	4	4	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T9	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T10	4	4	N/R	N/R	0			N/R	N/R	0		
T11	4	4	0	0	0			0	0	0		
T12	N/R	N/R	0	0	N/R			N/R	0			
L1	2 lumbar centra present; unable to number due to fragmentation Porosity exhibited on inferior body of one; porosity and eburation exhibited on the superior body of the other 1 lumbar neural arch present; no pathological changes present											
L2												
L3												
L4												
L5												

SK 1039: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition, mandibular torii
Vertebral Intervertebral osteochondrosis, DJD

SK 1040

Middle Adult

Female: 154.2cm

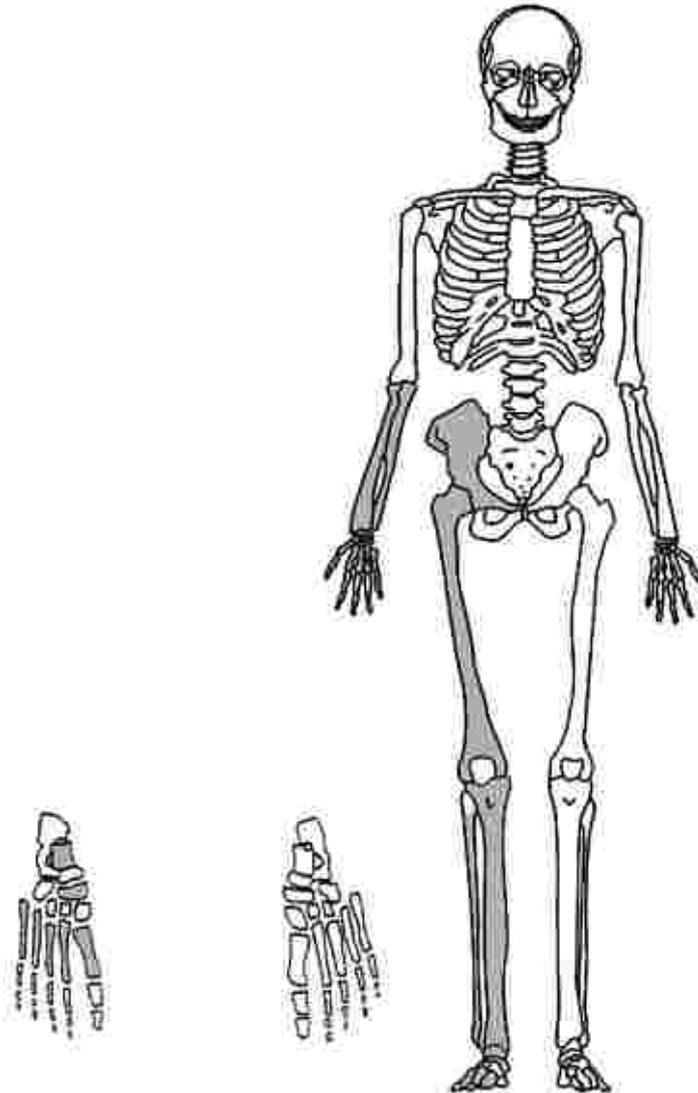
Burial Position and Details:

Plan No: 37M

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The right leg and foot was extended.

Visual Inventory



Preservation

Approximate Completeness: 25-00%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Trauma

Rib Fracture

SK 1040 exhibits a traumatic injury at the body of an unsided and unnumbered rib fragment. This injury presents as an extension of bone inferior to the rib body creating a large oval perforation with a maximum length of 25.31mm.

SK 1040: Palaeopathological Summary and Differential Diagnoses

Trauma Healed rib fracture

SK 1041

Adult

Sex Not Recordable

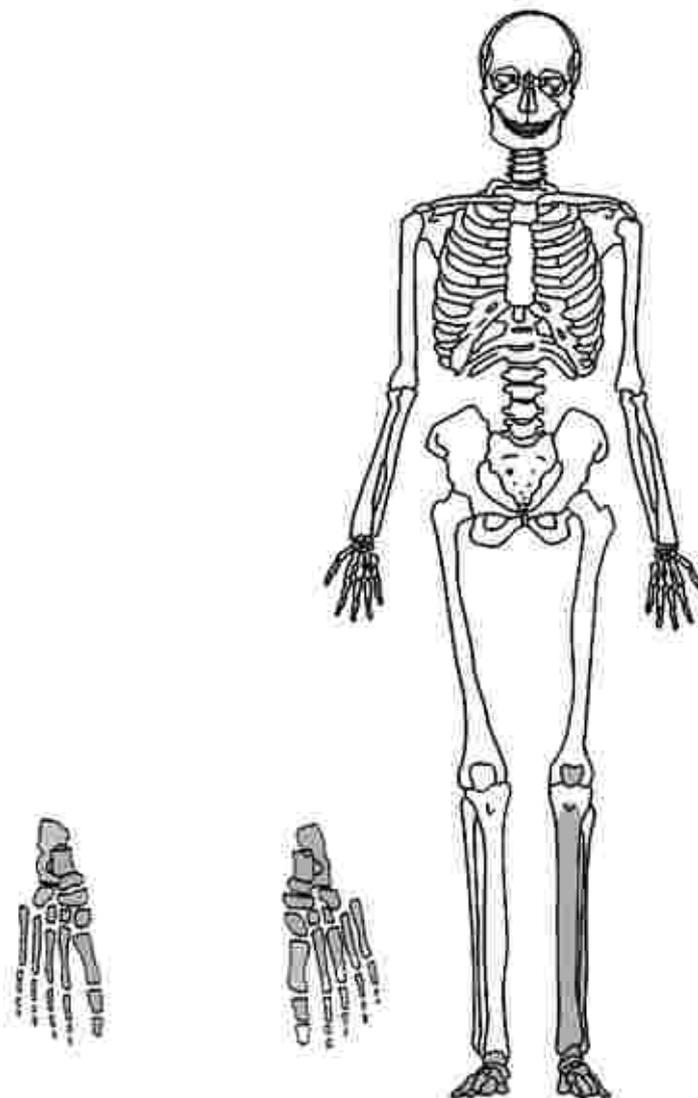
Burial Position and Details:

Plan No: 41B

Area No: 26

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The feet were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Trauma

Sequestra

A probable comminuted fracture is present at proximal articular facet of the left 5th intermediate foot phalanx. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in a sequestrum observable at the head of the phalanx.

A second possible sequestrum is present at the lateral aspect of the shaft of the right 1st distal foot phalanx. This possible fracture appears to have completely healed by the time of death.

SK 1041: Palaeopathological Summary and Differential Diagnoses

Trauma Fractures in the foot phalanges

SK 1042B

Adult

Sex Not Recordable

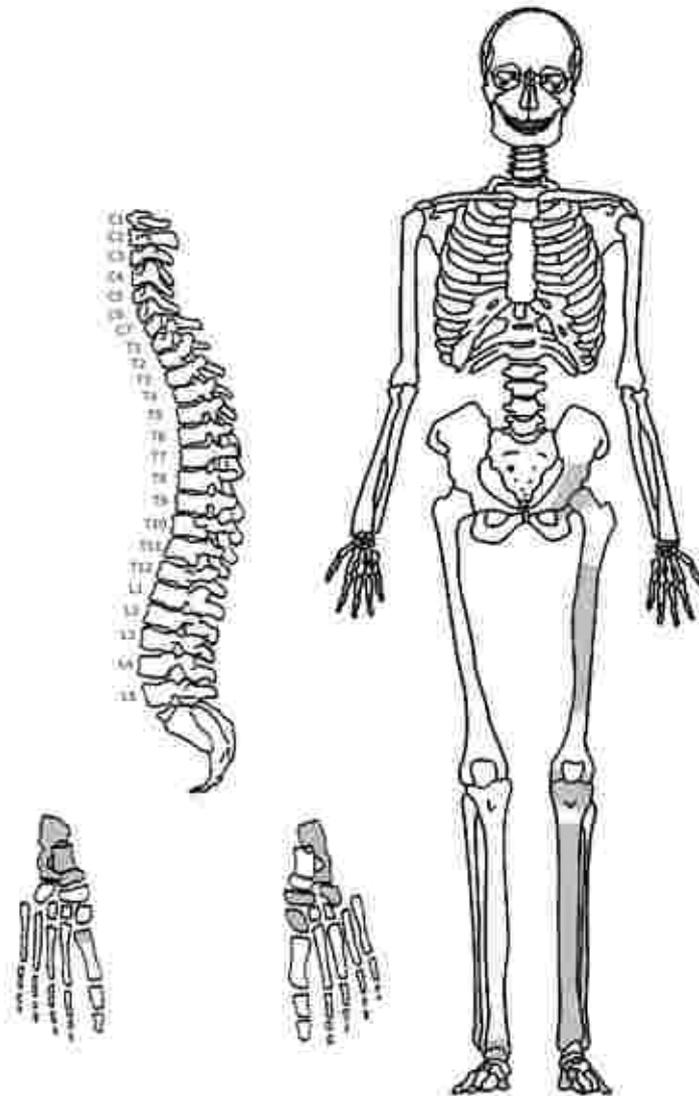
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1042B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1043A

Adult

Female

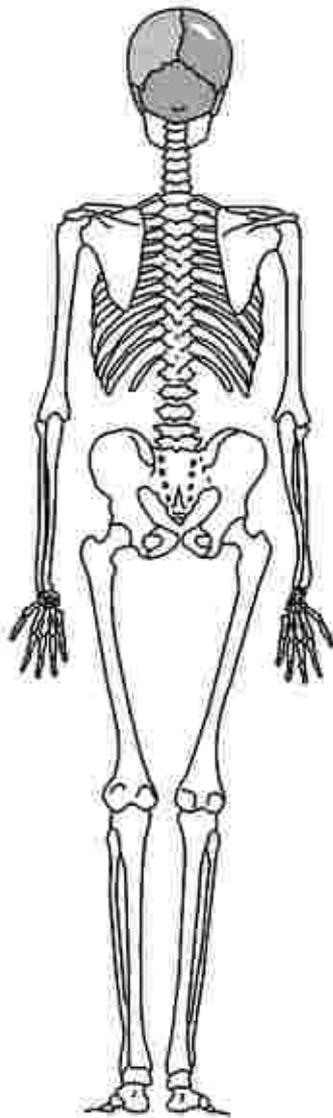
Burial Position and Details:

Plan No: 32H

Area No: 20

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 1043A: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1043B

Young Adult

Sex Not Recordable

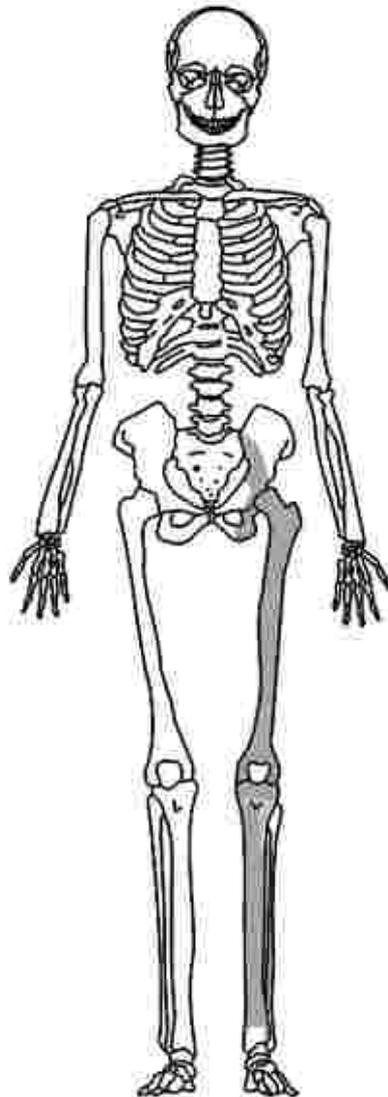
Burial Position and Details:

Plan No: 32H

Area No: 20

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1043B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1044

Adult

Probable Male

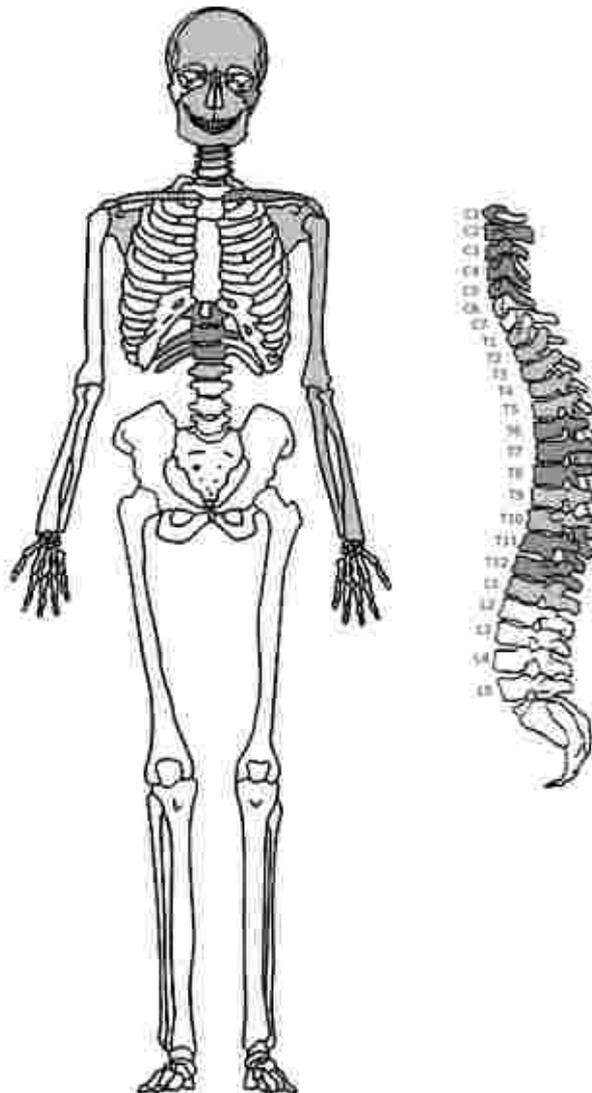
Burial Position and Details:

Plan No: 32G

Area No: 21

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	N/P	N/P	N/P	N/R	N/R	N/R	3	3	N/R	3	1	1	3	N/P	N/P
Period. Dis.	N/P	N/P	N/P	N/P	N/R	N/R	N/R	1	1	N/R	1	3	3	3	N/P	N/P
E.Hypoplasia	N/P	N/P	N/P	N/P	N/R	N/R	N/R	0	0	N/R	0	0	0	0	N/P	N/P
Cyst	N/P	N/P	N/P	N/P	N/R	N/R	N/R	0	0	N/R	0	0	0	N/R	N/P	N/P
Abscess	N/P	N/P	N/P	N/P	N/R	N/R	N/R	0	0	N/R	0	0	0	N/R	N/P	N/P
Caries	N/P	N/P	N/P	N/P	N/R	N/R	N/R	0	0	N/R	0	0	0	0	N/P	N/P
Calculus	N/P	N/P	N/P	N/P	N/R	N/R	N/R	0	1	N/R	1	1	1	3	N/P	N/P
	N/P	N/P	N/P	N/P	4	2	2	1	1	4	1	1	1	1	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/R															

Dental Disease

Antemortem Tooth Loss

SK 1044 exhibits antemortem tooth loss of a maxillary incisor and a maxillary pre-molar.

Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	N/R	N/R				0	0			
C2	0	0	0	0				0	0			
C3	3	0	0	0				0	0			
C4	0	0	0	0				0	0			
C6	0	0	N/R	N/R				0	0			
C7	N/R	0	0	3, 4				0	0			
T1	0	0	0	0	0	4	N/R	0	0	4	N/R	0
T2	0	0	0	0	0	N/R	N/R	0	0	N/R	0	0
T4	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	0	0	N/R
T5	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T6	0	0	N/R	0	0	0	N/R	0	0	0	0	N/R
T7	0	0	0	0	N/R	N/R	N/R	0	0	0	0	N/R
T8	0	3	N/R	N/R	0	4	N/R	N/R	N/R	N/R	N/R	N/R
T9	0	3	N/R	N/R	0	4	N/R	N/R	N/R	N/R	N/R	N/R
T10	3, 4	3, 4	0	0	0			0	0	0		
T11	3	3, 4	0	0	0			0	0	0		
T12	3	0	0	0	4			0	0	0		
L1	3	3, 4	N/R	N/R				N/R	N/R			

SK 1044: Palaeopathological Summary and Differential Diagnoses

Dental Ante-mortem tooth loss, calculus, periodontal disease, dental attrition
Vertebral Intervertebral osteochondrosis

SK 1045

Adult

Sex Not Recordable

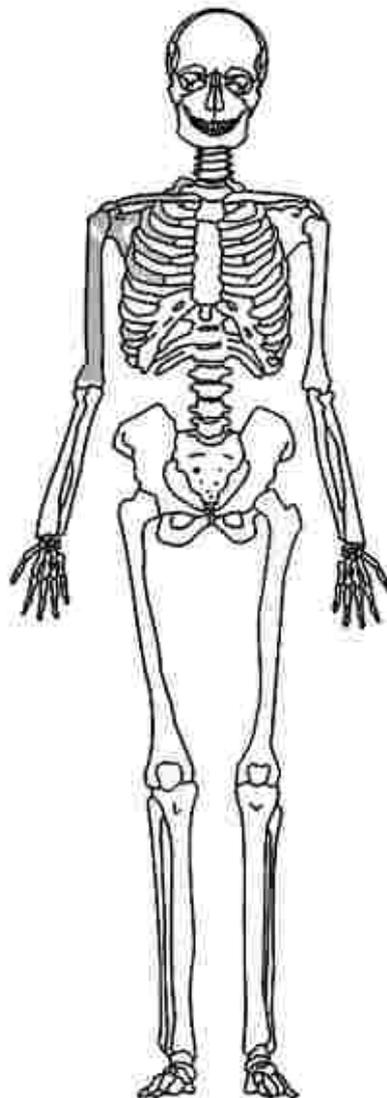
Burial Position and Details:

Plan No: 38A

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1045: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1046

Adult

Probable Female: 160.5cm

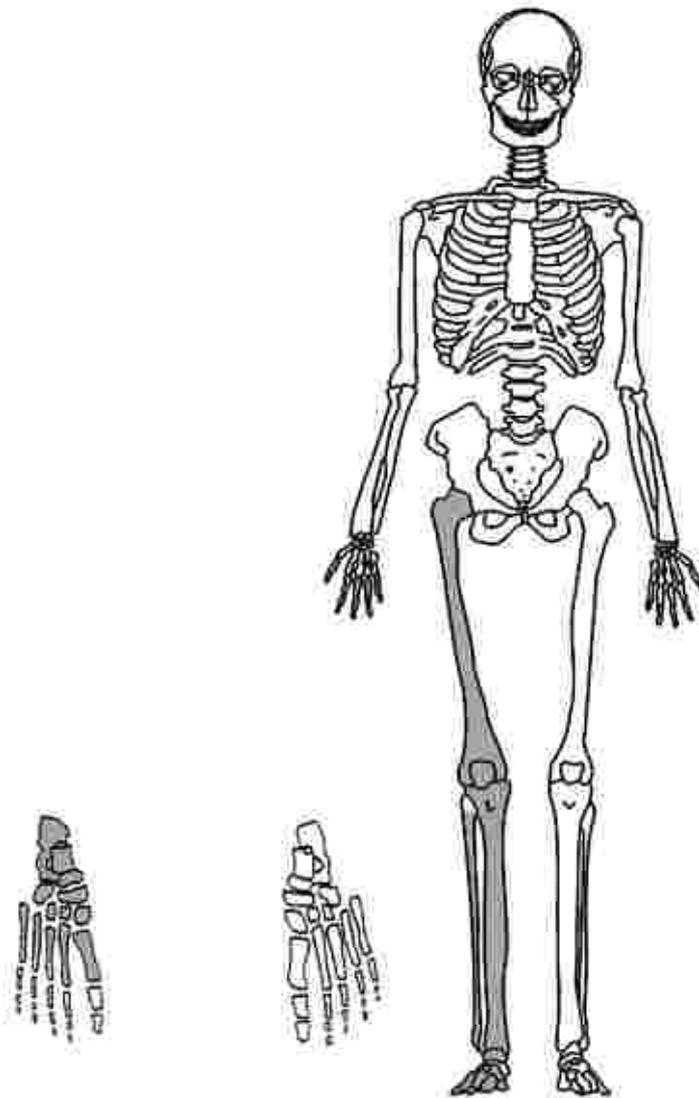
Burial Position and Details:

Plan No: 38D

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The right hand was positioned over the right femur. The right leg was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 1046: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1047

Middle Adult

Male: 153.5cm

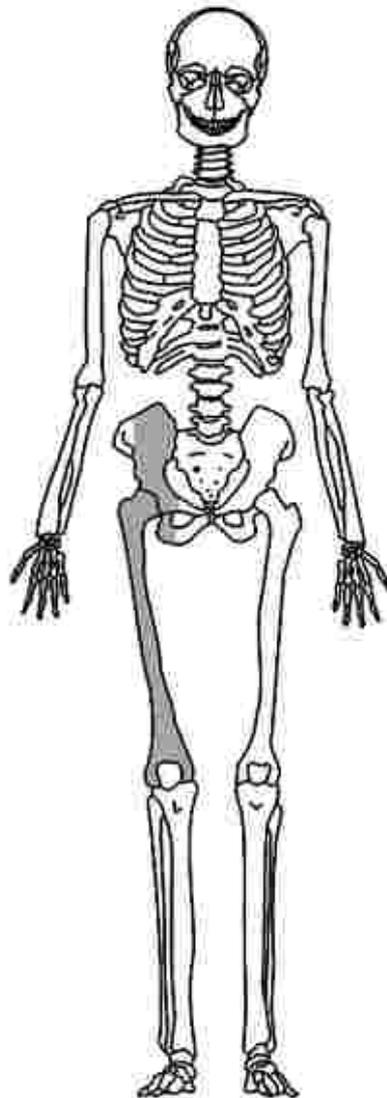
Burial Position and Details:

Plan No: 38D

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The right hand was positioned over the right femur. The right leg was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 1047: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1048

Middle Adult

Female: 154.7cm

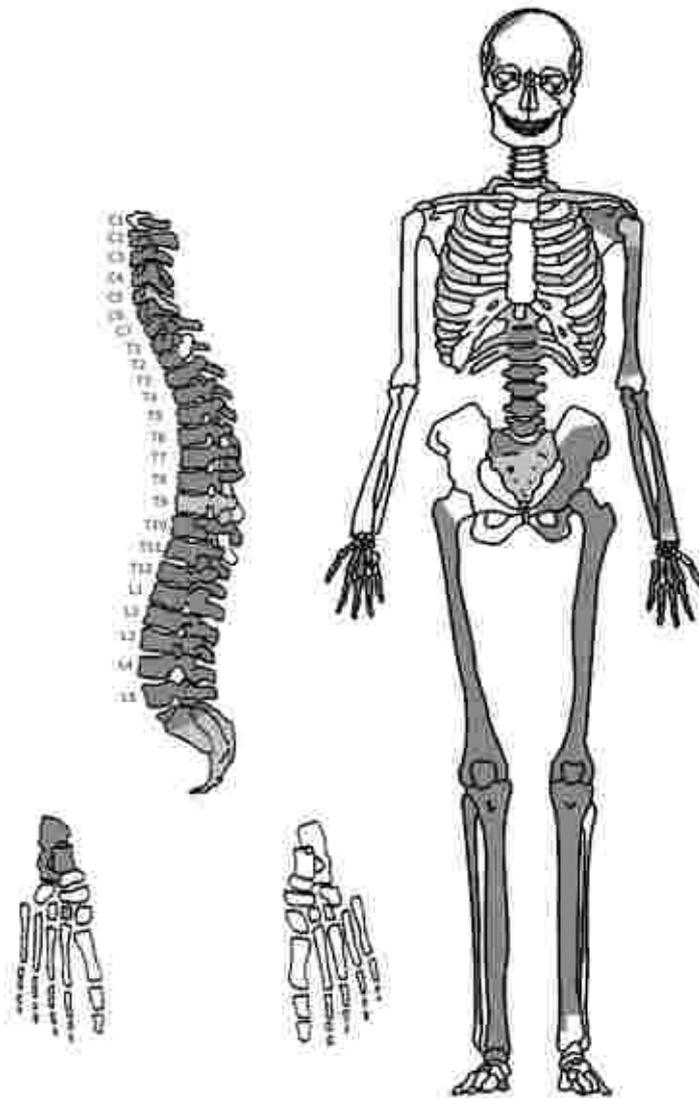
Burial Position and Details:

Plan No: 38F

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	N/P	N/P												
Calculus	N/P	2	N/P	N/P												
Caries	N/P	0	N/P	N/P												
Abscess	N/P	N/R	N/P	N/P												
Cyst	N/P	N/R	N/P	N/P												
E.Hypoplasia	N/P	0	N/P	N/P												
Period. Dis.	N/P	N/R	N/P	N/P												
Attrition	N/P	2	N/P	N/P												

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R.Sup. Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		0	N/R	N/R				N/R	N/R			
C2	0	3	0	0				0	3			
C3	3	3 + 4	0	0				2 + 3	2, 3 + 4			
C4	3 + 4	3 + 4	N/R	N/R				3 + 4	2 + 3			
C5	3 + 4	3 + 4	N/R	N/R				2 + 3	0			
C6	3 + 4	3 + 4	N/R	N/R				0	0			
C7	3 + 4	3	N/R	0				0	0			
T1	3	3	0	0	4	N/R	0	0	0	N/R*	N/R*	0
T2	0	0	0	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R
T3	4	3 + 4	0	0	0	0	N/R	0	0	0	0	N/R
T4	4	N/R	0	2 + 3	0	N/R	N/R	0	0	4	N/R	N/R
T5	N/R	3	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T6	3 + 4	3 + 4	3	N/R	4	0	N/R	0	N/R	4	N/R	N/R
T7	0	3 + 4	0	N/R	4	4	N/R	N/R	N/R	4	4	N/R
T8	0	3 + 4	0	N/R	4	3 + 4	N/R	0	N/R	4	3 + 4	N/R
T9	3 + 4	3 + 4	0	N/R	4	0	N/R	0	N/R	0	0	N/R
T10	0	3 + 4	0	3	0			0	0	4		
T11	3 + 4	0	3	N/R	N/R			3	N/R	0		
T12	3	3 + 4	0	N/R	N/R			0	N/R	0		
L1	3 + 4	3 + 4	0	0				0	0			
L2	N/R	4	3	3				3	N/R			
L3	3 + 4	3	3	3				0	0			
L4	3 + 4	3 + 4	3	3				3	3			
L5	3 + 4	3 + 4	3	3				3	3			

Congenital

Abnormal Bone Loss and Abnormality of Shape

A lesion of abnormal bone loss is observable at the left portion of the vertebral body of T1. The lesion is unifocal and measures 13.22mm medial-lateral and 8.92mm superior-inferior. The bone loss extends to the trabecular bone and has resulted in structural collapse of the vertebral body in turn obliterating the superior costal facets. The boundaries of the lesion are well-rounded indicating this lesion is likely to be congenital in origin.

Joint

SK 1048 exhibits extensive pathological lesions indicative of osteoarthritis. Associated bony changes are observable at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Eburnation, surface porosity, marginal osteophytes	Left Humeral Head and glenoid fossa
<i>Ribs</i>	Marginal osteophytes	4x Left Costal Facets 3x Right Costal Facets
<i>Elbow</i>	Marginal osteophytes, eburnation	Left distal humerus
<i>Wrist</i>	Eburnation	Left proximal ulna Left lunate and hamate
<i>Hand</i>	Marginal osteophytes, eburnation, joint contour change, surface porosity, surface osteophytes	Left MC5, 3 intermediate and 1 proximal phalanx Right MC1, MC3, 1 st proximal phalanx, 3 intermediate phalanges and 1 distal phalanx
<i>Knee</i>	Marginal osteophytes, eburnation, surface porosity	Left and Right Femoral Condyles, Tibial Condyles and patella
<i>Ankle</i>	Surface porosity	Right Talus

SK 1048: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis, DJD, Abnormal bone loss
<i>Joint</i>	Osteoarthritis

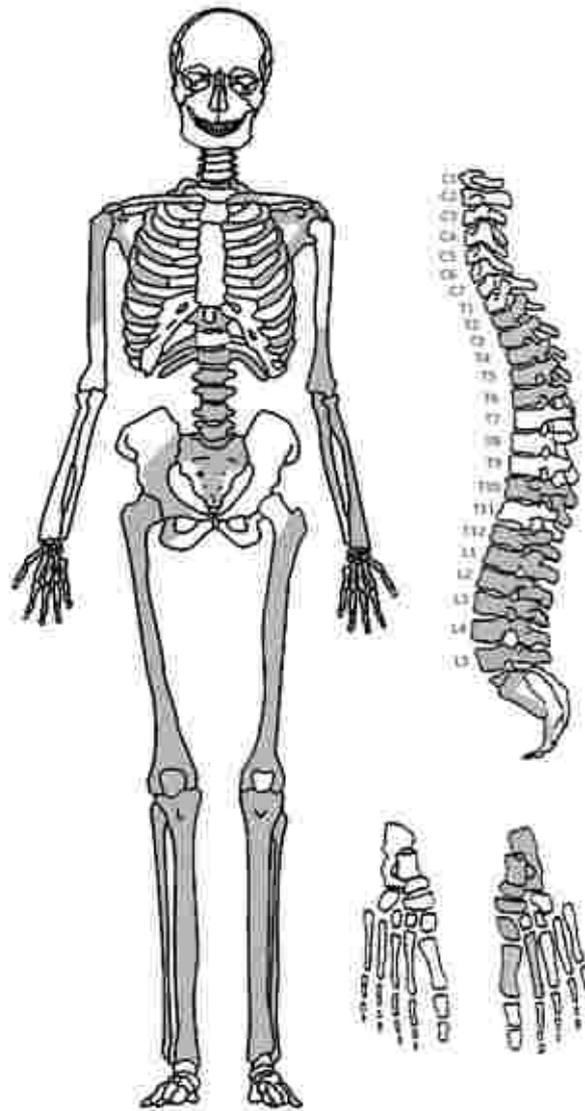
SK 1050**Young Adult****Probable Male: 147.7cm****Burial Position and Details:**

Plan No: 38B

Area No: 24

E-W orientation; simple, extended supine burial of good completeness and good preservation. Both arms were extended with the hands positioned on either side of the body. Both legs were extended with the feet together. SK1050 was found in association with the find F132: a number of quartz pieces recovered from around the body.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	4 thoracic bodies present; no pathological changes present											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	0	4, 3	4	N/R	4		4	4	4			
T12	4, 3, 5	5	N/R	4	4		N/R	0	0			
L1	5	0	0	N/R			N/R	N/R				
L2	5	0	0	3			0	3				
L3	5	0	0	0			0	3				
L4	0	0	0	3			0	3				
L5	0	0	0	0			0	0				

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T12, L1, L2, L3 and L4.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of 3 unnumbered thoracic vertebrae and T12.

SK 1050: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis

SK 1051

Adult

Sex Not Recordable

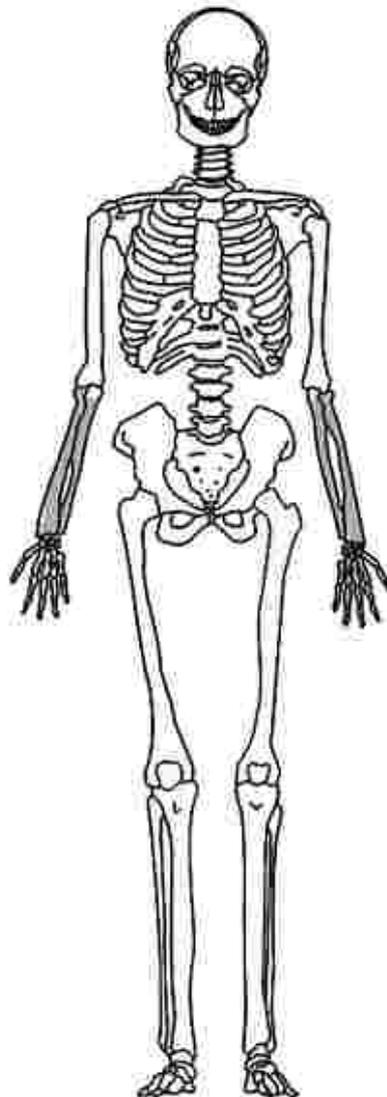
Burial Position and Details:

Plan No: 38B

Area No: 24

SW-NE orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

SK 1051: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1053

Young Adult

Male: 170.7cm

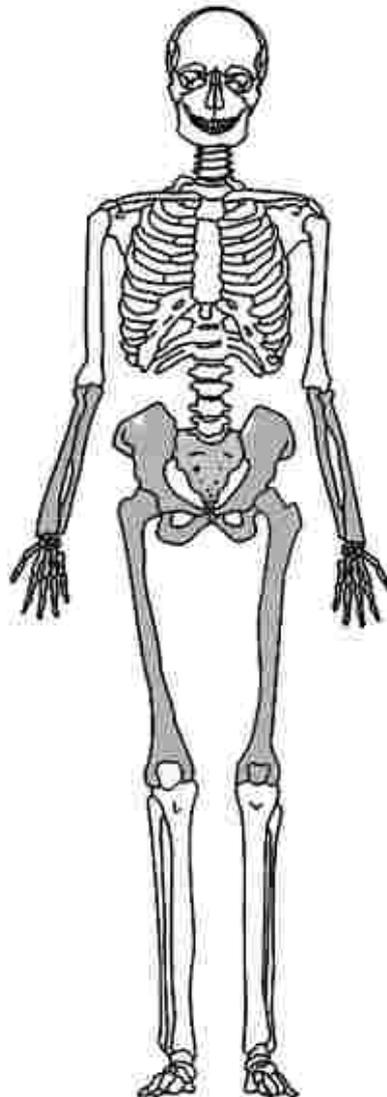
Burial Position and Details:

Plan No: 32K

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Compound Fracture

A probable compound fracture is present at the mid-shaft of the left MC1. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. Malunion of this fracture has resulted in severe lateral displacement of the fractured end of the bone shaft. Secondary shortening of the fractured bone shaft by 6.64mm is also observable when compared to the opposing right MC1.

SK 1053: Palaeopathological Summary and Differential Diagnoses

Trauma Compound Fracture

SK 1054	Middle Adult	Male
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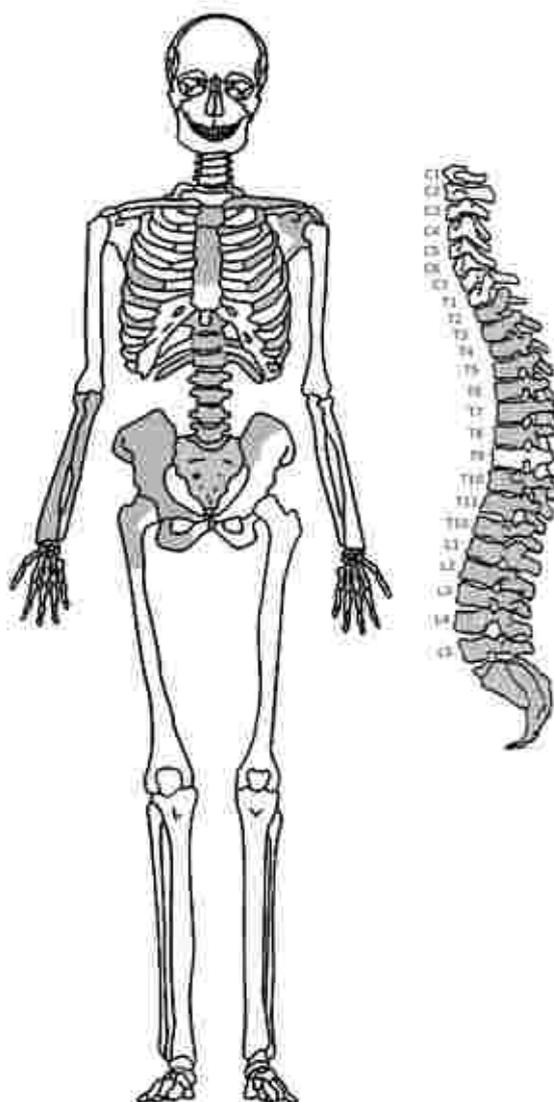
Burial Position and Details:

Plan No: 43E

Area No: 25

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T5, T6, T8, T8, T9, T10 and T11.

Joint

SK1054 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Marginal osteophytes, surface osteophytes	4x Left Costal Facets

*Congenital**Caudal Border Shift*

Lumbarisation of T12 is observable.

SK 1054: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis
Joint DJD
Congenital Caudal Border Shift

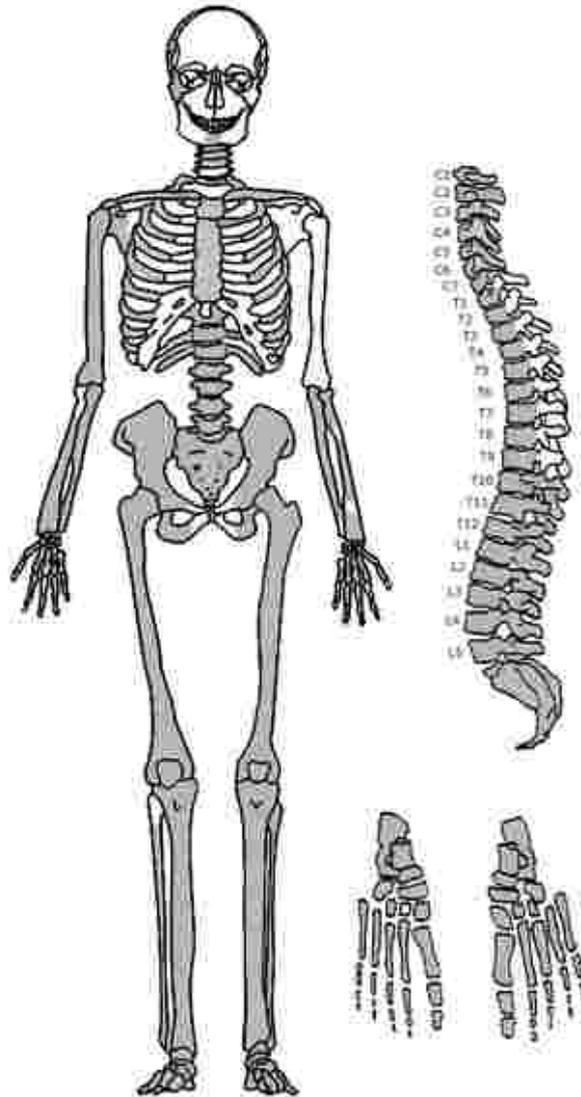
SK 1056**Young Adult****Female: 161.1cm****Burial Position and Details:**

Plan No: 37B

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis. Both legs were extended with the feet together. SK1056 was found in association with the find F135: a broken flint arrowhead.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

	N/P	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	N/P	N/P	N/P	N/P	2	2	1	1	1	2	N/P	N/P	N/P	N/P	N/P	
Calculus	N/P	2	2	2	N/P	N/P	N/P	N/P	N/P	N/P							
Caries	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P							
Abscess	N/P	N/P	N/P	N/P	N/P	N/R	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	
Cyst	N/P	N/P	N/P	N/P	N/P	N/R	0	0	0	0	0	N/P	N/P	N/P	N/P	N/P	
E.Hypoplasia	N/P	0	0	0	N/P	N/P	N/P	N/P	N/P	N/P							
Period. Dis.	N/P	N/P	N/P	N/P	N/P	N/R	0	N/R	0	0	0	N/P	N/P	N/P	N/P	N/P	
Attrition	N/P	2	2	2	N/P	N/P	N/P	N/P	N/P	N/P							

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	3 cervical vertebrae present; unnumbered due to fragmentation No pathological changes present on observable articular surfaces											
C4												
C5												
C6												
C7												
T1	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	4	0	N/R
T2	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R
T3	5	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T4	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T6	0	0	4	0	0	0	0	N/R	0	0	0	N/R
T7	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T10	0	0	N/R	0	0			0	0	0		
T11	0	5	N/R	0	0			0	0	0		
T12	5	0	0	0	0			0	4	0		
I 1	0	0	0	0				0	0			
L2	5	0	0	0				0	0			
I 3	5	0	0	0				0	0			
I 4	5	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T3 and T11. A Schmorl's node of marked expression is present at the vertebral body of T12.

Trauma

Partial Fracture

A probable partial fracture is present at the inferior talar facet of the left talus. The fracture line is still evident on the inferior aspect of the joint surface. Healing in the form of sclerotic callus bone formation is also observable along the superior portion of the fracture line.

Joint

SK1056 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Right Costal Facets

SK 1056: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	DJD
<i>Trauma</i>	Partial Fracture

SK 1057

Adult

Sex Not Recordable

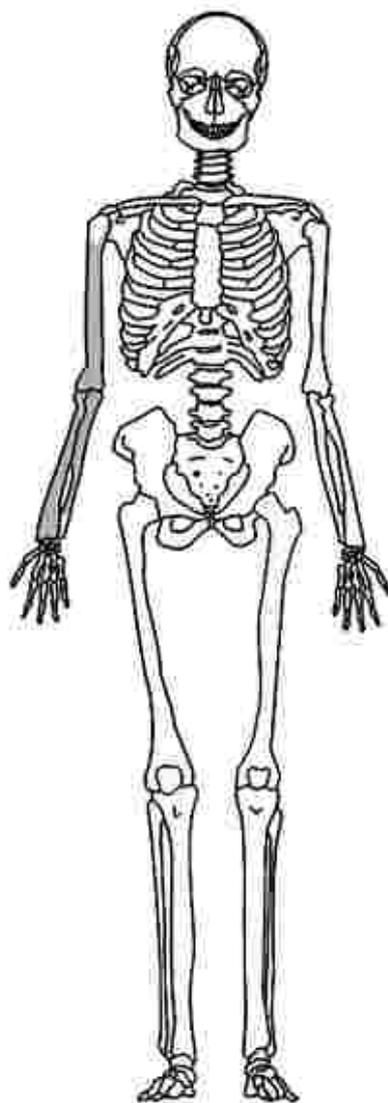
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 1057: Palaeopathological Summary and Differential Diagnoses

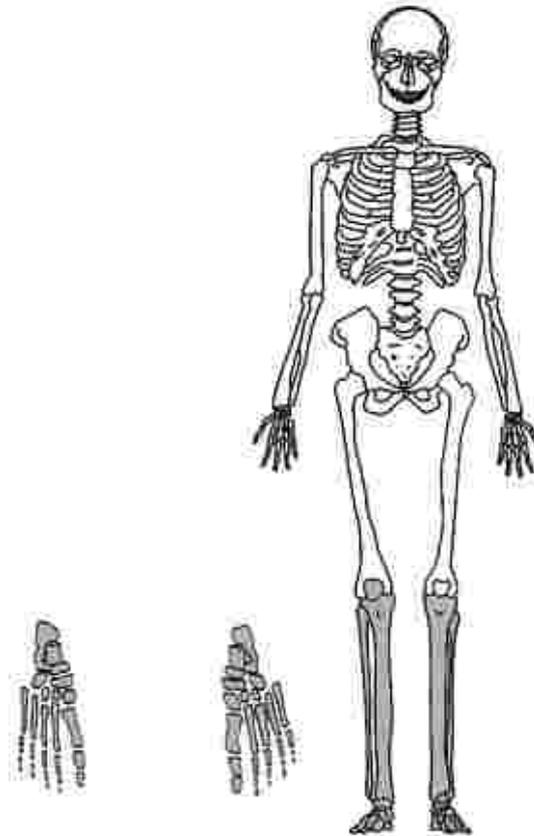
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1058**Adult****Sex Not Recordable :****166.8cm****Burial Position and Details:**

Plan No: 32K

Area No: 20

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 1058: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1059**Adult****Female****Burial Position and Details:**

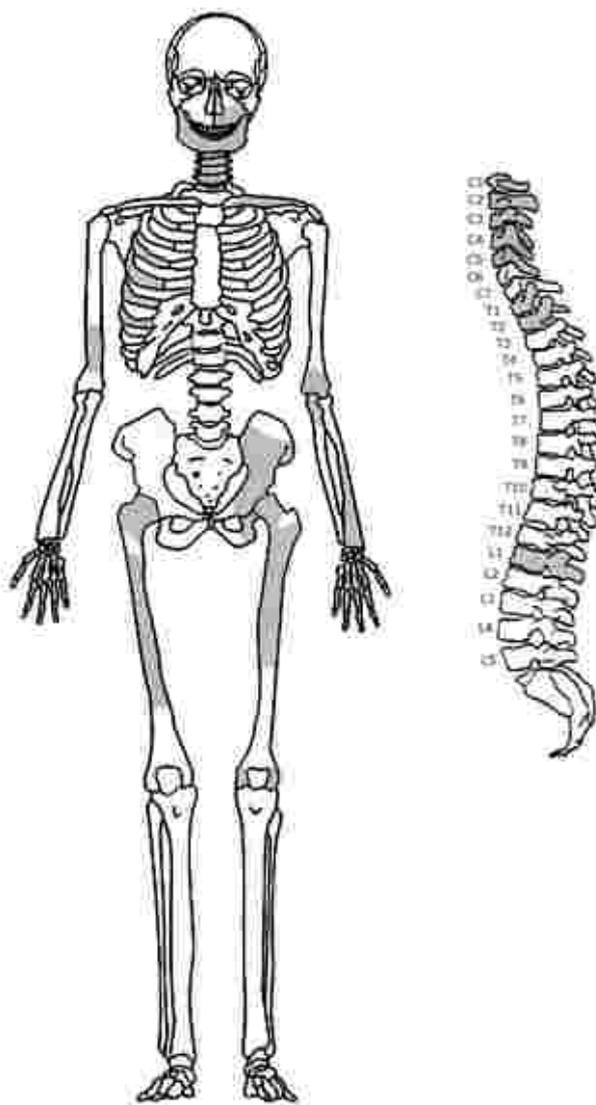
Plan No: 38D

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

The skull was positioned facing east. The left arm and left leg were extended with the hands positioned on either side of the body. SK1059 was found in association with find F136: 2 calcified objects recovered from the chest region. These objects are likely to have been biological in origin but were not present for osteoarchaeological analysis having been bagged as artefacts.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	N/P	2	N/P	N/P	N/P	N/P	2	N/P	2	2	2	2	N/P	2	N/P
Period. Dis.	N/P	0	N/R	0	0	0	0	0	0							
E.Hypoplasia	N/P	N/P	0	N/P	N/P	N/P	N/P	0	N/P	0	0	0	0	N/P	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0							
Abscess	N/P	0	0	0	0	0	0	0	0							
Caries	N/P	N/P	2	N/P	N/P	N/P	N/P	0	N/P	0	0	0	0	N/P	2	N/P
Calculus	N/P	N/P	1	N/P	N/P	N/P	N/P	1	N/P	1	1	1	1	N/P	1	N/P
	N/P	N/P	1	N/P	N/P	N/P	N/P	1	2	1	1	1	1	4	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	N/P	N/P	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	0
Attrition	2	2	2	1	1	1	1	1	2	2	N/P	N/P	1	2	2	2

*Dental Disease**Antemortem Tooth Loss*

SK1059 exhibits antemortem tooth loss of a maxillary 1st molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 17: Medium sized carious lesion present at distal aspect of neck of tooth

Tooth 27: 2 carious lesions present on the medial and distal aspects of the neck of the tooth

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	N/R	N/R	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	N/R	N/R				N/R	N/R			
C6	3, 4	3, 4	4	0				3, 4	0			
C7	3, 4	3	0	0				0	0			
T1	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
L1	No pathological lesions are evident.											
L2												
L3												
L4												
L5												

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of one unnumbered lumbar vertebra.

Joint

SK1059 exhibits pathological lesions indicative of degenerative joint disease and/ or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left Mandibular Condyle
<i>Wrist</i>	Surface porosity, marginal osteophytes	Left distal radius

SK 1059: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, calculus, dental attrition
Vertebral Schmorl's node, Intervertebral osteochondrosis
Joint DJD, osteoarthritis

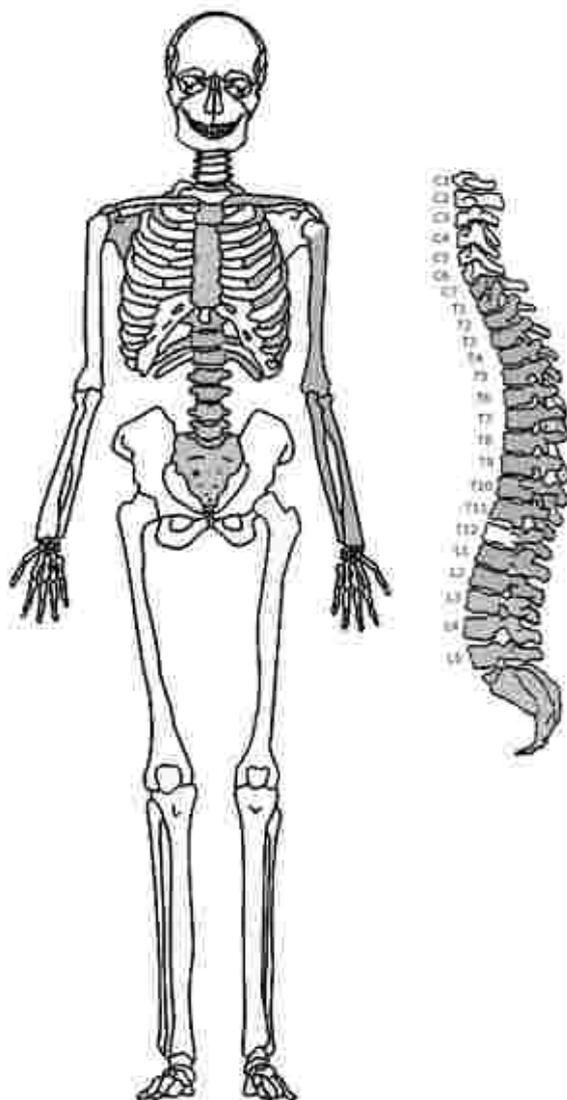
SK 1060**Adult****Sex Not Recordable****Burial Position and Details:**

Plan No: 38E

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both arms were extended. SK1060 was found in association with the find F138: a quartz piece recovered from the left hand.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C7	N/R	N/R	N/R	N/R				4	0			
T1	4	4	0	0	4	N/R	0	3	0	4	0	N/R
T2	N/R	N/R	0	0	N/R	N/R	3	0	0	N/R	N/R	0
T3	0	3	0	0	N/R	0	N/R	0	0	3	3	0
T4	3	3	0	0	3	3	N/R	0	0	3	3	0
T5	3	5	0	N/R	0	0	4	0	N/R	0	0	N/R
T6	5, 3	3	0	N/R	0	4	N/R	N/R	N/R	0	3,4	N/R
T7	3	3, 5	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T8	3, 4	3, 4	4	N/R	0	0	N/R	0	0	0	N/R	N/R
T9	3, 4	3, 4	0	0	0	0	N/R	0	0	0	0	0
T10	4	4	0	4	0			0	0	0		
T11	5	5	0	N/R	3, 4			0	N/R	3, 4		
T12	5	5	0	N/R	4			N/R	N/R	N/R		
L1	5, 3	5, 3	0	0				0	4			
L2	5, 4, 3	3, 4	N/R	N/R				0	0			
L3	3	N/R	N/R	N/R				0	0			
L4	N/R	N/R	N/R	N/R				0	3			
L5	N/R	N/R	0	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T11, L1 and L2.

Schmorl's nodes of marked expression are present at the vertebral bodies of T5, T6 and T12.

Joint

SK1060 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

Joint	Lesion Type(s)	Affected Skeletal Element(s)
Ribs	Surface porosity, marginal osteophytes	2x Left Costal Facets Left 11 th and 12 th rib head

SK 1060: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis

Joint Osteorthritis

SK 1062

Middle Adult

Male: 163cm

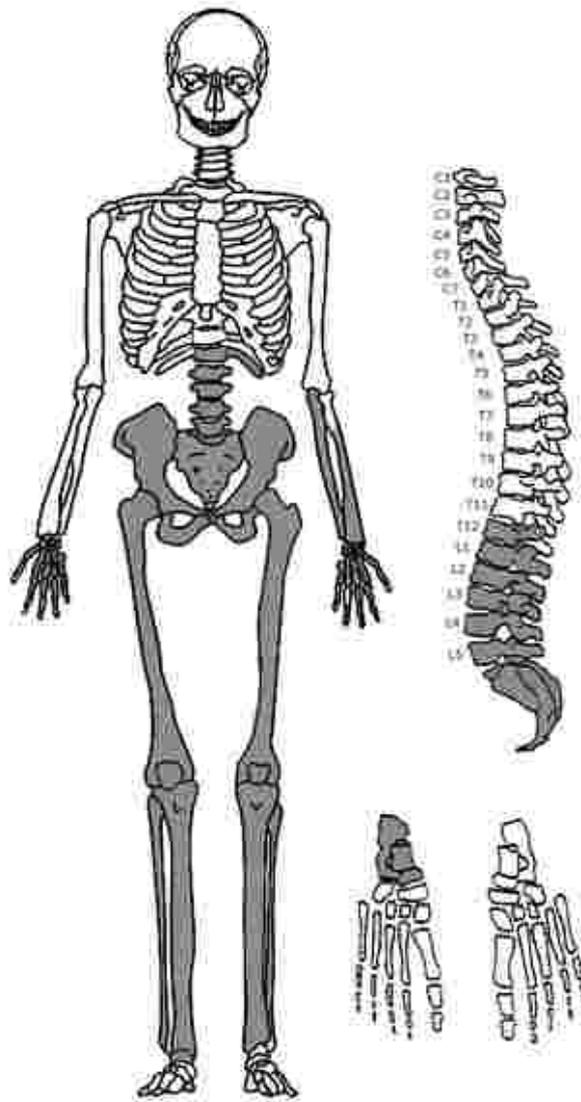
Burial Position and Details:

Plan No: 37K

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T12	5	0	0	0	3, 4			0	0	0		
L1	0	3, 4	0	0				0	0			
L2	3	3	0	0				0	0			
L3	3, 4	3	0	N/R				0	0			
L4	3	3, 4	0	0				0	0			
L5	4	4	0	0				4	0			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of T12.

Joint

SK1062 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hip</i>	Periarticular resorptive foci	Right Acetabulum

Congenital

Supernumerary Vertebra

S6 is present.

SK 1062: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes, Intervertebral osteochondrosis
Joint DJD
Congenital Supernumerary vertebra

SK 1064

Adult

Sex Not Recordable

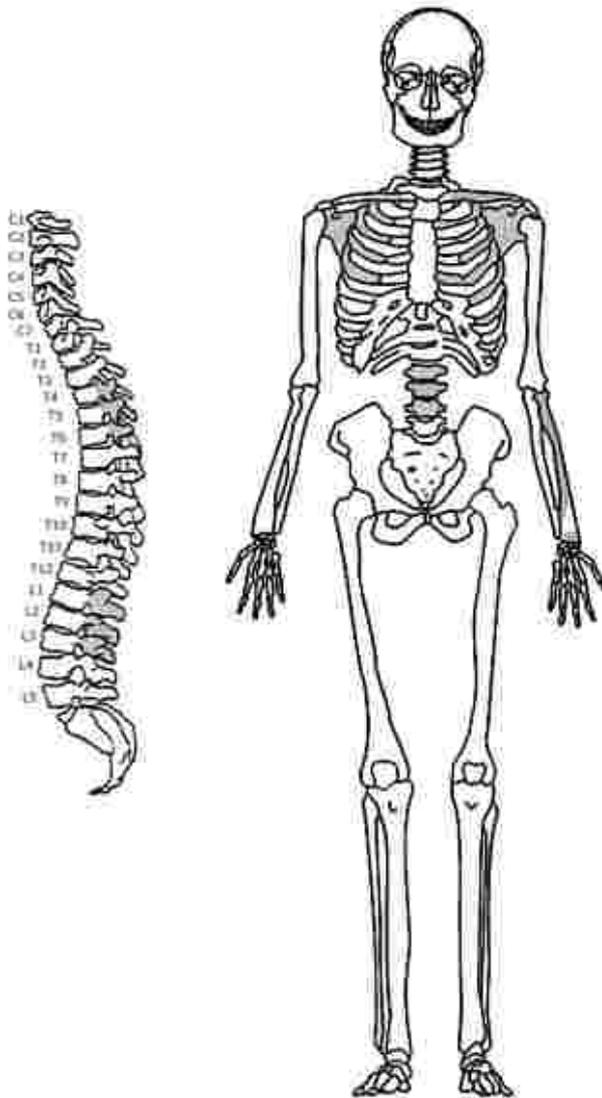
Burial Position and Details:

Plan No: 41C

Area No: 26

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The left arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 1064: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1066

Young Adult

Probable Female

Burial Position and Details:

Plan No: 38E

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and poor preservation. Both arms were extended with the hands positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Calculus	N/P	2	2	1	1	2	2	2	2	2	1	1	1	1	1	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	N/P	0	0	0	0	1	1	1	1	1	0	0	0	1	2	N/P
Attrition	N/P	0	2	0	0	0	1	1	1	1	1	0	1	2	2	N/P

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Tooth 38 and 48 are missing congenitally.

Overcrowding of the mandibular teeth has resulted in slight medial rotation of Tooth 33 and 43 by approximately 25° and 50° respectively.

SK 1066: Palaeopathological Summary and Differential Diagnoses

Dental Congenitally absent 3rd molars, calculus, dental attrition ,overcrowding
Congenital Absent 3rd molars

SK 1067

Adult

Probable Male

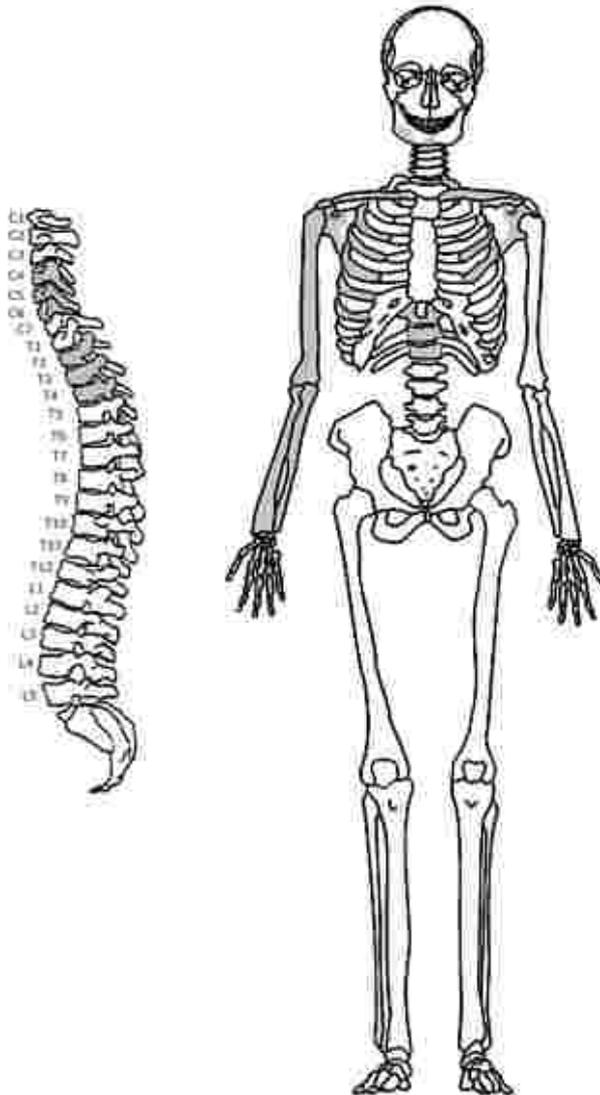
Burial Position and Details:

Plan No: Not specified

Area No: 25

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	2	2	2	2	2	2	2	2	2	N/P	N/P	N/P	2	2
Calculus	1	1	N/R	N/P	N/P	N/P	N/R	N/R								
Caries	0	0	N/R	N/P	N/P	N/P	N/R	N/R								
Abscess	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/P	N/P	N/P	N/R	N/R
Cyst	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/P	N/P	N/P	N/R	N/R
E.Hypoplasia	0	0	N/R	N/P	N/P	N/P	N/R	N/R								
Period. Dis.	0	0	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/P	N/P	N/P	N/R	N/R
Attrition	1	1	N/R	N/P	N/P	N/P	N/R	N/R								

SK 1067: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 1068

Middle Adult Male

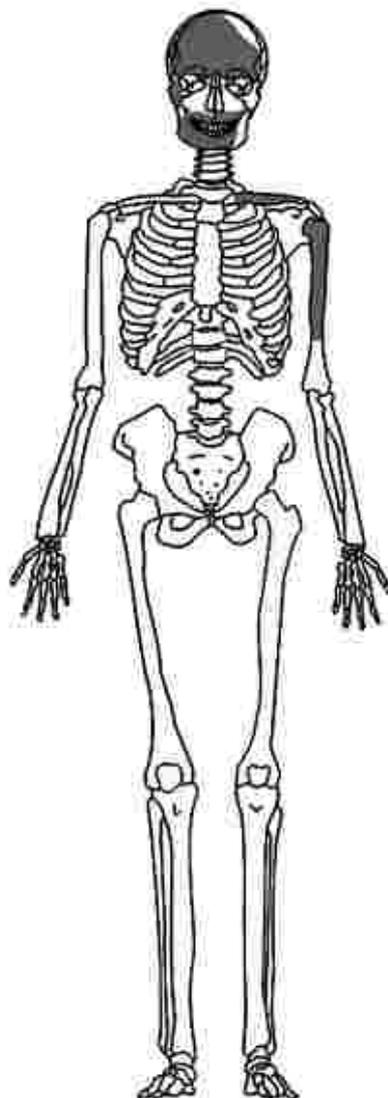
Burial Position and Details:

Plan No: 38C

Area No: 24

Burial position not specified. SK1068 was found in association with the find F137: a piece of pottery.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Taphonomy: SK1068 is affected by oxidisation

Dentition

Attrition	N/P	N/P	2	1	1	1	2	2	2	1	1	1	1	N/R	2	1
Period. Dis.	N/P	N/P	N/R	N/R	1	N/R	1	N/R	1	1	1	1	1	N/R	1	1
E.Hypoplasia	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Cyst	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Abscess	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Caries	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	N/R	3	0
Calculus	N/P	N/P	2	1	1	1	0	0	1	1	1	1	1	N/R	1	1
	N/P	N/P	1	1	1	1	1	1	1	1	1	1	1	2	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
Calculus	2	2	2	2	2	2	2	N/R	2	21	2	2	2	2	2	1
Caries	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	0
Period. Dis.	1	1	1	1	1	1	1	N/R	1	1	1	1	1	1	1	1
Attrition	1	3	3	1	1	1	1	N/R	2	1	1	1	1	3	2	2

*Dental Disease**Caries*

Tooth 27: A large carious lesion is present on the mesial aspect of the tooth crown.

Cranial Pathology*Metabolic**Cribra Orbitalia (CO)*

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate and middle-medial sector of the right orbital roof.

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures and near the bosses of the parietals. The activity pattern is mixed but appears to be healing at the time of death.

SK 1068: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition
Metabolic Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis , CO

SK 1070

Young Adult

Male: 174.1cm

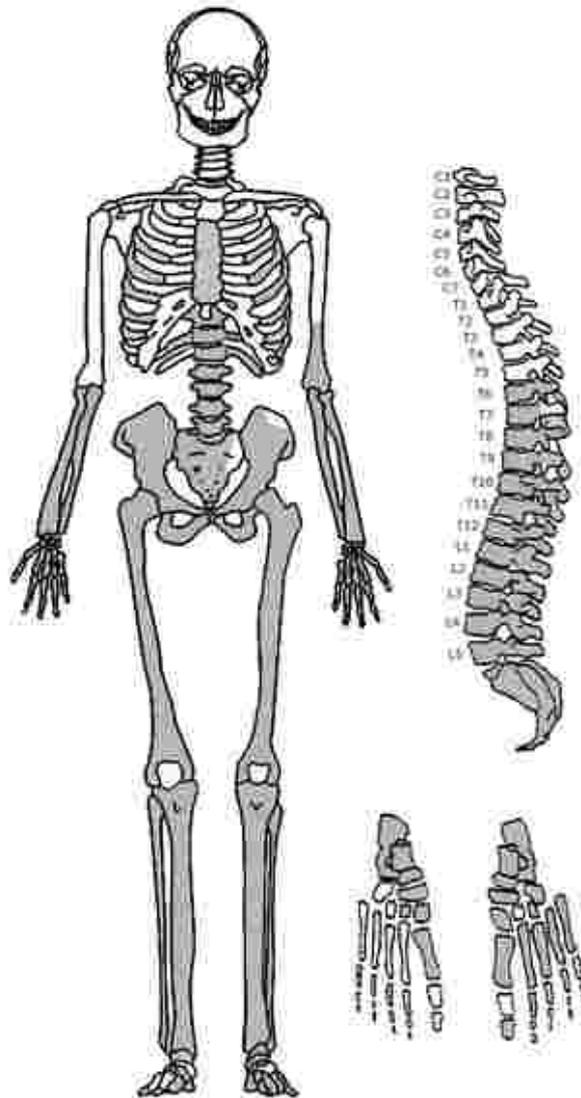
Burial Position and Details:

Plan No: 38A

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. Both legs were extended and raised slightly at the knee with the feet together. SK1070 was found in association with a quartz piece recovered from between the legs.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Taphonomy: SK1070 is heavily affected by oxidisation

Post Cranial Pathology

Infection

Bone Inflammation: Possible Osteitis

SK1070 exhibits a possible endosteal reactive lesion at the left 3rd intermediate hand phalanx. Reactive bone deposits in the form of sclerotic bone are present at the dorsal aspect of the proximal articular surface. An associated probable sinus is also observable at the joint surface indicating endosteal involvement. Sclerosis of this lesion indicates healing took place before the time of death.

Congenital

Cleft Neural Arch Defect

Cleft neural arch defect present at the level of the fourth sacral segment (S4).

SK 1070: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: osteitis
Congenital Cleft Neural Arch Defect

SK 1071	Old Adult	Female: 159.8cm
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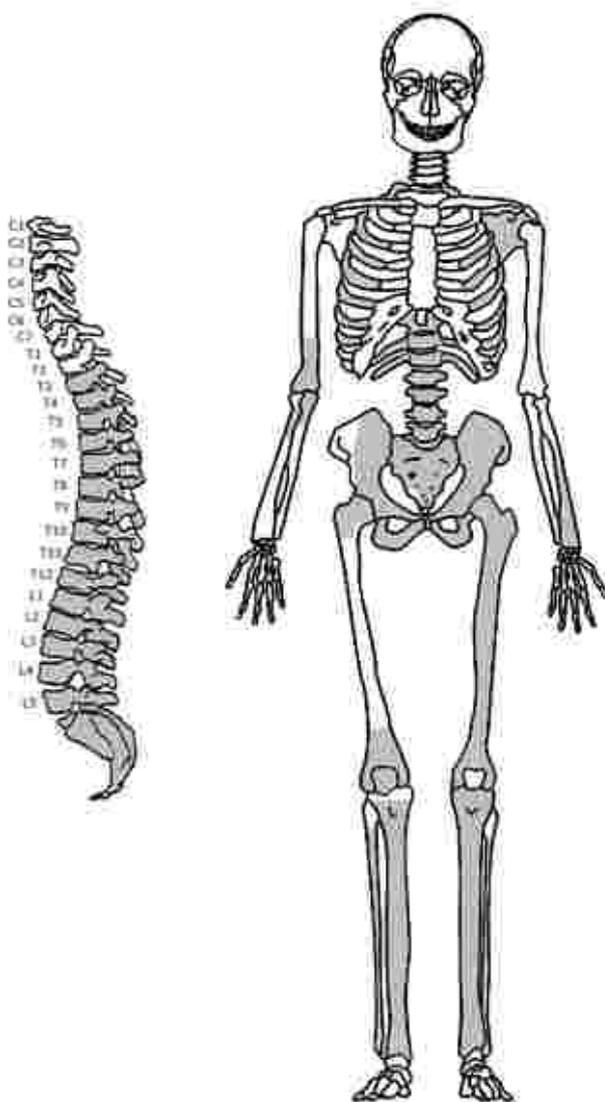
Burial Position and Details:

Plan No: 370

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The left arm was flexed at the elbow crossing the ribs. The right arm was extended with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

SK 1071: Palaeopathological Summary and Differential Diagnoses

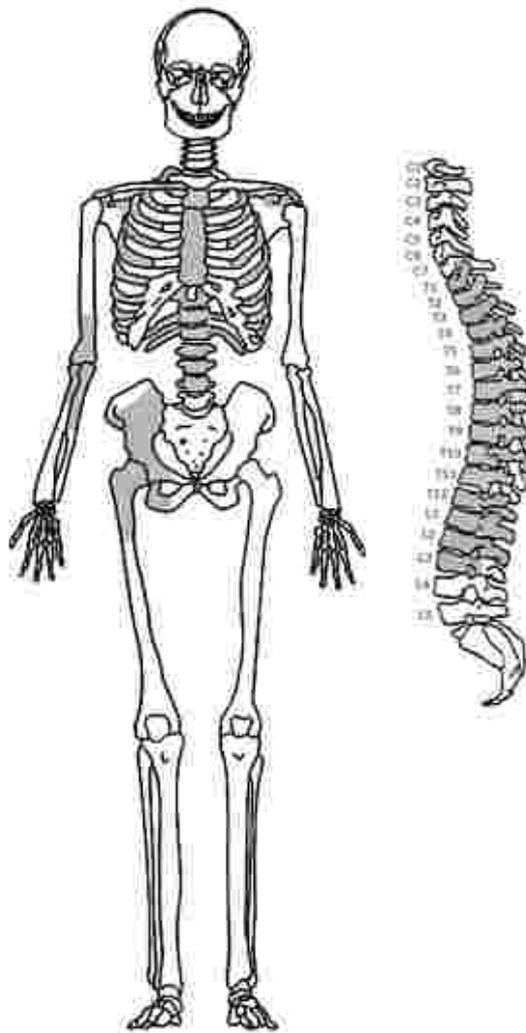
Vertebral Inter

SK 1073**Middle Adult Female****Burial Position and Details:**

Plan No: 37G

Area No: 21

SW-NE orientation; simple, extended supine burial of moderate completeness and moderate preservation. The right arm was flexed at the elbow crossing the pelvis with the right hand positioned over the right leg.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Joint

SK 1073 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes, eburnation	2x Left Costal Facets

SK 1073: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis

SK 1078

Old Adult

Probable Female

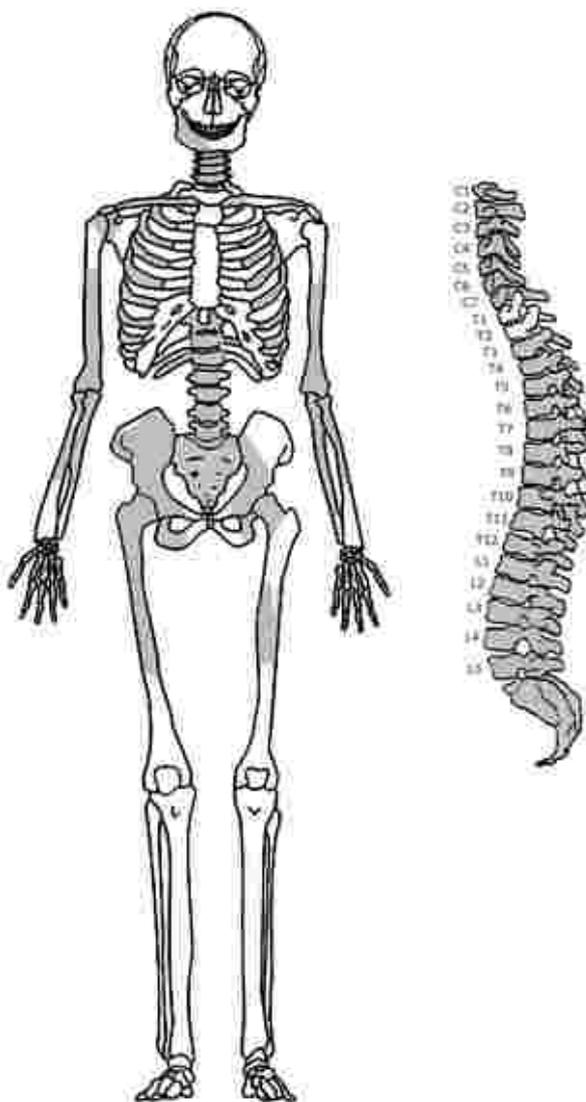
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	N/P	2	0	1	N/P	N/P	1	N/P							
Period. Dis.	N/P															
E.Hypoplasia	N/P	N/P	0	0	0	N/P	N/P	0	N/P							
Cyst	N/P															
Abscess	N/P															
Caries	N/P	N/P	0	1	0	N/P	N/P	0	N/P							
Calculus	N/P	N/P	1	1	0	N/P	N/P	2	N/P							
	N/P	N/P	1	1	1	N/P	N/P	1	N/P							
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	4	1	1	N/P										
Calculus	N/P	1	N/P	1	1	N/P										
Caries	N/P	0	N/P	0	0	N/P										
Abscess	N/P	0	0	0	0	N/P										
Cyst	N/P	0	0	0	0	N/P										
E.Hypoplasia	N/P	0	N/P	0	0	N/P										
Period. Dis.	N/P	1	0	2	N/R	N/P										
Attrition	N/P	2	N/P	1	2	N/P										

*Dental Disease**Antemortem Tooth Loss*

SK1078 exhibits antemortem tooth loss of a mandibular 1st molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 15: Small carious lesion present on medial aspect of neck of tooth

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	0	0	0	3, 4				0	0			
C3	0	0	3, 4	3				0	0			
C4	3, 4	3	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				N/R	0			
T1	0	0	0	0	N/R	N/R	0	0	0	3, 4	N/R	N/R
T2	0	0	0	0	N/R	4	N/R	0	0	N/R	N/R	N/R
T3	0	0	0	0	0	4	0	0	0	0	4	0
T4	0	3	0	0	0	4	N/R	0	0	N/R	N/R	N/R
T5	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T6	5 thoracic vertebral fragments; present on one of these is intervertebral osteochondrosis. Abnormal bone loss and pitting evident on the inferior posterior surface affecting the trabecular bone and <1/3 of the vertebral body which is present for analysis. Boundaries are clearly present but there is no sclerosis or reactive bone present. The remaining 4 thoracic vertebrae have no pathological lesions evident.											
T7												
T8												
T9												
T10												
T11												
T12												
L1	5	5	N/R	N/R				N/R	N/R			
L2	3, 4	4	N/R	N/R				0	N/R			
L3	3, 4	3, 4	N/R	N/R				N/R	N/R			
L4	3, 4	0	N/R	0				N/R	0			
L5	3, 4	0	0	0				3	0			

Schmorl's Nodes

Schmorl's nodes of mild and marked expression are present at the inferior and superior vertebral body of L1 respectively.

Intervertebral Osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of one unnumbered thoracic vertebra and L2, L3 and L4 in the form of surface pitting and vertical syndesmophyte formation at the rim of the affected vertebral bodies.

Joint

SK1078 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Right Humeral Head and glenoid fossa
<i>Hand</i>	Marginal osteophytes	Left 1 st proximal phalanx
<i>Hip</i>	Periarticular resorptive foci	Right Acetabulum

SK 1078: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis
<i>Joint</i>	DJD

SK 1079**Young Adult****Indeterminate Sex: 161.1cm****Burial Position and Details:**

Plan No: 41C

Area No: 26

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the right side. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended. SK1079 was found in association with the find F154: a possible bead recovered from the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	0	1	2	1	1	2	2	2	2	2	2	2	1	1	2	1	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	N/P
Calculus	N/P	0	0	1	1	1	1	1	N/P	1	1	1	1	0	1	1	N/P
Caries	N/P	0	0	0	0	0	0	0	N/P	0	0	0	0	2	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	N/P
E.Hypoplasia	N/P	0	1	0	0	0	0	0	N/P	0	0	0	0	1	0	0	N/P
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Attrition	N/P	1	2	1	1	2	2	2	N/P	2	2	1	0	1	1	1	N/P

Dental Disease

Caries, Abscess, Cyst

Tooth 16; Medium-sized carious lesion present at the crown of the tooth penetrating the pulp cavity; approx 50% of the tooth has been eroded by this lesion; associated with large abscess at the base of the root of Tooth 16

Tooth 36: Medium-sized carious lesion present at the crown of the tooth penetrating the pulp cavity; approx 50% of the tooth has been eroded by this lesion; associated with large cyst at the base of the root of Tooth 36

Enamel Hypoplasia

Tooth 16: 1 hypoplastic groove present; 3.56mm from the cemento-enamel junction

Tooth 26: 1 hypoplastic groove present; 3.57mm from the cemento-enamel junction

Tooth 36: 1 hypoplastic groove present; 4.21mm from the cemento-enamel junction

Tooth 46: 1 hypoplastic groove present; 4.17mm from the cemento-enamel junction

Congenital Abnormalities of the Teeth/ Jaws

A diastema is present between Tooth 11 and 21 measuring 3.33mm in width. Tooth 38 and 48 are missing congenitally.

Cranial Pathology*Metabolic**Cribra Orbitalia (CO)*

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral middle-lateral and postero-lateral sector of the left orbital roof and the middle-lateral and middle-intermediate sector of the right orbital roof.

Post Cranial Pathology*Congenital**Caudal Border Shift*

There is lumbarisation of T12 and sacralisation of L5.

SK 1079: Palaeopathological Summary and Differential Diagnoses

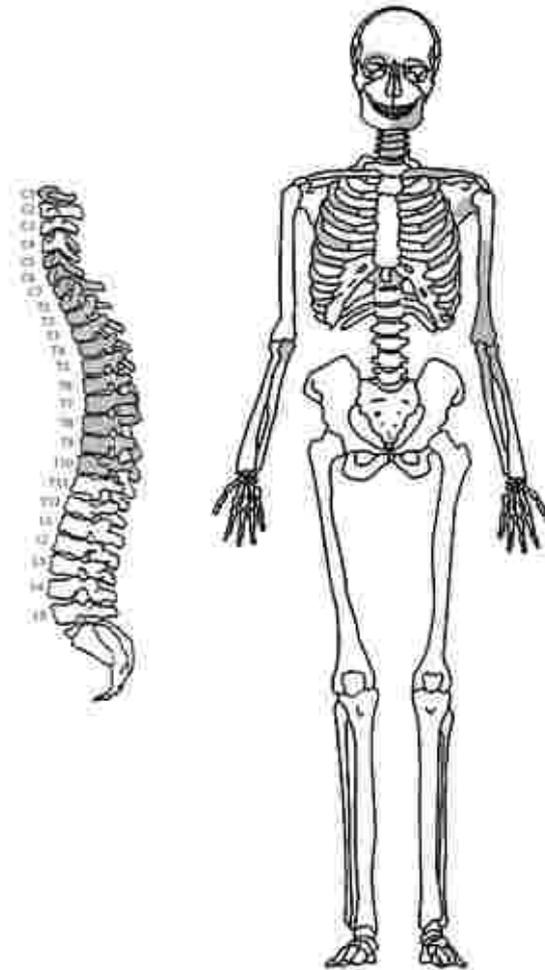
Dental Caries, dental abscess and cyst, calculus, dental attrition, diastema, congenitally absent 3rd molars
Metabolic CO
Congenital Supernumerary rib, Congenitally absent 3rd molars, Caudal Border Shift

SK 1082**Adult****Probable Female****Burial Position and Details:**

Plan No: 50A

Area No: 27

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The skull was positioned facing east. The left arm was extended. SK1082 was found in association with the finds and F145: a hollow metal pin-head recovered from the base of the spine and F146: a charred pot.

Visual Inventory**Preservation**

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	2	2	2	4	4	4									
Calculus	N/P															
Caries	N/P															
Abscess	N/P	0	0	0	0	0	0									
Cyst	N/P	0	0	0	0	0	0									
E.Hypoplasia	N/P															
Period. Dis.	N/P	0	0	0	3	3	3									
Attrition	N/P															

Dental Disease

Antemortem Tooth Loss

SK1082 exhibits antemortem tooth loss of 3 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Cranial Pathology

Metabolic

Possible Non-specific Stress Indicator: Possible Porotic Hyperostosis

SK1082 exhibits a slightly thickened parietal with no associated porosity. This lesion may be indicative of healed porotic hyperostosis.

SK 1082: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease
Metabolic Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis

SK 1083

Adult

Sex Not Recordable

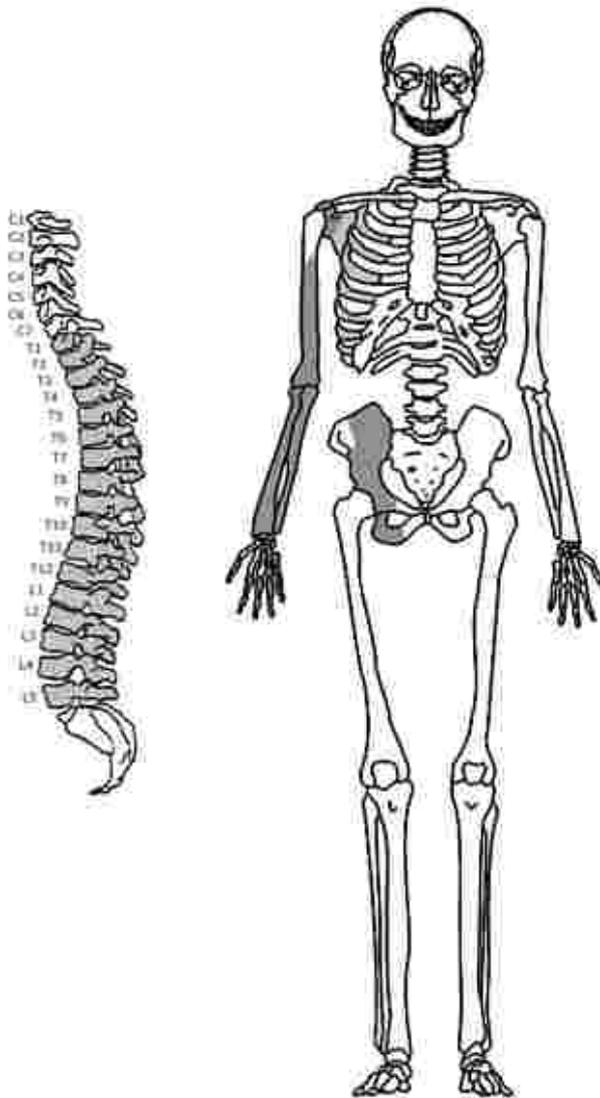
Burial Position and Details:

Plan No: 37A

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The right arm was flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Infection

Reactive Bone Formation

SK1083 exhibits periosteal reactive lesions at 3 unnumbered right ribs. Reactive bone deposits in the form of woven bone are present at the visceral surface of the affected ribs adjacent to the sternal end of the rib bodies.

Joint

SK1083 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, eburnation	1x Right Rib head

SK 1083: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis
Infection Non-specific: reactive bone deposits

SK 1085	Adult	Sex Not Recordable
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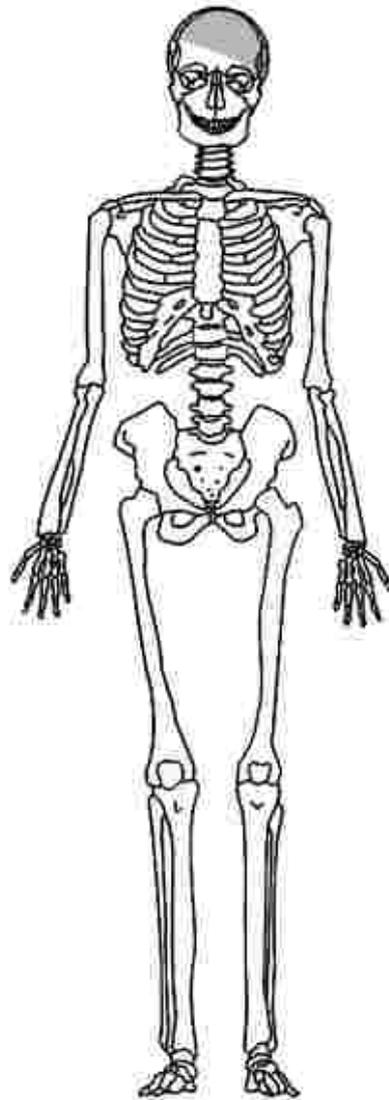
Burial Position and Details:

Plan No: 38C

Area No: 24

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 1085: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1087

Middle Adult

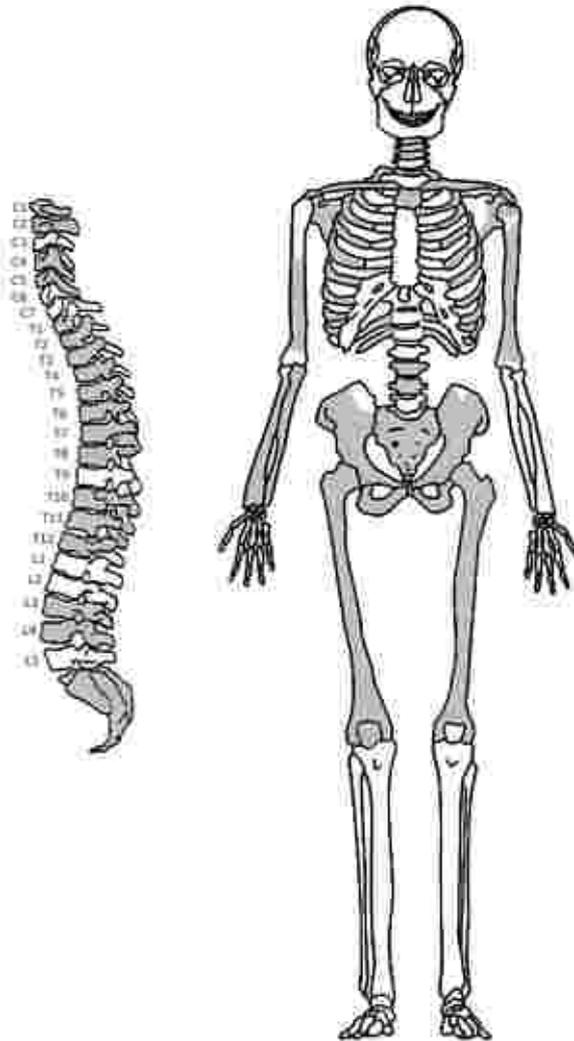
Male: 172.7cm

Burial Position and Details:

Plan No: 35F

Area No: 17/24

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. Both legs were extended and crossing.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Post Cranial Pathology

Trauma

Fracture with secondary traumatic arthritis

A possible spiral fracture is present at the distal shaft of a left intermediate hand phalanx. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in secondary osteoarthritis at the affected interphalangeal joints in the form of sharp ridge lipping (marginal osteophytes), eburnation, surface porosity and periarticular resorptive foci.

Joint

SK1087 exhibits pathological lesions indicative of osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Eburnation	Left 1 st proximal phalanx

SK 1087: Palaeopathological Summary and Differential Diagnoses

Joint Osteoarthritis, Traumatic Arthritis
Trauma Fracture with secondary traumatic arthritis

SK 1089

Adult

Indeterminate Sex

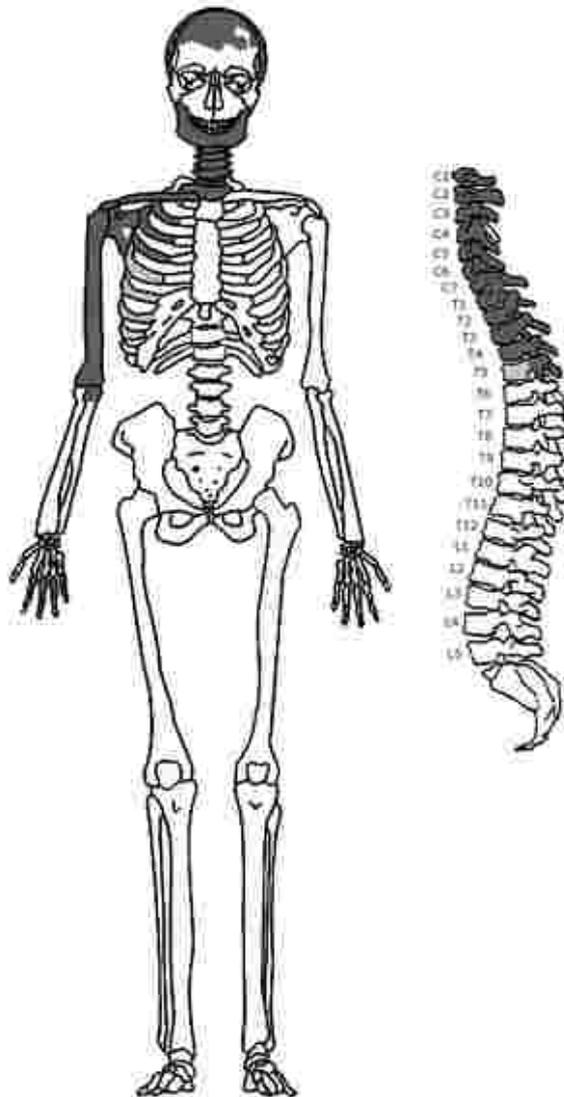
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Dentition

Attrition	N/P	1	N/P	N/P	N/P	N/P	N/P	0								
Period. Dis.	N/P	N/R	N/P	N/P	N/P	N/P	N/P	0								
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	N/P	0								
Cyst	N/P	N/R	N/P	N/P	N/P	N/P	N/P	0								
Abscess	N/P	N/R	N/P	N/P	N/P	N/P	N/P	0								
Caries	N/P	0	N/P	N/P	N/P	N/P	N/P	0								
Calculus	N/P	2	N/P	N/P	N/P	N/P	N/P	1								
	N/P	1	N/P	N/P	N/P	N/P	N/P	1								
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	2	1	1	2	2	2	1	1	1	1	1	1
Calculus	1	1	1	1	N/R	1	1	N/R	N/R	N/R	1	1	1	1	1	1
Caries	0	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	0	0	0	0
Period. Dis.	0	1	0	0	N/R											
Attrition	1	1	2	1	N/R	2	2	N/R	N/R	N/R	1	1	1	1	1	0

Cranial Pathology

Metabolic

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 3 (porosity and coalescing of foramina) PH is exhibited adjacent to the sutures and bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

*Trauma**Blunt-force*

A possible healed depression fracture present at the posterior right parietal. The lesion is circular in shape measuring 22.2mm anterior-posterior and 25.2mm medial-lateral. Extensive healing has occurred at the fracture site obliterating the fracture line.

Post Cranial Pathology*Joint*

SK1089 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Right and left mandibular condyles
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle and acromion process
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head and glenoid fossa

SK 1089: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Calculus, dental attrition
<i>Joint</i>	DJD
<i>Metabolic</i>	Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis
<i>Trauma</i>	Possible Blunt-force cranial trauma

SK 1090

Adult

Sex Not Recordable

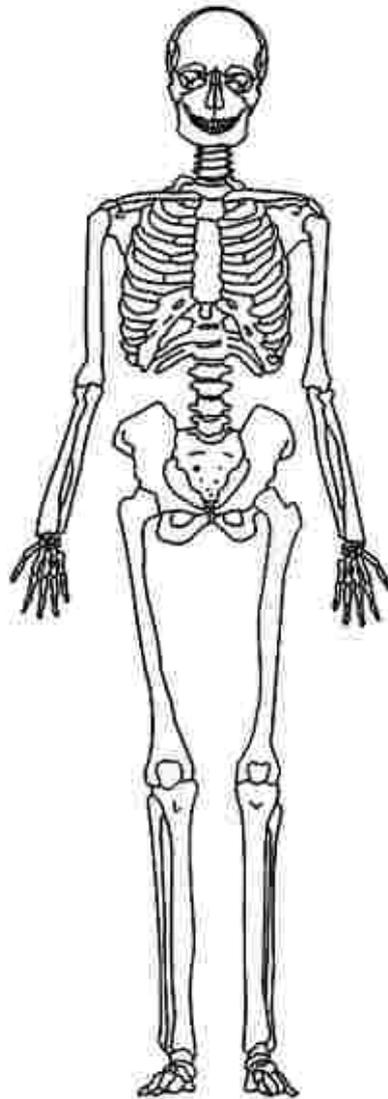
Burial Position and Details:

Plan No: 37K

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1090: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1092

Young Adult

Probable Female

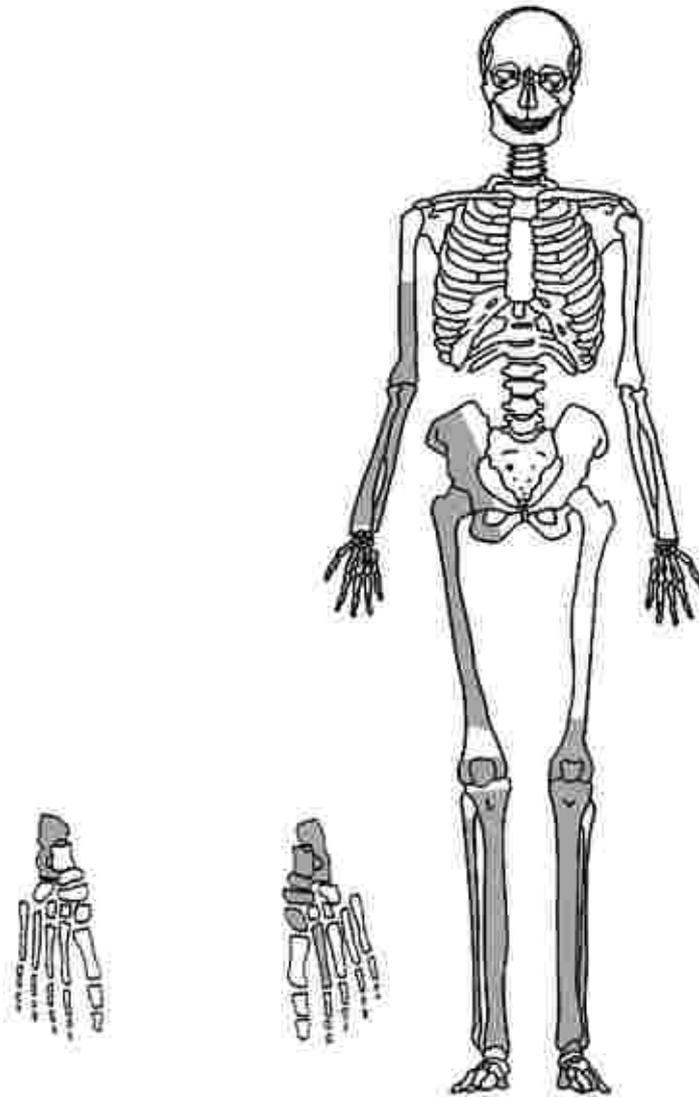
Burial Position and Details:

Plan No: 37G

Area No: 21

NW-SE orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 1092: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1093

Adult

Probable Female: 148cm

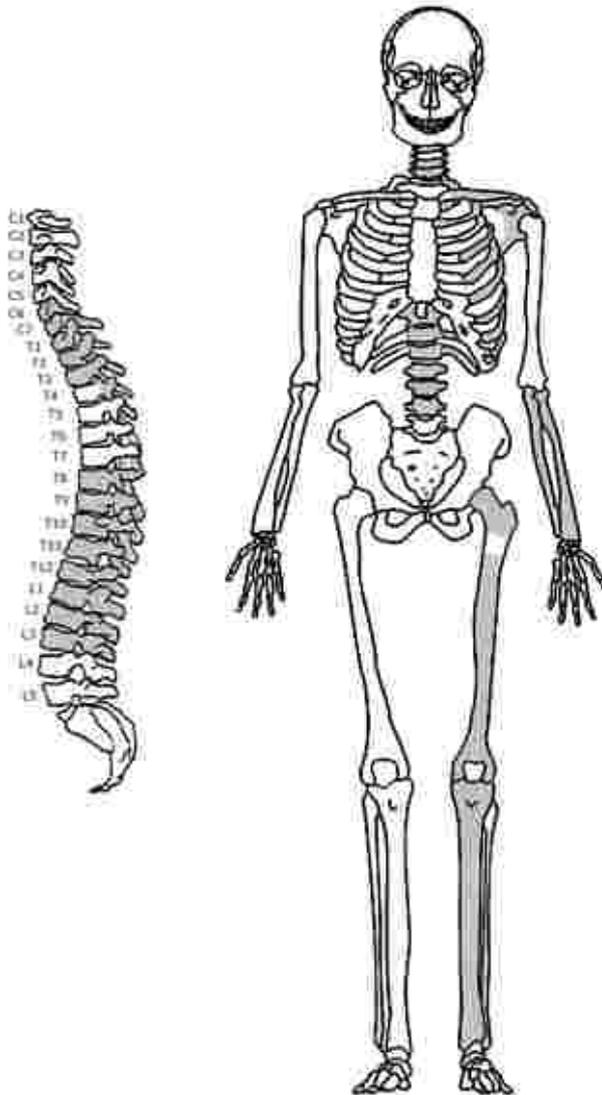
Burial Position and Details:

Plan No: 38A

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1093: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1094	Middle Adult	Female: 153.2cm
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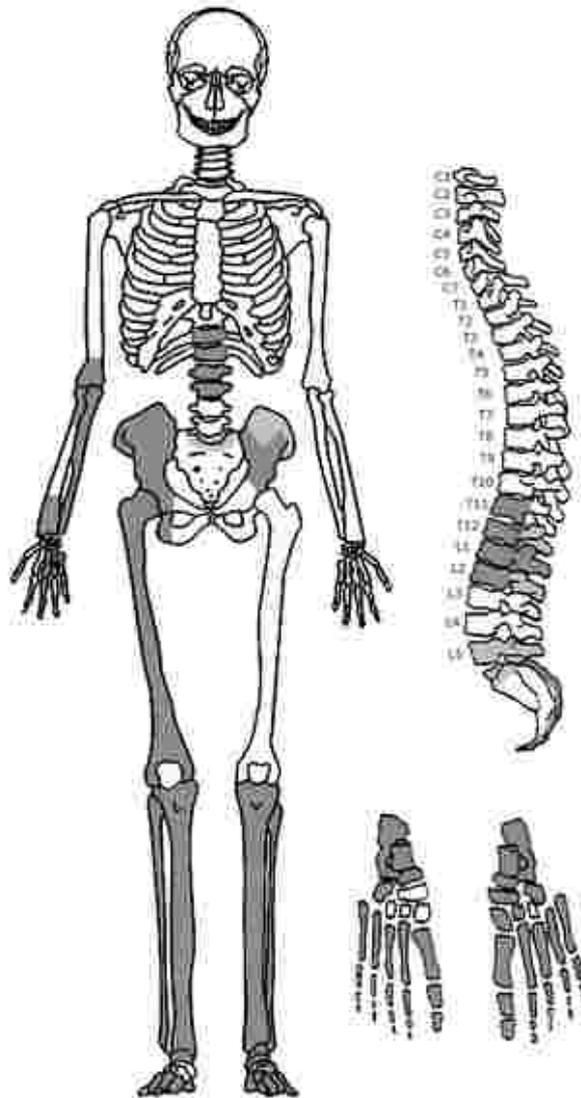
Burial Position and Details:

Plan No: 38A

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T11	0	5	N/R	N/R	0			0	N/R	4		
T12	3, 4	0	N/R	0	4			0	0	4		
L1	0	4	0	0				0	0			
L2	0	0	0	0				N/R	N/R			
L3	N/P	N/P	N/P	N/P				N/P	N/P			
L4	N/P	N/P	N/P	N/P				N/P	N/P			
L5	5	0	0	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T11 and L5.

SK 1094: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 1095

Young Adult

Female: 156cm

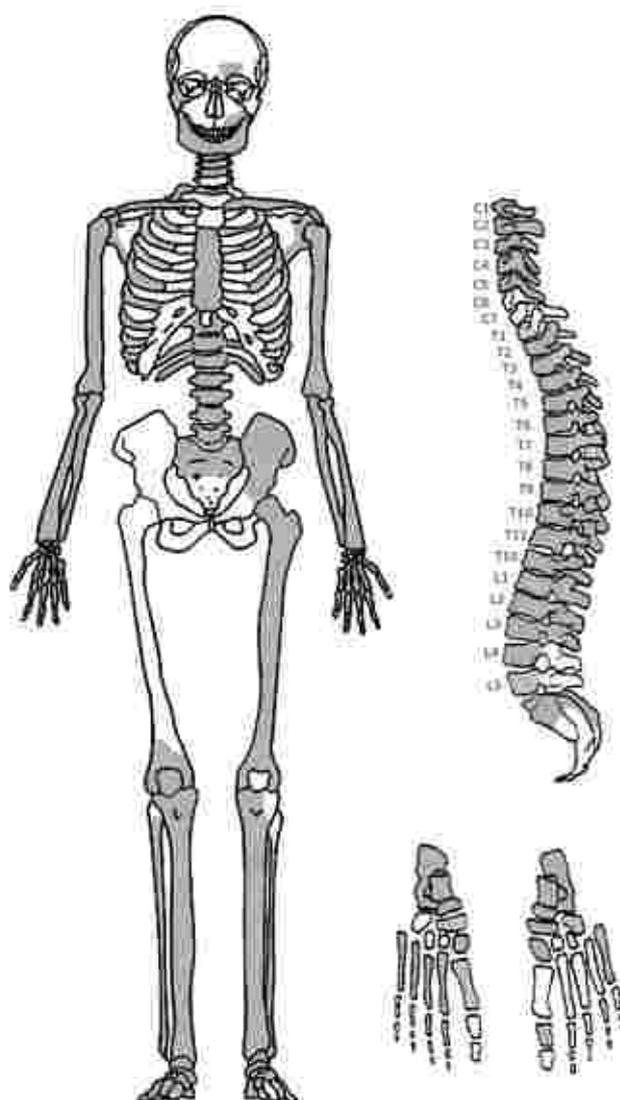
Burial Position and Details:

Plan No: 35A

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and good preservation. The hands positioned over the pelvic region. SK1095 was found in association with a quartz piece recovered from the hands.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	0	0	1	0	0
Period. Dis.	N/P	0	0	0	0	0										
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	0	0	0	0	0
Cyst	N/P	0	0	0	0	0										
Abscess	N/P	0	0	0	0	0										
Caries	N/P	2	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	0	0	0	0	0
Calculus	N/P	1	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	0	0	2	1	1
	N/P	1	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	2	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	N/R	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0
Attrition	0	1	1	0	0	0	1	1	1	N/R	0	0	0	1	1	0

Dental Disease

Caries

Tooth 17: Medium-sized carious lesion present at the mesial aspect of the neck of the tooth.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
T1	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T2	0	0	0	0	0	0	0	0	0	0	N/R	0
T3	0	0	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T4	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	N/R	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	N/R	0	N/R	N/R	0	N/R	0	0	0
T8	0	0	0	N/R	0	0	N/R	0	N/R	0	N/R	N/R
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	5	0	0				0	0			
L2	5	0	0	0				0	0			
L3	5	0	0	0				0	0			
L4	0	N/R	N/R	N/R				N/R	N/R			
L5	N/R	0	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of L1, L2 and L3.

*Trauma**Spiral Fracture*

A possible spiral fracture is present at the mid-shaft of an unsided 5th proximal hand phalanx. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. This fracture has resulted in slight rotation of the fractured end of the bone shaft.

SK 1095: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition
Vertebral Schmorl's nodes
Trauma Spiral Fracture

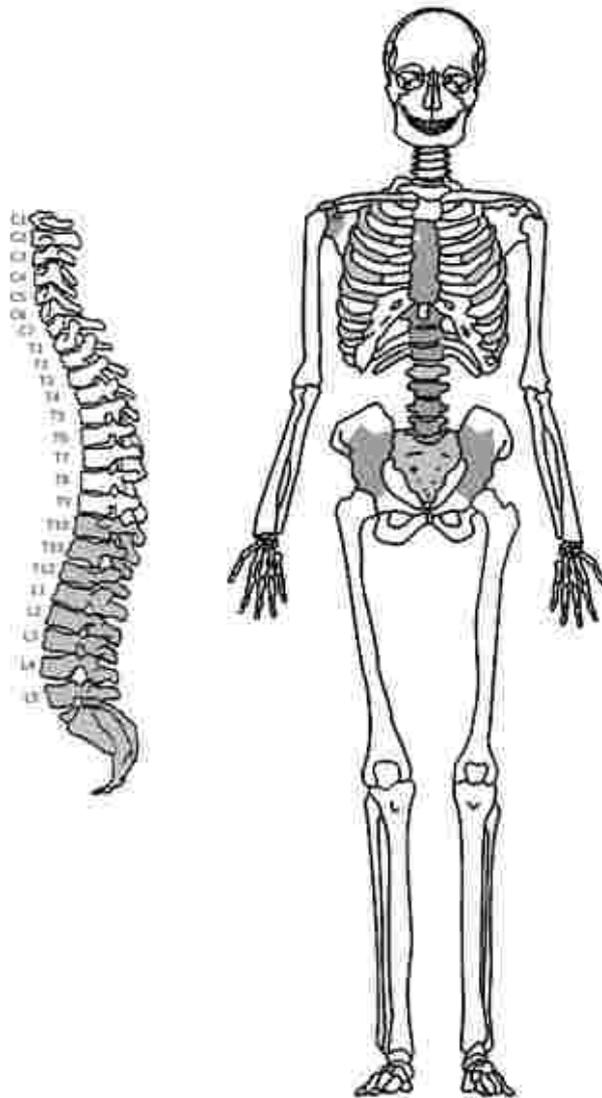
SK 1096**Young Adult****Probable Male****Burial Position and Details:**

Plan No: 49

Area No: 24

NW-SE orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 1096: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1097

Young Adult

Sex Not Recordable : 167.7cm

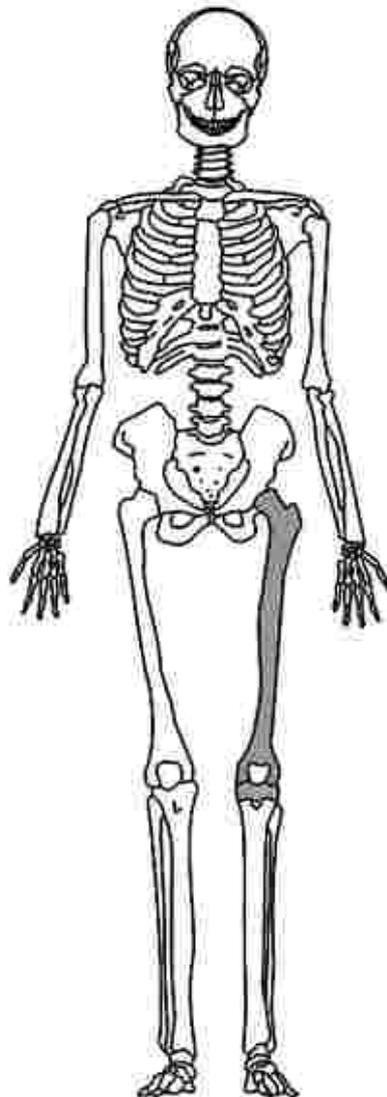
Burial Position and Details:

Plan No: 370

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 1097: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1098	Young Adult	Probable Female
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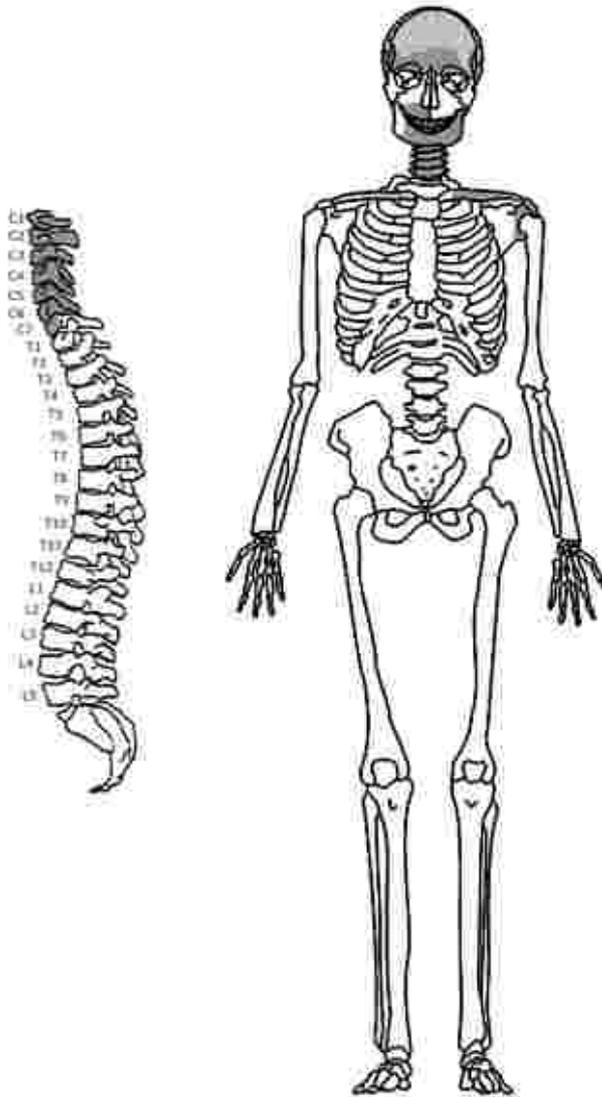
Burial Position and Details:

Plan No: 37G

Area No: 21

.
SW-NE orientation; burial position not specified. Burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	0	N/P	N/R	1	1	1	1	2	2	2	1	1	1	2	1	N/P
Period. Dis.	N/R	N/R	3	2	2	2	2	1	N/R	1						
E.Hypoplasia	0	N/P	N/R	0	0	1	0	1	1	0	1	0	0	1	0	N/P
Cyst	N/R	N/R	0	0	0	0	0	0	N/R	0						
Abscess	N/R	N/R	0	0	0	0	0	0	N/R	0						
Caries	1	N/P	N/R	0	0	0	0	0	0	0	0	0	2	3	2	N/P
Calculus	1	N/P	N/R	0	1	1	1	1	1	1	1	1	0	0	1	N/P
	1	N/R	4	1	1	1	1	1	1	1	1	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
Calculus	1	1	1	1	1	2	2	2	2	2	1	1	1	N/P	1	1
Caries	0	1	0	0	0	0	0	0	0	0	0	0	0	N/P	1	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	1	1	0	0	1	1	0	0	N/P	0	0
Period. Dis.	2	2	2	2	2	2	N/R	N/R	N/R	1	2	2	1	N/R	1	1
Attrition	1	2	2	1	1	1	2	2	2	2	2	1	1	N/P	1	1

Dental Disease

Antemortem Tooth Loss

SK1098 exhibits antemortem tooth loss of a maxillary 1st molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 18: Small carious lesion present at tooth crown

Tooth 47: Small carious lesion present at tooth crown

Enamel Hypoplasia

Tooth 11: 1 hypoplastic groove present; 6.58mm from the cemento-enamel junction

Tooth 13: 1 hypoplastic groove present; 6.26mm from the cemento-enamel junction

Tooth 21: 1 hypoplastic groove present; 6.73mm from the cemento-enamel junction

Tooth 26: 1 hypoplastic groove present; 4.35mm from the cemento-enamel junction

Tooth 32: 2 hypoplastic grooves present; 3.88mm and 5.92mm from the cemento-enamel junction respectively

Tooth 33: 2 hypoplastic grooves present; 4.92mm and 7.41mm from the cemento-enamel junction respectively

Tooth 42: 2 hypoplastic grooves present; 4.24mm and 5.86mm from the cemento-enamel junction respectively

Tooth 43: 1 hypoplastic groove present; 7.45mm from the cemento-enamel junction

SK 1098: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, enamel hypoplasia

SK 1099	Adult	Probable Male: 178.8cm
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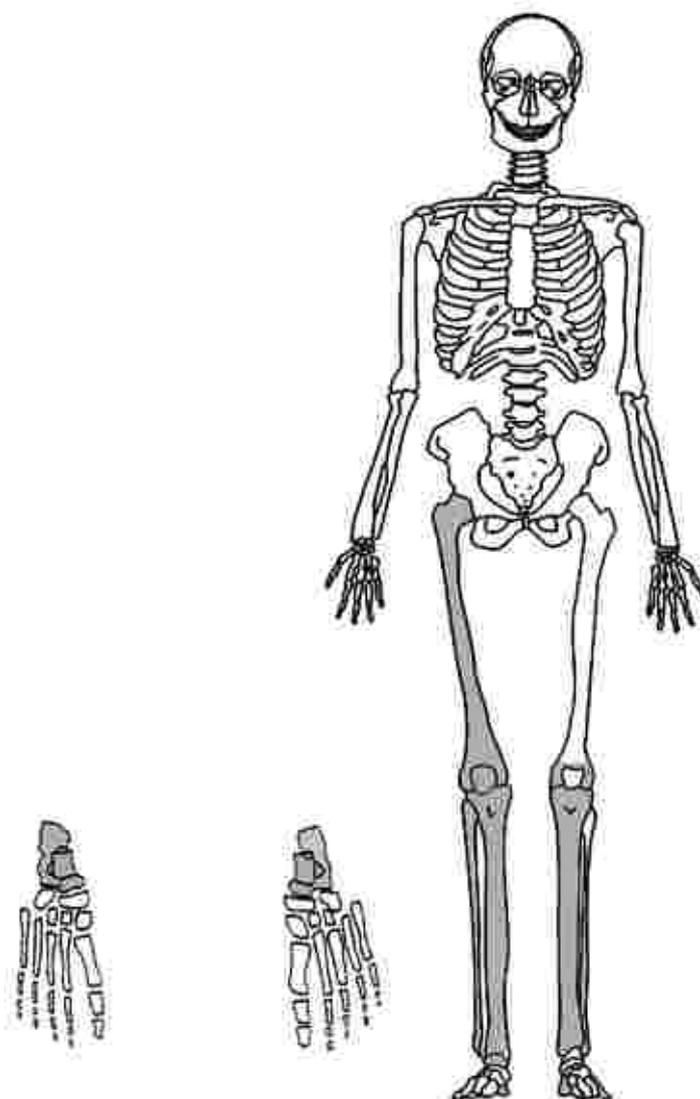
Burial Position and Details:

Plan No: 41B

Area No: 25/26

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Musculo-Skeletal Stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the left tibia inferior to the medial malleolus (i.e. the insertion point of the Sartorius muscle).

SK 1099: Palaeopathological Summary and Differential Diagnoses

Trauma *Musculo-Skeletal Stress*

SK 1102

Adult

Sex Not Recordable

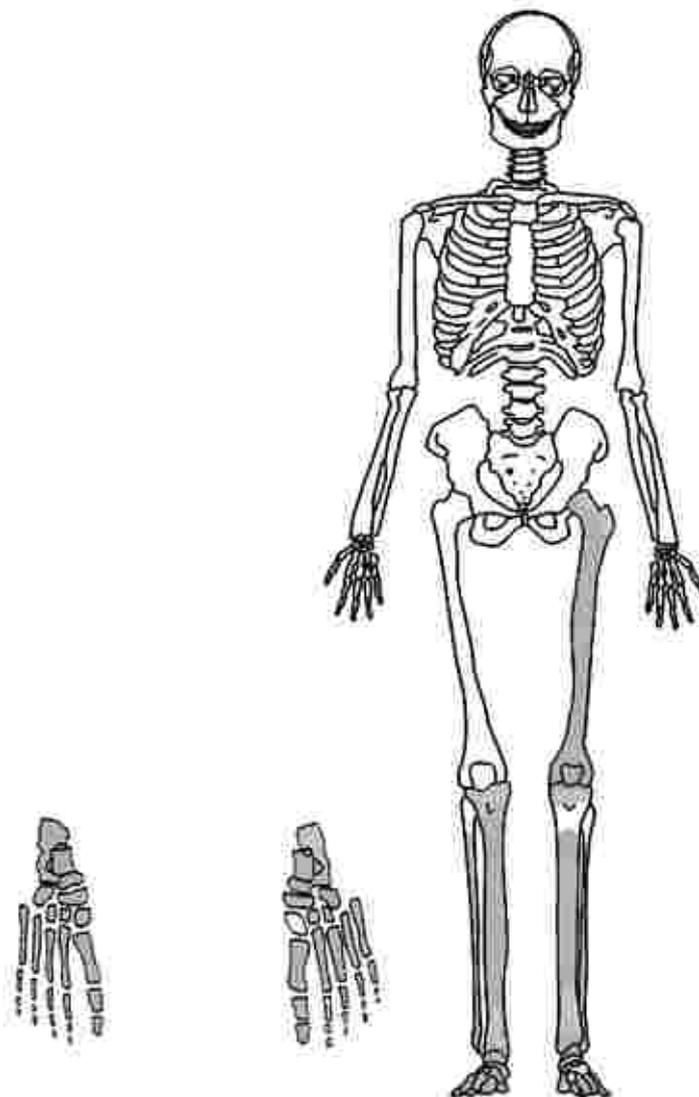
Burial Position and Details:

Plan No: 50B

Area No: 27

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1102: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1103

Young Adult

Female

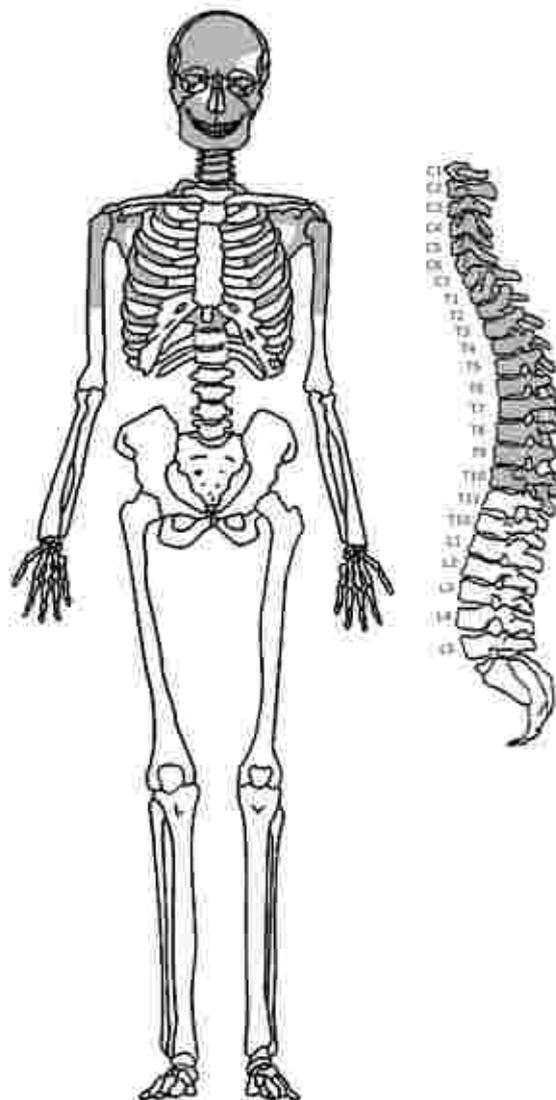
Burial Position and Details:

Plan No: 43D

Area No: 25

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/P	1	2	1	1	2	2	2	2	2	1	1	1	2	1	N/P	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	2	1	N/P	
	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus		1	1	2	1	1	2	2	2	2	2	2	1	1	2	1	1
Caries		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition		1	1	2	1	1	2	2	2	2	2	2	1	1	2	1	1

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the postero-lateral of the left and right orbital roofs.

SK 1103: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Metabolic CO

SK 1104

Adult

Sex Not Recordable

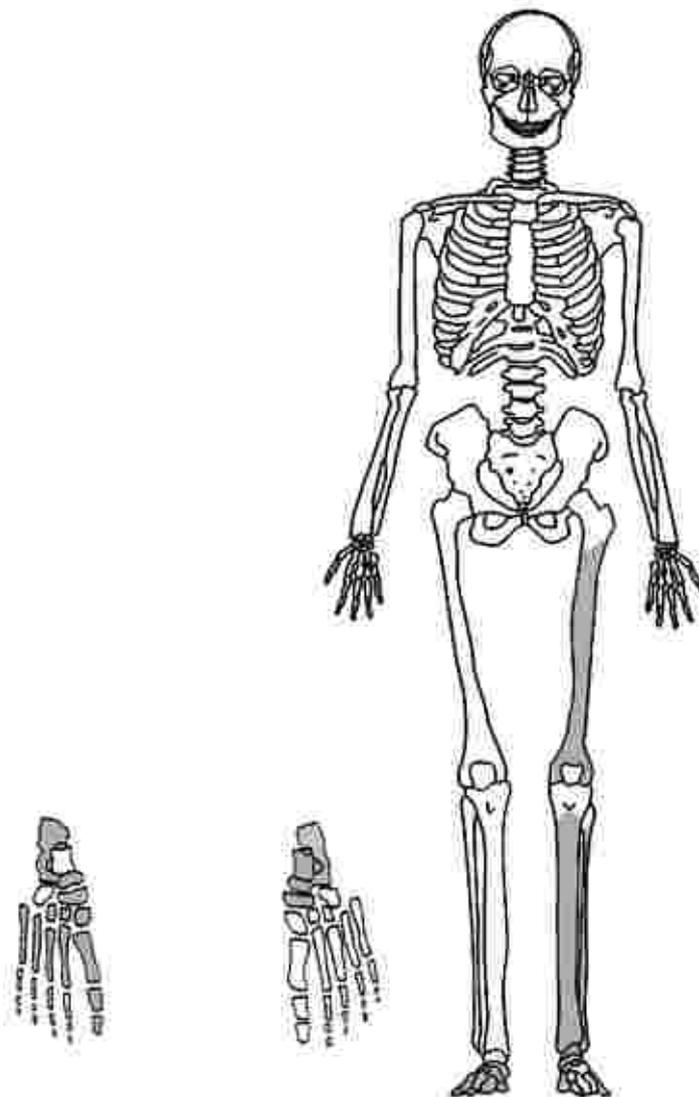
Burial Position and Details:

Plan No: 38A

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Post Cranial Pathology

Joint

SK 1104 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Foot</i>	Marginal osteophytes	Right 1 st distal phalanx

SK 1104: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 1105**Middle Adult****Probable Female: 160.7cm****Burial Position and Details:**

Plan No: 37K

Area No: 21

NW-SE orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the left hand positioned over the pelvic region. The right arm and both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	N/R	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	N/R	N/R
T4	0	0	0	0	0	4	0	N/R	N/R	0	0	0
T5	0	0	0	0	4	4	0	0	0	0	0	N/R
T6	0	0	0	0	0	0	0	0	0	0	0	N/R
T7	0	0	N/R	N/R	0	0	N/R	N/R	N/R	4	4	N/R
T8	0	0	N/R	N/R	4	0	N/R	N/R	N/R	0	0	N/R
T9	4, 3	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	3, 4	4	4	N/R	N/R			0	0	0		
T11	0	0	N/R	N/R	N/R			N/R	N/R	N/R		
T12	4	4	0	0	4			0	0	4		
L1	4	4	0	0				0	0			
L2	4	4	N/R	0				0	0			
L3	4	4	0	0				0	0			
L4	4	4	0	0				0	0			
L5	0	0	0	0				0	0			

Joint

SK 1105 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	3x Left Costal Facets 1x Right Costal Facet

*Congenital**Congenital Fusion*

SK 1105 exhibits congenital fusion of the manubrium and sternal body.

SK 1105: Palaeopathological Summary and Differential Diagnoses

<i>Joint</i>	DJD
<i>Congenital</i>	Congenital Fusion of Sternum

SK 1106

Young Adult

Probable Male

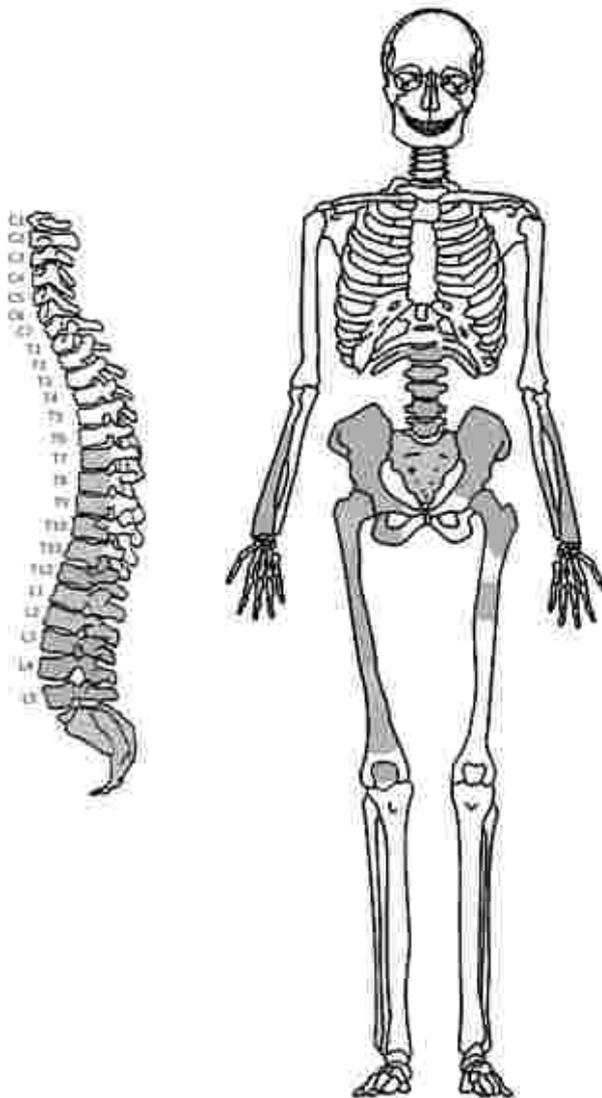
Burial Position and Details:

Plan No: 49A

Area No: 29

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Taphonomy: Green copper staining was noted at the left ulna

SK 1106: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1107**Middle Adult****Female****Burial Position and Details:**

Plan No: 38B

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned facing north. Both arms were extended with the hands positioned over the pelvic region. SK1107 was found in association with find F148: a quartz piece.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	3	2	1	1	N/P	N/P	N/P	N/P	N/P	1	1	2	2	2	N/P
Period. Dis.	N/P	2	2	2	2	0	3	3	3	0	1	2	2	2	2	N/P
E.Hypoplasia	N/P	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	1	1	0	0	0	0	0	0	0	0	0	0	1	0	N/P
Caries	N/P	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	N/P
Calculus	N/P	1	2	1	1	N/P	N/P	N/P	N/P	N/P	1	1	1	2	2	N/P
	N/P	1	1	1	1	2	4	4	4	2	1	1	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	1	2	2	1	2	1	1	1	1	2	1	N/P
Calculus	N/P	1	1	1	1	N/P	N/P	2	N/P	2	2	2	2	N/P	1	N/P
Caries	N/P	0	0	0	0	N/P	N/P	0	N/P	0	0	0	0	N/P	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	N/P	N/P	0	N/P	0	0	0	0	N/P	0	N/P
Period. Dis.	N/P	2	2	0	0	N/R	N/R	N/R	N/R	0	0	0	0	2	2	N/P
Attrition	N/P	2	2	1	1	N/P	N/P	1	N/P	2	1	1	1	N/P	3	N/P

Dental Disease

Antemortem Tooth Loss

SK1107 exhibits antemortem tooth loss of 3 maxillary incisors. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Abscess

Tooth 17: Attrition has lead to exposure of pulp cavity; abscess present at apex of medial tooth root

Tooth 18: Abscess present at apex of medial tooth root

Tooth 26: Abscess present at apex of distal tooth root

Congenital Abnormalities of the Teeth/ Jaws

Tooth 28, 38 and 48 are missing congenitally.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 4 (foramina linked in trabecular structure) CO is exhibited in the antero-intermediate and middle-lateral sector of the left orbital roof.

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures and bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern is healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				0	0			
C2	3	4	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	3, 4	0	0				0	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	0	0	3, 4	0	3, 4	0	0	4	0	3, 4	0	0
T2	0	0	3, 4	0	0	0	0	N/R	0	0	0	0
T3	0	4	0	0	0	0	0	0	0	0	N/R	N/R
T4	4	4	0	0	0	N/R	0	0	0	0	N/R	0
T5	4	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T6	3, 4	3, 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	3, 4	3, 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T8	3, 4	3, 4, 5	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T9	3, 4, 5	3, 4, 5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	3, 5	4, 5	N/R	N/R	N/R			N/R	N/R	0		
T11	3	3, 5	N/R	N/R	0			N/R	N/R	0		
T12	3	5	N/R	N/R	0			N/R	N/R	0		
L1	3, 4, 5	3, 4, 5	N/R	N/R				N/R	N/R			
L2	3, 4, 5	3, 4, 5	N/R	N/R				N/R	N/R			
L3	3, 4, 5	3, 4, 5	N/R	N/R				N/R	N/R			
L4	3, 4, 5	3, 4, 5	N/R	N/R				N/R	N/R			
L5	0	0	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T9, T10, T11, T12, L2, L3 and L4. A Schmorl's node of moderate expression is present at the vertebral bodies of T8 whilst Schmorl's nodes of marked expression are observable at the vertebral bodies of L1 and L2.

Infection

Reactive Bone Formation

SK 1107 exhibits healed periosteal lesions at the sacrum. Reactive bone deposits in the form of sclerotic bone are present at sacral body fragment and the anterior aspect of the body of S3. Sclerosis of these lesions indicates healing took place before the time of death.

Joint

SK 1107 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Left Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	4x Right Costal Facets
<i>Elbow</i>	Surface porosity	Right proximal ulna and radius

SK 1107: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, dental abscess, periodontal disease, calculus, dental attrition, congenitally absent 3 rd molars
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD
<i>Joint</i>	DJD
<i>Metabolic</i>	Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis , CO
<i>Infection</i>	Non-specific: reactive bone deposits

SK 1108

Adult

Probable Female: 154.5cm

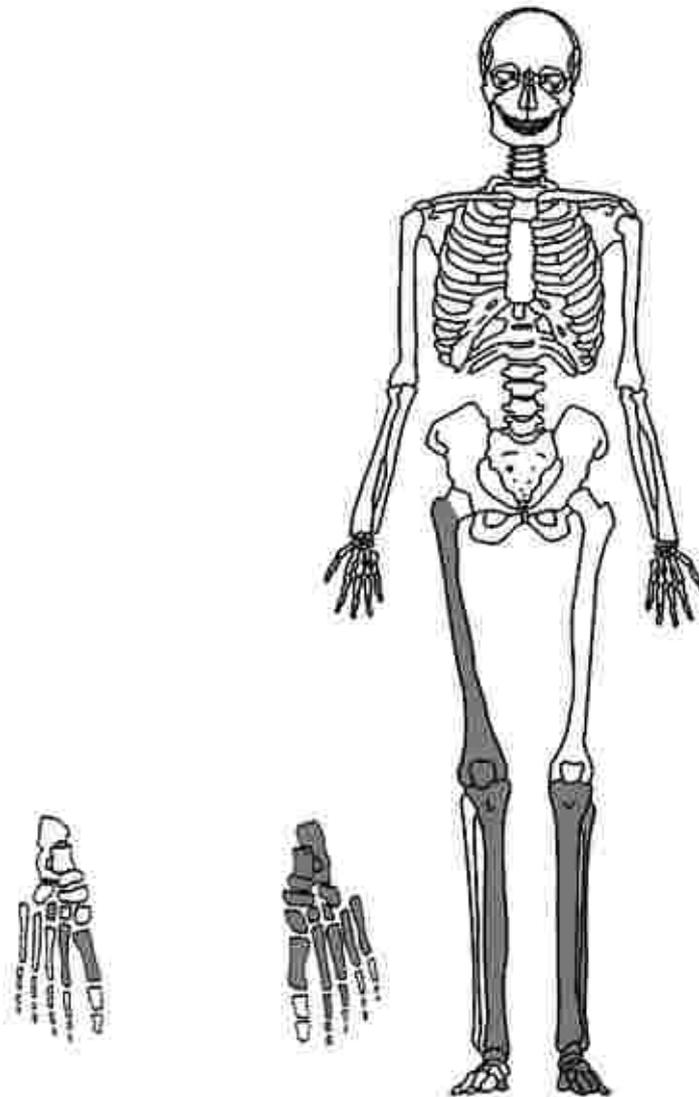
Burial Position and Details:

Plan No: 38D

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 1108: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1109

Adult

Probable Male

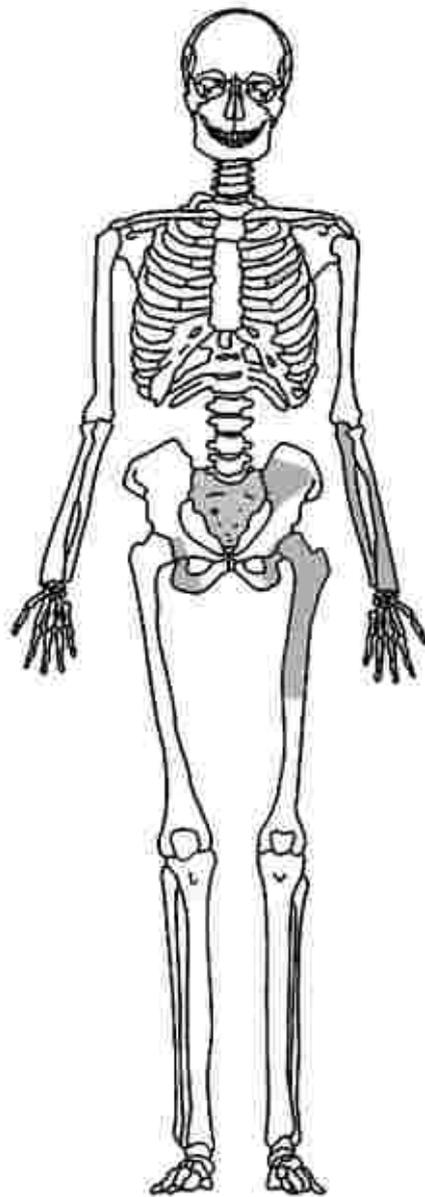
Burial Position and Details:

Plan No: 371

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

SK 1109: Palaeopathological Summary and Differential Diagnoses

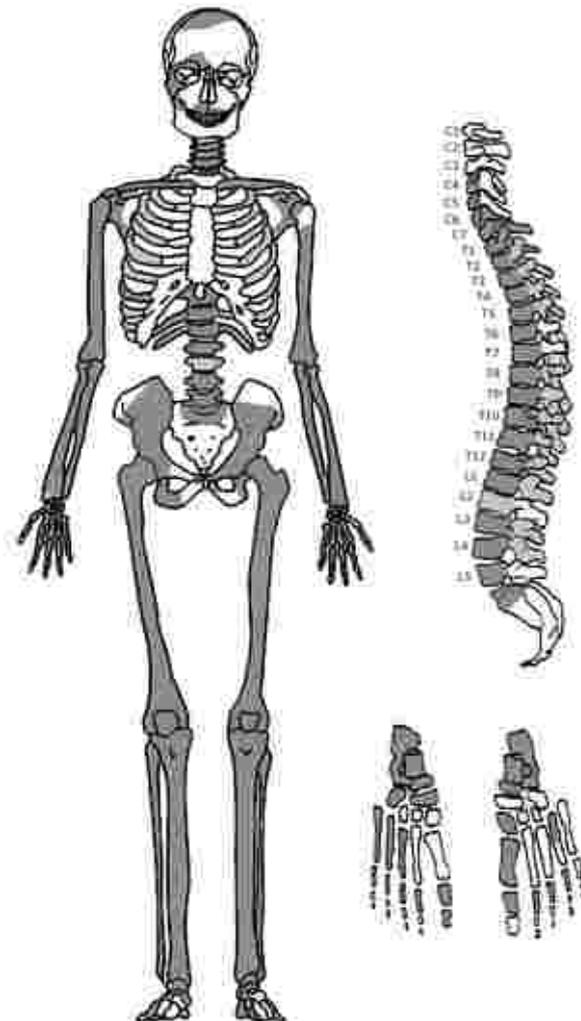
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1110**Old Adult****Female: 154.8cm****Burial Position and Details:**

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/R	N/R	N/R	N/R	3	N/R	3	N/R	N/R							
Period. Dis.	N/R	N/R	N/R	N/R	0	N/R										
E.Hypoplasia	N/R	0	N/R	N/R												
Cyst	N/R	N/R	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R
Abscess	N/R	N/R	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R
Caries	N/R	0	N/R	N/R												
Calculus	N/R	3	N/R	N/R												
	N/R	N/R	4	4	5	2	N/R	N/R	N/R	N/R	2	4	4	1	N/R	N/R
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Dental Disease

Antemortem Tooth Loss

SK 1110 exhibits antemortem tooth loss of 3 maxillary premolars and 1 molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites of Tooth 15 and 16 with only partial resorption of the tooth sockets of Tooth 24 and 25.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate sector of the left orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	3, 4	3, 4	N/R	N/R				N/R	N/R			
C5	3, 4	3, 4	N/R	N/R				N/R	N/R			
C6	3, 4	3, 4	4	0				0	0			
C7	3, 4	N/R	0	4				0	0			
T1	0	3	3, 4	2, 3, 4	3	0	0	3, 4	4	3, 4	0	0
T2	0	0	3, 4	N/R	0	4	N/R	N/R	N/R	0	4	N/R
T3	0	0	4	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T4	0	0	4	N/R	0	4	N/R	N/R	N/R	0	0	N/R
T5	0	0	N/R	N/R	0	N/R	N/R	4	N/R	N/R	0	N/R
T6	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R
T7	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	4	N/R	N/R	0	N/R	4	N/R	0	0	N/R
T9	0	0	N/R	N/R	0	N/R	N/R	3, 4	N/R	N/R	N/R	N/R
T10	0	0	3, 4	N/R	0			3	N/R	0		
T11	0	0	0	N/R	4			0	N/R	4		
T12	0	0	0	N/R	4			4	N/R	4		
L1	0	4	N/R	N/R				0	N/R			
L2	0	4	N/R	N/R				N/R	N/R			
L3	4	4	N/R	N/R				0	N/R			
L4	4	4	0	N/R				N/R	N/R			
L5	3, 4	3, 4	N/R	N/R				N/R	N/R			

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right inferior apophyseal vertebral facet of T1 in the form of eburnation, marginal osteophyte formation and surface porosity.

*Trauma**Musculo-skeletal Stress*

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the medial aspect of the distal right fibula.

Joint

SK 1110 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Ribs</i>	Surface porosity	4x Left Costal Facets 5x Right Costal Facets
<i>Elbow</i>	Surface porosity, marginal osteophytes	Left and right distal humerus and proximal radius
<i>Wrist</i>	Surface porosity, marginal osteophytes	Left scaphoid
<i>Hand</i>	Eburnation	Right MC1
<i>Hip</i>	Surface porosity	Right Femoral Head
<i>Knee</i>	Surface porosity	Left and Right patella

SK 1110: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Intervertebral osteochondrosis, Osteoarthritis, DJD
<i>Joint</i>	Osteoarthritis, DJD
<i>Trauma</i>	Musculo-skeletal stress
<i>Metabolic</i>	CO

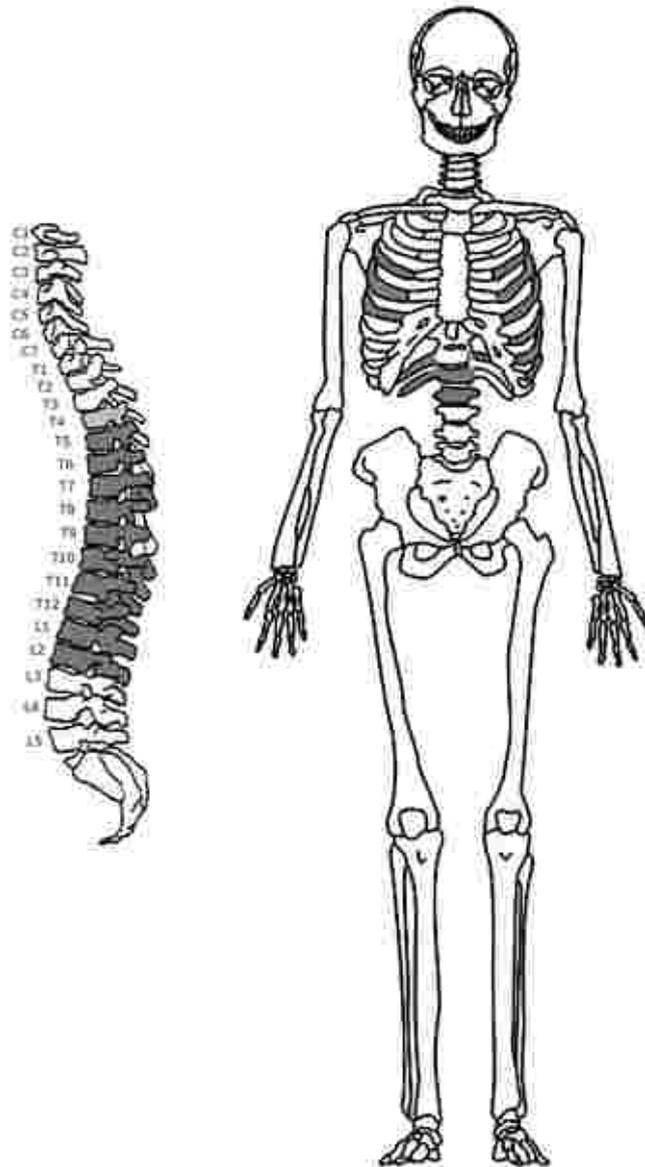
SK 1112**Young Adult****Sex Not Recordable****Burial Position and Details:**

Plan No: 37G

Area No: 21

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 1112: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1113**Young Adult****Male: 181.6cm****Burial Position and Details:**

Plan No: 38G

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The right arm was flexed at the elbow crossing the pelvis. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	1 unnumbered thoracic vertebrae present; no pathological changes exhibited on observable articular surfaces											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
L1	N/R	N/R	N/R	0			N/R	0				
L2	N/R	N/R	0	0			N/R	0				
L3	N/R	N/R	0	0			0	0				
L4	0	5	0	0			0	0				
L5	5	0	0	0			0	0				

Schmorl's Nodes

Schmorl's nodes of marked expression are present at the vertebral bodies of L4 and L5.

SK 1113: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 1114

Adult

Probable Male

Burial Position and Details:

Plan No: 37

Area No: 21

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1114: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1116

Young Adult

Male: 167.6cm

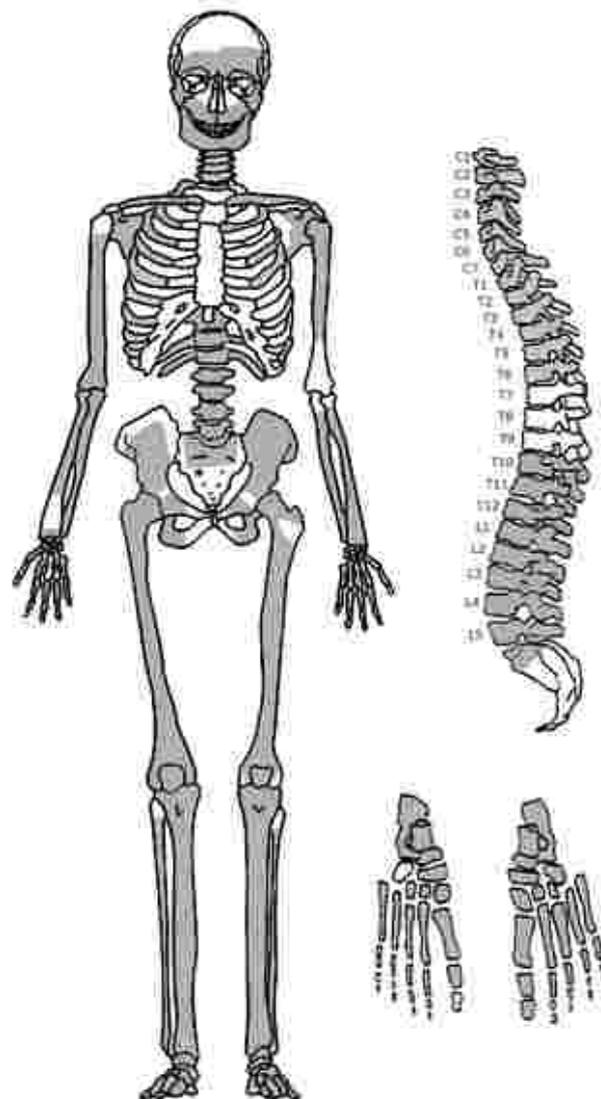
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1
Period. Dis.	0	0	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1

Dental Disease

Enamel Hypoplasia

Tooth 11: 1 hypoplastic groove present; 6.97mm from the cemento-enamel junction

Tooth 12: 1 hypoplastic groove present; 7.09mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	N/R	N/R				0	0			
C2	0	0	N/R	N/R				N/R	N/R			
C4	0	0	0	0				0	0			
C5	0	0	N/R	N/R				N/R	N/R			
C6	0	0	N/R	N/R				N/R	N/R			
C7	0	0	N/R	N/R				N/R	N/R			
T1	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T2	0	0	N/R	N/R	0	N/R	N/R	0	N/R	0	N/R	N/R
T3	0	5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T4	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	N/R	5	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T8	0	5	N/R	N/R	0	0	N/R	0	N/R	N/R	0	N/R
T9	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	5	5	0	0	0			0	0	0		
T12	5	5	0	0	0			0	0	0		
L1	5	0	0	0				0	0			
L2	5	0	0	0				0	0			
L3	0	0	0	N/R				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T5, T8, T11, T12, L1 and L2.

*Trauma**Possible Dislocation with secondary traumatic arthritis and pseudoarthrosis*

Bony changes indicative of a possible dislocation are present at the proximal interphalangeal joint of the 2nd hand digit. The distal articular surface of the proximal hand phalanx exhibits significant joint contour change as a result of the dislocation so that the original articular surface has been obliterated by arthritic bone changes; a pseudoarthrosis has developed on the palmar surface of the distal shaft so that the middle phalanx is articulating at right angles to the proximal hand phalanx. Secondary arthritic changes at the proximal hand phalanx include sharp ridge lipping affecting greater than $\frac{2}{3}$ of the border of the pseudoarthrosis and both pinpoint and coalesced surface porosity affecting the pseudoarthrosis' articular surface in addition to surface osteophytes.

The intermediate hand phalanx exhibits traumatic arthritic changes at the proximal articular surface. These changes include sharp ridge lipping at the articular circumference; surface porosity and surface osteophytes

Joint

SK 1116 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibula</i>	Subchondral bone loss	Left Mandibular Condyle
<i>r</i>		
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Right Costal Facet

*Trauma**Spondylolysis*

Bilateral spondylolysis is exhibited at the pars interarticularis of L4.

Abnormality of Shape

The left capitate exhibits abnormality of shape so that the distal end of the bone appears underdeveloped. The characteristic flattened distal end has failed to form, however all articular surface are present for articulation with the opposing carpals and MC3.

SK 1116: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
Joint DJD, Secondary Traumatic Arthritis
Trauma Possible Dislocation with secondary traumatic arthritis and pseudoarthrosis, Spondylolysis

SK 1118

Adult

Indeterminate Sex

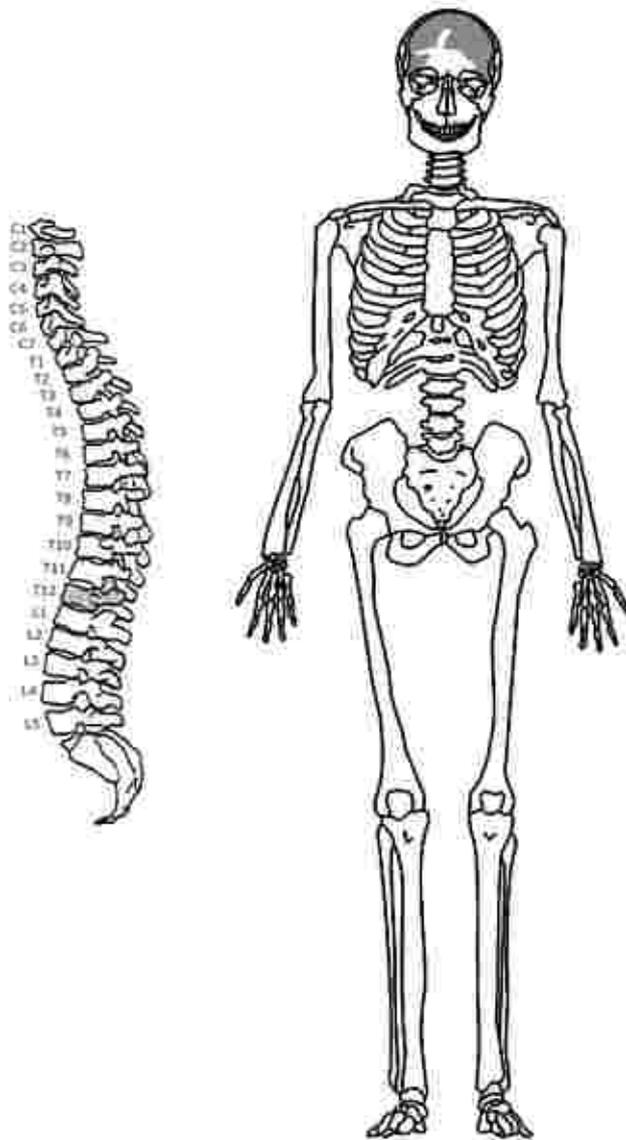
Burial Position and Details:

Plan No: 35A2

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	3	N/P	3	3	N/P										
Period. Dis.	N/P	N/R	2	0	N/P	N/R	N/P	N/R	N/R	N/P						
E.Hypoplasia	N/P	0	N/P	0	0	N/P										
Cyst	N/P	N/R	1	0	N/P	N/R	N/P	N/R	N/R	N/P						
Abscess	N/P	N/R	0	0	N/P	N/R	N/P	N/R	N/R	N/P						
Caries	N/P	0	N/P	2	0	N/P										
Calculus	N/P	1	N/P	0	0	N/P										
	N/P	2	2	2	2	1	N/P	1	3	N/P						
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1														
Calculus	N/P															
Caries	N/P															
Abscess	N/P															
Cyst	N/P															
E.Hypoplasia	N/P															
Period. Dis.	N/P															
Attrition	N/P															

Dental Disease

Caries, Granuloma

Tooth 11: Granuloma present at apex of tooth root.

Tooth 26: Medium-sized carious lesion present at the root of the tooth; this lesion has exposed the pulp cavity.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate, middle-lateral and middle-intermediate sector of the right orbital roof and the antero-intermediate and middle-lateral sector of the left orbital roof.

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the frontal and parietals and within the squamous portion of the occipital bone. The activity pattern indicates that these lesions were healing at the time of death.

SK 1118: Palaeopathological Summary and Differential Diagnoses

Dental Caries, dental cyst, calculus, dental attrition
Metabolic Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis , CO

SK 1119

Young Adult

Male

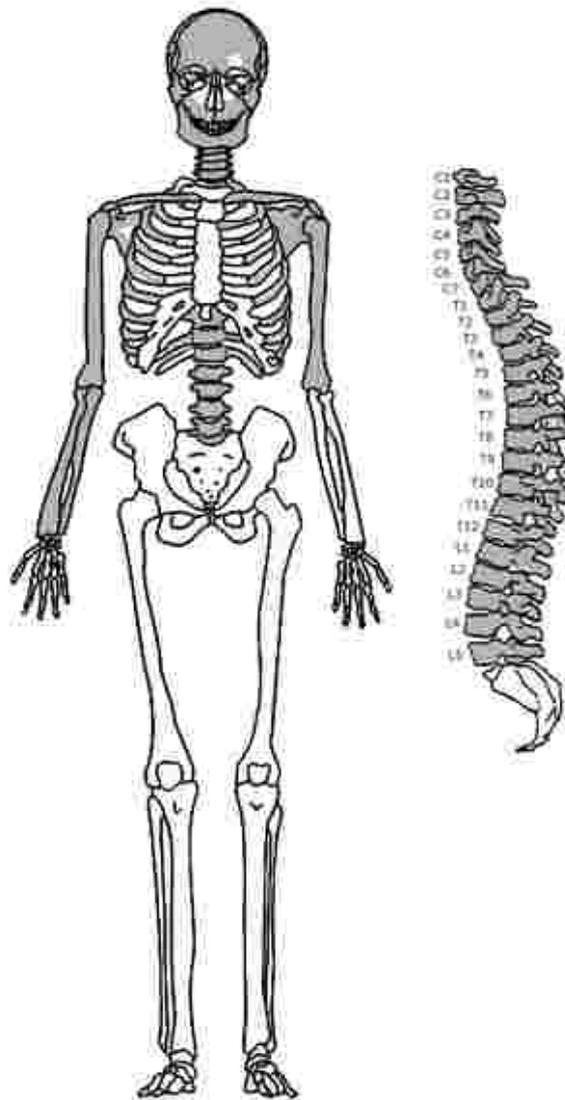
Burial Position and Details:

Plan No: 43F

Area No: 25

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	4	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	N/R	0	0	0	0
T3	0	0	0	0	0	N/R	0	N/R	0	0	N/R	N/R
T4	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T5	0	0	0	0	0	N/R	0	0	0	0	N/R	0
T6	0	0	0	0	0	N/R	0	0	0	0	0	0
T7	0	5	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T8	0	0	N/R	0	0	0	N/R	0	0	0	0	N/R
T9	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	4	0	0	0			0	0	0		
T12	5	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	5	0	0	0				0	0			
L3	0	0	0	0				0	0			
L4	N/R	5	0	0				0	0			
L5	0	0	0	0				N/R	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7, T12 and L4.

SK 1119: Palaeopathological Summary and Differential Diagnoses

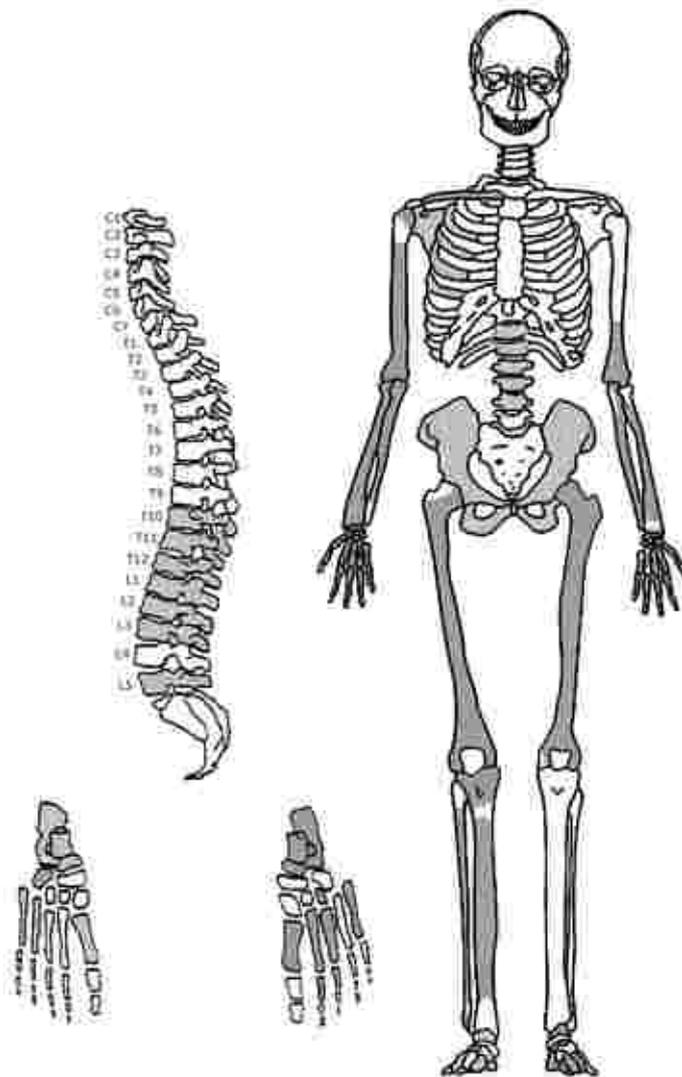
Vertebral Schmorl's nodes

SK 1120**Middle Adult****Probable Female: 163.7cm****Burial Position and Details:**

Plan No: 38D

Area No: 24

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The left arm was extended with the right arm flexed at the elbow crossing the ribs. The left hand was positioned beside the left leg with the right hand positioned over the left ribs. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

SK 1120: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochondrosis

SK 1121

Adult

Probable Female: 148cm

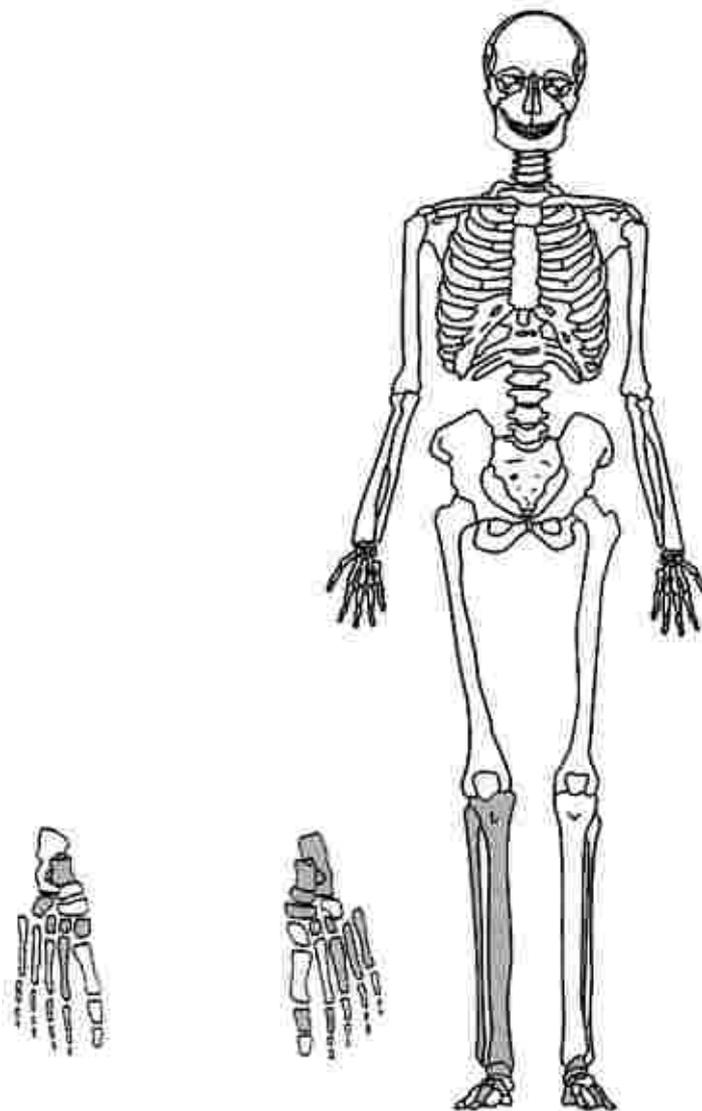
Burial Position and Details:

Plan No: 38

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended with the feet together.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Taphonomy: Animal gnawing marks were noted on the right tibia

SK 1121: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1122

Old Adult

Probable Female

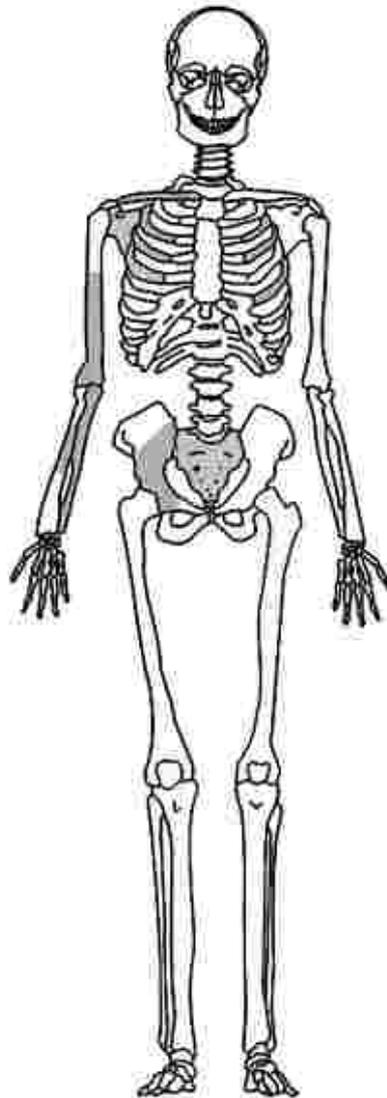
Burial Position and Details:

Plan No: 370

Area No: 25

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The right arm was with the right hand positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 1122: Palaeopathological Summary and Differential Diagnoses

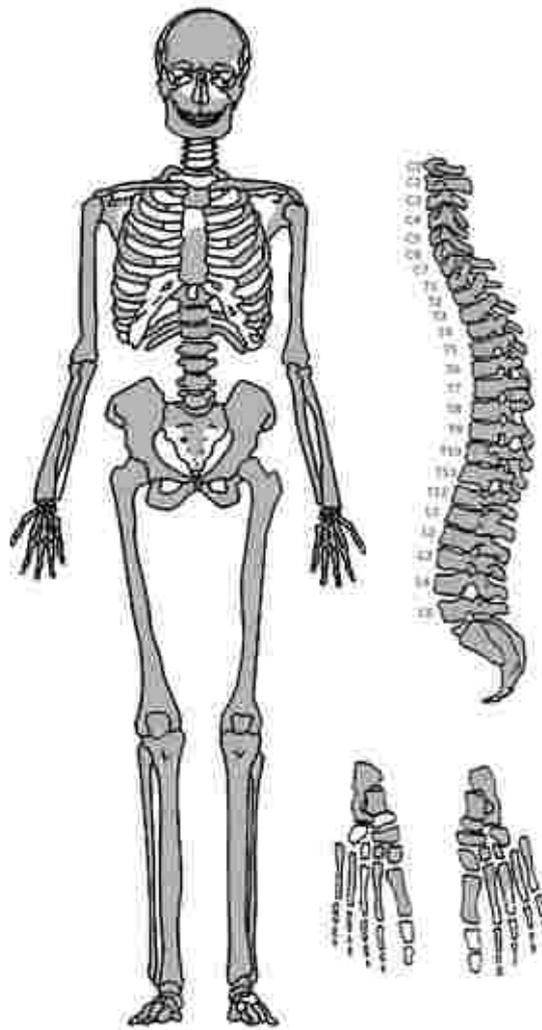
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1125**Young Adult****Female: 151.2cm****Burial Position and Details:**

Plan No: 38B

Area No: 24

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the left side. The left arm was extended with the right arm flexed at the elbow crossing the pelvis and the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	N/P	1	2	1	1	2	0	1	2	1	2	N/P	N/P	2	1	N/R	
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	N/P	N/P	0	0	N/R	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	N/P	N/P	0	0	N/R	
Calculus	N/P	1	1	1	1	1	1	0	0	1	1	N/P	N/P	1	1	N/R	
	N/P	1	1	1	1	1	1	1	1	1	1	2	2	1	1	N/R	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus		1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
Caries		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition		1	1	2	1	1	2	1	1	2	2	1	1	1	2	1	0

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Tooth 18 is missing congenitally.

SK 1125: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, congenitally absent 3rd molar
Congenital Absent 3rd molar

SK 1126

Middle Adult

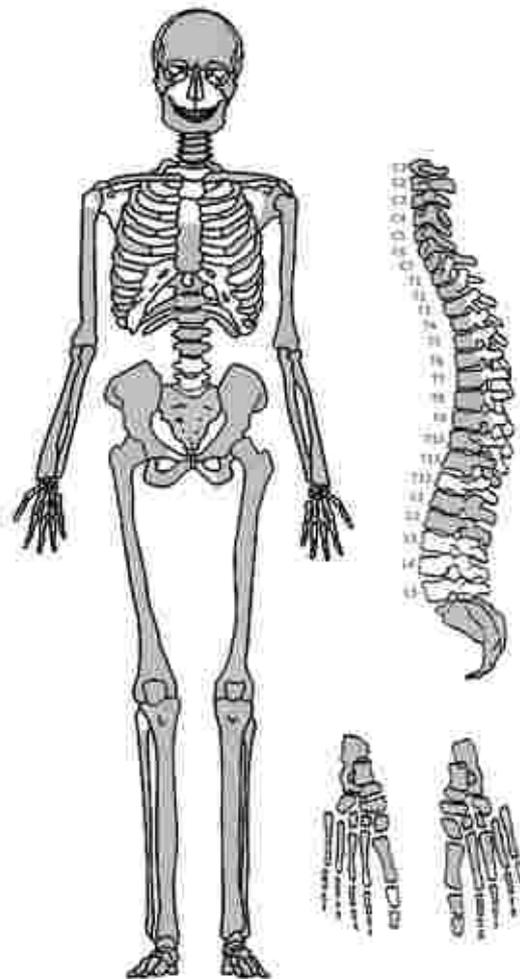
Female: 149.5cm

Burial Position and Details:

Plan No: 371

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The left arm was extended with the right arm flexed at the elbow crossing the pelvis. The left hand was by the side of the body with the right hand positioned over the pelvic region. Both legs were extended and crossing with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Dentition

Attrition	1	2	N/P	3	N/P	N/P	2	N/P	2	2	N/P	N/P	2	N/P	2	N/P
Period. Dis.	N/P															
E.Hypoplasia	0	0	N/P	0	N/P	N/P	0	N/P	0	0	N/P	N/P	0	N/P	0	N/P
Cyst	N/P															
Abscess	N/P															
Caries	0	0	N/P	0	N/P	N/P	0	N/P	0	0	N/P	N/P	0	N/P	0	N/P
Calculus	1	1	N/P	1	N/P	N/P	1	N/P	1	1	N/P	N/P	1	N/P	1	N/P
	1	1	N/P	1	N/P	N/P	1	N/P	1	1	N/P	N/P	1	N/P	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Calculus	1	1	2	1	1	2	2	2	2	2	2	2	2	2	1	N/P
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	2	2	2	0	0	0	0	0	0	0	0	3	0	0	0	N/P
Attrition	1	1	3	1	1	1	1	1	1	1	1	1	2	2	1	N/P

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the middle-intermediate and postero-lateral sector of the left orbital roof and the middle-intermediate sector of the right orbital roof.

Congenital

Abnormality of Shape – coronoid hyperplasia and mandibular condylar hyperplasia

There is asymmetry of the mandibular condyles whereby the left condyle is abnormally large and bulbous in shape in comparison to the right condyle. The left condyle is approximately 4.32mm wider in comparison to the right. There are no observable secondary arthritic changes as a result of this asymmetry.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	N/R	N/R				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	N/R	0	N/R	N/R	0	N/R	0	N/R	0
T2	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T3	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T4	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R
T5	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T6	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T7	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	N/R	N/R
T8	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	0	N/R
T9	0	0	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	0	N/R
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	N/R	4			0	N/R	0		
T12	0	0	0	N/R	4			N/R	N/R	N/R		
L1	0	0	0	0				0	0			
L2	5	0	0	0				0	0			
L3	N/R due to extensive pathological changes											
L4												
L5												

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L2.

Infection

Reactive Bone Formation

SK 1126 exhibits bilateral periosteal reactive lesions at the right and left tibiae. Reactive woven bone deposits are present at the lateral aspects of the distal tibial shafts.

Specific Infection: Lytic Lesions; Probable Tuberculosis

SK 1126 exhibits extensive lytic lesions affecting primarily the lumbar vertebrae and the first sacral body. Lytic lesions presenting as multi-focal areas of abnormal bone loss are observable at the vertebral bodies of L2, L3, L4 and S1 (L5 is unobservable).

L2 exhibits at least 5 lesions of bone loss with sharply defined boundaries, each measuring less than 1cm in diameter. The bone loss extends to the trabecular bone with no observable healing. The vertebral body of L3 has been significantly resorped due to extensive lytic bone loss. The right pedicle of L3 also exhibits lytic bone loss in addition to the right inferior apophyseal facet which has become significantly deformed due to the infectious process. The early stages of probable secondary ankylosis are observable at the right inferior apophyseal facet of L3 (the left inferior apophyseal facet is unobservable) and the superior apophyseal facets of L4. Much of the vertebral body of L4 has been resorped due to lytic activity resulting in acute secondary kyphosis at the level of the affected vertebra. The inferior right and superior left apophyseal facets of L4 exhibit extensive new bone formation and marginal osteophytes. The left superior apophyseal facet and pedicle have become separated from the neural arch resulting in a pseudoarthrosis. This joint exhibits DJD in the form of macroporosity at the articular surface. The left inferior articular facet is extensively deformed due to lytic bone resorption. A vertebral fragment likely to be the resorped rim of a vertebral body is also present. A possible lytic lesion is observable at the vertebral body of S1, however further assessment of this lesion is inhibited due to postmortem damage.

Joint

SK 1126 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Elbow</i>	Surface porosity	Left and right distal humerus
<i>Wrist</i>	Subchondral bone loss	Right proximal radius Left distal ulna
<i>Hand</i>	Subchondral bone loss	Left MC2

SK 1126: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's node, Lytic lesions, Secondary ankylosis and kyphosis
<i>Joint</i>	DJD
<i>Metabolic</i>	CO
<i>Infection</i>	Non-specific: reactive bone deposits, Lytic Lesions: Probable tuberculosis
<i>Congenital</i>	Coronoid hyperplasia and Mandibular condylar hyperplasia

SK 1127**Middle Adult Male****Burial Position and Details:**

Plan No: 43B

Area No: 25

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T11	N/R	N/R	N/R	N/R	N/R			0	0	N/R		
T12	N/R	N/R	0	0	N/R			N/R	N/R	N/R		
L1	N/R	N/R	0	0				N/R	0			
L2	N/R	N/R	0	0				0	0			
L3	0	5	3	0				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L3.

SK 1127: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node

SK 1128

Adult

Sex Not Recordable

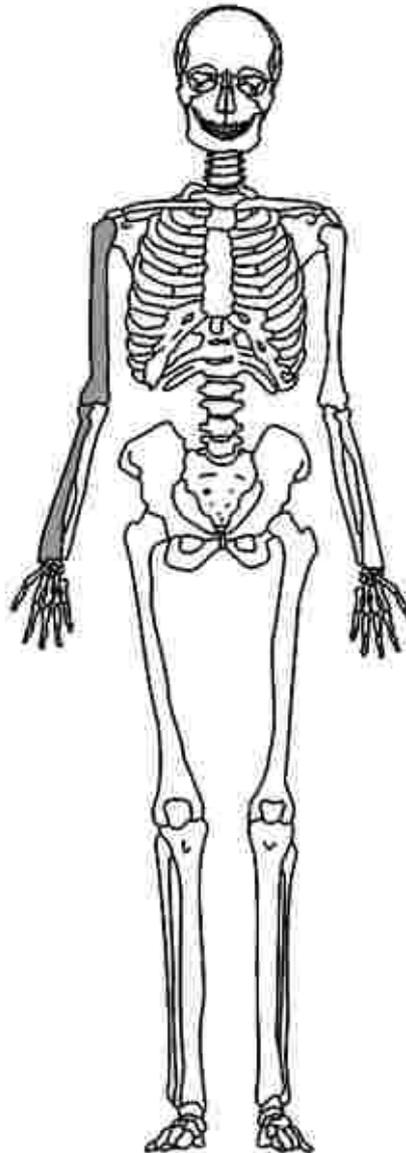
Burial Position and Details:

Plan No: 35A

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Trauma

Musculo-Skeletal Stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the anterior margin of the greater tubercle of the right humerus.

SK 1128: Palaeopathological Summary and Differential Diagnoses

Trauma Enthesophyte formation

SK 1129A

Adult

Sex Not Recordable

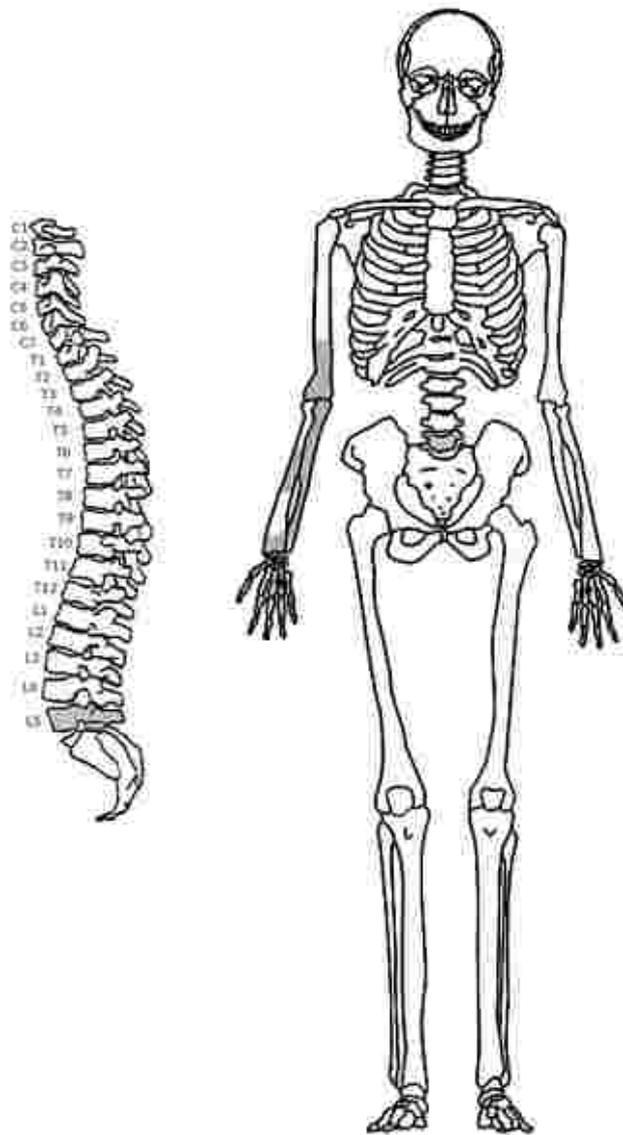
Burial Position and Details:

Plan No: 35A

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Joint

SK 1129A exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Wrist</i>	Surface porosity	Right distal radius

SK 1129A: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 1129B

Adult

Sex Not Recordable

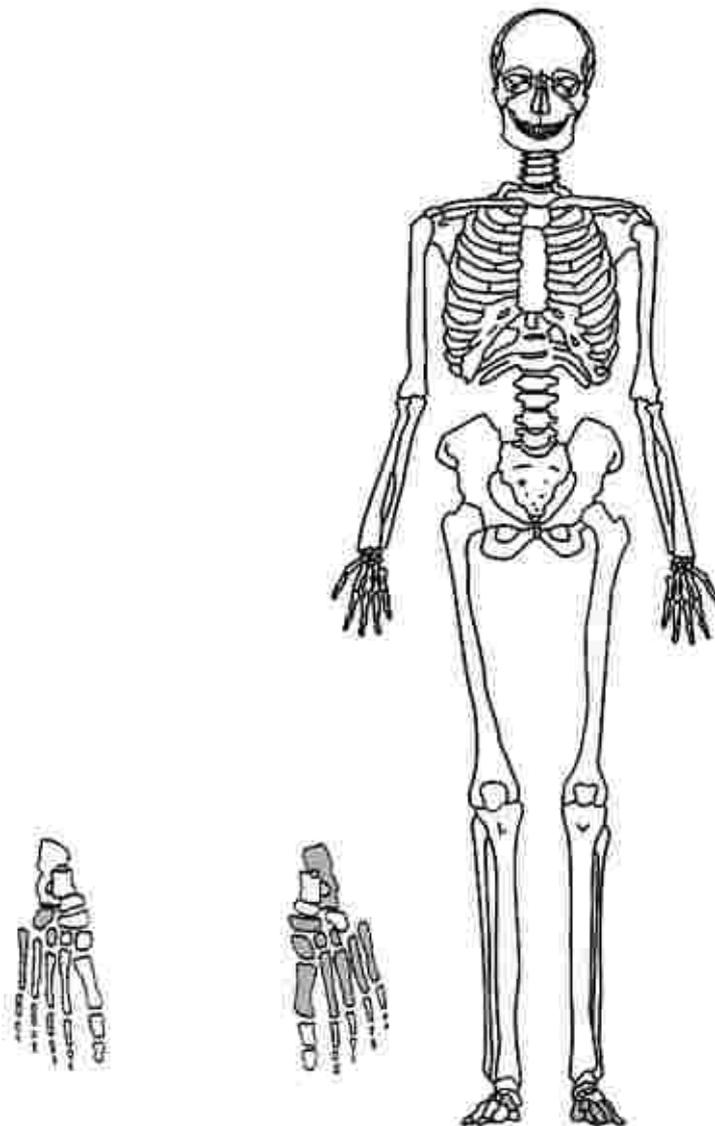
Burial Position and Details:

Plan No: 35A

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 1129B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1130

Adult

Sex Not Recordable

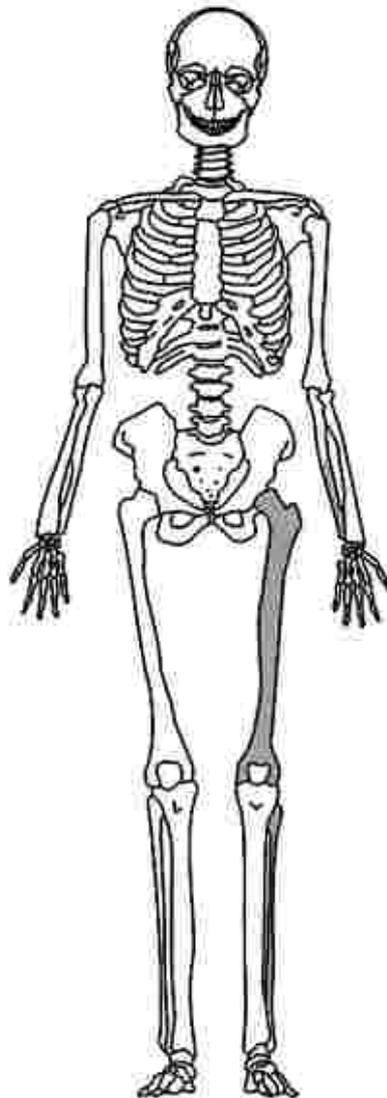
Burial Position and Details:

Plan No: 38

Area No: 24

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation. The left arm and left leg were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Taphonomy: A post-mortem probable drill-hole was noted on the distal left femur.

SK 1130: Palaeopathological Summary and Differential Diagnoses

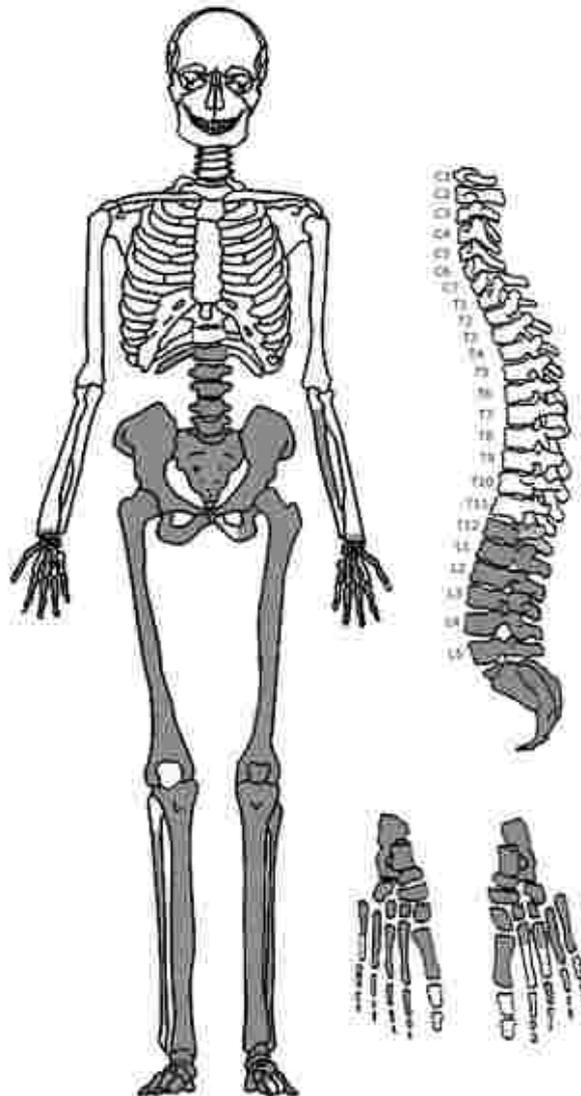
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1131**Young Adult****Male: 159.7cm****Burial Position and Details:**

Plan No: 37C

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left hand was positioned over the pelvic region with the right hand by the side of the body. SK1131 was found in association with a quartz piece recovered from the left hand.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1131 exhibits bilateral periosteal reactive bone formations at the left and right lower leg bones. Reactive woven bone deposits are present at the posterior aspect of the left femur and the posterior aspect of the proximal shaft of the right fibula. Sclerotic bone is present at the posterior-lateral aspect of the mid-shaft of the left tibia and the lateral aspect of the shaft of the left fibula. This latter lesion exhibits extensive remodelling so that the bone shaft has a bark-like appearance. Sclerotic bone is also observable at the lateral shaft of the right fibula. A mixed reaction of both woven and sclerotic bone is present at the posterior-medial aspect of the right tibia.

SK 1131: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 1132**Middle Adult****Female: 152cm****Burial Position and Details:**

Plan No: 321

Area No: 21

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The skull was positioned facing north-east. Both the arms and the legs were extended with the feet together. The hands were positioned on either side of the body.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Dentition

Attrition	N/P	2	3	N/P	N/P	N/P	N/P									
Period. Dis.	N/P	3	3	3	3	3	0	0	0	0	2	2	0	0	0	N/P
E.Hypoplasia	N/P	0	0	N/P	N/P	N/P	N/P									
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	1	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	N/P	0	0	N/P	N/P	N/P	N/P									
Calculus	N/P	3	3	N/P	N/P	N/P	N/P									
	N/P	4	4	4	2	2	4	4	4	4	1	1	4	4	4	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	4	4	1	1	1	2	2	2	2	4	4	4	4	4	N/P
Calculus	N/P	N/P	N/P	2	2	2	N/P									
Caries	N/P	N/P	N/P	0	0	0	N/P									
Abscess	N/P	0	0	0	0	0	0	0	0	0	1	1	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	N/P	N/P	0	0	0	N/P									
Period. Dis.	N/P	0	0	2	2	3	0	0	0	0	3	3	3	3	3	N/P
Attrition	N/P	N/P	N/P	2	3	2	N/P									

Dental Disease

Antemortem Tooth Loss

SK 1132 exhibits extensive antemortem tooth loss. Complete secondary resorption of the alveolar process has occurred at all the affected tooth sites with the exception of Tooth 33 and 34 where only partial resorption of the tooth sockets has occurred.

Abscess, Cyst

Tooth 33 and 34: Large abscess present at base of tooth roots resulting in antemortem tooth loss of tooth 33 and tooth 34; possibly two abscesses which have joined forming one large area of bone loss; associated sclerotic bone present on inferior border of lesion which has obscured the boundary of the mandibular foramen; level of healing indicates this lesion was long-standing

Tooth 35: Cyst present at apex of tooth socket resulting in antemortem tooth loss.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-intermediate and middle-intermediate sector of the left orbital roof and the antero-intermediate sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 2

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	3	0	0				0	0			
C2	3, 4	0	0	0				0	0			
C3	N/R	N/R	3, 4	0				N/R	N/R			
C4	3, 4	3, 4	3	3				0	0			
C5	3	3, 4	3	0				0	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	0	0	0				0	0			
T1	0	0	3	3	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T2	0	0	0	3	0	N/R	N/R	0	0	N/R	N/R	N/R
T3	0	0	3	3, 4	0	N/R	N/R	0	4	N/R	N/R	N/R
T4	0	3	3	3, 4	N/R	N/R	N/R	3	3, 4	N/R	N/R	N/R
T5	0	0	2, 3, 4	0	4	N/R	0	2, 3, 4	3, 4	N/R	0	N/R
T6	0	4	3, 4	3	0	N/R	N/R	3, 4	4	N/R	4	N/R
T7	0	0	0	0	0	0	0	0	0	0	0	N/R
T8	0	0	0	0	N/R	N/R	0	0	3, 4	4	4	N/R
T9	0	0	3	3, 4	0	N/R	0	3	3, 4	0	N/R	N/R
T10	0	0	3	3, 4	4			3, 4	0	4		
T11	0	0	3, 4	3, 4	3, 4			0	3, 4	3, 4		
T12*	3	0	3	3	3, 4			3	3	3, 4		
L1	5	0	3	0				3	0			
L2	0	3	3	3				3	3			
L3	3, 4	3, 4	3	3				3	3			
L4	3	3	0	0				0	3			
L5	3, 4	3, 4	0	3				3	3			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of L1.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right and left superior apophyseal vertebral facets of T5 in the form of eburnation, surface porosity and marginal osteophyte formation.

*Infection/ Trauma**Possible Lytic Lesion with secondary Pathological fracture*

A possible lytic lesion presenting as unifocal bone loss is present at the superior vertebral body of T12. The bone loss extends to the trabecular bone and measures 18.86mm medial-lateral and 5.61mm anterior-posterior. Partial healing in the form of sclerotic bone formation is observable at the anterior margin of the lesion. This lesion has resulted in secondary structural collapse of the vertebral body resulting in a concave depression on the superior surface.

*Trauma**Fracture with secondary traumatic arthritis and enthesophyte formation*

A fracture of unknown type is present at the right femoral neck. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable. Malunion of the fracture has resulted in posterior displacement of the femoral head. Secondary DJD is also observable at the affected hip joint surfaces in the form of sharp ridge lipping (marginal osteophytes), surface osteophytes and periarticular resorptive foci.

Joint

SK 1132 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Sternoclavicular</i>	Surface porosity , marginal osteophytes, periarticular resorptive foci	Right and Left Acromion Process Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Left and Right glenoid fossa Right Humeral Head

<i>Ribs</i>	Surface porosity, marginal osteophytes, eburnation	1x Left Costal Facet and left 11 th rib head 3x Right Costal Facets and right 11 th rib head
<i>Elbow</i>	Surface porosity , marginal osteophytes	Left and right distal humerus and proximal radius
<i>Hip</i>	Periarticular resorptive foci, marginal osteophytes	Left and right acetabulum Right Femoral Head
<i>Knee</i>	Surface porosity	Right Femoral lateral condyle Right Tibial Condyles
<i>Foot</i>	Marginal osteophytes	Left and Right MT1 and 1 st proximal phalanx

*Miscellaneous Pathology**Unidentified Biological Objects*

SK1132 was found in association with 2 unidentified ossified objects recovered from the rib cage.

SK 1132: Palaeopathological Summary and Differential Diagnoses

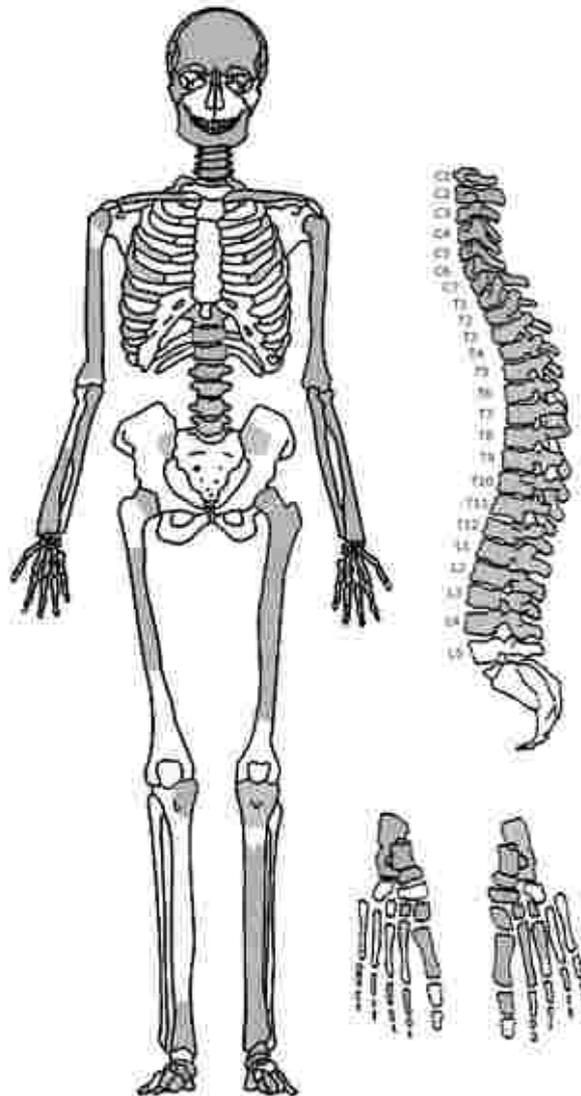
<i>Dental</i>	Antemortem tooth loss, dental abscess/cyst, periodontal disease, calculus, dental attrition
<i>Vertebral Joint</i>	Schmorl's node, Intervertebral osteochondrosis, Osteoarthritis, DJD, Lytic lesion, Fracture
<i>Trauma</i>	Fracture with traumatic arthritis
<i>Metabolic</i>	Probable Osteoporosis
<i>Infection</i>	Possible Lytic lesion
<i>Miscellaneous</i>	Unidentified Ossified Objects

SK 1133**Old Adult****Female****Burial Position and Details:**

Plan No: 35B

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and poor preservation. The skull was positioned on the left side. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Dentition

Attrition	N/P	1	0	2	2	N/P	N/P	N/P								
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	0	0	0	N/P	N/P	N/P								
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	0	0	0	N/P	N/P	N/P								
Calculus	N/P	0	1	1	2	N/P	N/P	N/P								
	N/P	1	1	1	1	N/P	N/P	N/P								
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	4	1	1	1	1	1	1	1	1	1	1	2	1	4
Calculus	2	2	N/P	2	2	2	2	2	2	2	2	2	1	N/P	2	N/P
Caries	0	0	N/P	0	0	0	0	0	0	0	0	0	0	N/P	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	N/P	0	0	0	0	0	0	0	0	0	0	N/P	0	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	2	2	N/P	2	2	2	2	2	2	2	2	2	3	N/P	3	N/P

Dental Disease

Antemortem Tooth Loss

SK 1133 exhibits antemortem tooth loss of a mandibular 1st and 3rd molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Cranial Pathology

Metabolic/ Non-specific Stress Indicator

Thickened Cranial Vault

SK 1133 exhibits an abnormally thickened cranial vault possibly indicative of an underlying metabolic disease or possibly Paget's disease.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	3	3, 4	0	0				0	4			
C4	3, 4	3	0	0				0	0			
C5	3, 4	3, 4	0	0				0	0			
C6	3, 4	3, 4	0	4				0	0			
C7	0	0	3, 4	0				3, 4	0			
T1	0	3, 4	0	0	4	3, 4	N/R	0	0	0	4	N/R
T2	0	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T3	0	0	3, 4	3, 4	0	N/R	N/R	0	0	0	0	N/R
T4	3, 4	3	0	0	0	0	N/R	0	0	0	0	N/R
T5	0	0	0	0	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R
T6	3	3	0	0	0	0	N/R	0	0	0	0	N/R
T7	3, 4, 5	3, 4	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T8	3	3, 4	4	4	0	0	N/R	0	0	N/R	N/R	N/R
T9	3	3	0	3, 4	0	0	N/R	0	0	N/R	N/R	N/R
T10	N/P	N/P	N/P	N/P	N/P			N/P	N/P	N/P		
T11	3, 4, 5	3, 4	0	N/R	0			0	0	0		
T12	3, 4, 5	5	4	N/R	0			0	N/R	0		
L1												
L2	Porosity on the left and right superior facets of one neural arch											
L3	Porosity also evident on one right inferior neural arch fragment.											
L4	One of the vertebral bodies has osteophytes on the superior and inferior vertebra.											
L5	The second vertebral body has osteophytes evident on the superior body.											

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T7, T11 and T12. A Schmorl's node of marked expression is present at the vertebral body of T12.

Trauma

SK 1133 exhibits probable osteopenia of several skeletal elements and pathological vertebral compression fractures indicative of osteoporosis. Compression fractures are present at the vertebral bodies of T11 and T12 resulting in an anterior-wedge shaped body and secondary kyphosis of the spine.

Joint

SK 1133 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Left and right Humeral Head Right glenoid fossa
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Right Costal Facets
<i>Elbow</i>	Periarticular resorptive foci	Left and right proximal ulna
<i>Wrist</i>	Surface porosity	Left distal ulna
<i>Hand</i>	Marginal osteophytes, periarticular resorptive foci	Left MC1, MC4, 1 st proximal phalanx and 2 proximal phalanges Right MC2 and MC4

*Miscellaneous Pathology**Unidentified Biological Objects*

SK 1133 was found in association with a number of unidentified calcified objects recovered from the right rib cage.

SK 1133: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, compression fractures, secondary kyphosis
<i>Joint</i>	DJD
<i>Metabolic</i>	Probable Osteopenia, Non-specific: thickened cranial vault
<i>Miscellaneous</i>	Calcified biological objects

SK 1134

Young Adult

Male: 162.3cm

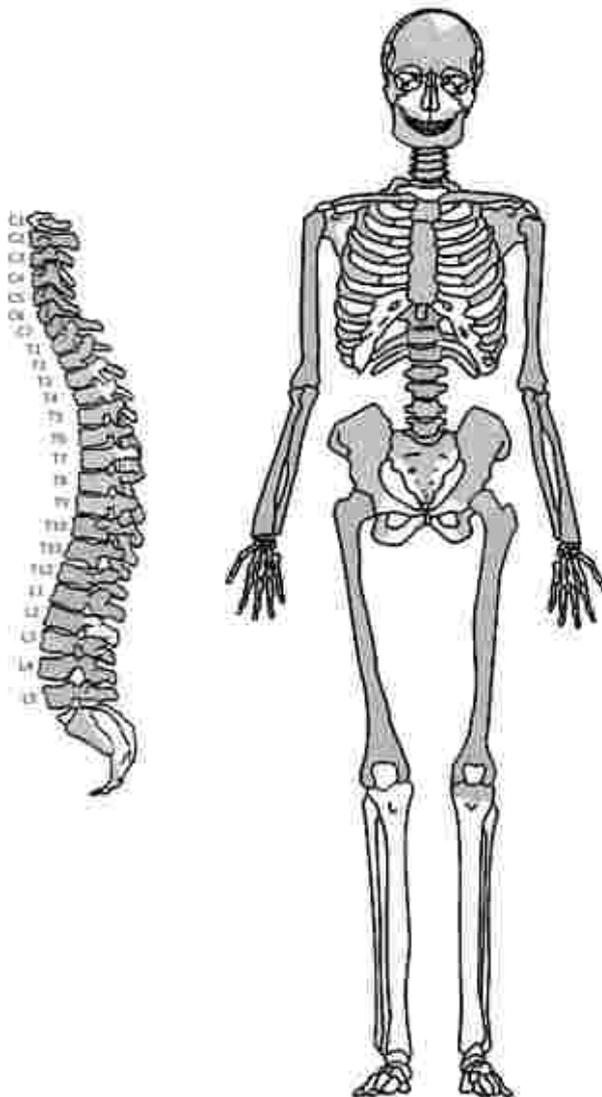
Burial Position and Details:

Plan No: 38H

Area No: 17/24

W-E orientation; simple, extended supine burial of good completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	1	1	2	1	1	1	1	1	N/R	1	1	1	1	1	1	N/R
Period. Dis.	N/R	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R	N/R	N/R
E.Hypoplasia	0	0	1	0	0	0	0	1	N/R	0	0	0	0	1	0	N/R
Cyst	N/R	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/R	N/R
Abscess	N/R	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/R	N/R
Caries	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0	0	N/R
Calculus	1	1	1	1	1	1	1	1	N/R	1	1	1	1	1	1	N/R
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	2	1	3	2	2	1	2	2	2	3	3
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Abscess	0	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/R	N/R	N/R	N/R	0	0	0	0	0	0
Period. Dis.	0	0	0	0	1	1	N/R	0	0	0						
Attrition	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1

Dental Disease

Caries

Tooth 38: Small carious lesion present at the occlusal surface of the tooth crown.

Enamel Hypoplasia

Tooth 11: 2 hypoplastic grooves present; 2.40mm and 5.03mm from the cemento-enamel junction respectively.

Tooth 16: 1 hypoplastic groove present; 2.49mm from the cemento-enamel junction

Tooth 26: 1 hypoplastic groove present; 2.99mm from the cemento-enamel junction

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	4	0				N/R	N/R			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R	0
T2	N/R	0	0	0	0	N/R	N/R	0	0	N/R	0	0
T3	0	0	N/R	N/R	N/R	4	N/R	N/R	N/R	0	0	N/R
T4	4	4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	N/R	0	0	0	0	0	N/R	0	0	0	0	0
T6	0	3 + 4	N/R	N/R	N/R	0	N/R	0	N/R	4	0	0
T7	4	3 + 4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	3 + 4	0	0	0	0	0	N/R	N/R	N/R	0	N/R
T9	0	0	0	0	0	N/R	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	3	0	0	N/R			0	0	0		
T12	3	3	0	0	0			0	0	0		
I 1	0	0	0	N/R				0	0			
L2	0	0	N/R	N/R				N/R	N/R			
I 3	N/R	3	0	0				N/R	0			
I 4	3 + 4	0	0	0				0	0			
L5	0	0	N/R	N/R				0	N/R			

Infection

Reactive Bone Formation

SK 1134 exhibits extensive bilateral periosteal reactive bone formation lesions at the lower-arm long-bones, femora, pelvises and mandible. Reactive woven bone deposits are present at the medial aspect of the mandibular ramii, the shafts of the right and left ulna and femora. Reactive woven bone is also observable at the distal shaft the left radius, and the posterior aspects of the right and left ilium.

SK 1134: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, enamel hypoplasia
Vertebral Schmorl's nodes, Intervertebral osteochondrosis
Infection Non-specific: reactive bone deposits

SK 1135

Adult

Probable Female: 157.3cm

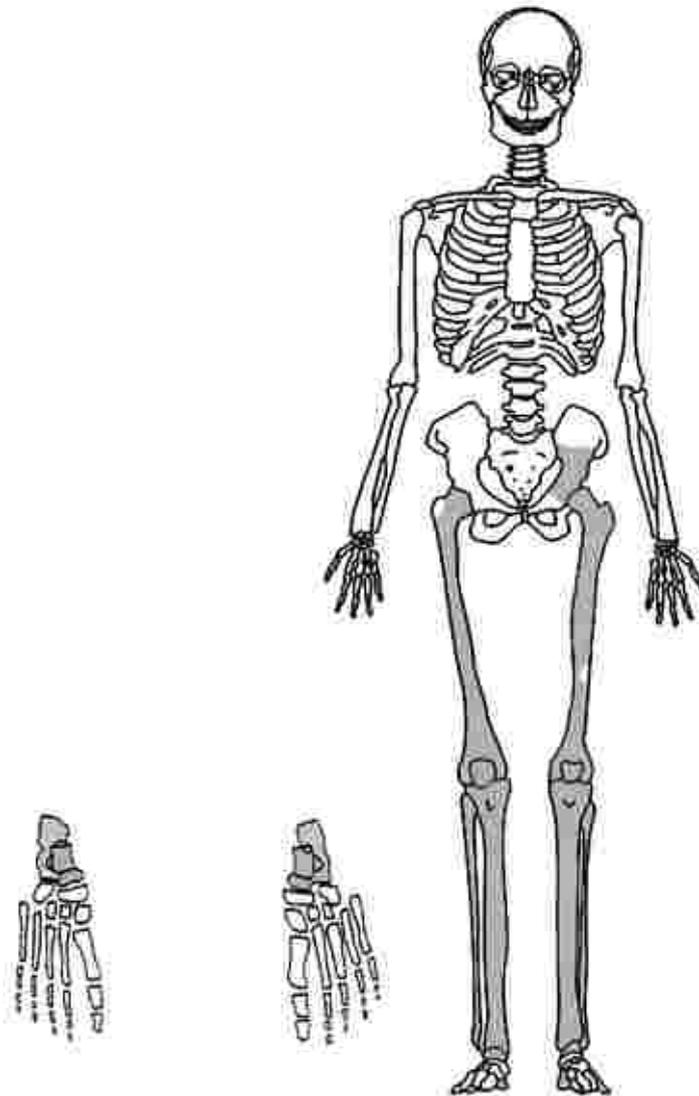
Burial Position and Details:

Plan No: 50

Area No: 24/27

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 4

SK 1135: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1137

Middle Adult

Probable Male: 161.3cm

Burial Position and Details:

Plan No: 38G

Area No: 24

Orientation not specified: simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Taphonomy: SK1137 is affected by oxidisation

SK 1137: Palaeopathological Summary and Differential Diagnoses

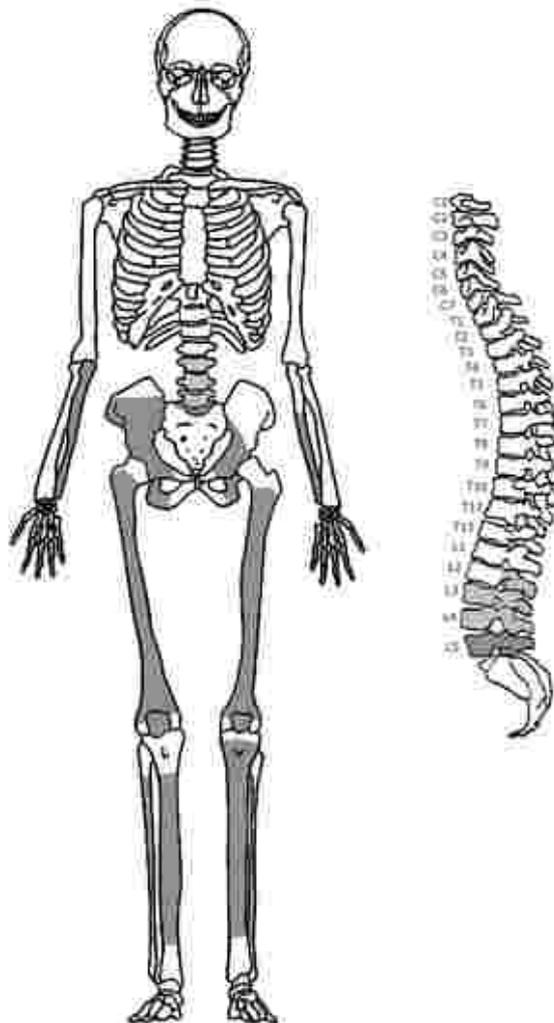
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1138**Middle Adult****Probable Male****Burial Position and Details:**

Plan No: 50

Area No: 24/27

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Taphonomy: Animal gnawing marks were noted on the left ulna

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
L2	N/R	N/R	N/R	N/R				3	0			
L3	3	3	0	N/R				N/R	N/R			
L4	3	0	3	N/R				N/R	N/R			
L5	3	3	3	0				N/R	0			

Joint

SK1138 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Wrist</i>	Marginal Osteophytes	Left distal ulna
<i>Hip</i>	Surface osteophytes, surface porosity, marginal osteophytes	Left and right Acetabulum

SK 1138: Palaeopathological Summary and Differential Diagnoses

Vertebral Intervertebral osteochondrosis
Joint DJD

SK 1139	Young Adult	Sex Not Recordable
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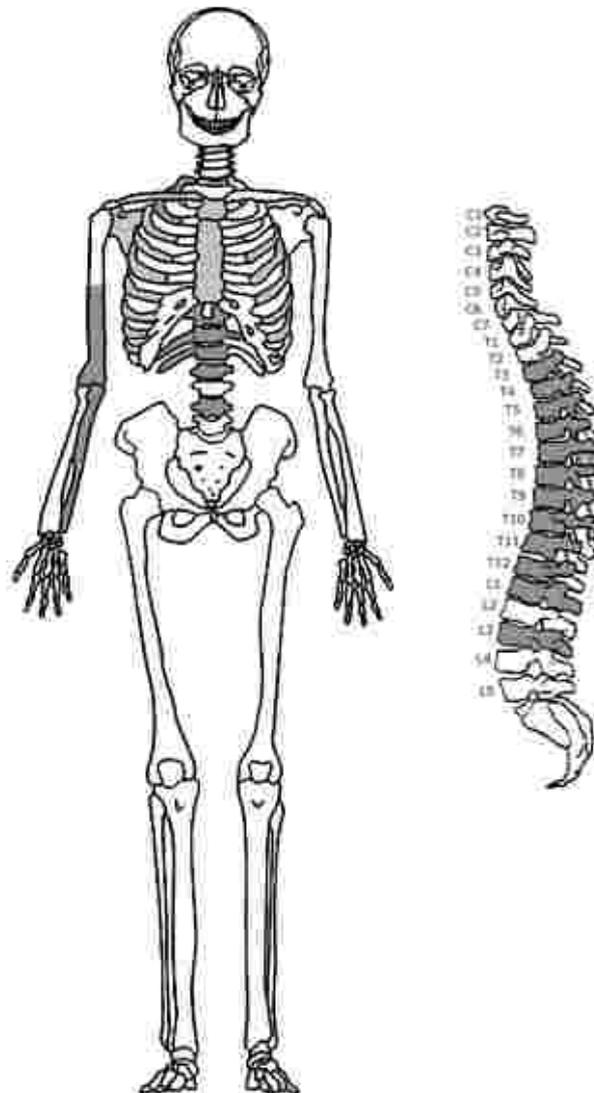
Burial Position and Details:

Plan No: 37J

Area No: 21

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1139 exhibits bilateral periosteal reactive bone formation lesions at the left and right ribs. Reactive woven bone deposits are present on the visceral surface of 3 unnumbered left and 2 unnumbered right rib fragments. Reactive bone is also observable at the pleural surfaces of 1 left rib fragment and 1 right rib fragment.

SK 1139: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 1140

Middle Adult

Female: 149.5cm

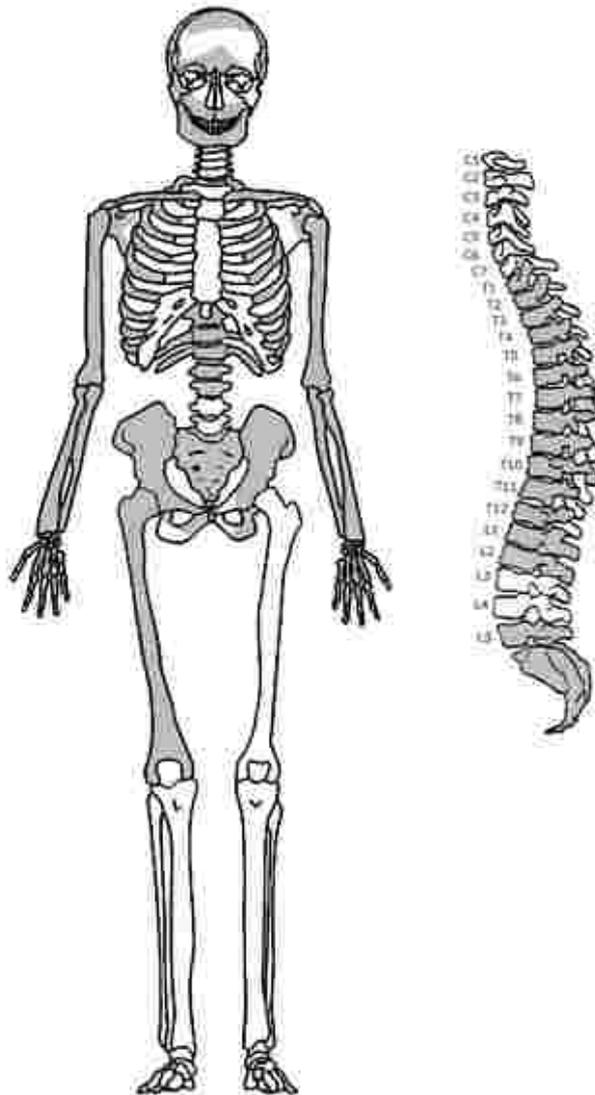
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	0	1	N/P	N/P	2	2	2	3	3	2	2	2	N/R	N/P	N/P	0
Period. Dis.	2	2	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0
E.Hypoplasia	0	0	N/P	N/P	0	0	0	0	0	0	0	0	0	N/P	N/P	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0
Caries	0	0	N/P	N/P	0	0	0	0	0	0	0	0	3	N/P	N/P	1
Calculus	1	1	N/P	N/P	1	1	1	0	1	1	0	1	0	N/P	N/P	1
	1	1	4	4	1	1	1	1	1	1	1	1	1	4	N/P	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Calculus	N/P	2	2	1	1	1	1	1	1	1	1	1	1	2	2	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	N/P	2	2	0	0	0	0	0	0	0	0	0	0	0	2	N/P
Attrition	N/P	2	2	1	1	1	1	1	1	1	1	1	1	2	1	N/P

Dental Disease

Antemortem Tooth Loss

SK 1140 exhibits antemortem tooth loss of a maxillary 1st molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 25: Large carious lesion present which has eroded >95% of tooth crown

Tooth 28: Small carious lesion present on buccal aspect of tooth crown

Congenital Abnormalities of the Teeth/ Jaws

Tooth 38 and 48 are missing congenitally. Overcrowding of the mandibular teeth has resulted in very slight medial rotation of Tooth 33.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	0	3	4	0	4	0	0	0	0	0	0	0
T2	0	3	3	0	0	0	0	0	0	0	0	0
T3	0	3	0	0	0	0	N/R	N/R	0	0	N/R	N/R
T4	0	0	0	0	0	N/R	0	0	0	4	0	N/R
T5	3	3	4	3, 4	0	0	N/R	0	4	0	0	N/R
T6	3	3,4	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	3, 4	3,4	N/R	N/R	3	3	N/R	N/R	N/R	4	4	N/R
T8	3,4	4	0	0	4	4	N/R	0	0	0	0	N/R
T9	3	0	0	0	0	0	N/R	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	4	N/R	0	0			0	0	0		
L1	0	0	N/R	N/R				4	3,4			
L2	N/R	N/R	N/R	N/R				0	0			
I 5	0	0	N/R	N/R				0	N/R			

*Trauma**Fracture with secondary traumatic ankylosis and arthritis*

A healed fracture of unknown type is present at the left 5th proximal and intermediate hand phalanges. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is evident. This fracture has resulted in secondary ankylosis at the affected proximal interphalangeal joint. The intermediate hand phalanx has been displaced towards the palmar aspect. Secondary DJD is also observable in the form of sharp ridge lipping (marginal osteophytes) and surface porosity at the distal articular surface of the intermediate hand phalanx. Vertical enthesophyte formation indicative of musculo-skeletal stress is also present at the dorsal aspect of the shaft of the proximal hand phalanx.

Joint

SK 1140 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets 2x Right Costal Facets

SK 1140: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, overcrowding, congenitally absent 3 rd molars
<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Trauma</i>	Fracture with secondary ankylosis and traumatic arthritis

SK 1141

Young Adult

Male: 171cm

Burial Position and Details:

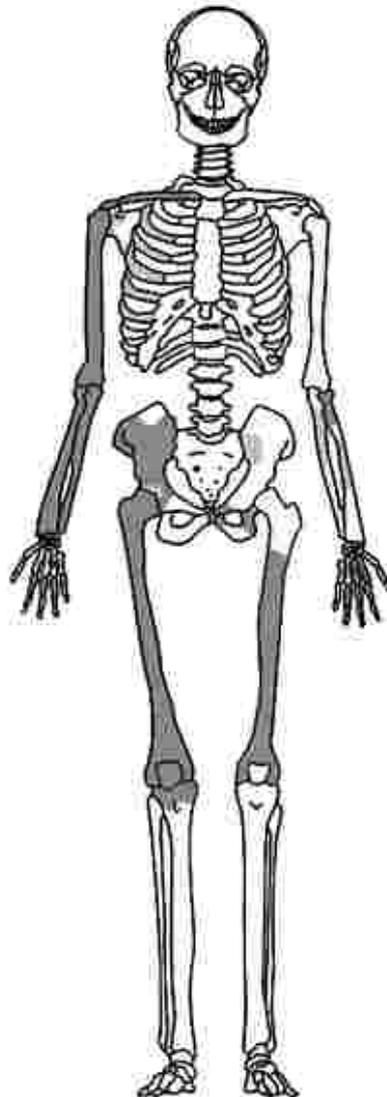
Plan No: 52

Area No: 30

W-E orientation; simple, extended supine burial of good completeness and moderate preservation.

The hands positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Fracture

A possible healed fracture is present at an unsided proximal hand phalanx. The fracture line is no longer evident. Healing in the form of a small patch of sclerotic callus bone formation is also observable at the palmar aspect of the bone shaft.

SK 1141: Palaeopathological Summary and Differential Diagnoses

Trauma Possible Fracture

SK 1144

Middle Adult

Male: 170.2cm

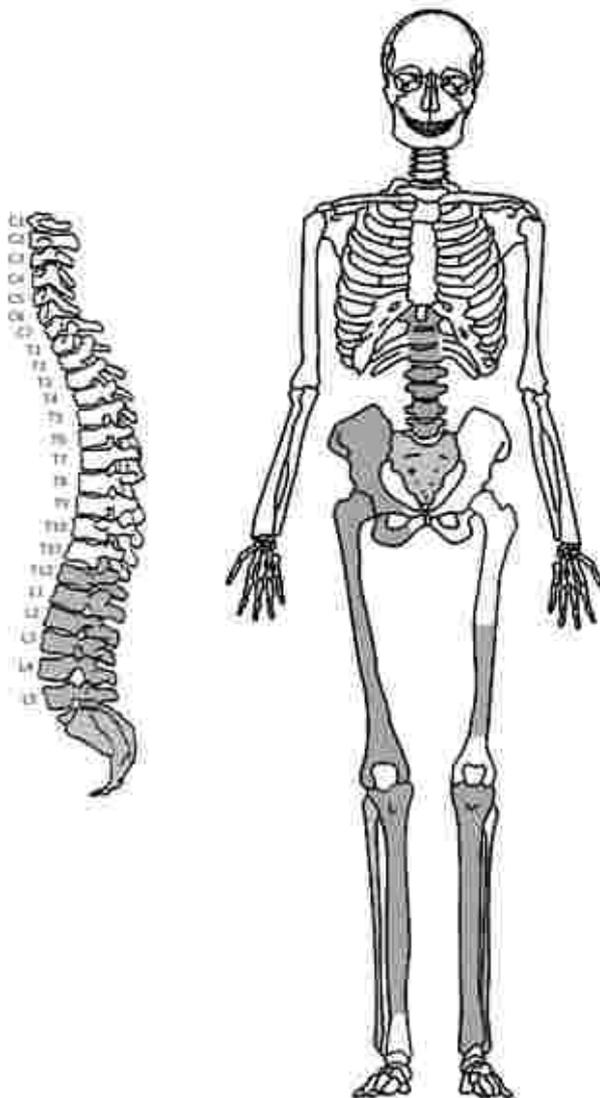
Burial Position and Details:

Plan No: 37G

Area No: 21

Orientation not specified: simple, crouched burial on the right side of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Taphonomy: Two drill holes were noted on the posterior aspect of the proximal left tibial shaft.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1144 exhibits periosteal reactive bone lesions at the left femur and right tibia. Reactive woven bone deposits are present at the anterior aspect of the distal shaft of the left femur. Sclerotic bone is also present at the posterior aspect of the distal left femoral shaft and the medial aspect of the right tibial shaft. These latter lesions have resulted in a thickened diaphysis. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 1144: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 1145

Middle Adult

Female

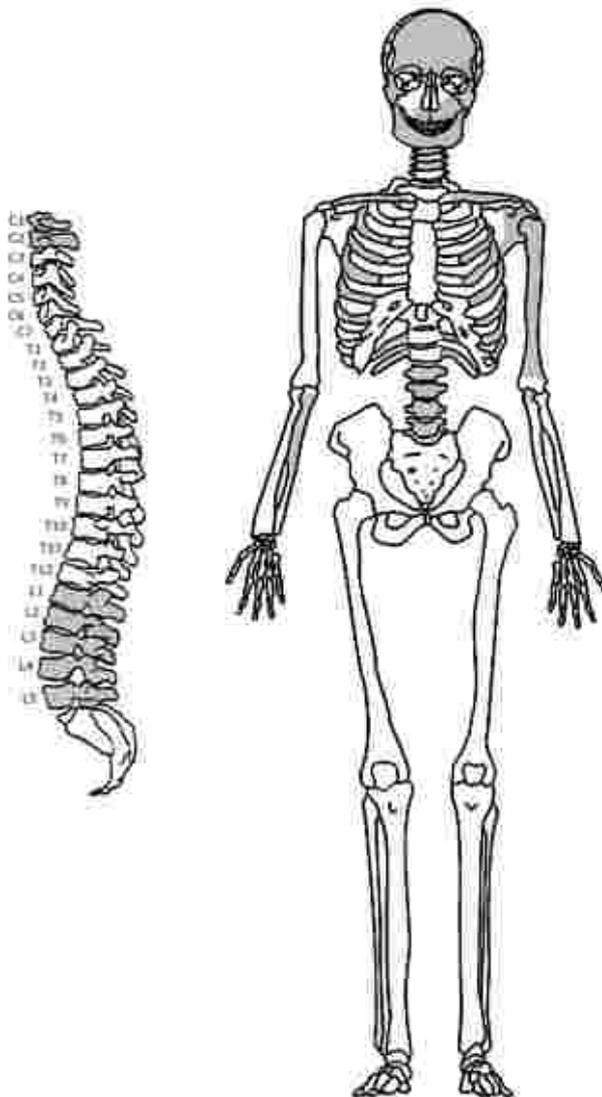
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	3	3	3	2	2	N/P	N/P	N/P	N/P	3	3	N/P	3	3	N/P
Period. Dis.	N/P	N/P	N/R	2	2	1	0	0	N/R	N/R	2	0	N/R	3	2	N/P
E.Hypoplasia	N/P	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	N/P	0	0	N/P
Cyst	N/P	N/P	0	0	0	0	0	0	0	0	1	0	N/R	1	0	N/P
Abscess	N/P	N/P	0	0	0	0	0	0	1	1	0	0	N/R	0	0	N/P
Caries	N/P	2	1	0	0	0	N/P	N/P	N/P	N/P	0	0	N/P	0	0	N/P
Calculus	N/P	2	2	1	0	1	N/P	N/P	N/P	N/P	1	1	N/P	0	1	N/P
	N/P	1	1	1	1	1	2	2	2	2	1	1	2	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Calculus	N/P	1	1	1	1	1	1	1	2	1	1	1	1	1	1	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0
Cyst	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	0	2	2	1	1	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0
Attrition	N/P	2	2	2	2	2	2	2	2	2	2	2	2	3	3	N/P

Dental Disease

Caries

Tooth 16: Small carious lesion present at the distal aspect of the tooth

Tooth 17: Medium-sized carious lesion present at the mesial aspect of the tooth

Cranial Pathology

Miscellaneous Pathology/ Congenital

Abnormality of Shape

There is asymmetry of the height of the mandibular ascending ramii whereby the left mandibular ramus is 8.3mm shorter than the right ramus. The aetiology of this abnormality of shape is unclear however the absence of compensatory DJD lesions at the mandibular condyles indicates this defect is likely to be congenital in origin.

Non-specific Stress Indicator

10 parietal bone fragments exhibit porosity and coalescing of foramina with increased thickening of the diploë. These lesions are located adjacent to the sutures and appear to be healing at the time of death.

SK 1145: Palaeopathological Summary and Differential Diagnoses

Dental Caries, periodontal disease, calculus, dental attrition

Congenital Asymmetry of Mandibular Ramii

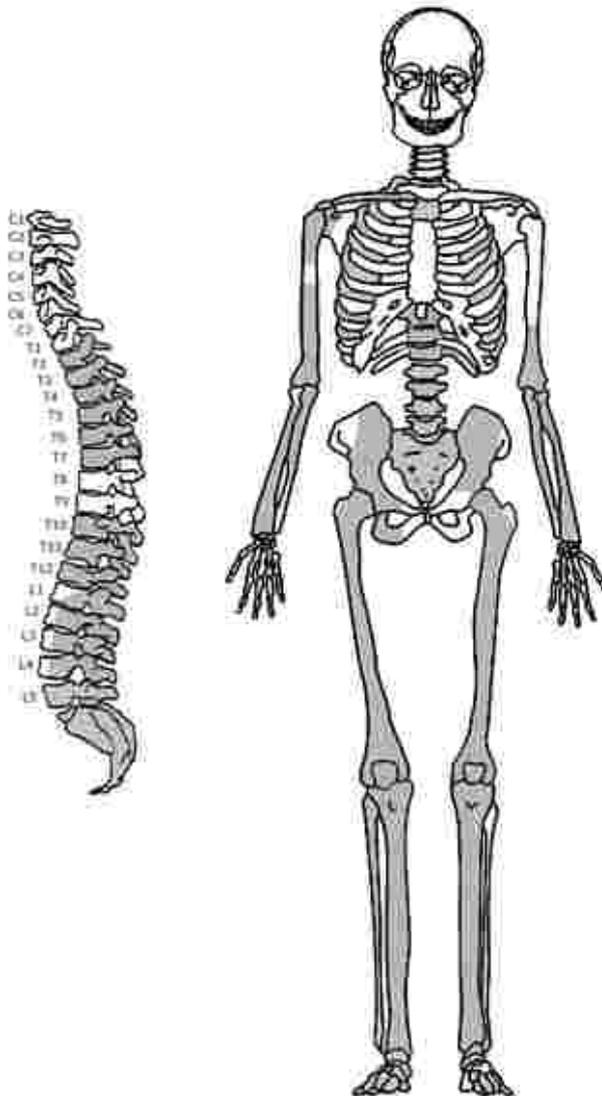
Miscellaneous Abnormality of Shape; Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis

SK 1146**Middle Adult****Female: 155.5cm****Burial Position and Details:**

Plan No: 38G

Area No: 24

W-E orientation; simple, extended prone burial of good completeness and moderate preservation. The left arm was extended with the right arm flexed at the elbow crossing under the pelvis. The hands positioned under the pelvic region.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the inferior vertebral body of L5 in the form of surface porosity and vertical syndesmophyte formation.

Congenital

Cranial Border Shift

There is lumbarisation of T12.

SK 1146: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Trauma</i>	Spondylolysis
<i>Congenital</i>	Cranial Border Shift

SK 1148**Young Adult****Male: 171.3cm****Burial Position and Details:**

Plan No: 35B

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	0	1	0	0	1	N/P	N/P	N/P	1	1	N/P	1	1	1	N/P
Period. Dis.	N/P	N/R	N/P	N/R	N/R	N/R	N/P									
E.Hypoplasia	N/P	0	0	0	0	0	N/P	N/P	N/P	0	0	N/P	0	0	0	N/P
Cyst	N/P	N/R	N/R	N/R	N/R	N/R	0	0	N/R	N/R	N/R	N/P	N/R	N/R	N/R	N/P
Abscess	N/P	N/R	N/R	N/R	N/R	N/R	0	0	N/R	N/R	N/R	N/P	N/R	N/R	N/R	N/P
Caries	N/P	2	0	0	0	0	N/P	N/P	N/P	0	0	N/P	0	0	1	N/P
Calculus	N/P	1	1	1	1	1	N/P	N/P	N/P	1	1	N/P	1	1	1	N/P
	N/P	1	1	1	1	1	2	2	2	1	1	N/P	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0
Attrition	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1

Dental Disease

Caries

Tooth 17: Medium sized carious lesion present on the distal aspect of the neck of the tooth penetrating the pulp cavity; approximately 30% of the tooth crown has been eroded by this lesion

Tooth 27: Small carious lesion present on the distal aspect of the neck of the tooth

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	0	0	N/R	N/R				0	0			
C6	0	3, 4	N/R	N/R				0	0			
C7	0	0	N/R	0				N/R	N/R			
L1	5	N/R	0	0				N/R	0			
L3	5	0	N/R	N/R				N/R	N/R			
I 4	0	0	N/R	0				0	0			
I 5	3, 4, 5	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of L1, L3 and L5.

SK 1148: Palaeopathological Summary and Differential Diagnoses

Dental Caries, calculus, dental attrition
Vertebral Schmorl's nodes

SK 1151**Young Adult****Male: 167.7cm****Burial Position and Details:**

Plan No: 38F

Area No: 24

W-E orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned facing east. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended straight with the feet crossing. SK1151 was found in association with the juvenile remains of SK1150 recovered from above the hands of SK1151.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	2	2	2	3	2	N/P									
Period. Dis.	N/P	0	3	3	3	2	3	3	N/P								
E.Hypoplasia	N/P	0	0	0	0	0	0	N/P									
Cyst	N/P	0	0	0	0	0	0	0	N/P								
Abscess	N/P	0	0	0	0	0	0	0	N/P								
Caries	N/P	0	0	0	0	0	0	N/P									
Calculus	N/P	0	0	1	1	1	1	N/P									
	N/P	2	1	1	1	1	1	1	N/P								
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Calculus	N/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Period. Dis.	N/P	2	3	2	2	3	3	3	3	3	3	3	2	2	3	2	N/P
Attrition	N/P	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2	N/P

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Tooth 28, 38 and 48 are missing congenitally.

Cranial Pathology

Miscellaneous Pathology

Unidentified Biological Object

An unidentified ossified object was recovered from the cranial fragments of SK 1151.

Cribræ Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-intermediate sector of the right orbital roof.

Non-specific Stress Indicator

Several cranial fragments exhibit porosity and coalescing of foramina with increased thickening of the diploë. These lesions are located adjacent to the sutures and appear to be healing at the time of death.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	N/R				0	N/R			
C3	0	0	0	N/R				N/R	N/R			
C4	0	0	0	0				0	0			
C7	0	0	0	0				0	N/R			
T1	N/R	N/R	0	0	0	N/R	N/R	0	0	N/R	N/R	N/R
T2	N/R	N/R	0	0	0	N/R	N/R	0	0	0	N/R	N/R
T3	N/R	N/R	0	0	0	0	N/R	0	0	0	N/R	N/R
T4	0	0	0	0	0	N/R	N/R	0	0	0	0	N/R
T5	0	0	0	0	0	0	N/R	0	0	0	N/R	N/R
T6	N/R	N/R	0	0	0	N/R	N/R	0	3, 4	N/R	N/R	3
T7	N/R	N/R	3	0	0	0	N/R	3	0	0	N/R	N/R
T8	0	0	0	0	0	0	3	0	3, 4	N/R	N/R	3, 4
T9	0	0	0	0	0	0	N/R	3	0	0	N/R	3
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	N/R		
T12	N/R	0	0	0	N/R			0	0	0		
I 1	0	0	0	0				3	0			
I 2	0	0	0	0				0	0			
I 3	0	0	0	0				0	0			
L4	3	0	0	0				0	0			
L5	3	0	0	0				0	0			

*Infection**Reactive Bone Formation*

SK 1151 exhibits bilateral periosteal reactive bone lesions at the lower leg long-bones. An extensive mixed reaction of both woven and sclerotic bone is present along the shafts of the left and right tibiae and fibulae. Sclerosis of some of these lesions indicates a degree of healing before the time of death.

Joint

SK 1151 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Left and right glenoid fossa
<i>Hand</i>	Surface osteophytes	Left MC1
<i>Knee</i>	Marginal osteophytes	Right Femoral Lateral Condyle Right Tibial Condyles

Congenital

Supernumerary Vertebra

S6 is present.

SK 1151: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, periodontal disease, calculus, dental attrition, congenitally absent 3 rd molars
<i>Vertebral</i>	Schmorl's nodes
<i>Joint</i>	DJD
<i>Metabolic</i>	CO, Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Congenital</i>	Supernumerary Vertebra
<i>Miscellaneous</i>	Ossified biological object

SK 1152

Adult

Sex Not Recordable

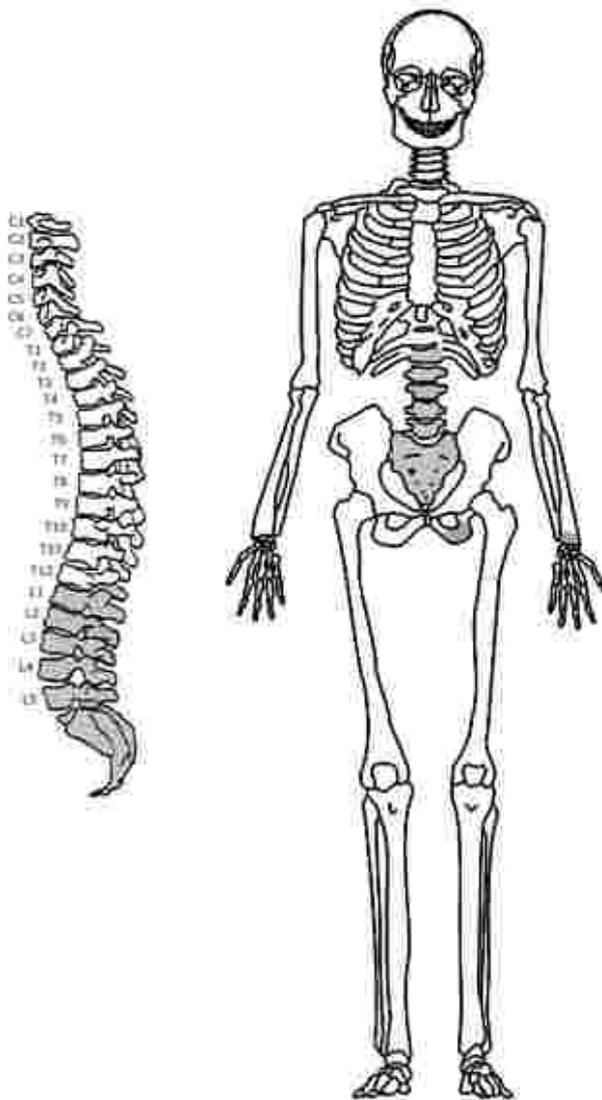
Burial Position and Details:

Plan No: 41E

Area No: 25

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 1152: Palaeopathological Summary and Differential Diagnoses

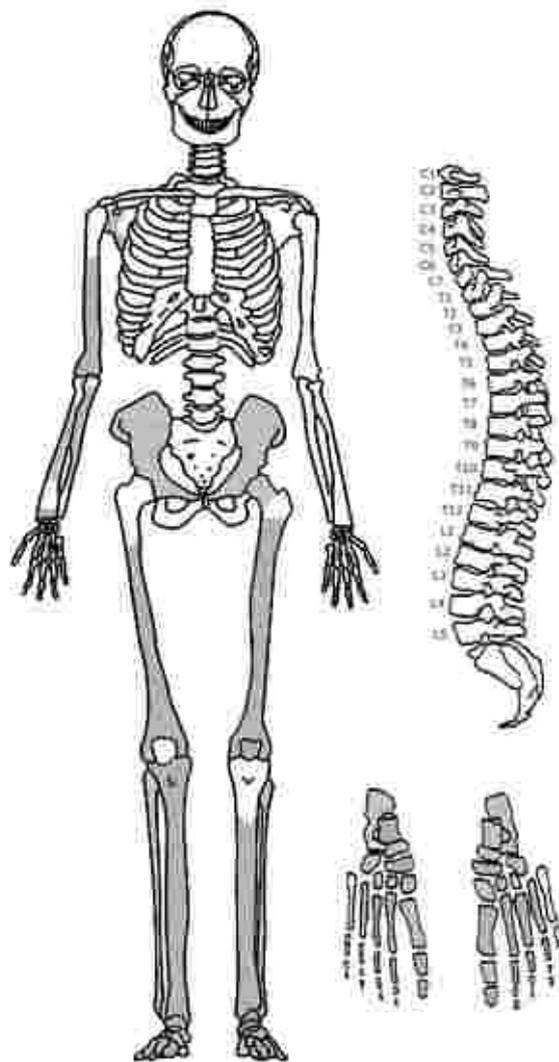
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1154**Adult****Probable Female****Burial Position and Details:**

Plan No: 50A

Area No: 24/27

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The right arm was extended with the right hand positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

SK 1154: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1159

Middle Adult

Female: 149.9cm

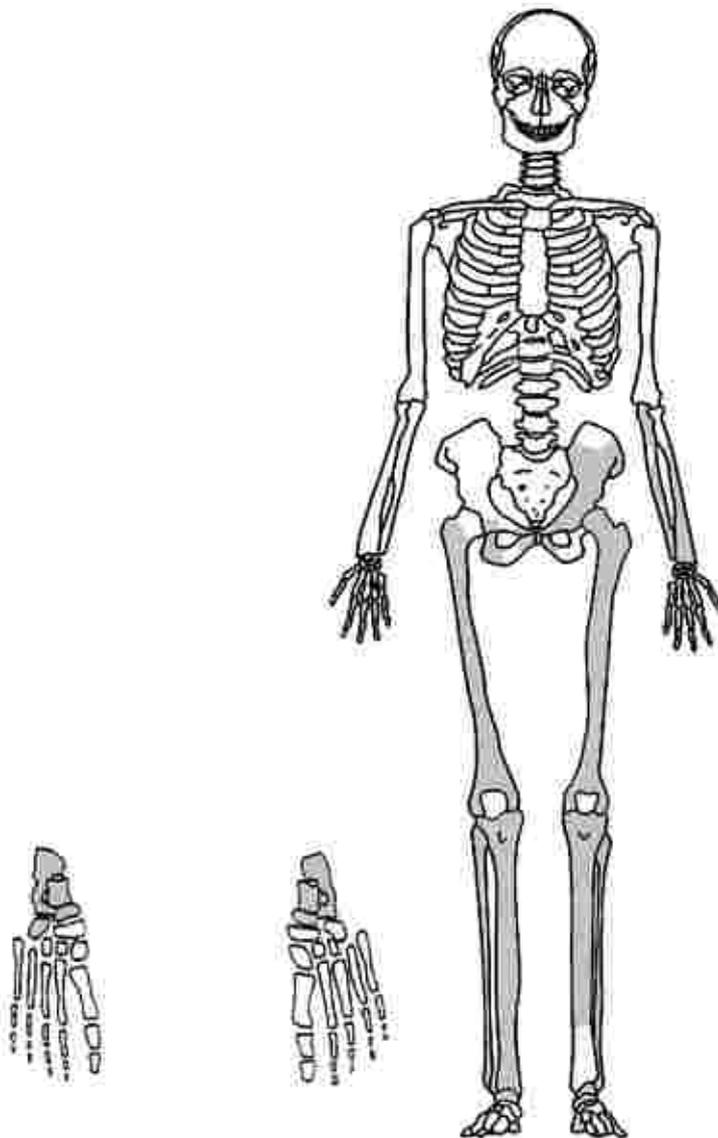
Burial Position and Details:

Plan No: 52

Area No: 30

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 1159: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1160

Young Adult

Probable Female

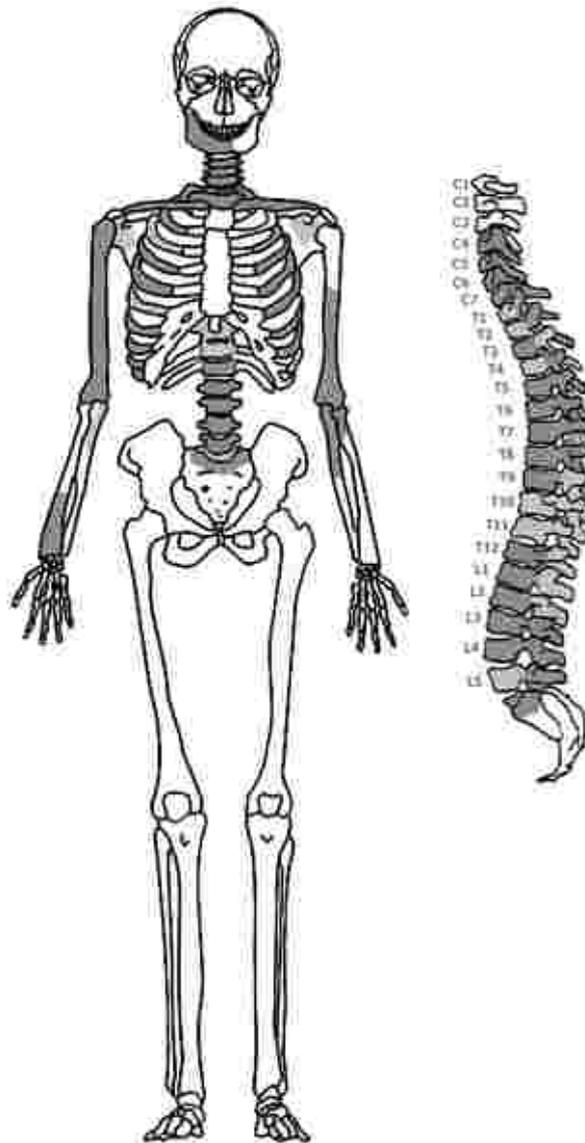
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	2	2	2	2	2	2	N/R	N/R	N/R	N/R	N/R	N/R	N/P	N/P
Calculus	1	1	N/R	N/P	N/P											
Caries	0	0	N/R	N/P	N/P											
Abscess	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/P	N/P
Cyst	0	0	0	0	0	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/P	N/P
E.Hypoplasia	0	0	N/R	N/P	N/P											
Period. Dis.	0	0	N/R	N/P	N/P											
Attrition	1	1	N/R	N/P	N/P											

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		N/P	N/P	N/P				N/P	N/P			
C2	N/P	N/P	N/P	N/P				N/P	N/P			
C3	N/P	N/P	N/P	N/P				N/P	N/P			
C4	0	0	0	N/R				0	0			
C5	0	4	0	0				0	0			
C6	4	3, 4	0	0				0	0			
C7	4	N/R	0	0				0	0			
T1	N/R	0	0	0	N/R	N/R	0	0	0	N/R	N/R	N/R
T2	N/R	0	0	2, 3, 4	0	N/R	3	0	0	0	N/R	0
T3	0	0	2, 3, 4	N/R	0	0	0	0	N/R	0	0	N/R
T4	0	0	3	0	0	N/R	N/R	0	0	0	N/R	N/R
T5	0	0	0	3, 4	N/R	0	N/R	3	3, 4	0	0	N/R
T6	0	0	2, 3, 4	3, 4	0	0	N/R	4	N/R	N/R	0	N/R
T7	4	0	2, 3, 4	3, 4	0	0	N/R	0	0	0	0	N/R
T8	0	0	3, 4	0	0	N/R	N/R	0	0	0	0	N/R
T9	3	0	0	N/R	0	0	0	0	N/R	0	0	N/R
T10	0	0	0	N/R	N/R			0	0	0		
T11	0	4	N/R	N/R	N/R			0	0	0		
T12	0	0	3	N/R	4			3	N/R	3, 4		
L1	0	0	N/R	N/R				N/R	0			
L2	0	0	N/R	N/R				0	N/R			
L3	0	0	N/R	0				0	0			
L4	3	0	0	3				0	0			
L5	0	N/R	3	3				3	3			

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right superior apophyseal vertebral facets of T3, T6 and T7 and the right inferior apophyseal facet of T2 in the form of eburnation, surface porosity and marginal osteophyte formation.

Joint

SK1160 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	1x Left Costal Facet 1x Right Costal Facet

SK 1160: Palaeopathological Summary and Differential Diagnoses

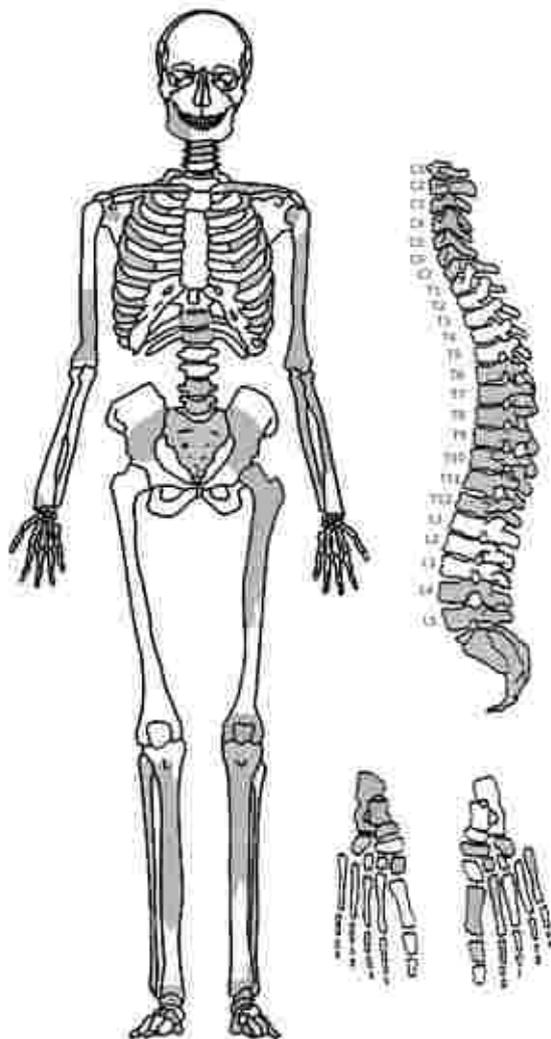
<i>Dental</i>	Calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis, Osteoarthritis, DJD
<i>Joint</i>	DJD

SK 1162**Middle Adult****Female: 157.9cm****Burial Position and Details:**

Plan No: Not specified

Area No: 28/31

SE-NW orientation; simple, extended supine burial of moderate completeness and good preservation. Both arms were flexed at the elbow crossing the pelvis with the right hand positioned below the pelvic region. Both legs were extended. SK1162 was found in association with a number of quartz pieces recovered from the grave cut.

Visual Inventory

Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100

Average preservation: Grade 1

Dentition

	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P							
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	4	1	1	2	1	1	N/P	N/P		N/P							
Calculus	N/R	2	2	N/P	2	2	N/P	N/P		N/P							
Caries	N/R	0	0	N/P	0	0	N/P	N/P		N/P							
Abscess	N/R	0	0	0	N/R	N/R	N/P	N/P		N/P							
Cyst	N/R	0	0	0	N/R	N/R	N/P	N/P		N/P							
E.Hypoplasia	N/R	0	0	N/P	0	0	N/P	N/P		N/P							
a																	
Period. Dis.	N/R	N/R	N/R	N/R	N/R	N/R	N/P	N/P		N/P							
Attrition	N/R	2	2	N/P	1	1	N/P	N/P		N/P							

Dental Disease

Antemortem Tooth Loss

SK 1162 exhibits antemortem tooth loss of a mandibular 3rd molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R.Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		N/R	0	0				N/R	N/R			
C2	N/R	0	0	0				0	N/R			
C3	3	0	0	0				0	0			
C4	4	0	0	0				0	0			
C5	4	0	0	0				0	N/R			
C6	0	3	N/R	N/R				N/R	N/R			
C7	3, 4	0	N/R	N/R				N/R	N/R			
T1	1 thoracic body (unnumbered has microporosity on the costal facets affecting both the right, left and inferior and superior facets). The rest of the vertebral fragments have no pathological lesions evident.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T1												
T1												
T1	No pathological lesions are evident											
L1												
L2												
L3												
L4												
L5												

*Infection**Reactive Bone Formation*

SK 1162 exhibits bilateral periosteal reactive bone lesions at the right femur, right and left tibiae and calcaneus, the left fibula and left humerus. Reactive woven bone deposits are present on the lateral aspect of the left and right tibiae, the distal shaft of the left fibula and the medial aspect of the left calcaneus. Sclerotic bone is present at medial aspect of the right calcaneus and at the distal shaft of the left humerus. A mixed reaction of both woven and sclerotic bone is observable at the distal shaft of the right femur. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Joint

SK 1162 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Marginal osteophytes	Left and Right Clavicle
<i>Sternoclavicular</i>	Marginal osteophytes	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes, surface porosity	Left Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	2x Left Costal Facets 2x Right Costal Facets
<i>Elbow</i>	Surface porosity	Left proximal radius
<i>Wrist</i>	Surface porosity	Left distal ulna
<i>Hip</i>	Periarticular resorptive foci	Left Acetabulum

SK 1162: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Joint</i>	DJD
<i>Infection</i>	Non-specific: reactive bone deposits

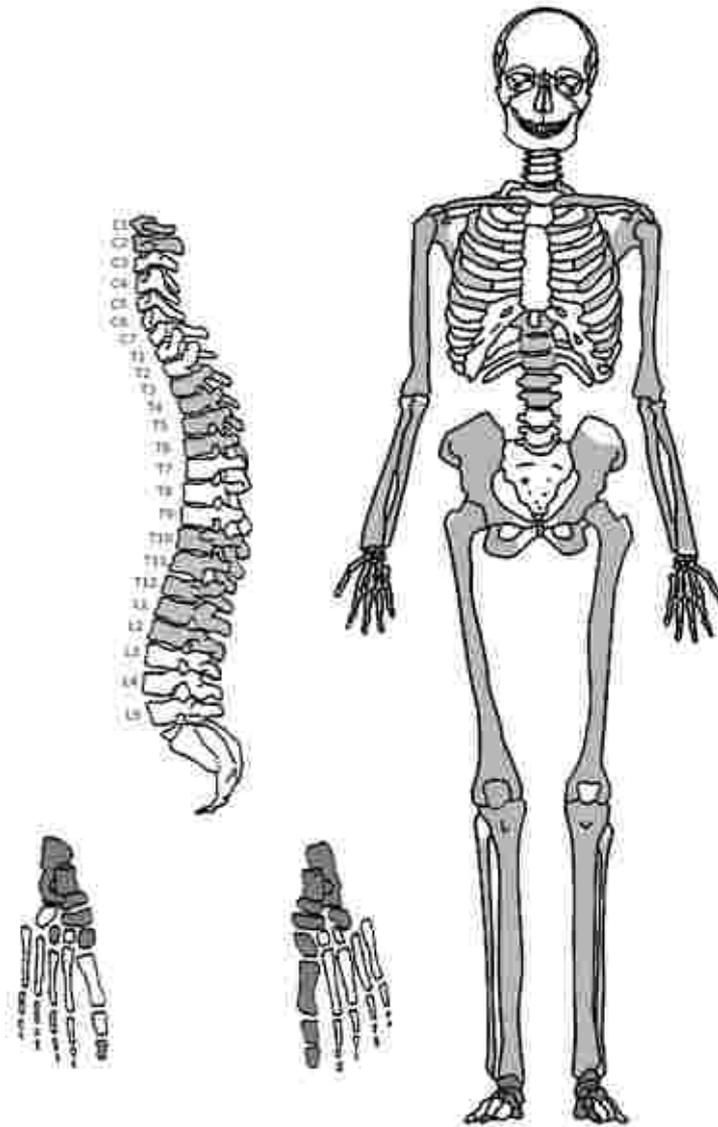
SK 1163**Young Adult****Male: 165.3cm****Burial Position and Details:**

Plan No: Not specified

Area No: 25/31

Orientation not specified: simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Congenital/ Trauma

Hypoplastic Hamulus/ Possible Fracture

SK 1163 exhibits hypoplasia of the hamulus of the left hamate so that the characteristic hook-shaped projection has failed to develop, or is underdeveloped as the result of a fracture in this location.

SK 1163 Palaeopathological Summary and Differential Diagnoses

*Congenital/ Hypoplastic Hamulus
trauma*

SK 1165B

Adult

Sex Not Recordable

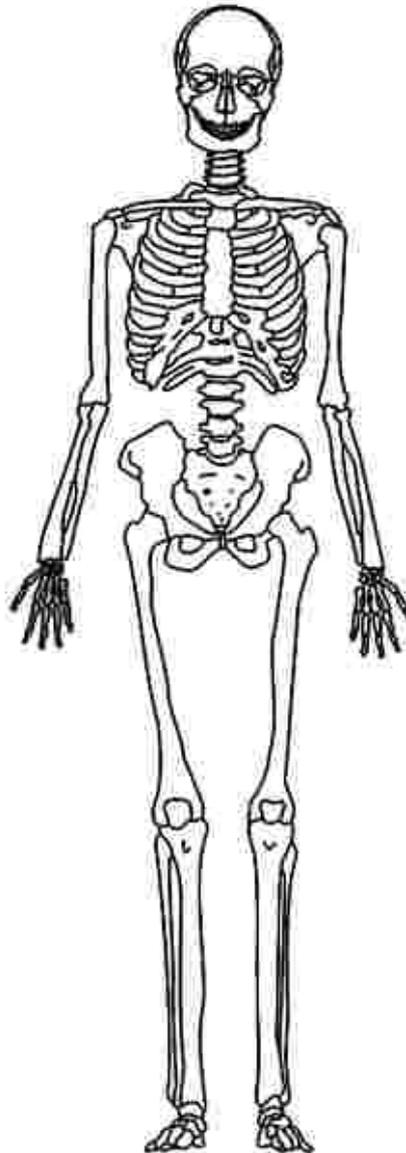
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Post Cranial Pathology

Miscellaneous Pathology

Abnormal Bone Loss

The 4th proximal hand phalanx exhibits a lesion of abnormal bone loss on the dorsal aspect of the distal shaft. The lesion is circular in shape and measures 2.64mm medial-lateral and 2.95mm proximal-distal. The bone loss affects the cortical bone and is 1.46mm in depth. Partial healing is observable at the lesion's boundary in the form of sclerotic bone formation.

SK 1165B: Palaeopathological Summary and Differential Diagnoses

Miscellaneous Abnormal Bone Loss

SK 1166

Adult

Sex Not Recordable

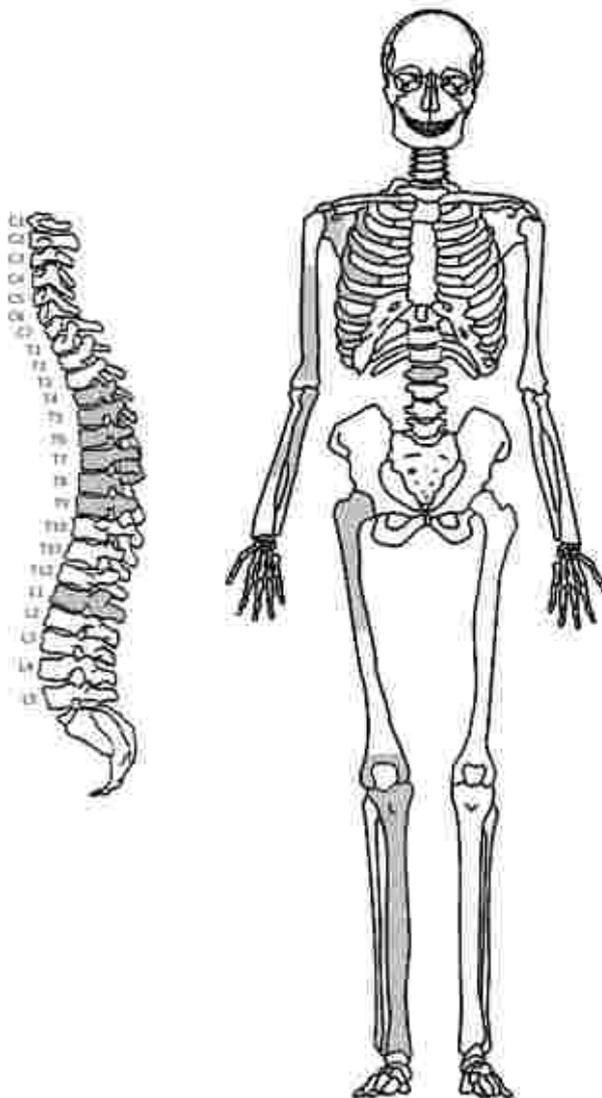
Burial Position and Details:

Plan No: 38H

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. Both the right arm and right leg were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1166: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1168A

Young Adult

Female: 150.6cm

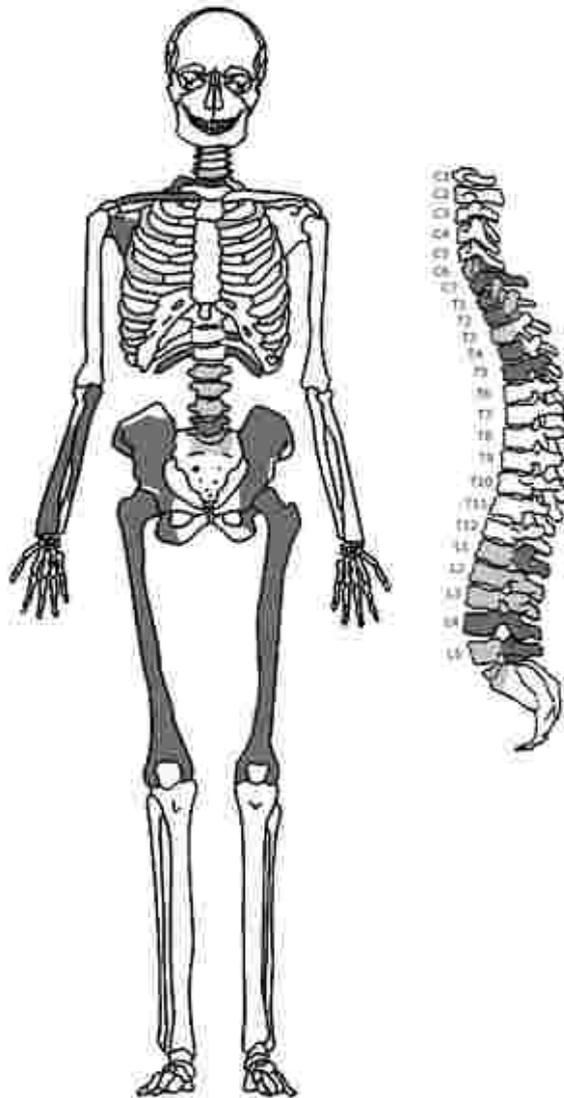
Burial Position and Details:

Plan No: 38

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C6	N/R	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	N/R
T2	0	0	0	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T3	5	5	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T4	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R
T5	0	0	0	0	0	0	0	0	0	0	0	N/R
I 1	N/R	N/R	0	0				0	0			
I 2	0	0	4	0				N/R	0			
L3	5	5	0	N/R				N/R	N/R			
L4	0	0	0	0				0	0			
L5	0	N/R	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T3 and L3.

SK 1168A: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes

SK 1168B	Young Adult	Sex Not Recordable
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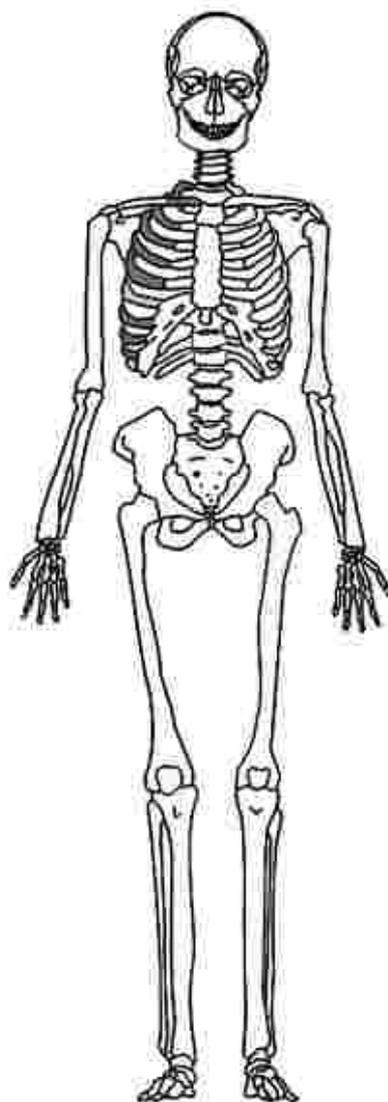
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 1168B: Palaeopathological Summary and Differential Diagnoses

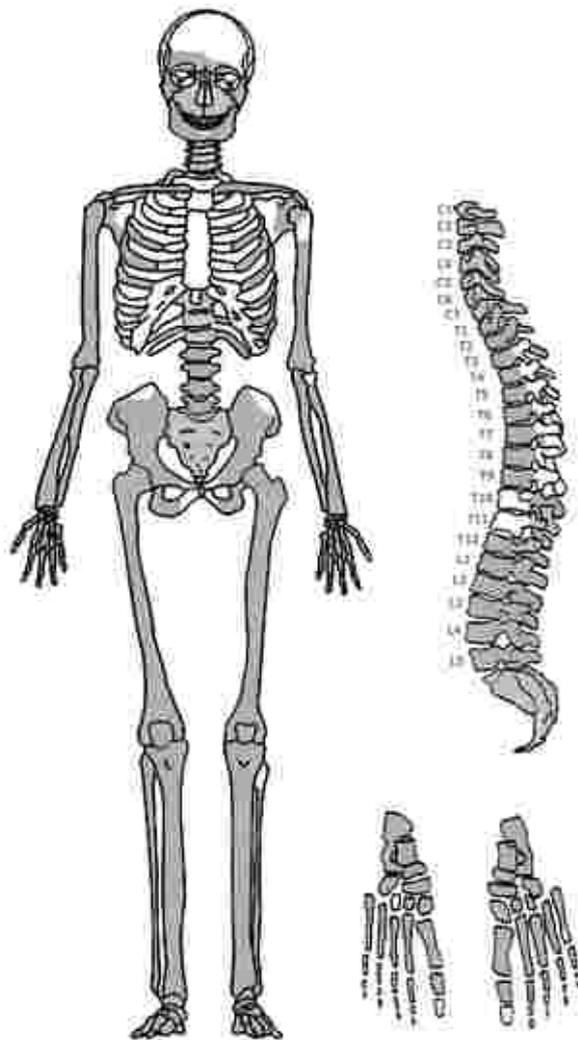
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1171**Young Adult****Male: 170.1cm****Burial Position and Details:**

Plan No: 46

Area No: 28

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The skull was positioned on the right side. The right arm was flexed at the elbow crossing the pelvis with the left arm extended. The right hand was positioned over the pelvic region with the left hand over the left leg. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Dentition

Attrition	0	0	0	1	1	1	1	1	1	1	1	0	0	0	2	0	0
Period. Dis.	0	0	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	4	1	4	1	1	1	2	1	1	1	2	1	1	1	1	1	
Calculus	N/P	2	N/P	1	1	1	N/P	2	2	2	1	1	1	N/R	1	1	
Caries	N/P	0	N/P	0	0	0	N/P	0	0	0	0	0	0	3	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	N/P	0	0	0	N/P	0	0	0	0	0	0	N/R	0	0	
Period. Dis.	0	0	0	1	0	0	0	N/R	0	0	0	0	0	3	0	0	
Attrition	N/P	1	N/P	1	1	1	N/P	1	1	1	1	0	0	N/R	0	0	

Dental Disease

Antemortem Tooth Loss

SK 1171 exhibits antemortem tooth loss of 2 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth site of Tooth 46 with only partial resorption of the tooth socket of Tooth 48.

Caries

Tooth 16: Slight carious lesion present on occlusal surface of tooth

Tooth 17: Slight carious lesion present on occlusal surface of tooth

Tooth 36: This tooth has been eroded by a large carious lesion so that only one root remains; associated abscess/ cyst at base of tooth; partial resorption at tooth socket

Congenital Abnormalities of the Teeth/ Jaws

A diastema is present between Tooth 11 and 12 and Tooth 21 and 22 measuring 2.58mm and 3.38mm in width respectively.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate, antero-medial and middle-lateral sector of the left orbital roof and the antero-medial sector of the right orbital roof.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				N/R	N/R			
C3	0	0	N/R	N/R				N/R	N/R			
C4	0	0	0	0				N/R	N/R			
C5	0	0	0	0				N/R	N/R			
C6	0	0	0	0				N/R	N/R			
C7	0	0	N/R	N/R				N/R	N/R			
T1	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	N/R
T2	N/R	0	0	0	N/R	N/R	N/R	0	0	0	N/R	N/R
T3	0	0	0	0	0	0	0	0	N/R	0	0	N/R
T4	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	0	N/R	N/R
T5	0	0	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	N/R
T6	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	0	5	N/R	N/R	0	N/R	N/R	0	N/R	0	0	N/R
T8	5	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T9	0	0	0	N/R	0	N/R	N/R	N/R	N/R	0	N/R	N/R
T11	N/R	N/R	N/R	0	N/R			0	0	N/R		
T12	N/R	0	0	0	N/R			0	0	N/R		
L1	N/R	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	N/R	0	0	0				0	0			
L4	N/R	0	0	N/R				0	0			
L5	0	N/R	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T7 and T8.

Infection

Reactive Bone Formation

SK 1171 exhibits periosteal reactive bone lesions at the left tibia and fibula. Reactive woven bone deposits are present at the posterior-medial aspect of the distal shaft of the left tibia and the distal shaft of the left fibula.

SK 1171: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, diastema
Vertebral Schmorl's nodes
Metabolic CO
Infection Non-specific: reactive bone deposits

SK 1172

Adult

Sex Not Recordable

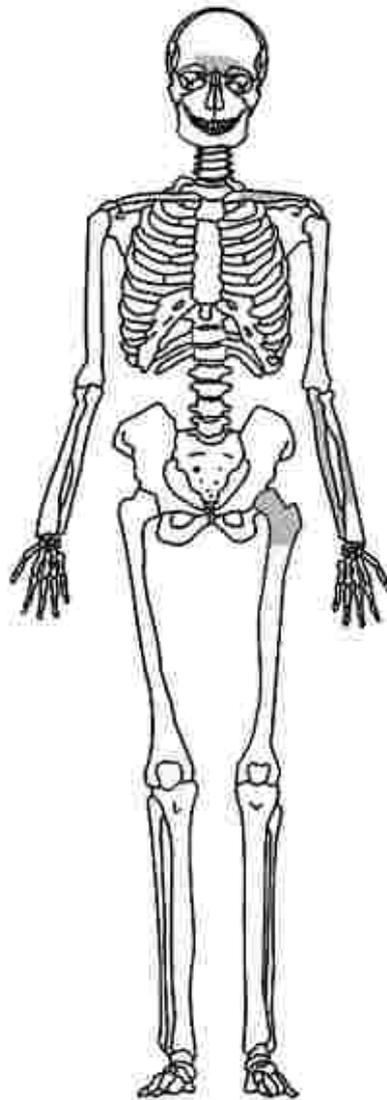
Burial Position and Details:

Plan No: 46A

Area No: 28

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	2	N/P	N/P	N/P	N/P	N/P									
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	N/P	N/P	N/P	N/P	N/P									
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	N/P	N/P	N/P	N/P	N/P									
Calculus	N/P	1	N/P	N/P	N/P	N/P	N/P									
	N/P	1	N/P	N/P	N/P	N/P	N/P									
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1172 exhibits extensive periosteal reactive bone lesions at the left lower arm and femur. Reactive woven bone deposits are present at the lateral-anterior and lateral-posterior aspects of the shaft of the left ulna and the anterior and posterior aspects of the left radius. Woven bone is also observable on the anterior aspect of the proximal shaft of the left femur.

SK 1172: Palaeopathological Summary and Differential Diagnoses

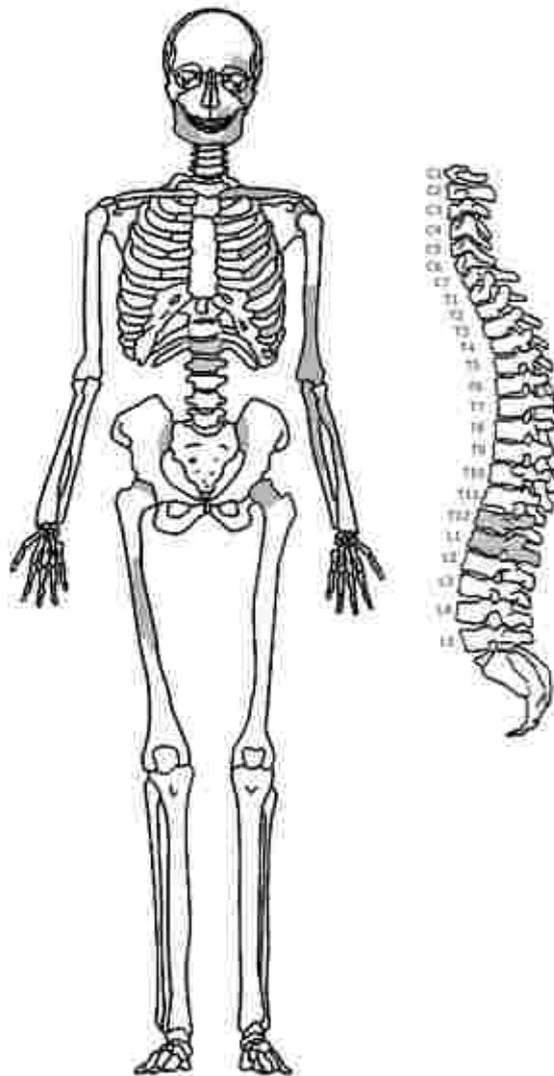
Dental Calculus, dental attrition
Infection Non-specific: reactive bone deposits

SK 1173**Middle Adult****Probable Male****Burial Position and Details:**

Plan No: 38F

Area No: 2

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The skull was positioned facing north. The left arm was extended.

Visual Inventory**Preservation**

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	N/P	N/P	N/P	N/P	2	N/P	N/P	N/P	N/P	2	1	1	N/P	N/P	N/P
Period. Dis.	N/P	0	1	0	N/P	N/P	N/P									
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P
Cyst	N/P	0	0	0	N/P	N/P	N/P									
Abscess	N/P	0	0	0	N/P	N/P	N/P									
Caries	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	0	0	1	N/P	N/P	N/P
Calculus	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	1	1	1	N/P	N/P	N/P
	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	1	1	1	N/P	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	2	1	1	N/P	N/P	N/P	N/P	N/P	1	N/P	1	1	1
Calculus	1	0	1	N/P	1	1	N/P	N/P	N/P	N/P	N/P	1	N/P	1	1	1
Caries	1	1	1	N/P	1	0	N/P	N/P	N/P	N/P	N/P	0	N/P	0	2	1
Abscess	0	0	0	0	N/R	0	0	0								
Cyst	0	0	0	0	N/R	0	0	0								
E.Hypoplasia	0	0	0	N/P	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	0	0	0
Period. Dis.	0	0	0	0	N/R	0	0	2								
Attrition	2	2	2	N/P	2	2	N/P	N/P	N/P	N/P	N/P	2	N/P	2	1	1

Dental Disease

Caries

Tooth 25: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 36: Medium sized carious lesion present on the distal aspect of the neck of the tooth penetrating the pulp cavity.

Tooth 38: Small carious lesion present on the buccal aspect of the neck of the tooth.

Tooth 44: Small carious lesion present on the distal aspect of the neck of the tooth

Tooth 46: Small carious lesion present on the mesial aspect of the neck of the tooth.

Tooth 47: Small carious lesion present on the buccal aspect of the neck of the tooth.

Tooth 48: Small carious lesion present on the buccal aspect of the neck of the tooth

Cranial Pathology

*Metabolic**Cribræ Orbitalia (CO)*

Type 1 (scattered fine foramina) CO is exhibited in the antero-lateral and antero-intermediate sector of the left orbital roof.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T12	0	0	N/R	N/R	4			0	N/R	4		
L1	1 lumbar centrum present; unable to number due to fragmentation; superior body exhibits marginal syndemophytes (vertical to surface); inferior surface exhibits slight marginal osteophytes											
L2												
L3												
L4												
L5												

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral body of an unnumbered lumbar vertebra.

SK 1173: Palaeopathological Summary and Differential Diagnoses

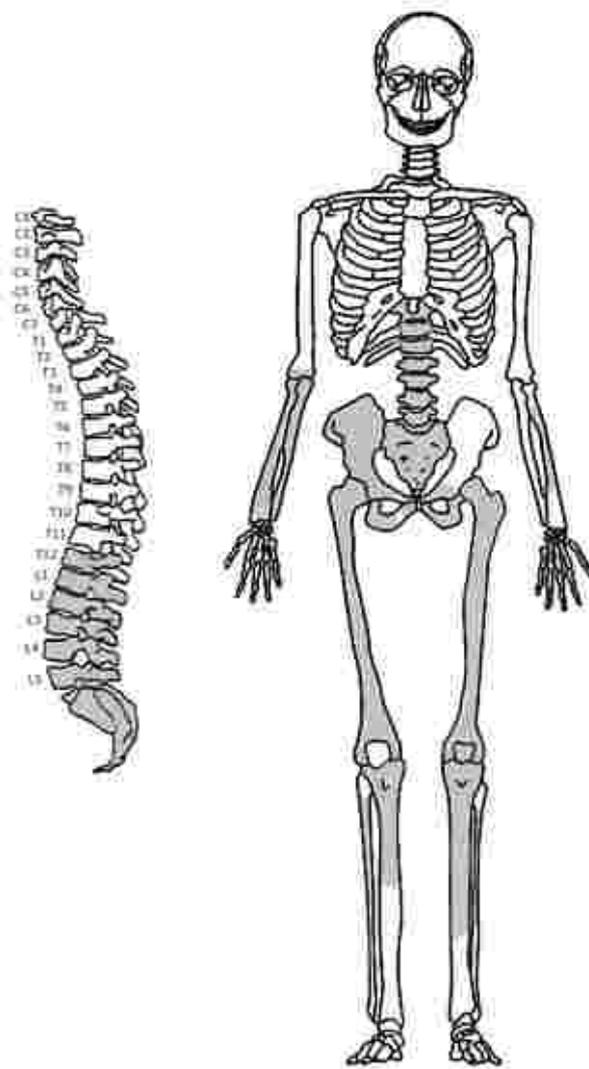
Dental Caries, periodontal disease, calculus, dental attrition
Vertebral Intervertebral osteochondrosis
Metabolic CO

SK 1175**Middle Adult****Female: 143.4cm****Burial Position and Details:**

Plan No: 35B3

Area No: 17

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The right arm and both legs were extended with the hands positioned over the pelvic region. SK1175 was found in association with finds F86: a quartz piece recovered from the left hand and F85: a scallop shell recovered from the right chest region.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: <25%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L5

Congenital

Supernumerary Vertebra

L6 is present

Caudal Border Shift

There is sacralisation of L6.

SK 1175: Palaeopathological Summary and Differential Diagnoses

Trauma Spondylolysis
Congenital Supernumerary vertebra, Caudal Border Shift

SK 1177

Adult

Sex Not Recordable

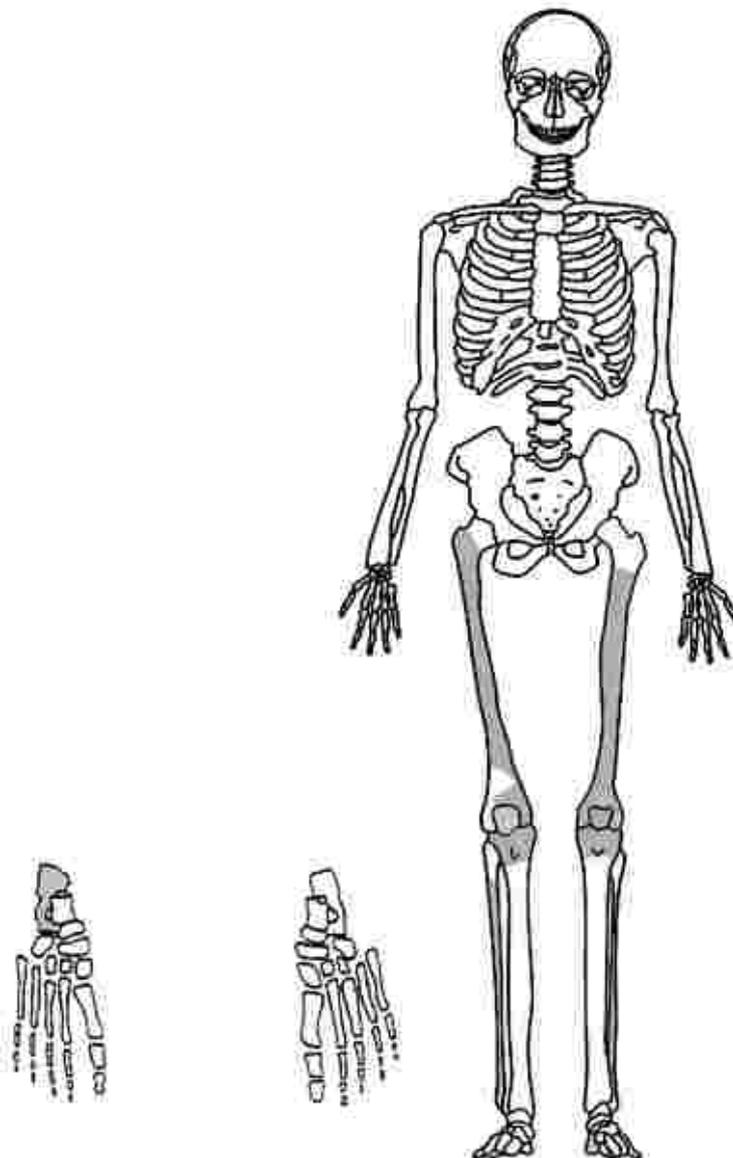
Burial Position and Details:

Plan No: Not specified

Area No: 27

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

SK 1177: Palaeopathological Summary and Differential Diagnoses

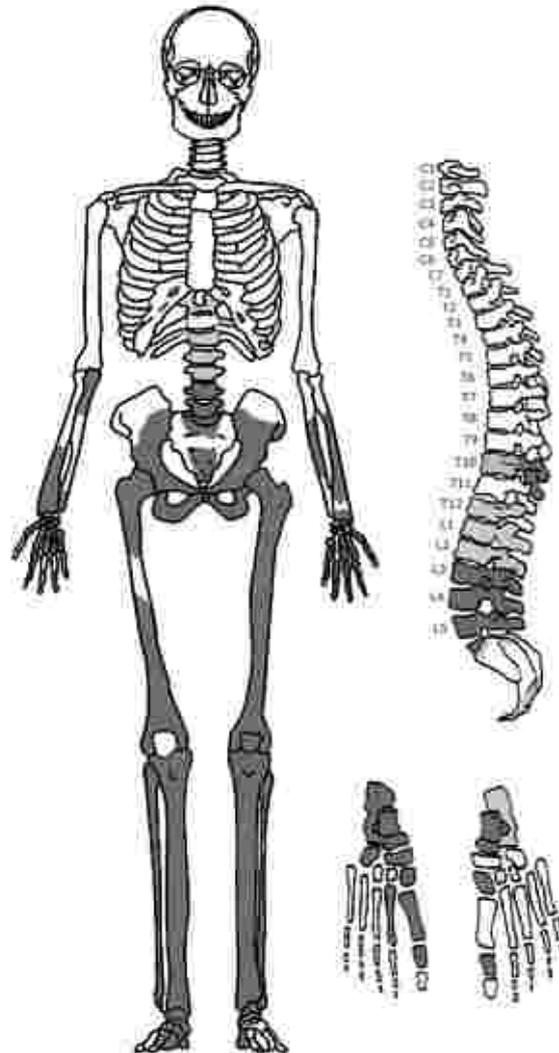
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1178**Young Adult****Female: 147.1cm****Burial Position and Details:**

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of good completeness and good preservation. The hands were positioned over the pelvic region. SK1178 was found in association with the foetal remains of SK 1174 recovered from just above the pelvic region of SK1178.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%
 Approximate Fragmentation: 75-100%
 Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T10	4	0	0	0	N/P			0	0	0		
T12	N/R	N/R	0	N/R	N/R			0	N/R	N/R		
L1	4	4, 5	0	0				N/R	0			
L2	N/R	0	0	N/R				0	N/R			
L3	N/R	3, 4	0	3				N/R	4			
L4	N/R	4	3	3, 4				0	3, 4			
L5	0	0	3	0				3	3			
L6	0	4	3	3				3	3			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L1.

Joint

Enthesophyte Formation

Vertical enthesophyte formation is present at the attachment for the Achilles tendon on the posterior right calcaneus.

Trauma

Spondylolysis

Bilateral spondylolysis is exhibited at the pars interarticularis of L6

Congenital

Supernumerary Vertebra

L6 is present

SK 1178: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Schmorl's node
<i>Trauma</i>	Spondylolysis
<i>Congenital</i>	Supernumerary vertebra
<i>Joint</i>	Enthesophyte Formation

SK 1179

Young- Middle Adult

Male: 161.2cm

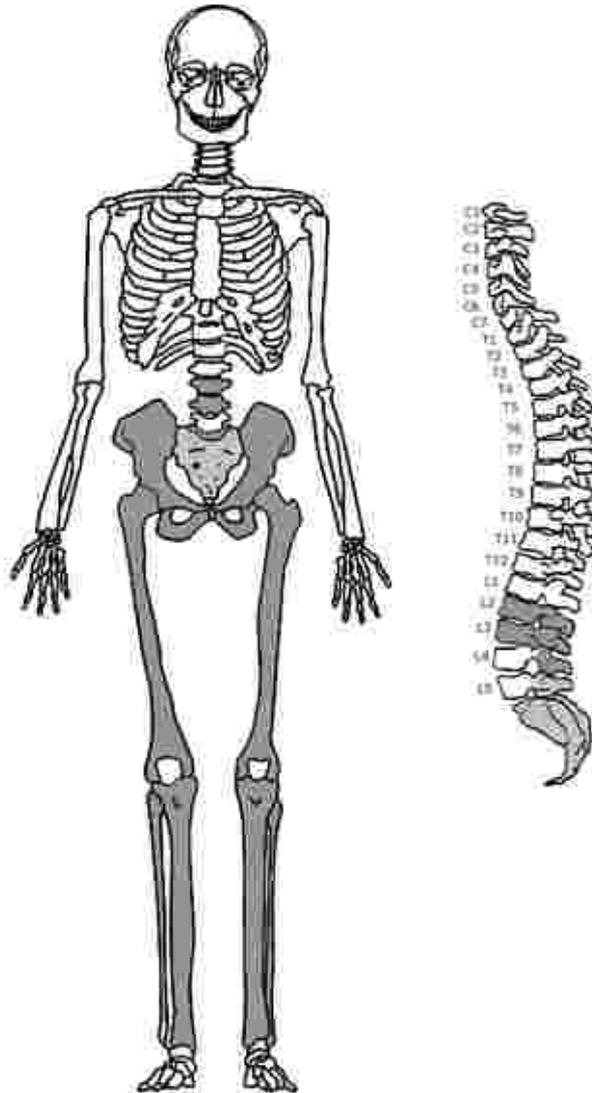
Burial Position and Details:

Plan No: 35B

Area No: 17

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 0

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
L2	N/R	N/R	3	0				3	0			
L3	3	0	3	0				3	3			
L4	N/R	N/R	3	0				3	0			
L5	3	3	N/R	N/R				N/R	N/R			

SK 1179: Palaeopathological Summary and Differential Diagnoses

Vertebral DJD

SK 1180

Middle Adult

Female

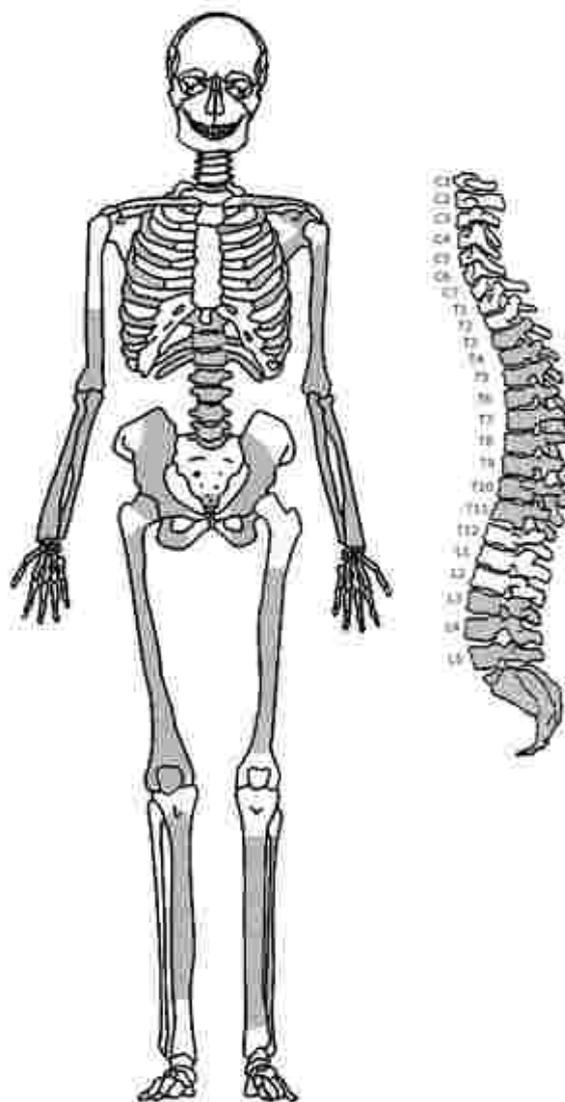
Burial Position and Details:

Plan No: 43G

Area No: 25

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1180 exhibits bilateral periosteal reactive bone lesions at the left femur, fibula, left and right tibiae and the right MC1. Reactive woven bone deposits are present at the distal shaft of the left femur. Sclerotic bone is present at both the mid-shaft of the left fibula, right tibia and the palmar aspect of the right MC1. A mixed reaction of both woven and sclerotic bone is present at the mid-shaft of the left tibia. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

Trauma

Fractures

A Colles' fracture is evident in the distal right radius, with associated new bone formation. Both the cortical and periosteal bone is affected by this new lamellar bone formation which has resulted in extensive diaphyseal thickening and deformation of the distal diaphysis. Diaphyseal thickening has inhibited further assessment. Probable secondary DJD is observable at the distal articular surface of the radius in the form of marginal osteophyte and/or enthesophyte formation resulting in joint contour change.

A fracture is also present at the distal right ulna. The fracture line is no longer evident and there is no observable healing. This possible fracture may have resulted in secondary DJD at the affected ulnar-carpal joint in the form of marginal osteophyte formation and surface porosity.

Joint

SK 1180 exhibits pathological lesions indicative of degenerative joint disease/ and or osteoarthritis at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Surface porosity	1x Right Costal Facet
<i>Elbow</i>	Surface porosity, subchondral bone loss	Right proximal radius
<i>Wrist</i>	Surface porosity, surface osteophytes, marginal osteophytes	Right distal ulna, radius, scaphoid, lunate, triquetrum, trapezoid and capitate
<i>Hand</i>	Marginal osteophytes	Right MC1

SK 1180: Palaeopathological Summary and Differential Diagnoses

<i>Joint</i>	DJD, Osteoarthritis
<i>Infection</i>	Non-specific: reactive bone deposits, osteitis
<i>Trauma</i>	Fracture

SK 1181

Middle Adult

Probable Male

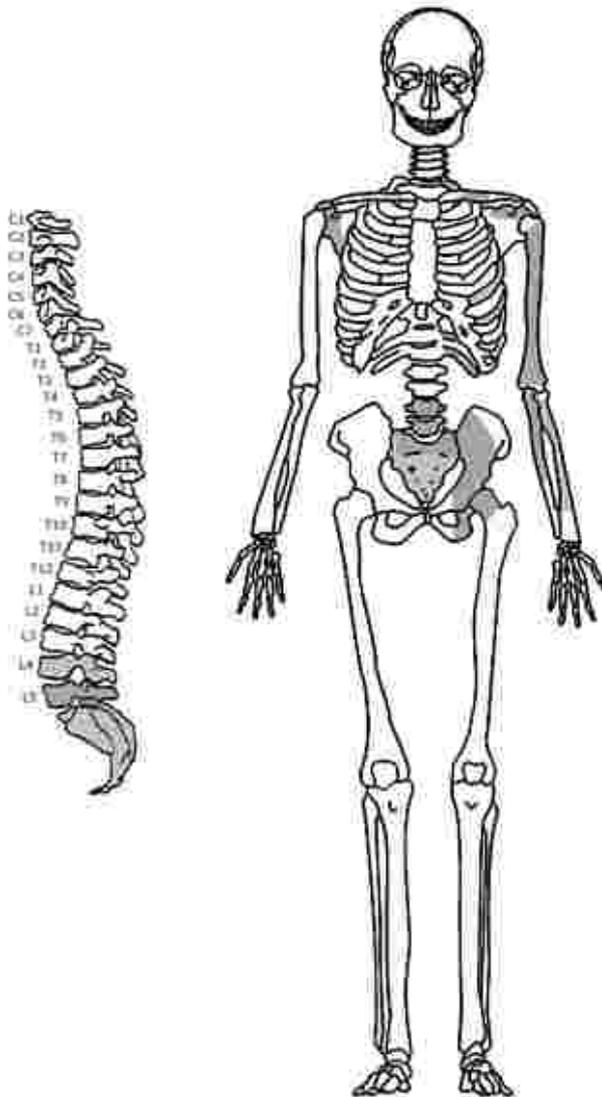
Burial Position and Details:

Plan No: 50

Area No: 24/27

W-E orientation; simple, extended burial on left side of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1181: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1182

Adult

Sex Not Recordable

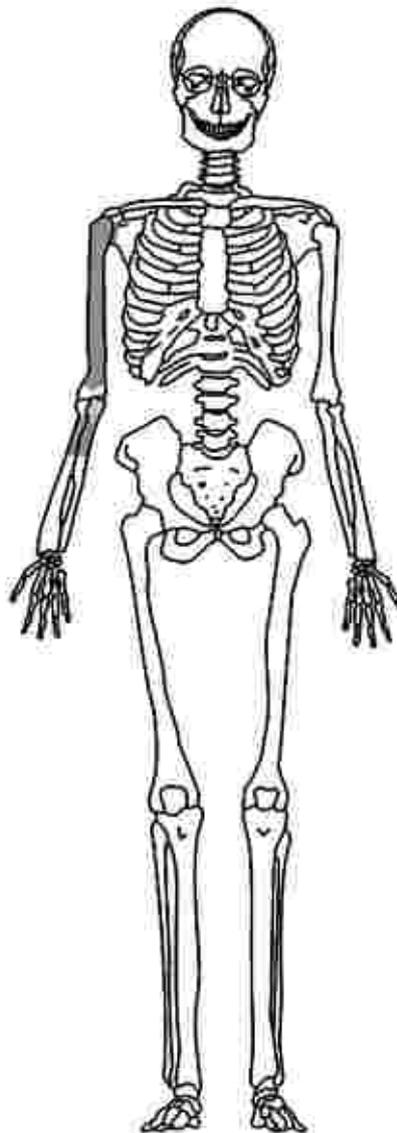
Burial Position and Details:

Plan No: 50

Area No: 24/27

Orientation not specified; simple, extended supine burial of poor completeness and moderate preservation. The right arm was flexed at the elbow crossing the pelvis.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1182: Palaeopathological Summary and Differential Diagnoses

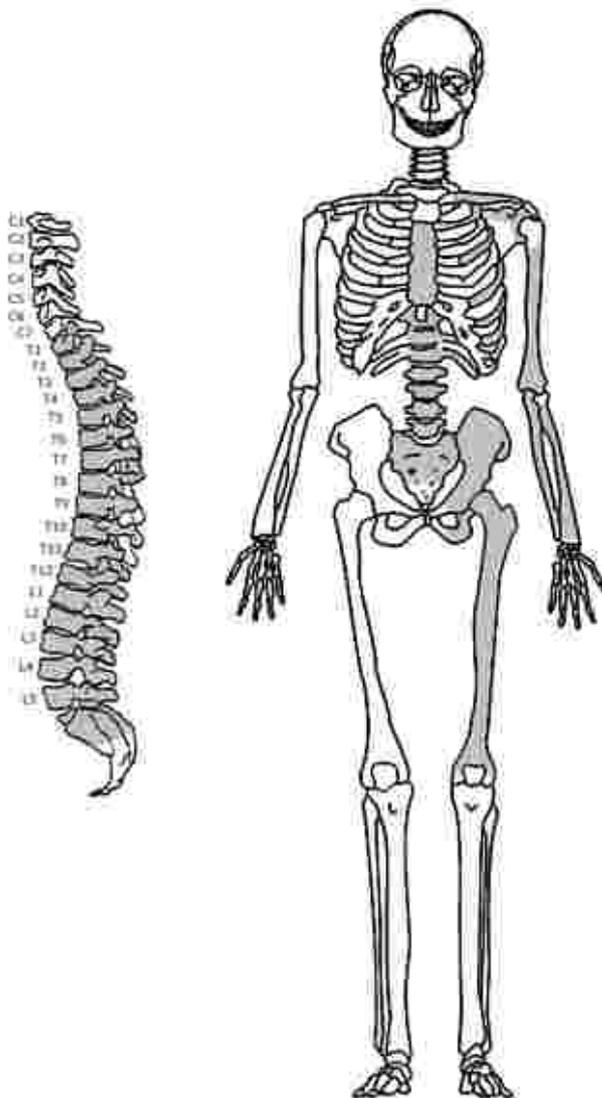
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1183**Young Adult Male****Burial Position and Details:**

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The left arm was flexed at the elbow crossing the pelvis. The left leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

SK 1183: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1185

Middle Adult

Male

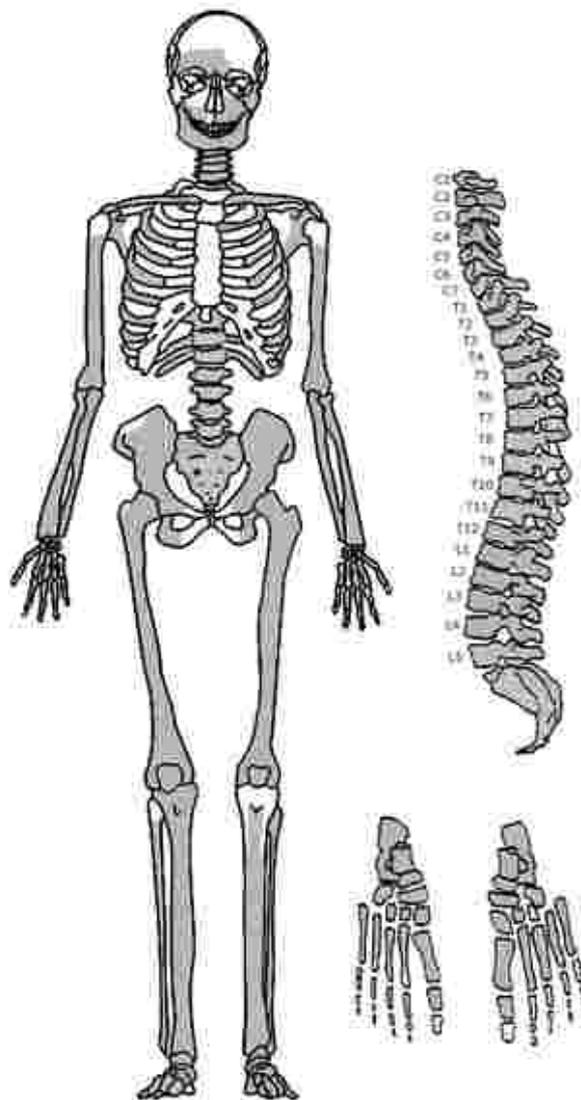
Burial Position and Details:

Plan No: 46A

Area No: 24

SW-NE orientation; simple, extended supine burial of good completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 1

Dentition

Attrition	3	3	N/R	3	3	N/R	N/P	N/P	2	1	1	3	3	3	3	3
Period. Dis.	0	0	N/R	0	0	N/R	N/P	N/P	2	2	2	1	1	2	1	1
E.Hypoplasia	0	0	N/R	0	0	N/R	N/P	N/P	0	0	0	0	0	0	0	0
Cyst	0	0	1	0	0	N/R	N/P	N/P	0	0	0	0	0	1	0	0
Abscess	0	0	N/R	0	0	N/R	N/P	N/P	0	0	0	0	0	1	0	0
Caries	0	0	N/R	0	0	N/R	N/P	N/P	0	0	0	0	0	0	0	0
Calculus	2	2	N/R	1	1	N/R	N/P	N/P	1	1	1	1	1	1	1	2
	1	1	4	1	1	2	N/P	N/P	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	2	3	1	1	1	1	1	1	1	1	1	1	0	0	0
Attrition	3	2	3	1	1	1	1	1	2	1	1	1	1	3	3	3

Dental Disease

Antemortem Tooth Loss

SK 1185 exhibits antemortem tooth loss of a maxillary 1st molar. Partial secondary resorption of the alveolar process has occurred at the affected tooth site.

Abscess/ Cyst

Tooth 16: Healing cyst/ abscess present on the buccal aspect of the alveolar bone.

Tooth 26: Abscess/ cyst present at the base of the mesial root on the buccal aspect of the alveolar bone.

Tooth 26: Large cyst/ abscess present on the lingual aspect of the tooth root.

Tooth 46: Abscess/ cyst present at the mesial root on the buccal aspect of the alveolar bone.

Tooth 46 and 47: Cyst/ Abscess at the distal root of tooth 46 on the buccal aspect of the alveolar bone. The same cyst is also affecting the mesial root of Tooth 47.

Congenital Abnormalities of the Teeth/ Jaws

Overcrowding of the mandibular teeth has resulted in slight rotation of Tooth 31, 32 and 41.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate, antero-medial, middle-intermediate and middle-medial sector of the right orbital roof.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	3	0	0				0	0			
C4	3	3	0	0				N/R	N/R			
C5	3	3,4	0	0				0	0			
C6	3	3, 4	N/R	N/R				N/R	N/R			
C7	0	0	N/R	N/R				0	N/R			
T1	2 neural arches show no pathological lesions. 2 further neural arches show osteophyte growth on both the left and right inferior facets (superior facets are N/R). 2 thoracic vertebral bodies have slight osteophytes apparent.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	0	4	0	N/R	4			3	N/R	0		
T11	0	0	0	0	4			0	0	4		
T12	0	0	0	0	N/R			0	3	3		
I 1	0	0	0	0				3	0			
L2	3	3	3	N/R				0	N/R			
I 3	N/R	N/R	N/R	N/R				0	0			
I 4	0	3	N/R	N/R				0	N/R			
L5	3, 4	0	3	N/R				3	3, 4			

Joint

SK 1185 exhibits pathological lesions indicative of osteoarthritis or degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Left and Right Clavicle Left Acromion Process
<i>Sternoclavicular</i>	Marginal osteophytes	Left Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, marginal osteophytes	Left and right glenoid fossa

<i>Ribs</i>	Marginal osteophytes	3x Left Costal Facets
		3x Right Costal Facets
<i>Elbow</i>	Surface porosity, marginal osteophytes	Left distal humerus
		Left and right proximal ulna
<i>Hip</i>	Subchondral bone loss, marginal osteophytes	Left and right Acetabulum

SK 1185: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, dental abscess, cyst, periodontal disease, calculus, dental attrition, overcrowding
<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Joint</i>	DJD, Osteoarthritis
<i>Metabolic</i>	CO

SK 1187

Young Adult

Probable Female

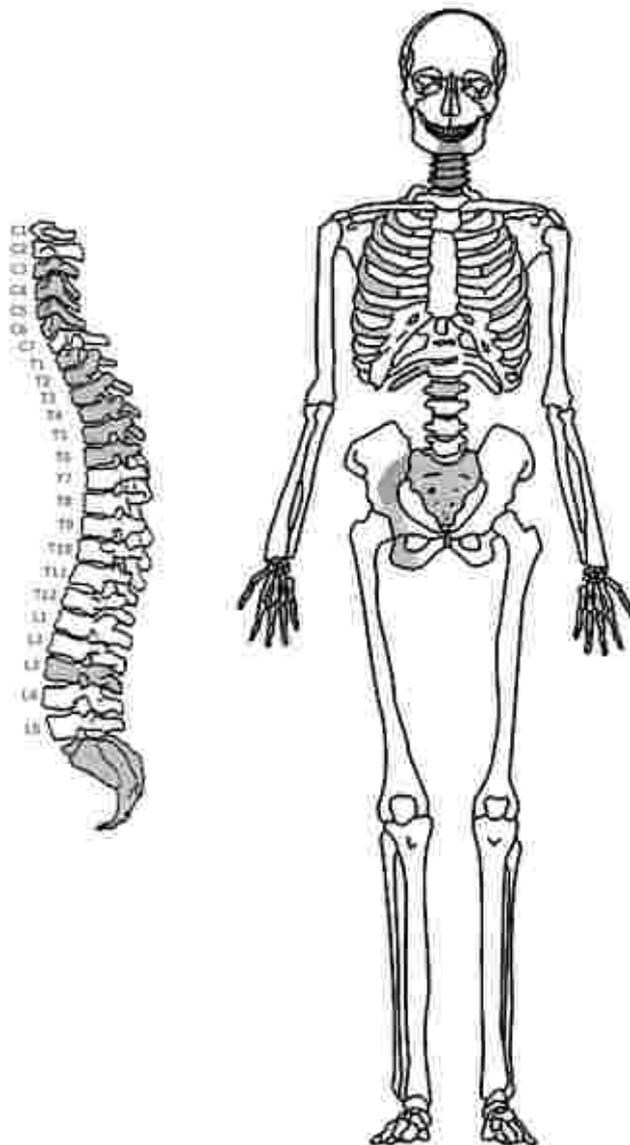
Burial Position and Details:

Plan No: 35B3

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/R	2	2	N/R	N/R	N/R	N/R	N/R								
Calculus	N/R															
Caries	N/R															
Abscess	N/R	0	0	N/R	N/R	N/R	N/R	N/R								
Cyst	N/R	0	0	N/R	N/R	N/R	N/R	N/R								
E.Hypoplasia	N/R															
Period. Dis.	N/R	0	0	N/R	N/R	N/R	N/R	N/R								
Attrition	N/R															

SK 1187: Palaeopathological Summary and Differential Diagnoses

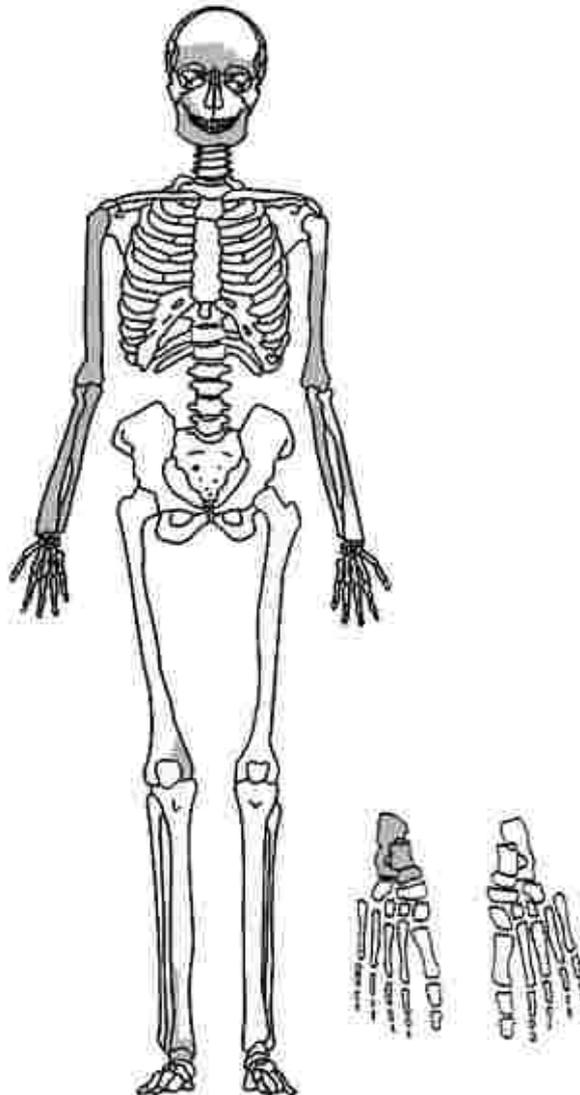
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1189**Middle Adult****Male****Burial Position and Details:**

Plan No: 52

Area No: 30

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The right arm was flexed at the elbow crossing the pelvis with the left arm extended at the hands positioned over the pelvic region.

Visual Inventory

Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 25-50%

Average preservation: Grade 4

Dentition

Attrition	2	3	1	N/P	2	1	1	3	3	N/P						
Period. Dis.	0	N/R	N/R	N/P	N/R	N/R	N/R	N/R	N/R	N/P						
E.Hypoplasia	0	0	0	N/P	0	0	0	0	0	N/P						
Cyst	0	0	N/R	N/P	N/R	N/R	0	0	0	N/P						
Abscess	0	0	N/R	N/P	N/R	N/R	0	1	0	N/P						
Caries	0	0	0	N/P	0	0	0	0	0	N/P						
Calculus	1	1	1	N/P	0	0	1	1	1	N/P						
	1	1	1	N/P	1	1	1	1	1	N/P						
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	2	1	1	0	0	0	0	0	0	0	0	1	2	2	N/R
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Abscess	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	N/R
Period. Dis.	1	1	2	2	2	2	2	2	2	2	N/R	N/R	N/R	1	2	N/R
Attrition	3	3	3	1	1	3	3	3	3	3	3	1	1	3	3	N/R

Dental Disease

Enamel Hypoplasia

Tooth 33: 2 hypoplastic grooves present; 1.2mm and 2.8mm from the cemento-enamel junction respectively

Tooth 34: 2 hypoplastic grooves present; 2.0mm and 2.8mm from the cemento-enamel junction respectively

Congenital Abnormalities of the Teeth/ Jaws

Tooth 38 is a compacted molar so that it has erupted in an anterior direction within the alveolar bone.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-lateral, antero-intermediate and antero-medial sector of the left orbital roof and the antero-lateral, antero-intermediate antero-medial, middle-lateral and middle-intermediate sector of the right orbital roof.

SK 1189: Palaeopathological Summary and Differential Diagnoses

Dental Enamel hypoplasia, periodontal disease, calculus, dental attrition, dental abscess, impacted molar
Metabolic CO

SK 1190

Old Adult

Male: 164.3cm

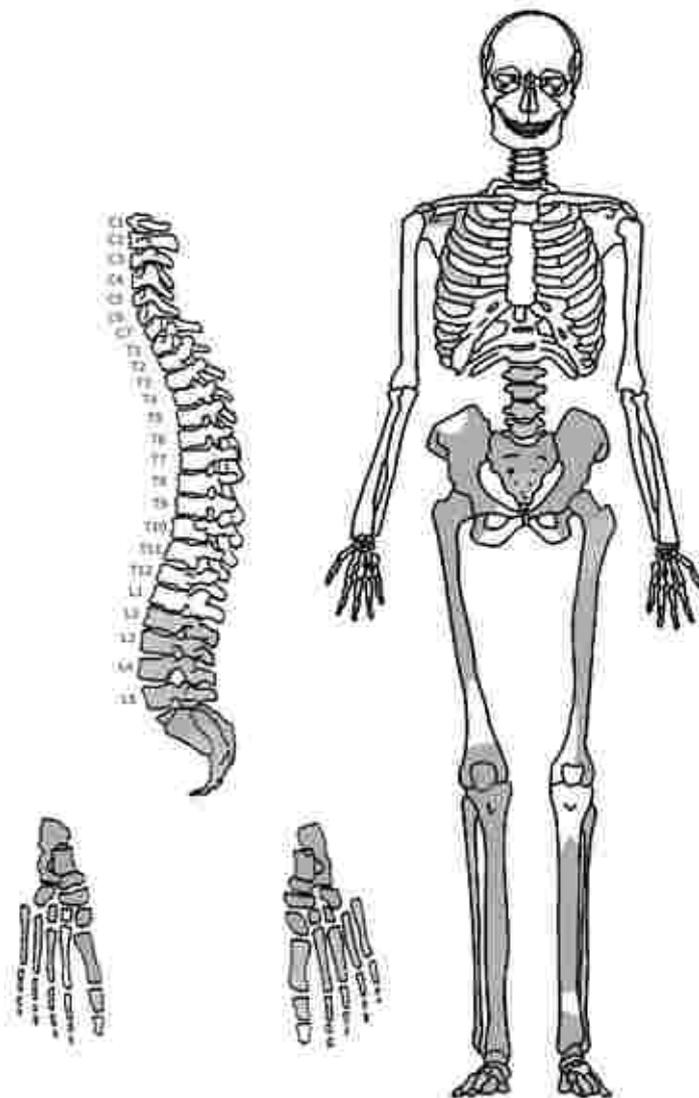
Burial Position and Details:

Plan No: 52A

Area No: 30

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1190: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1191

Young Adult

Indeterminate Sex

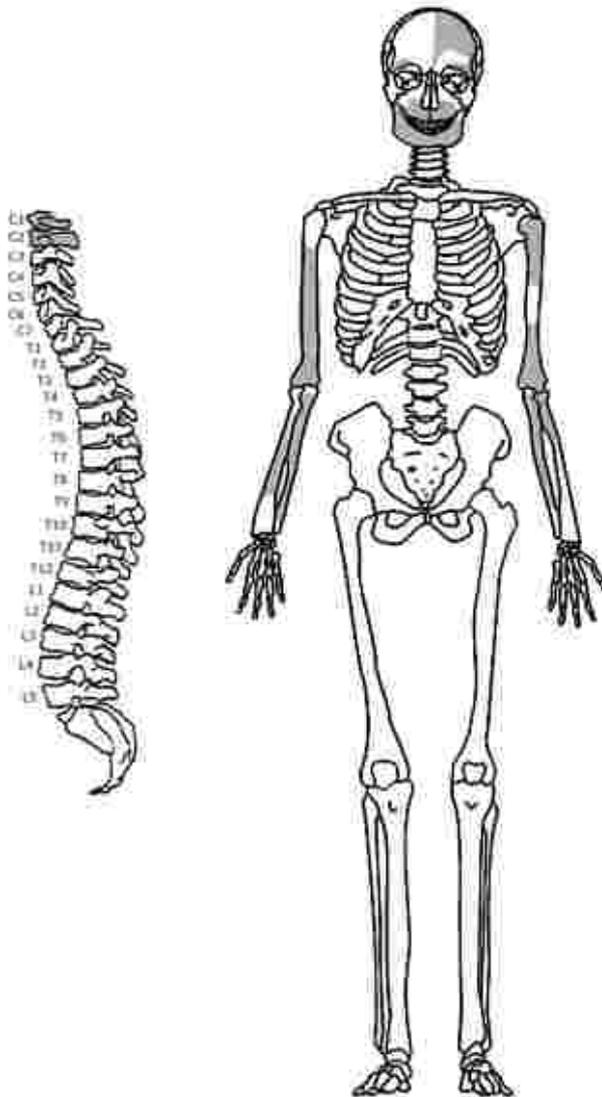
Burial Position and Details:

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. Both arms were flexed at the elbow upwards towards the neck region.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Dentition

Attrition	0	1	3	0	0	1	1	1	1	1	1	1	N/P	2	2	0
Period. Dis.	N/R	N/R	0	0	0	0	0	0	0	0	0	0	N/R	N/P	N/P	N/P
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0
Cyst	N/R	N/R	0	0	0	0	0	0	0	0	0	0	N/R	N/P	N/P	N/P
Abscess	N/R	N/R	0	0	0	0	0	0	0	0	0	0	N/R	N/P	N/P	N/P
Caries	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0
Calculus	0	0	0	0	0	0	0	0	0	0	0	0	N/P	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	N/P	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	6	4	1	1	1	2	2	2	2	2	1	1	1	1	4	N/P
Calculus	N/R	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	N/P
Caries	N/R	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0
E.Hypoplasia	N/R	0	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	N/P
Period. Dis.	2	2	2	2	N/R	0	0	0	0	0	2	0	0	2	2	2
Attrition	N/R	2	2	1	0	N/P	N/P	N/P	N/P	N/P	2	0	0	2	2	N/P

Cranial Pathology

Metabolic

Non-specific Indicator

Increased thickening of the diploë is exhibited at the frontal bone. There is no porosity evident, therefore this thickening may be considered a non-specific indicator of stress.

SK 1191: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition
Metabolic Non-specific Stress Indicator at Cranial Vault

SK 1192

Young Adult Male

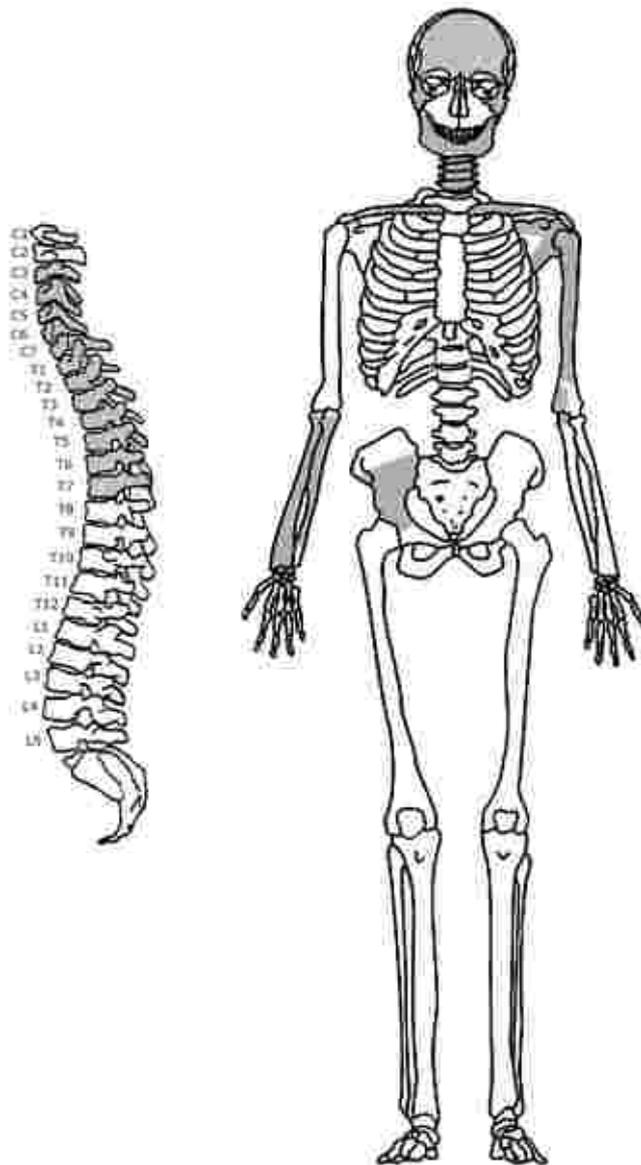
Burial Position and Details:

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	0	0													
Period. Dis.	N/P	N/R	N/R													
E.Hypoplasia	N/P	0	0													
Cyst	N/P	N/R	N/R													
Abscess	N/P	N/R	N/R													
Caries	N/P	0	0													
Calculus	N/P	1	1													
	N/P	1	1													
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	2	N/P	N/P	N/R	2	2	1	1	1	1	1
Calculus	1	1	2	1	1	N/R	N/P	N/P	N/R	N/R	N/R	1	1	1	1	1
Caries	0	0	0	0	0	N/R	N/P	N/P	N/R	N/R	N/R	0	0	0	0	0
Abscess	0	0	0	0	0	N/R	N/P	N/P	N/R	N/R	0	0	0	0	0	0
Cyst	0	0	0	0	0	N/R	N/P	N/P	N/R	N/R	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/R	N/P	N/P	N/R	N/R	N/R	0	0	0	0	0
Period. Dis.	0	0	0	0	0	N/R	N/P	N/P	N/R	N/R	N/R	0	0	0	0	0
Attrition	1	1	2	1	1	N/R	N/P	N/P	N/R	N/R	N/R	1	1	2	1	0

Cranial Pathology

Trauma

Blunt-force trauma

A healed depression fracture is present within the squamous portion of the occipital bone at the external occipital protuberance. The lesion is circular in shape measuring 12.9mm anterior-posterior and 17.83mm medial-lateral. Healing in the form of sclerotic callus bone formation is evident at the fracture site.

SK 1192: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Trauma Cranial Blunt-force trauma

SK 1193

Middle Adult

Probable Female: 161cm

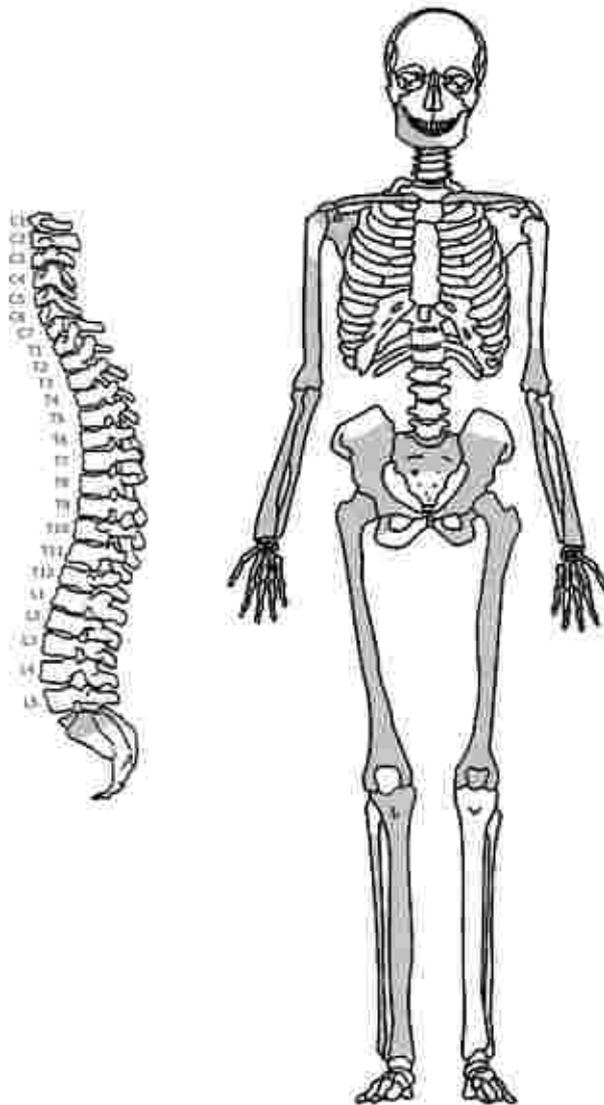
Burial Position and Details:

Plan No: 38C

Area No: 24

Orientation not specified: simple, extended supine burial of good completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

Dentition

	N/P	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	N/P	1	1	1	2	2	2	N/R	N/P								
Calculus	N/P	2	2	2	N/R	N/R	N/R	N/R	N/P								
Caries	N/P	0	0	0	N/R	N/R	N/R	N/R	N/P								
Abscess	N/P	0	0	0	0	0	0	N/R	N/P								
Cyst	N/P	0	0	0	0	0	0	N/R	N/P								
E. Hypoplasia	N/P	N/R	N/P														
Period. Dis.	N/P	1	1	1	N/R	N/R	N/R	N/R	N/P								
Attrition	N/P	3	3	3	N/R	N/R	N/R	N/R	N/P								

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

SK 1193 exhibits an overbite which has resulted in severe attrition on the buccal aspect of the mandibular molars present.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

SK 1193: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition, overbite
Vertebral Intervertebral osteochondrosis

SK 1194

Adult

Probable Female: 159.5cm

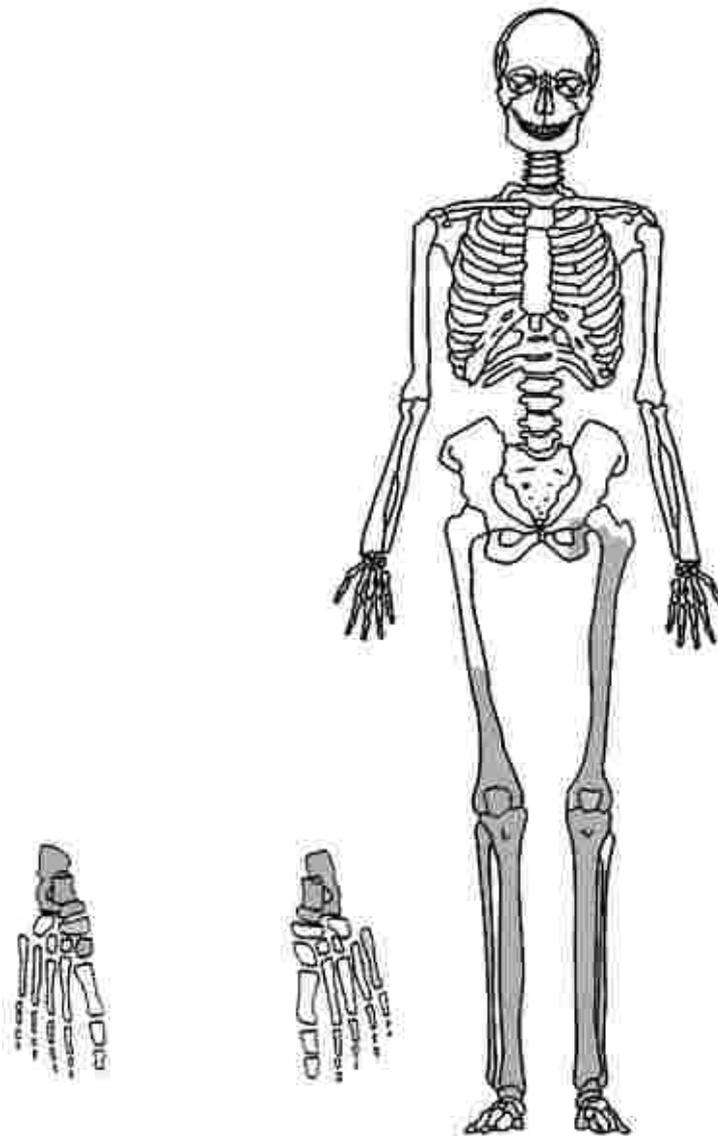
Burial Position and Details:

Plan No: 46

Area No: 28

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

SK 1194: Palaeopathological Summary and Differential Diagnoses

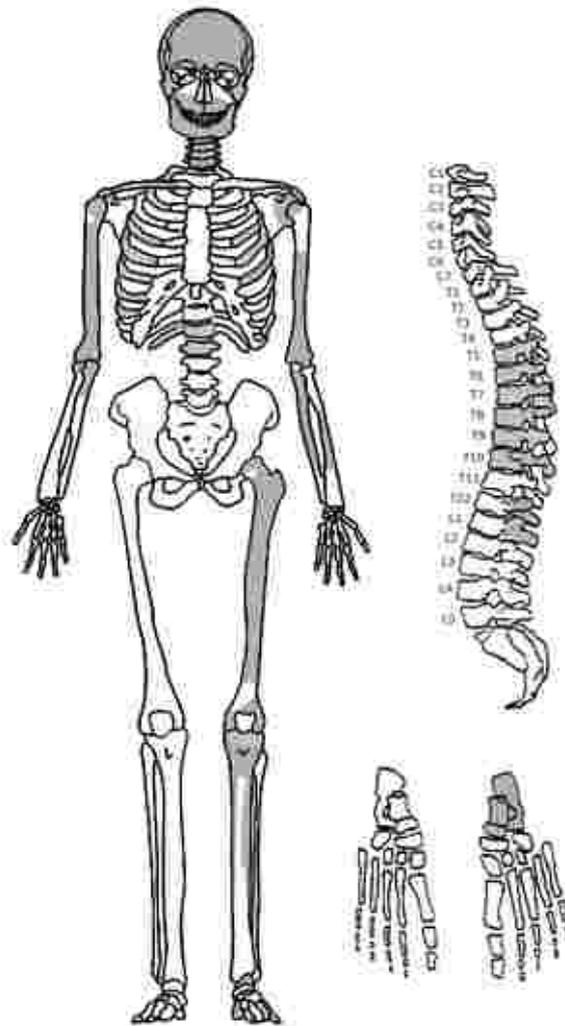
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1198**Adult****Male****Burial Position and Details:**

Plan No: 52A

Area No: 30

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis. The left leg was extended.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P															
Period. Dis.	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	3	3	N/P
E.Hypoplasia	N/P															
Cyst	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	N/P	N/P	N/P	0	0	0	0	0	0	0	0	0	0	1		N/P
Caries	N/P															
Calculus	N/P															
	N/P	N/P	N/P	2	4	2	2	2	2	2	2	4	4	4	2	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	4	4	1	2	2	2	2	2	2	1	1	1	4	4	1
Calculus	1	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P	1	2	1	N/P	N/P	1
Caries	0	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	N/P	N/P	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	N/P	N/P	0
Period. Dis.	1	0	0	1	0	0	0	0	0	0	1	2	1	0	0	2
Attrition	3	N/P	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P	2	2	2	N/P	N/P	3

Dental Disease

Antemortem Tooth Loss

SK 1198 exhibits extensive antemortem tooth loss. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites with the exception of Tooth 26 where only partial resorption has occurred at the tooth socket.

Abscess/ Cyst

Tooth 26 and Tooth 27: Probable abscess/ cyst is present at the apex of tooth root. This lesion may have resulted in secondary antemortem tooth loss of Tooth 26.

SK 1198: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, dental abscess/cyst, periodontal disease, calculus, dental attrition

SK 1199

Adult

Sex Not Recordable

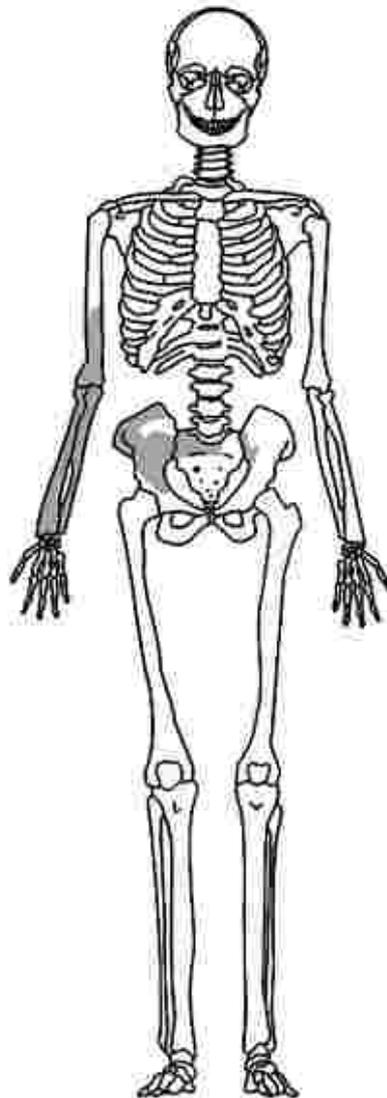
Burial Position and Details:

Plan No: 50A

Area No: 27

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 0

SK 1199: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1201A

Young Adult

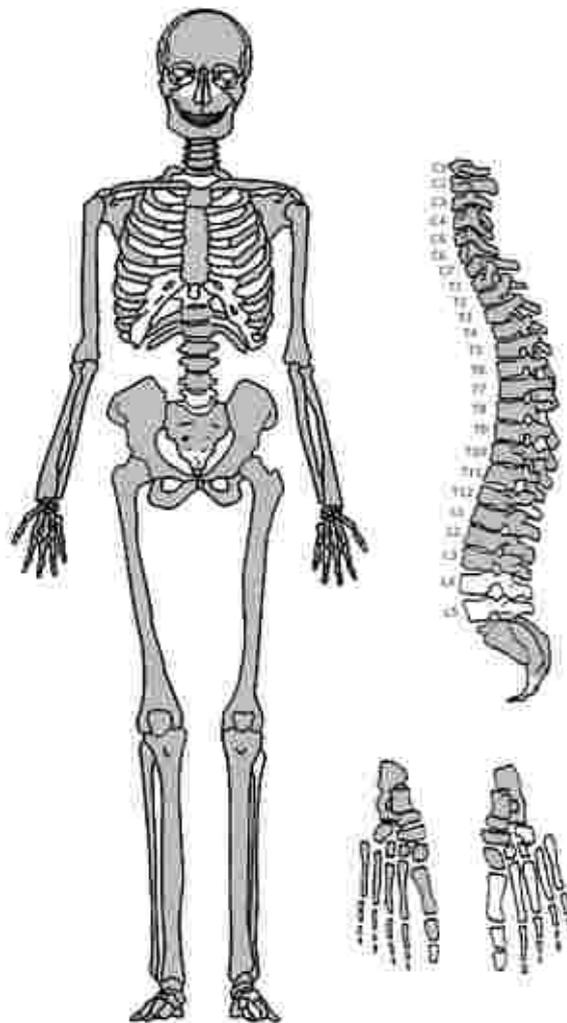
Female: 150.7cm

Burial Position and Details:

Plan No: Not specified

Area No: 28

SW-NE orientation; simple, extended supine burial of good completeness and good preservation. The skull was positioned on the left side. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: <25%

Average preservation: Grade 0

Dentition

Attrition	1	1	1	0	0	1	1	N/P	N/P	N/P	1	0	0	1	1	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	N/P
Calculus	1	1	1	1	1	1	1	N/P	N/P	N/P	1	1	1	1	1	N/P
	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	1	1	2	1	0	1	1	1	1	1	1	0	0	1	1	1

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the middle-lateral and middle-intermediate sector of the left and right orbital roofs.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	0				0	0			
C3	0	0	0	0				0	0			
C4	0	0	N/R	N/R				0	0			
C5	0	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	0				0	0			
T1	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	0	N/R
T5	0	0	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T6	0	0	0	N/R	0	N/R	N/R	0	N/R	0	0	N/R
T7	0	0	0	N/R	0	0	N/R	0	N/R	0	0	N/R
T8	0	0	N/R	N/R	0	N/R	N/R	0	N/R	0	0	N/R
T9	0	5	0	0	0	0	N/R	0	0	0	9	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	0	0	0	0				0	0			
L3	N/P	N/P	N/P	N/P				N/P	N/P			
L4	N/P	N/P	N/P	N/P				N/P	N/P			
L5	3	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of T9.

Congenital

Abnormality of Shape: Unilateral hypoplasia

SK 1201A exhibits clearly discernible asymmetry of the pelvic girdle due to unilateral hypoplasia of the right side of the sacrum and the vertebral body of L5. The right ala of the sacrum is significantly narrower in width when compared to the width of the left ala (i.e. a difference of 12.28mm). A large concave depression is also observable on the posterior aspect of the right sacrum measuring 18.81mm proximal-distal, 25.28mm medial-lateral and 16.1mm in depth. Possible compensatory enthesophyte formation is observable at the retroauricular area of the right ilium in the form of a large vertical bony spur. There is asymmetry of the vertebral body of L5 so that the left portion of the body is 4.2mm shorter in height in comparison to the right portion of the body.

This deformity has resulted in asymmetrical articulation of the pelvises to the sacrum so that the right pelvis articulates at a higher level than the left and at a more vertical angle. This deformity may also have affected correct articulation of the pubic symphyses in life.

SK 1201A: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Vertebral Schmorl's node
Congenital Unilateral hypoplasia of the L5 and S1

SK 1202

Adult

Sex Not Recordable

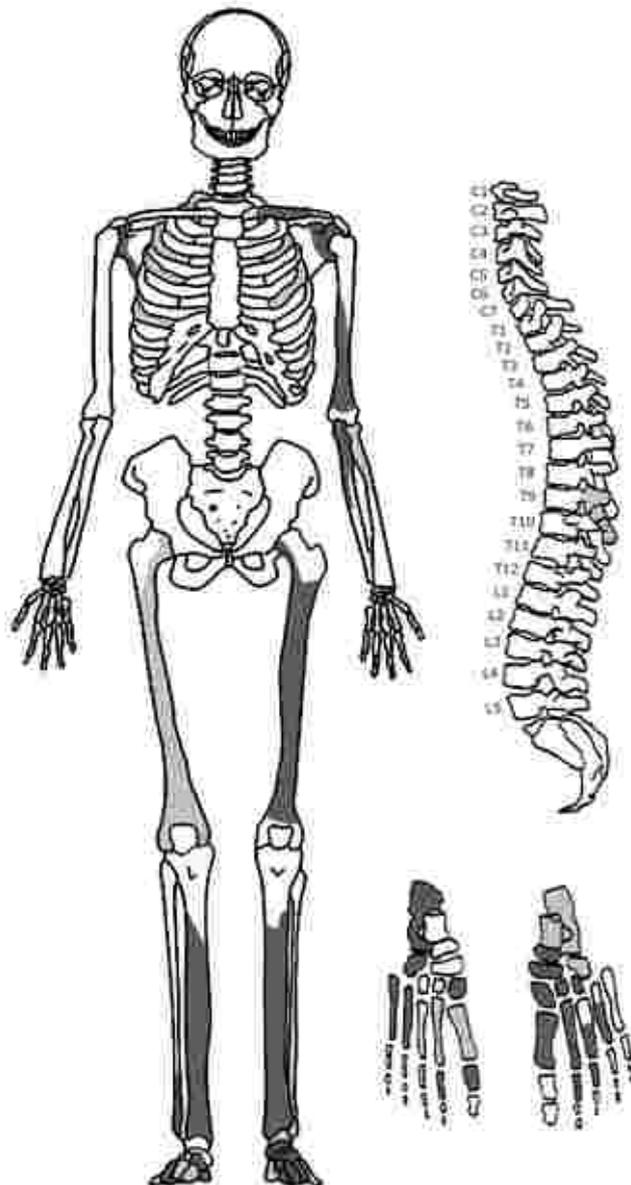
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

SK 1202: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1205

Adult

Female

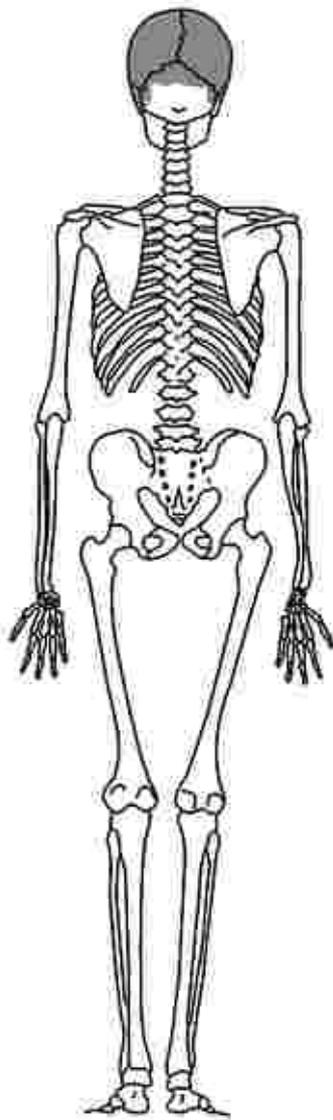
Burial Position and Details:

Plan No: 43

Area No: 25

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	3	3	N/P													
Period. Dis.	0	0	N/P													
E.Hypoplasia	0	0	N/P													
Cyst	0	0	N/P													
Abscess	0	0	N/P													
Caries	0	0	N/P													
Calculus	2	2	N/P													
	1	1	N/P													
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Dental Disease

Unusual dental attrition

Tooth 17 and 18 exhibit an unusual dental-wear pattern. Tooth 17 exhibits severe dental attrition with secondary dentine deposition on the lingual aspect of the tooth crown. Tooth 18 exhibits a concave attrition pattern.

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (scattered fine foramina) CO is exhibited in the antero-lateral sector of the right orbital roof.

Non-specific Metabolic Disease Indicator

Porosity and coalescing of foramina with increased thickening of the diploë is exhibited adjacent to the sutures and bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern indicates this lesion was healed at the time of death.

SK 1205: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, possible activity-related dental wear pattern
Metabolic CO, Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis

SK 1207

Old Adult

Female

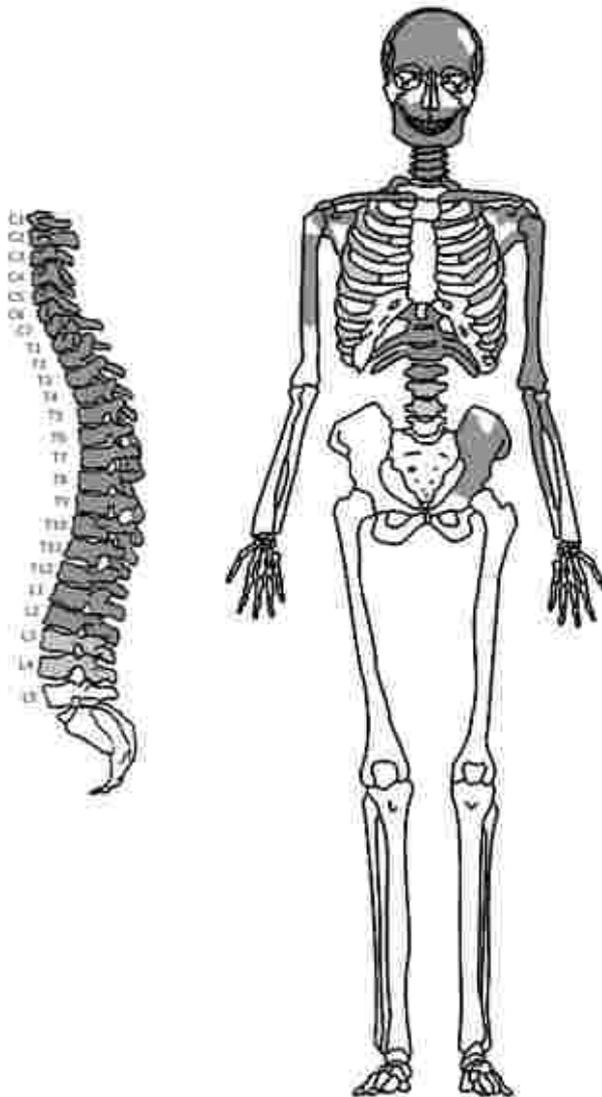
Burial Position and Details:

Plan No: 43A

Area No: 25

W-E orientation; simple, extended supine burial of moderate completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	0	0	1	1	N/P	N/P	N/P	N/P	1	1	1	3	2	N/P	
Period. Dis.	N/P	2	2	2	2	2	2	2	2	2	2	2	2	2	2	N/P	
E.Hypoplasia	N/P	0	N/P	N/P	0	0	N/P	N/P	N/P	N/P	0	0	0	0	0	N/P	
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P	
Abscess	N/P	1	1	N/P	0	0	0	0	0	0	0	0	0	0	0	N/P	
Caries	N/P	0	N/P	N/P	0	0	N/P	N/P	N/P	N/P	0	0	0	0	0	N/P	
Calculus	N/P	1	N/P	N/P	1	1	N/P	N/P	N/P	N/P	1	1	1	1	1	N/P	
	N/P	1	4	2	1	1	3	2	2	2	1	1	1	1	1	N/P	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1
Calculus	N/P	1	2	2	2	0	1	1	1	1	1	1	0	0	0	0	1
Caries	N/P	0	1	0	0	3	0	0	0	0	0	0	0	3	3	3	3
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	N/P	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Attrition	N/P	2	3	1	1	3	2	2	2	2	2	1	1	1	3	3	1

Dental Disease

Antemortem Tooth Loss

SK 1207 exhibits antemortem tooth loss of a maxillary 1st molar. Partial secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries

Tooth 16: Large abscess present at apex of tooth root

Tooth 17: Medium sized abscess present at apex of tooth root

Tooth 36: Two large carious lesions present on the mesial and distal aspect of the tooth crown respectively.

Tooth 37: Large carious lesion present at the distal aspect of the tooth crown

Tooth 38: Large carious lesion present at the mesial aspect of the tooth crown

Tooth 43: Large carious lesion present which has eroded the entire tooth crown

Tooth 46: Small carious lesion present at the tooth crown

Congenital Abnormalities of the Teeth/ Jaws

There is asymmetrical tooth wear so that the teeth of the left quadrants of the mouth exhibit greater levels of attrition than the teeth of the right side of the mouth indicating a probable cross-bite.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R.Sup. Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
C1		3	0	0				N/R	0			
C2		0	0	3 & 4				0	3 & 4			
C3	0	3 & 4	3 & 4	3 & 4				4	2, 3 & 4			
C4	4	3 & 4	4	2, 3 & 4				3 & 4	0			
C5	3 & 4	3 & 4	2, 3 & 4	0				0	0			
C6	3 & 4	3 & 4	0	0				0	0			
C7	3 & 4	3 & 4	0	0				0	0			
T1	3 & 4	3	0	0	0	0	0	0	3 & 4	0	N/R	
T2	3	0	0	0	0	0	N/R	0	0	0	0	0
T3	0	3 & 4	0	0	0	0	0	0	0	0	0	N/R
T4	3 & 4	0	0	0	3	N/R	2 & 4	0	0	0	0	N/R
T5	3	3 & 4	0	3	0	N/R	4	0	0	0	0	N/R
T6	3 & 4	3 & 4	N/R	N/R	N/R	N/R	N/R	N/R	N/R	3	0	N/R
T7	3 & 4	3 & 4	0	N/R	4	4	N/R	0	N/R	3 & 4	0	N/R
T8	3 & 4	3 & 4	N/R	N/R	3	0	N/R	N/R	N/R	N/R	0	N/R
T9	3 & 4	3 & 4	N/R	N/R	3	3	N/R	N/R	N/R	4	0	N/R
T10	3,4 & 5	3 & 4	3 & 4	0	4			N/R	N/R	N/R		
T11	3,4 & 5	3,4 & 5	3	0	4			0	0	4		
T12	5	3,4 & 5	0	N/R	4			N/R	N/R	3 & 4		
L1	3, 4	3,4 & 5	N/R	N/R				N/R	N/R			
L2	3 & 4	3 & 4	N/R	N/R				N/R	N/R			
L3	3 & 4	3 & 4	N/R	N/R				N/R	N/R			
L4	0	0	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T10, T11 and T12.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the left inferior apophyseal vertebral facet of C3, the right inferior apophyseal facet of C4, the right superior apophyseal facet of C5 and the right transverse facet of T4 in the form of eburnation, surface porosity and marginal osteophyte formation.

Joint

SK 1207 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Ribs</i>	Marginal osteophytes	3x Left Costal Facets 3x Right Costal Facets

SK 1207: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, caries, dental abscess/cyst, periodontal disease, calculus, dental attrition and cross-bite
<i>Vertebral Joint</i>	Schmorl's nodes, Intervertebral osteochondrosis, Osteoarthritis, DJD

SK 1208

Adult

Sex Not Recordable

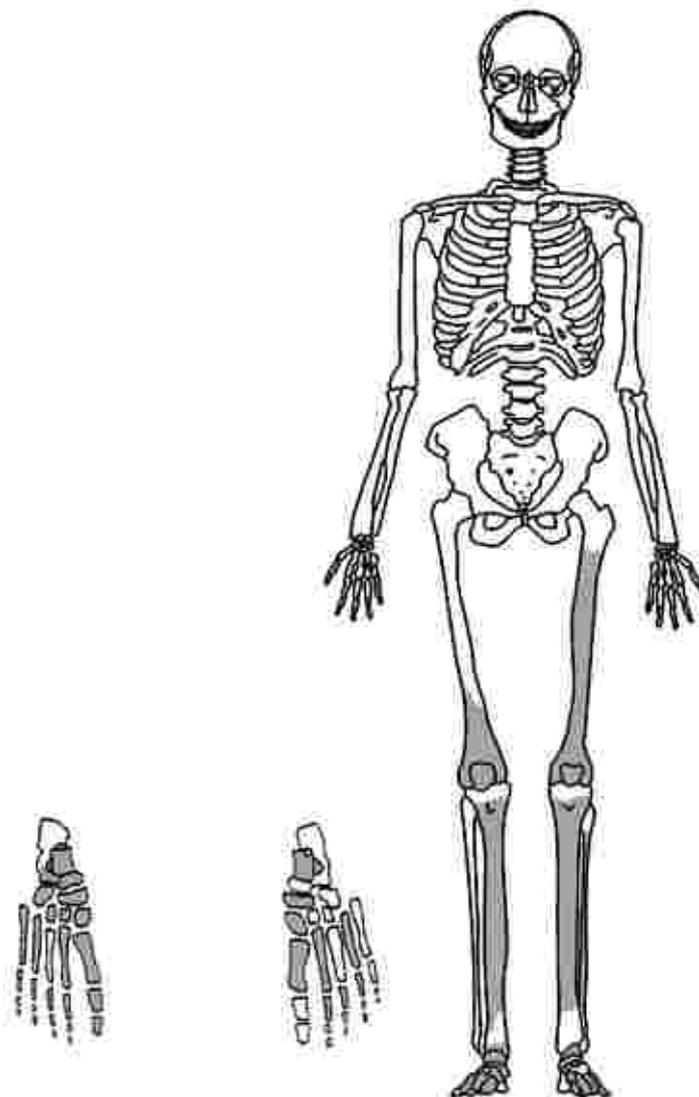
Burial Position and Details:

Plan No: 35B

Area No: 17

W-E orientation; simple, flexed burial on the right side of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Fracture

A fracture of unknown type is present at the distal shaft of an unnumbered proximal foot phalanx. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable.

Joint

SK 1208 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Knee</i>	Surface porosity	Right Femoral Medial Condyle
<i>Foot</i>	Marginal osteophytes	Left Talus

SK 1208: Palaeopathological Summary and Differential Diagnoses

Joint DJD
Trauma Fracture

SK 1209

Young Adult

Probable Male

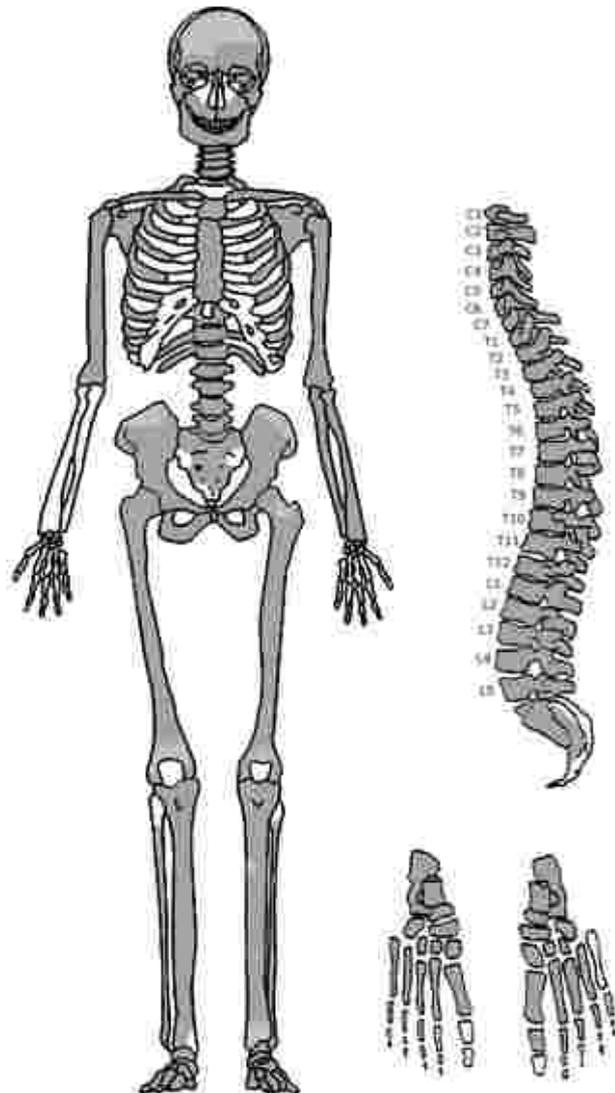
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. Both legs were flexed.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Dentition

Attrition	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	1	0	1	1	1	1	1	1	1	0	0	1	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0

Dental Disease

Enamel Hypoplasia

Tooth 11: 2 hypoplastic grooves present; 4.2mm and 6.1mm from the cemento-enamel junction respectively.

Tooth 12: 1 hypoplastic groove present; 6.1mm from the cemento-enamel junction

Tooth 13: 2 hypoplastic grooves present; 4.5mm and 6.2mm from the cemento-enamel junction respectively.

Tooth 14: 1 hypoplastic groove present; 4.4mm from the cemento-enamel junction

Tooth 15: 1 hypoplastic groove present; 4.7mm from the cemento-enamel junction

Tooth 21: 2 hypoplastic grooves present; 3.7mm and 5.7mm from the cemento-enamel junction respectively.

Tooth 22: 2 hypoplastic grooves present; 6.4mm and 7.6mm from the cemento-enamel junction respectively

Tooth 23: 2 hypoplastic grooves present; 4.5mm and 6.4mm from the cemento-enamel junction respectively

Tooth 31: 1 hypoplastic groove present; 4.6mm from the cemento-enamel junction

Tooth 32: 1 hypoplastic groove present; 4.6mm from the cemento-enamel junction

Tooth 33: 1 hypoplastic groove present; 7.0mm from the cemento-enamel junction

Tooth 36: 1 hypoplastic groove present; 3.6mm from the cemento-enamel junction

Tooth 41: 1 hypoplastic groove present; 3.4mm from the cemento-enamel junction

Tooth 42: 1 hypoplastic groove present; 4.0mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 6.4mm from the cemento-enamel junction

Tooth 44: 1 hypoplastic groove present; 4.7mm from the cemento-enamel junction

Tooth 46: 1 hypoplastic groove present; 1.9mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 2 (scattered fine foramina) CO is exhibited in the antero-intermediate and antero-medial sector of the right orbital roof. Type 4 (foramina linked in trabecular structure) CO is exhibited in the antero-intermediate sector of the left orbital roof.

Post Cranial Pathology

Vertebral

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T9, T10, T11, T12 and L1.

Intervertebral Osteochondrosis

Erosive lesions indicative of intervertebral osteochondrosis are exhibited at the anterior portion of the vertebral bodies of T5, T6 and T12.

Trauma

Colles' Fractures

SK 1209 exhibits two corresponding simple fractures at the distal shafts of the left ulna and radius. Healing in the form of circumferential sclerotic callus bone formation is observable at the fractures sites resulting in diaphyseal thickening. The fracture lines are no longer evident in both cases due to this extensive healing.

SK 1209: Palaeopathological Summary and Differential Diagnoses

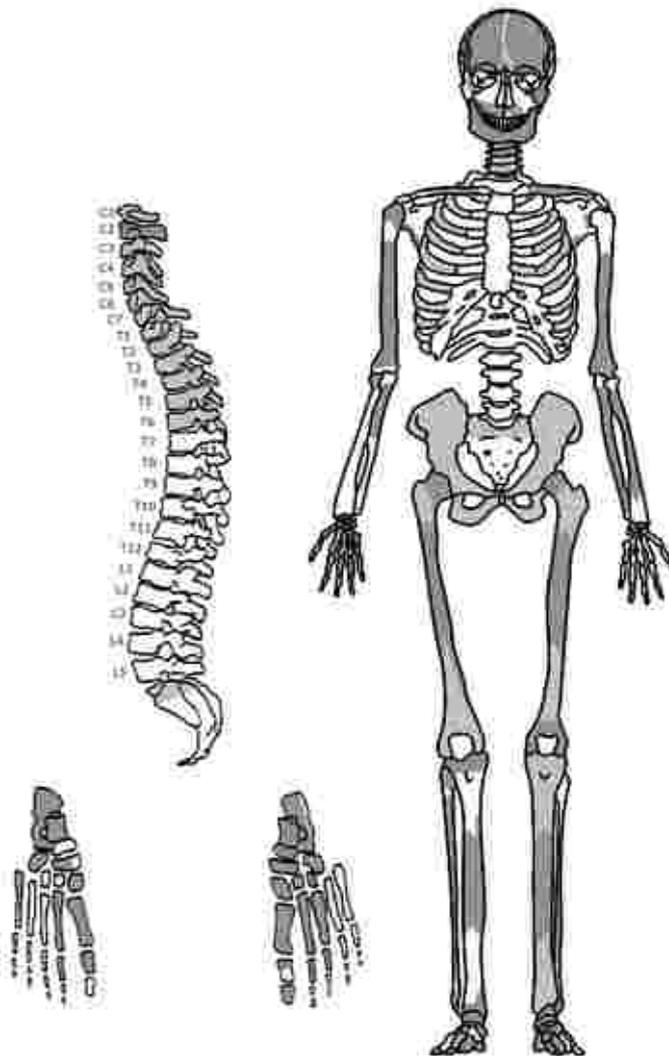
Dental Enamel hypoplasia, calculus, dental attrition
Vertebral Schmorl's nodes, intervertebral osteochondrosis
Trauma Fractures

SK 1210**Middle Adult****Female****Burial Position and Details:**

Plan No: 35E

Area No: 17/24

W-E orientation; simple, extended supine burial of good completeness and poor preservation. Both arms were flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region. Both legs were extended with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	N/P	N/P	N/P	N/P	2	N/P	2	1	N/P	1	2	2	2	1	N/P
Period. Dis.	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R	N/R	N/R	N/R	2	1	N/R	N/R	N/P
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	0	N/P	0	0	N/P	0	0	0	0	0	N/P
Cyst	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/P
Abscess	N/R	N/R	N/R	N/R	0	0	0	0	N/R	N/R	N/R	1	0	N/R	N/R	N/P
Caries	N/P	N/P	N/P	N/P	N/P	0	N/P	0	0	N/P	0	0	0	0	0	N/P
Calculus	N/P	N/P	N/P	N/P	N/P	1	N/P	1	1	N/P	1	2	1	1	1	N/P
	4	4	4	4	2	1	2	1	1	2	1	1	1	1	1	3
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	N/P	1	1	1	1	2	4	4	4
Calculus	1	1	1	1	1	1	N/P	N/P	1	1	1	1	N/R	N/R	N/R	N/R
Caries	1	3	3	0	0	0	N/P	N/P	0	0	0	0	N/R	N/R	N/R	N/R
Abscess	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/P	N/P	0	0	0	0	N/R	N/R	N/R	N/R
Period. Dis.	0	0	0	0	0	0	N/R	N/R	N/R	0	0	0	N/R	3	3	3
Attrition	1	2	2	1	1	1	N/P	N/P	1	1	1	1	N/R	N/R	N/R	N/R

Dental Disease

Antemortem Tooth Loss

SK 1210 exhibits antemortem tooth loss of 6 molars and a maxillary premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Abscess/ Cyst

Tooth 31 and Tooth 41: Large partially healed abscess/ cyst present superior to the mental eminence.

SK 1210: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, dental abscess/cyst, periodontal disease, dental caries, calculus, dental attrition

SK 1211A

Middle Adult

Probable Female: 151.4cm

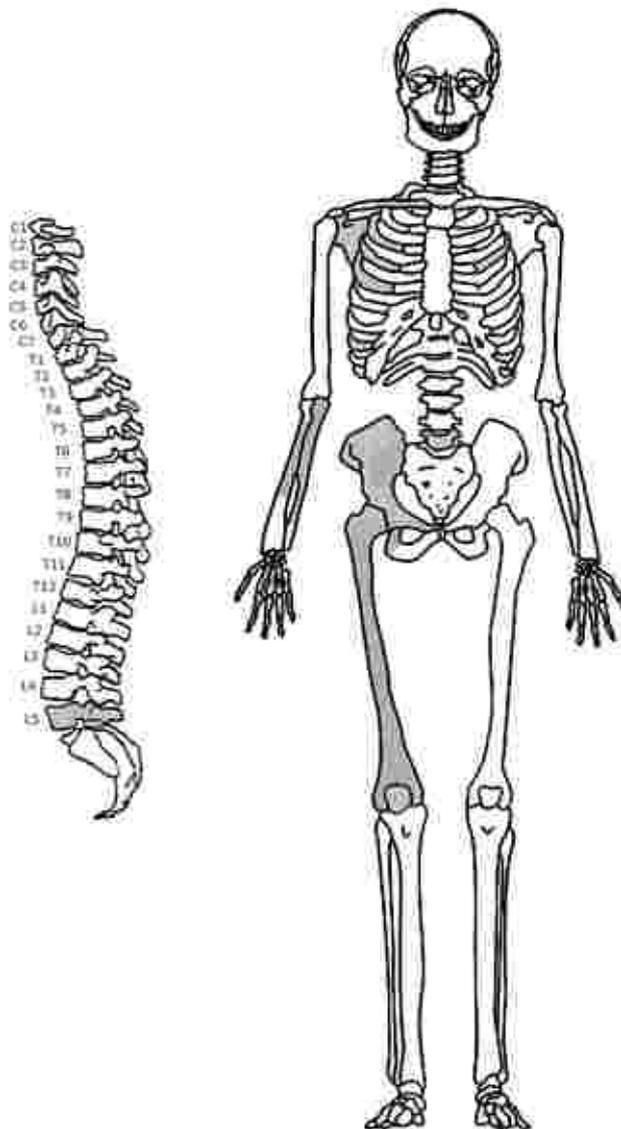
Burial Position and Details:

Plan No: 49B

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Taphonomy: Animal gnawing marks were noted on the right radius

SK 1211A: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1211B

Adult

Sex Not Recordable

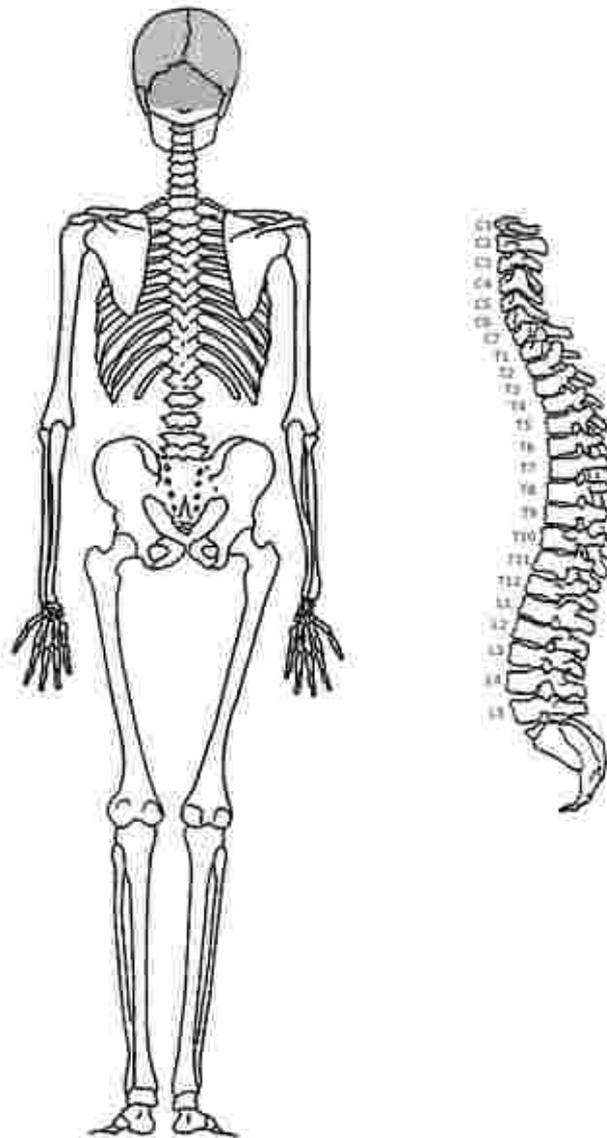
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1211B: Palaeopathological Summary and Differential Diagnoses

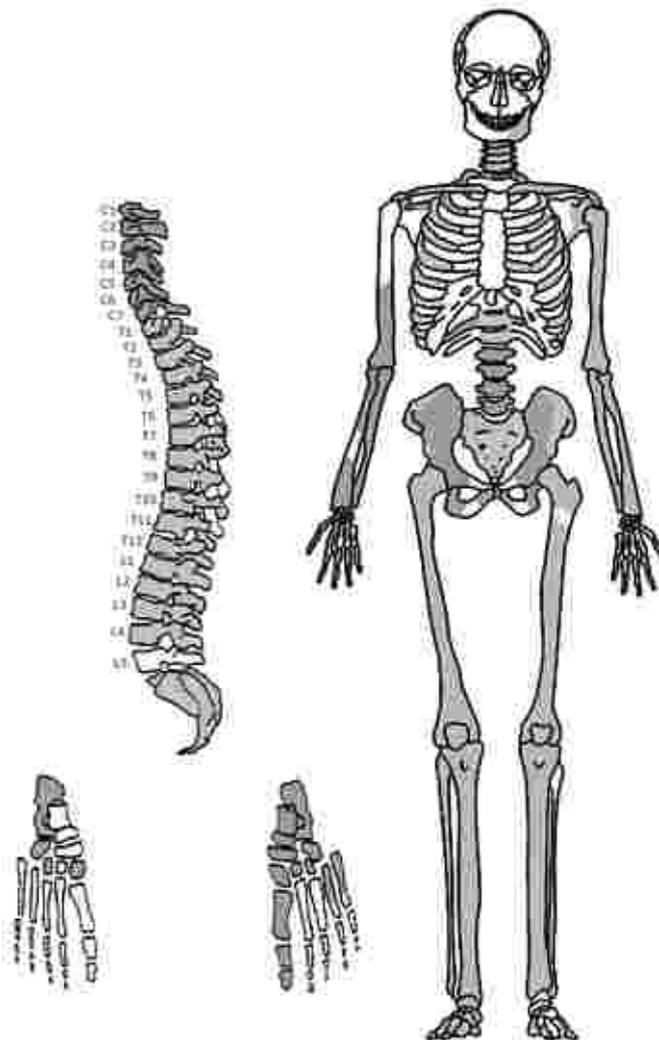
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1212**Old Adult****Female: 154.7cm****Burial Position and Details:**

Plan No: Not specified

Area No: 17

Orientation not specified: simple, extended supine burial of good completeness and poor preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended. The left hand was positioned over the pelvic region with the right hand over the right femur. Both legs were extended.

Visual Inventory

Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Trauma

Enthesophyte formation

Horizontal enthesophyte formation is present at the medial aspect of the mid-shaft of the left fibula. A corresponding enthesophyte formation is also observable at the lateral aspect of the mid-shaft of the left tibia. These lesions are indicative of ossification of the interosseus membrane.

Joint

SK 1212 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Glenohumeral</i>	Surface porosity	Left Humeral Head
<i>Ribs</i>	Surface porosity, marginal osteophytes	Left and Right 1 st Rib head 2x Right Costal Facets 2x Right rib heads
<i>Hip</i>	Marginal osteophytes, surface porosity, surface osteophytes	Right Acetabulum
<i>Knee</i>	Marginal osteophytes	Left and Right Femoral Head Left and Right Patella

SK 1212: Palaeopathological Summary and Differential Diagnoses

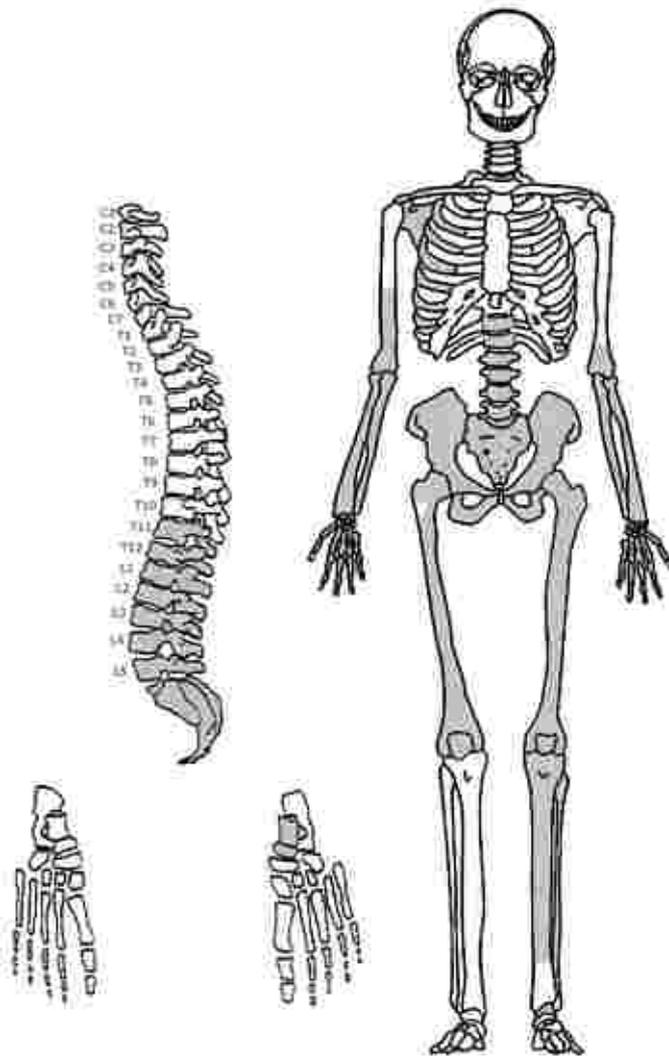
Trauma Musculo-skeletal stress
Joint DJD, Enthesophyte formation

SK 1214**Young Adult****Probable Male: 169.8cm****Burial Position and Details:**

Plan No: 35G

Area No: 17

W-E orientation; simple, extended supine burial of good completeness and good preservation. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Joint

SK 1214 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Right Glenoid fossa

SK 1214: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 1215

Adult

Indeterminate Sex

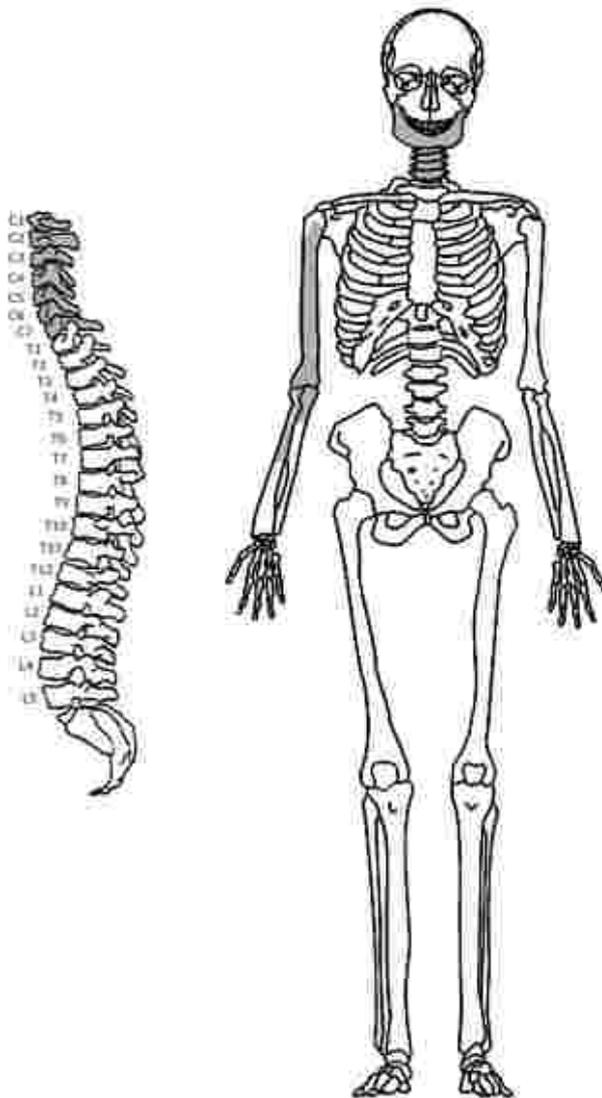
Burial Position and Details:

Plan No: 35G

Area No: 17

Orientation not specified; simple, extended supine burial of poor completeness and moderate preservation. The left arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	6	4	1	1	1	1	1	N/P	N/P	1	1	1	1	1	1	6
Calculus	N/R	N/R	0	1	1	0	0	N/P	N/P	2	1	1	1	N/R	2	N/R
Caries	N/R	N/R	0	0	0	0	0	N/P	N/P	0	0	0	0	3	0	N/R
Abscess	N/P	N/R	0	0	0	0	0	N/R	N/R	0	0	0	0	1	0	N/P
Cyst	N/P	N/R	0	0	0	0	0	N/R	N/R	0	0	0	0	0	0	N/P
E.Hypoplasia	N/R	N/R	N/R	1	0	0	0	N/P	N/P	0	0	0	1	N/R	0	N/R
Period. Dis.	N/P	N/R	3	N/P												
Attrition	N/R	N/R	3	3	3	3	3	N/P	N/P	2	2	1	2	N/R	3	N/R

Dental Disease

Antemortem Tooth Loss

SK 1215 exhibits antemortem tooth loss of a mandibular molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

Caries, Abscess/ Cyst

Tooth 36: Large carious lesion present which has eroded approximately 75% of the tooth crown; associated abscess present at apex of distal tooth root.

Enamel Hypoplasia

Tooth 35: 1 hypoplastic groove present; 2.18mm from the cemento-enamel junction

Tooth 45: 1 hypoplastic groove present; 2.18mm from the cemento-enamel junction

SK 1215: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental abscess, periodontal disease, calculus, dental attrition, enamel hypoplasia

SK 1216	Adult	Probable Female
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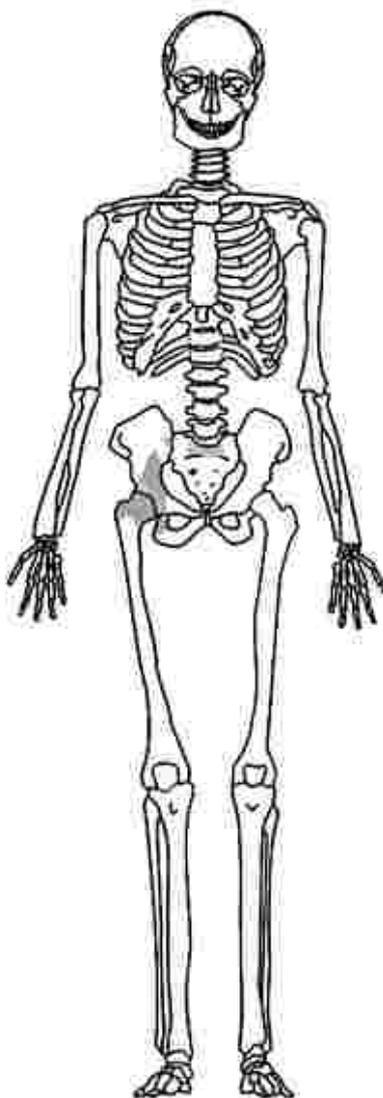
Burial Position and Details:

Plan No: 35G

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 1216: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1217

Young Adult

Female

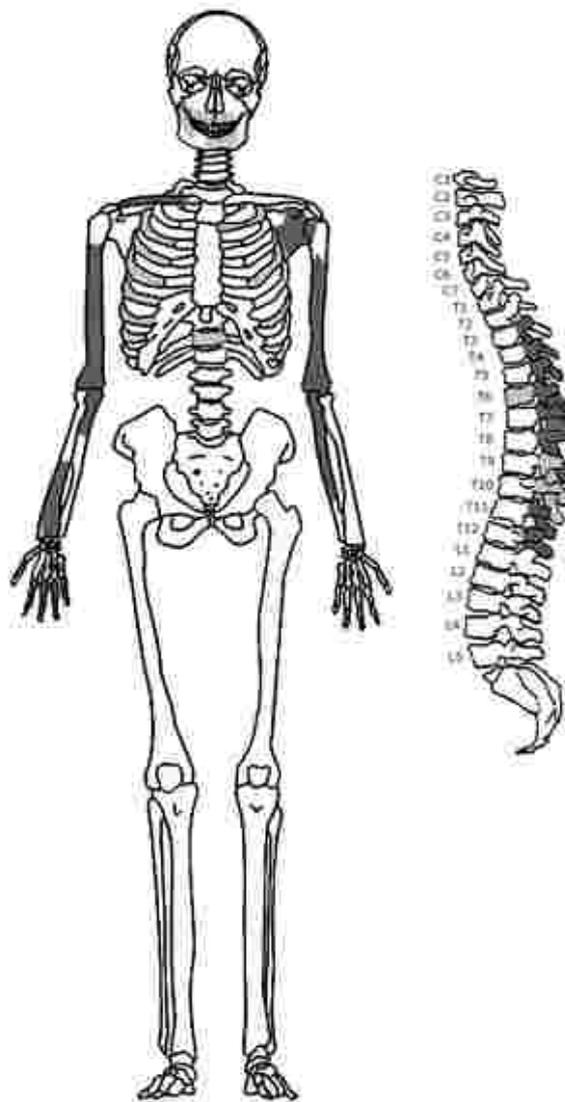
Burial Position and Details:

Plan No: 35G

Area No: 17

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/R	1	0	N/R	N/P	N/P										
Period. Dis.	N/R	N/P	N/P													
E.Hypoplasia	N/R	0	0	N/R	N/P	N/P										
Cyst	N/R	0	0	N/R	N/P	N/P										
Abscess	N/R	0	0	N/R	N/P	N/P										
Caries	N/R	0	0	N/R	N/P	N/P										
Calculus	N/R	0	0	N/R	N/P	N/P										
	2	2	4	2	2	2	5	2	2	2	2	1	1	4	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	2	2	1	1	1	2	4	1	1						
Calculus	N/P	N/R	N/R	0	0	0	N/R	N/R	0	0						
Caries	N/P	N/R	N/R	0	0	0	N/R	N/R	0	0						
Abscess	N/P	N/R	N/R	0	0	0	0	N/R	0	0						
Cyst	N/P	N/R	N/R	0	0	0	0	N/R	0	0						
E.Hypoplasia	N/P	N/R	N/R	0	0	0	N/R	N/R	0	0						
Period. Dis.	N/P	N/R														
Attrition	N/P	N/R	N/R	2	1	1	N/R	N/R	1	1						

Dental Disease

Antemortem Tooth Loss

SK 1217 exhibits antemortem tooth loss of 2 mandibular and 1 maxillary molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites with the exception of Tooth 16 where only partial resorption of the tooth socket has occurred.

Cranial Pathology

Infection

Reactive Bone Formation

SK 1217 exhibits periosteal reactive bone lesions at the posterior aspect of the mandible. Reactive woven bone and sclerotic bone deposits are present affecting between $\frac{1}{3}$ and $\frac{2}{3}$ of the observable bone surface. Sclerosis of some of these lesions indicates a degree of healing took place before the time of death.

SK 1217: Palaeopathological Summary and Differential Diagnoses

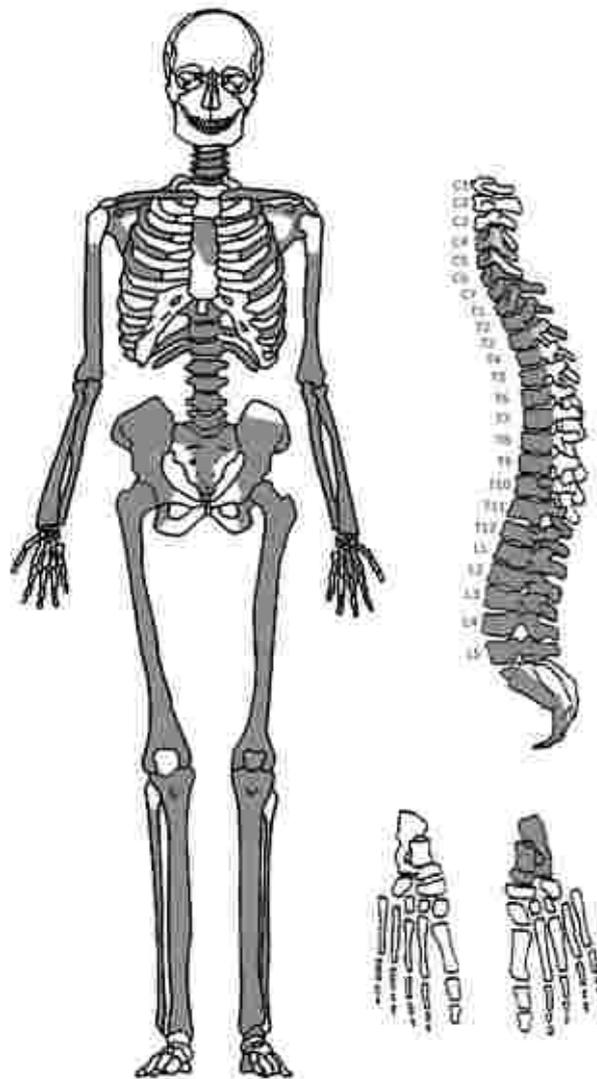
Dental Antemortem tooth loss, dental attrition
Infection Non-specific: reactive bone deposits

SK 1218**Middle Adult****Male: 159.8cm****Burial Position and Details:**

Plan No: 38F

Area No: 24

W-E orientation; simple, extended prone burial of good completeness and moderate preservation. Both arms were extended with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 25-50%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C4	0	0	0	0				N/R	N/R			
C5	3, 4	0	N/R	N/R				N/R	N/R			
C6	0	0	0	0				0	0			
C7	0	4	0	0				0	0			
T1	4	0	0	0	0	0	N/R	0	3, 4	0	N/R	3
T2	0	0	0	3, 4	0	0	0	3, 4	3, 4	0	N/R	N/R
T3	0	0	N/R	N/R	0	0	N/R	0	N/R	0	0	0
T4	0	3	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T5	5	5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T6	0	5	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T7	5	0	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T8	0	0	N/R	N/R	0	0	N/R	N/R	N/R	N/R	0	N/R
T9	0	0	N/R	N/R	0	0	N/R	N/R	N/R	0	N/R	N/R
T10	0	5	N/R	N/R	0			N/R	N/R	0		
T11	3, 5	0	0	0	3			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	N/R	0	0	0				3	3			
L3	3	0	3	0				3	0			
L4	3	N/R	0	0				0	0			
L5	N/R	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T5, T6, T7, T10 and T11.

SK 1218: Palaeopathological Summary and Differential Diagnoses

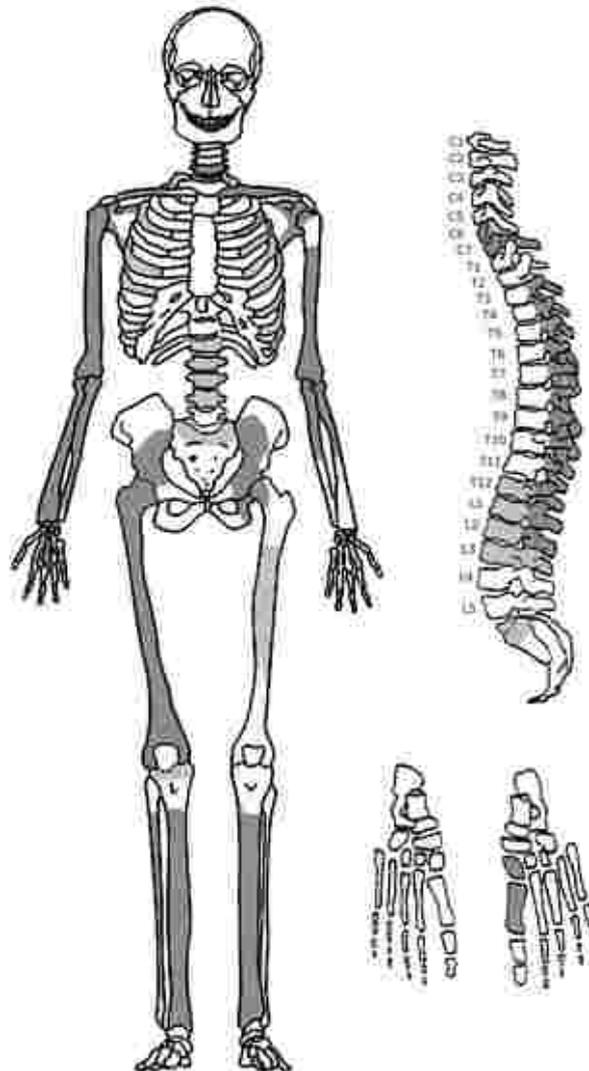
Vertebral Schmorl's nodes, DJD

SK 1219**Middle Adult****Probable Male: 159.9cm****Burial Position and Details:**

Plan No: 38F

Area No: 24

W-E orientation; simple, extended supine burial of good completeness and poor preservation. Both arms were flexed at the elbow crossing the pelvis with the right hand positioned over the pelvic region. Both legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C6	0	0	N/R	0				N/R	N/R			
C7	0	4	0	0				0	0			
T3	N/R	N/R	N/R	0	N/R	N/R	3	0	0	N/R	N/R	N/R
T4	N/R	N/R	0	4	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T5	N/R	N/R	0	4	N/R	N/R	N/R	0	4	N/R	N/R	N/R
T6	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T7	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R
T8	N/R	N/R	0	0	N/R	N/R	N/R	0	4	N/R	N/R	0
T9	N/R	N/R	0	0	N/R	N/R	N/R	0	4	N/R	N/R	N/R
T10	N/R	N/R	0	0	N/R			0	3	N/R		
T11	N/R	N/R	0	0	N/R			0	0	N/R		
T12	N/R	N/R	3, 4	0	N/R			0	0	N/R		
L1	N/R	N/R	0	0				0	0			
I 2	0	N/R	0	N/R				N/R	0			
I 3	3	N/R	0	N/R				0	0			

Joint

SK 1219 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Possible subchondral cyst	Left Clavicle
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Wrist</i>	Marginal osteophytes	Right distal radius

SK 1219: Palaeopathological Summary and Differential Diagnoses

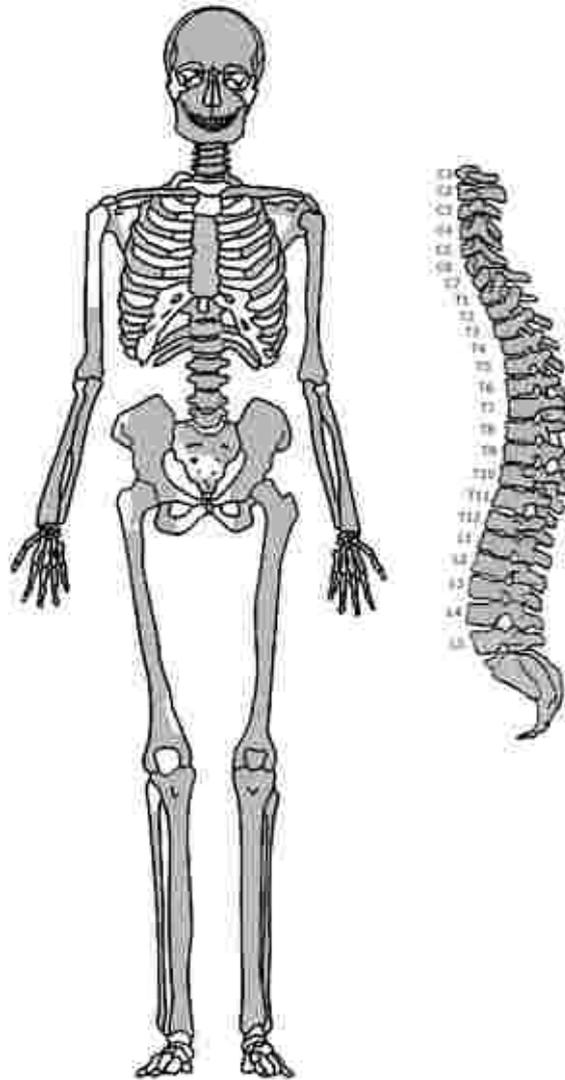
Vertebral DJD
Joint DJD: Possible subchondral cyst

SK 1220**Middle Adult****Female: 160.9cm****Burial Position and Details:**

Plan No: Not specified

Area No: 17

W-E orientation; simple, extended supine burial of moderate completeness and good preservation. The skull was positioned facing north. Both the arms and the legs were extended.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/P	N/P	3	3	N/P	N/P	2	N/P	2	3	3	N/P	1	3	N/P	1
Period. Dis.	0	0	0	N/R	0	0	N/R	0	0	N/R	N/R	0	1	1	0	1
E.Hypoplasia	N/P	N/P	0	0	N/P	N/P	0	N/P	0	N/R	N/R	N/P	0	0	N/P	0
Cyst	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	N/P	0	1	N/P	N/P	0	N/P	0	0	0	N/P	0	0	N/P	0
Calculus	N/P	N/P	1	1	N/P	N/P	1	N/P	1	1	1	N/P	1	1	N/P	2
	4	4	1	1	4	2	1	2	1	1	1	2	1	1	2	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
Calculus	2	2	2	2	2	2	N/P	N/P	N/P	2	1	1	2	2	2	2
Caries	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	1	2	1
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Attrition	1	2	2	1	1	1	N/P	N/P	N/P	1	2	2	2	2	2	2

Dental Disease

Antemortem Tooth Loss

SK 1220 exhibits antemortem tooth loss of 2 maxillary molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites. A probable associated periosteal lesion of sclerotic bone is observable immediately superior to the tooth site of Tooth 18 adjacent to a small cyst.

Caries

Tooth 36: Small carious lesion present on mesial aspect of neck of tooth

Tooth 37: Medium sized carious lesion present on buccal aspect of neck of tooth penetrating the pulp cavity

Tooth 38: Small carious lesion present on buccal aspect of neck of tooth

Cranial Pathology

Metabolic

Cribra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate and middle-lateral sector of the left and right orbital roof.

Non-specific Metabolic Disease Indicator

Porosity and coalescing of foramina with increased thickening of the diploë is exhibited adjacent to the sutures and bosses of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 3

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	3, 4	0	0				0	0			
C3	3, 4	3, 4	0	0				0	0			
C4	3, 4	3, 4	0	0				0	0			
C5	3, 4	3, 4	0	0				0	0			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	4	0	0				0	0			
T1	3, 4	0	0	0	4	N/R	N/R	0	0	3, 4	N/R	0
T2	0	0	0	3, 4	N/R	N/R	0	0	3, 4	N/R	4	0
T3	0	0	3, 4	0	0	N/R	0	3, 4	4	0	N/R	0
T4	0	3, 4	0	0	0	N/R	N/R	0	0	0	0	N/R
T5	3, 4	3, 4	0	0	N/R	4	N/R	0	0	N/R	4	0
T6	3, 4	3, 4	0	0	4	N/R	N/R	0	0	N/R	4	0
T7	3, 4	3, 4	0	0	N/R	4	0	0	0	0	4	N/R
T8	N/R	3, 4	0	4	4	4	0	0	0	4	4	0
T9	N/R	N/R	N/R	N/R	0	0	N/R	N/R	N/R	0	0	N/R
T10	3, 4	3, 4	N/R	N/R	N/R			N/R	N/R	0		
T11	3, 4	3, 4	N/R	0	0			0	0	0		
T12	3, 4	0	0	N/R	0			N/R	N/R	0		
L1	3, 4	3, 4	N/R	0				N/R	0			
L2	3, 4	3, 4	0	3				0	0			
L3	N/R	N/R	0	0				0	N/R			
L4	3, 4	3, 4	3	0				3	3, 4			
L5	3, 4	3, 4	0	0				0	3			

Infection

Reactive Bone Formation

SK 1220 exhibits extensive bilateral periosteal reactive bone lesions of both the axial and appendicular skeletal elements. Reactive woven bone deposits are present at the anterior aspect of the distal right radial shaft and the lateral aspect of the distal right femoral shaft. Sclerotic bone is present at the anterior-lateral aspect of the body of the left scapula and the anterior and posterior-lateral aspects of the body of the right scapula. Sclerotic bone deposits are also observable on the posterior aspect of the sternal body, the distal left shaft of the left ulna and radius, the posterior aspect of the left ilium, the anterior and posterior aspects of the right ilium and the proximal and mid-shaft of the left femur. An extensive mixed reaction of both woven and sclerotic bone is present at the anterior aspect of the left scapular body, the proximal and mid-shaft of the right femur and along the length of the shafts of the left and right tibiae and fibulae. Sclerosis of some of these lesions indicates chronicity of the condition in that a degree of healing took place before the time of death.

Specific Infection: Possible Tuberculosis

SK 1220 exhibits extensive pathological lesions indicative of the specific infection of tuberculosis, specifically lytic and diffuse bone loss lesions of the vertebral bodies and visceral surface reactive lesions of the right ribs. SK1220 also exhibits bilateral reactive bone deposits at the majority of the long-bones (described above) and a lesion of diffuse bone loss at the left auricular surface.

Extensive lesions of abnormal diffuse bone loss are exhibited at the vertebral bodies of C2-C7, T1, T5-T11, L1, L2, L4, L5 and S1. Partial healing (i.e. sclerosis at the lesions' boundaries) is observable in all cases. Lytic lesions presenting as unifocal lesion of bone loss are present at the vertebral bodies of T8, T9, T10, T11, T12 and L1. In the cases of T8 and T9 lytic bone erosion has resulted in complete perforation of the vertebral body. Probable secondary structural collapse has occurred in response to the presence of a lytic lesion at the vertebral body of L1 where a slight depression is observable on the superior face of the affected vertebral body. There is no observable healing in all cases of lytic lesions.

Periosteal reactive lesions are observable at the right 2nd rib, 6 right rib bodies and a further 8 right rib fragments. A mixed reaction of both woven and sclerotic bone is observable at the visceral surfaces of 4 right ribs adjacent to the rib neck. Sclerotic bone only is observable at the visceral surface of the 2nd rib adjacent to the rib neck and 2 further right rib bodies. A

mixture of woven bone deposits and sclerotic bone is observable at the visceral surfaces of the affected 8 rib fragments.

A lesion of diffuse bone loss and bone formation is exhibited at the auricular surface of the left ilium. This lesion affects the entire auricular surface. Bone formation is sclerotic in composition.

Joint

SK 1220 exhibits extensive pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Temporomandibular</i>	Surface porosity	Left and Right Mandibular Condyle
<i>Acromioclavicular</i>	Surface porosity	Left Clavicle
<i>Sternoclavicular</i>	Surface porosity	Left and Right Clavicle
<i>Glenohumeral</i>	Periarticular resorptive foci, surface porosity, eburnation, marginal osteophytes	Left and Right Glenoid Fossa
<i>Ribs</i>	Surface porosity	1x Left Rib head 1x Right Rib head
<i>Wrist</i>	Surface porosity, eburnation, marginal osteophytes	Left distal radius, scaphoid, lunate, trapezoid, trapezium, triquetrum and hamate
<i>Hand</i>	Marginal osteophytes, eburnation	Left MC1 and 1 st proximal phalanx
<i>Hip</i>	Periarticular resorptive foci, surface porosity	Left and Right Acetabulum
<i>Knee</i>	Surface porosity, eburnation	Left and Right Tibial Condyles

Miscellaneous Pathology

Unidentified Biological Object

A fragment of a calcified unidentified object was recovered from the pelvic fragments of SK1220

SK 1220: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, dental cyst, periodontal disease, calculus, dental attrition
Vertebral Intervertebral osteochondrosis, DJD, Lytic lesions

Joint Osteoarthritis, DJD
Metabolic CO, Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis
Infection Possible Tuberculosis, Non-specific: reactive bone deposits
Miscellaneous Calcified biological object

SK 1221

Old Adult

Male

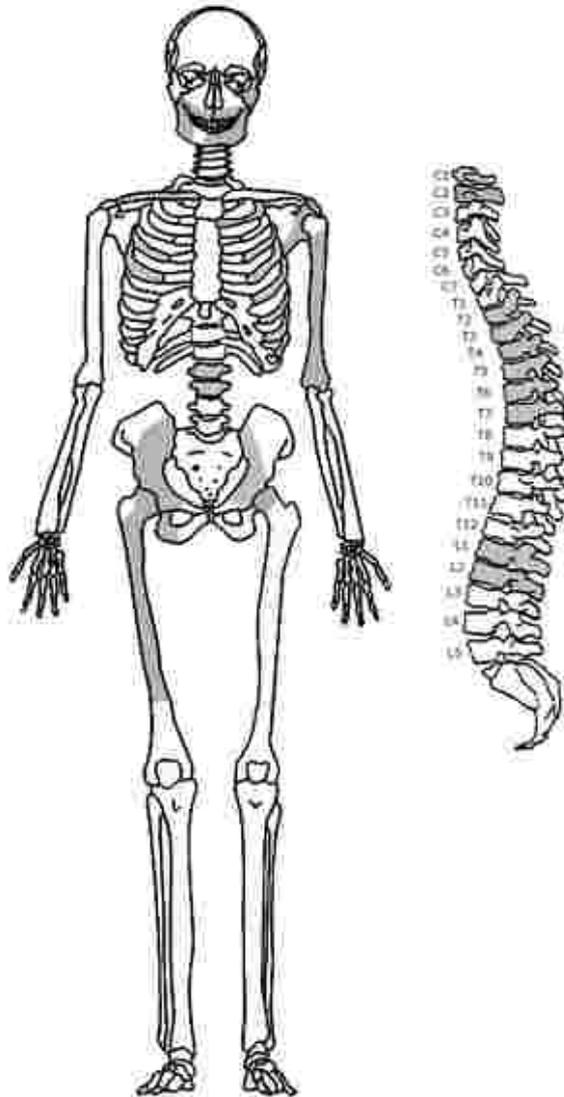
Burial Position and Details:

Plan No: Not specified

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The skull was positioned facing north. The left arm was extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

Dentition

Attrition	N/P	N/P	N/P	N/P	3	N/P	N/P	N/P	N/P	N/P	N/P	3	N/P	N/P	3	2		
Period. Dis.	N/P	N/P	N/P	N/R	0	0	0	0	0									
E.Hypoplasia	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	0	0		
Cyst	N/P	N/P	N/P	N/R	0	0	0	0	0									
Abscess	N/P	N/P	N/P	N/R	0	0	0	0	0									
Caries	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	0	0		
Calculus	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	0	1		
	N/P	N/P	N/P	2	1	2	2	2	2	2	2	2	2	1	2	2	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28		
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38		
	1	4	N/P	N/P	N/P	1	2	2	2	1	1	1	1	1	1	3		
Calculus	1	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	1	1	1	1	1	1	N/R		
Caries	0	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	0	0	0	0	0	0	N/R		
Abscess	0	0	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	0		
Cyst	0	0	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	0		
E.Hypoplasia	0	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	0	0	0	0	0	0	N/R		
Period. Dis.	0	0	N/P	N/P	N/P	N/R	0	0	0	0	0	0	0	0	0	0		
Attrition	2	N/P	N/P	N/P	N/P	2	N/P	N/P	N/P	2	2	2	2	3	3	N/R		

Dental Disease

Antemortem Tooth Loss

SK 1221 exhibits antemortem tooth loss of a mandibular molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

SK 1221: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, calculus, dental attrition

SK 1223	Adult	Male: 175.5cm
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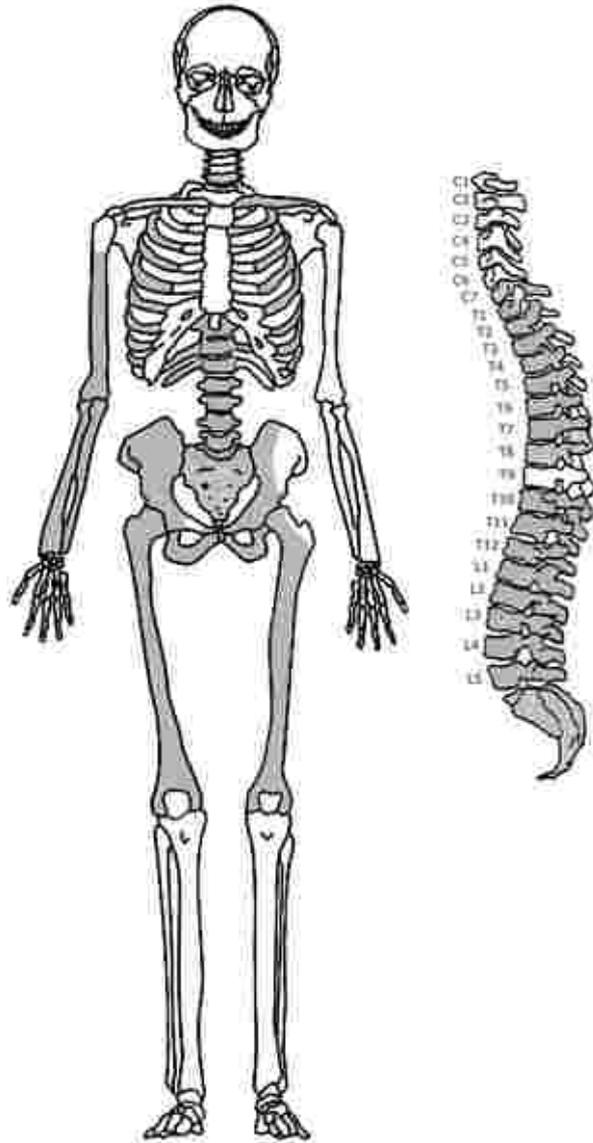
Burial Position and Details:

Plan No: 38I

Area No: 17/24

W-E orientation; simple, extended supine burial of good completeness and moderate preservation. The right arm was extended with the hands positioned over the pelvic region.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: <25%

Average preservation: Grade 3

SK 1223: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1224**Young Adult****Male: 170.1cm****Burial Position and Details:**

Plan No: Not specified

Area No: 24

W-E orientation; simple, crouched burial on right side of good completeness and good preservation. The skull was positioned face-up. The left arm was flexed at the elbow crossing the pelvis with the right arm extended and the hands positioned over the pelvic region. Both legs were flexed upwards with the feet together.

Visual Inventory**Preservation**

Approximate Completeness: 75-100%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

Dentition

Attrition	2	2	2	2	2	N/P	2	N/P	N/P	N/P	N/P	N/P	N/P	2	1	2
Period. Dis.	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0
Calculus	2	1	2	1	1	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P	1	1	1
	1	1	1	1	1	2	1	2	2	2	2	2	2	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	2	5	5	1	1	1	1	1	1
Calculus	1	1	1	1	1	1	1	N/P	N/R	N/R	1	1	1	1	1	2
Caries	0	0	0	0	0	0	0	N/P	N/R	N/R	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	N/R	N/R	0	0	0	0	0	0
Period. Dis.	0	0	0	0	0	1	1	0	0	0	N/R	1	0	0	0	0
Attrition	2	2	2	2	2	2	2	N/P	N/R	N/R	2	1	2	2	2	1

Cranial Pathology

Trauma

Perimortem Sharp-force trauma

Two large perimortem sharp-force weapon wounds are present at the posterior left parietal traversing the mid-sagittal suture and at the posterior left parietal and occipital bones traversing the mid-lambdoid suture respectively. The first lesion is linear in shape and appears as an edged slicing wound with a maximum length of 74.3mm. The second lesion also presents as an edged slicing wound, linear in shape, with a maximum length of 67.4mm. There is no observable healing in both cases indicating these wounds were inflicted perimortem. These wounds were likely to have been inflicted by a sharp-edged or bladed weapon such as a sword.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	0	0	0	0				0	0			
C2	0	0	0	N/R				0	0			
C4	4	3, 4	N/R	0				0	0			
C5	3, 4	0	0	0				0	0			
C6	0	0	0	0				0	0			
C7	0	0	0	3				0	0			
T1	N/R	N/R	2, 3	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T2	N/R	N/R	0	0	N/R	N/R	0	0	0	N/R	N/R	0
T3	0	0	0	3, 4	0	0	N/R	0	4	N/R	0	0
T4	N/R	N/R	N/R	2, 3, 4	N/R	N/R	N/R	1	4	N/R	N/R	0
T5	0	N/R	2, 3, 4	1	0	N/R	N/R	0	1	0	N/R	N/R
T6	N/R	0	1	3, 4	4	N/R	N/R	1	4	N/R	N/R	N/R
T7	0	0	3	0	0	0	N/R	4	0	0	0	N/R
T8	3	3	0	3, 4	N/R	N/R	N/R	0	0	N/R	N/R	0
T9	5, 3	0	4	0	3	0	N/R	0	0	0	0	0
T10	0	3	0	0	0			0	0	4		
T11	0	3	0	0	0			0	0	0		
T12	0	0	3	0	4			0	0	0		
L1	N/R	N/R	N/R	0				0	0			
L2	N/R	N/R	0	4				0	0			
L3	0	0	N/R	0				0	0			
L4	0	0	N/R	N/R				N/R	N/R			
L5	0	3	N/R	N/R				N/R	N/R			

Schmorl's Nodes

A Schmorl's node of mild expression is present at the vertebral body of T9.

Ankylosis

Ankylosis has occurred at the left and right inferior apophyseal facets of T5 to the left and right superior apophyseal facets of T6 as a result of extensive marginal osteophyte formation.

Osteoarthritis

Lesions indicative of osteoarthritis are exhibited at the right superior apophyseal vertebral facets of T1 and T5 and the right inferior apophyseal facet of T4 in the form of eburnation, surface porosity and marginal osteophyte formation.

*Trauma**Musculo-Skeletal Stress*

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the left clavicle at the insertion point of the subclavius muscle.

*Infection**Osteomyelitis*

Deep-bone medullary cavity inflammatory lesions are present at two unnumbered right rib fragments. Both rib fragments exhibit severe infection in the form of extensive new bone formation and multiple cloacae at the rib bodies. Overgrowth of bone as a result of extensive reactive bone formation due to infection has resulted in fusion at the affected rib bodies adjacent to the sternal end.

Joint

SK 1224 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Glenohumeral</i>	Marginal osteophytes	Right Glenoid Fossa
<i>Wrist</i>	Eburnation	Left Trapezium
<i>Hand</i>	Eburnation	Left MC1
<i>Knee</i>	Marginal osteophytes	Right Femoral Condyles Right Tibial Condyles

SK 1224: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's node, Osteoarthritis, Intervertebral osteochondrosis
<i>Joint</i>	Osteoarthritis, DJD
<i>Infection</i>	Osteomyelitis
<i>Trauma</i>	Perimortem Sharp-force cranial trauma

SK 1225

Middle Adult

Male: 170.7cm

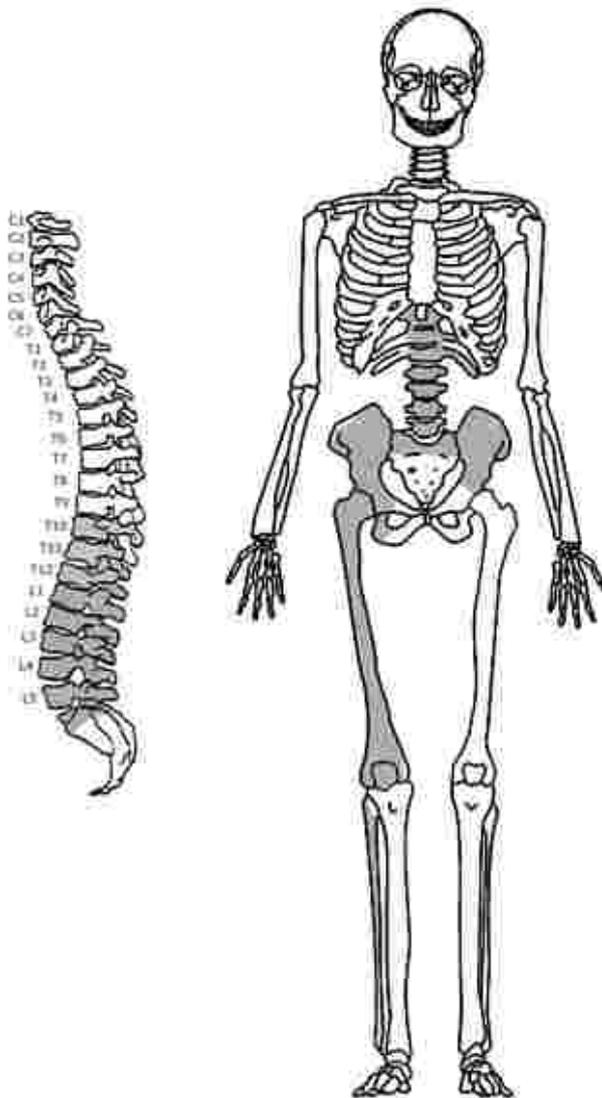
Burial Position and Details:

Plan No: 46C

Area No: 28

Orientation not specified: simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T9	N/R	N/R	N/R	0	N/R	N/R	N/R	0	0	N/R	N/R	0
T10	N/R	N/R	N/R	0	N/R			0	0	N/R		
T11	0	5	N/R	N/R	N/R			N/R	N/R	0		
T12	5	5	0	0	0			0	0	0		
I 1	0	0	0	N/R				N/R	N/R			
L2	5	5	0	0				0	0			
I 3	5	5	0	0				N/R	0			
I 4	5	N/R	0	0				0	0			
L5	5	N/R	0	0				0	0			
L6	N/R	N/R	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T11, T12, L2, L4 and L5.

Congenital

Supernumerary Vertebra

L6 is present.

SK 1225: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's nodes
 Congenital Supernumerary vertebra

SK 1227

Young Adult

Probable Male

Burial Position and Details:

Plan No: 38

Area No: 24

E-W orientation; simple, extended supine burial of moderate completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1227: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1228A

Adult

Probable Male: 173.5cm

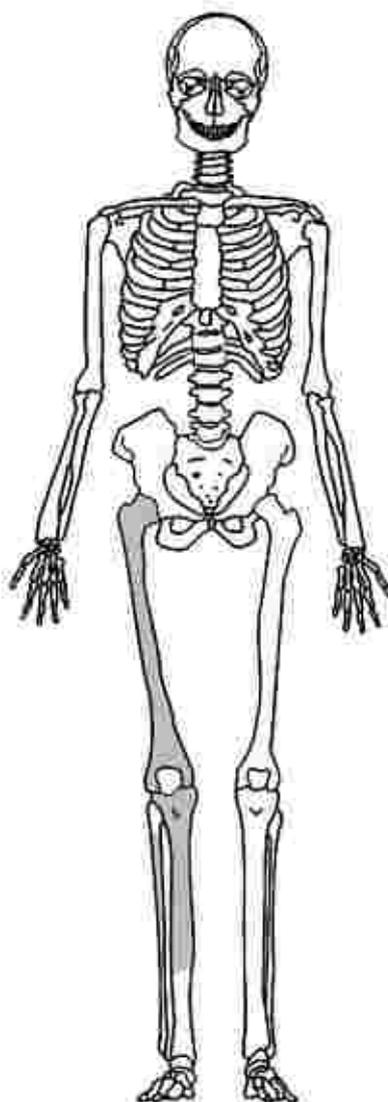
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Post Cranial Pathology

Trauma

Musculo-Skeletal Stress

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the proximal fibular facet of the right tibia.

SK 1228A: Palaeopathological Summary and Differential Diagnoses

Trauma Musculo-skeletal stress

SK 1229

Adult

Sex Not Recordable

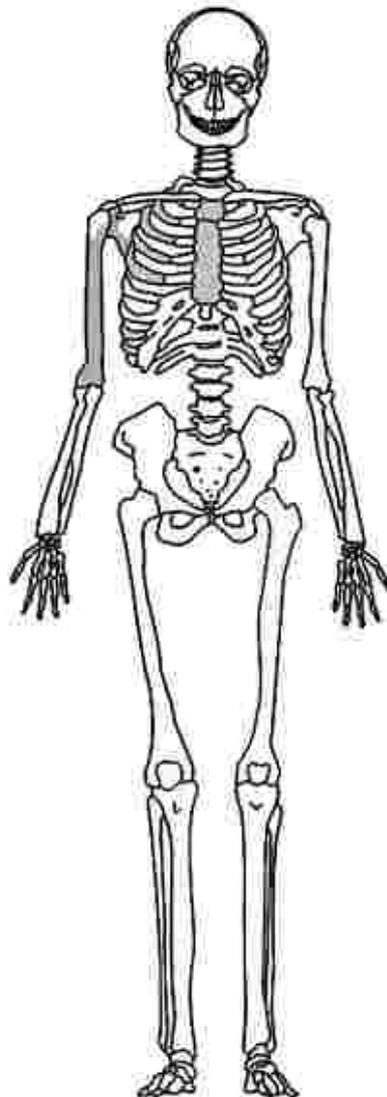
Burial Position and Details:

Plan No: 381

Area No: 17/24

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. The right arm was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

SK 1229: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1230

Young Adult

Sex Not Recordable

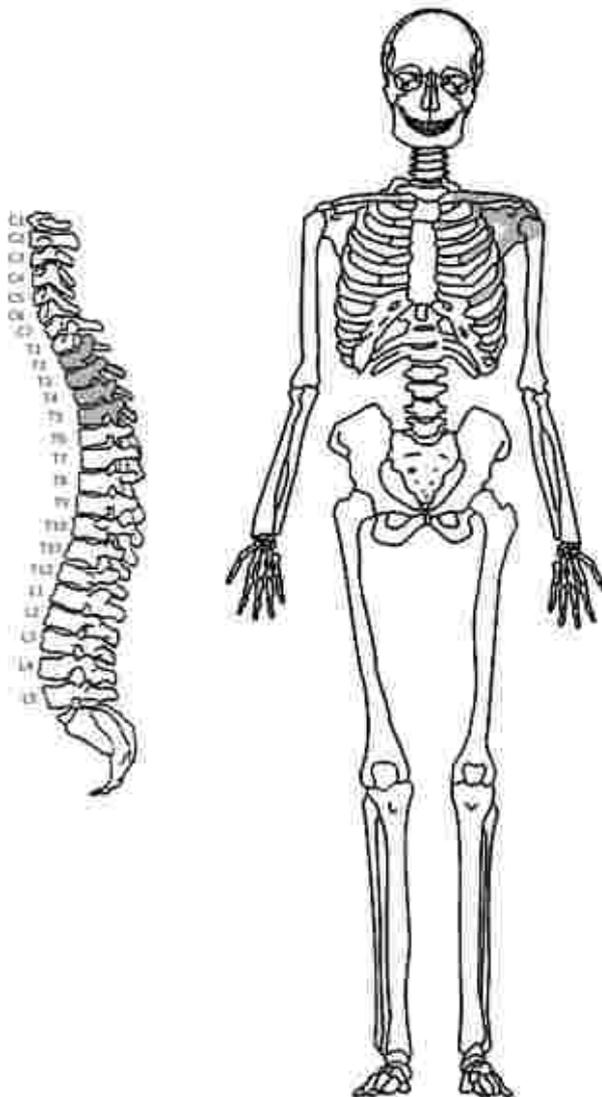
Burial Position and Details:

Plan No: 38I

Area No: 17/24

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 1230: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1232

Young Adult

Male: 170.3cm

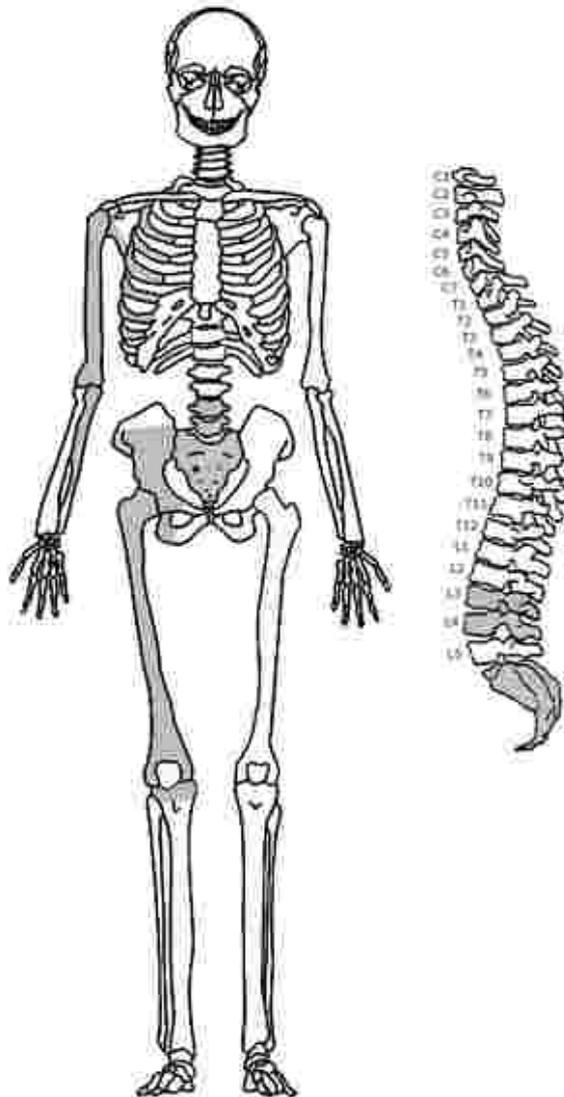
Burial Position and Details:

Plan No: 50

Area No: 27

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. Both the right arm and leg were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Taphonomy: SK1232 is heavily affected by oxidisation

SK 1232: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1233

Adult

Sex Not Recordable

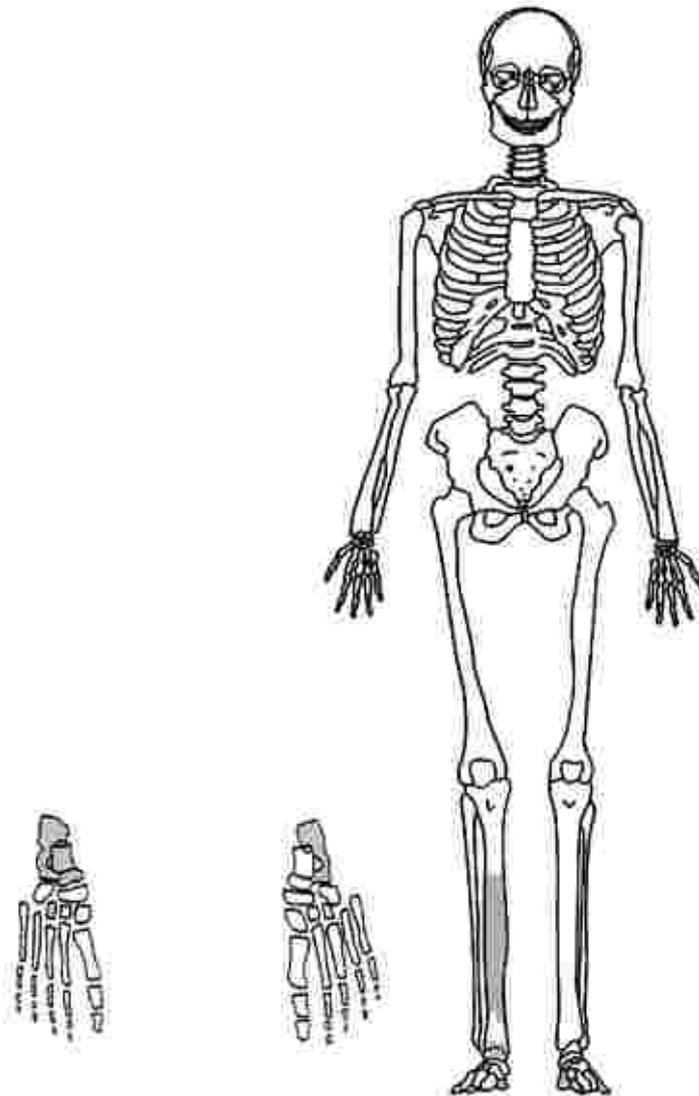
Burial Position and Details:

Plan No: 38I

Area No: 17/24

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1233: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1234

Middle Adult

Probable Male: 162.6cm

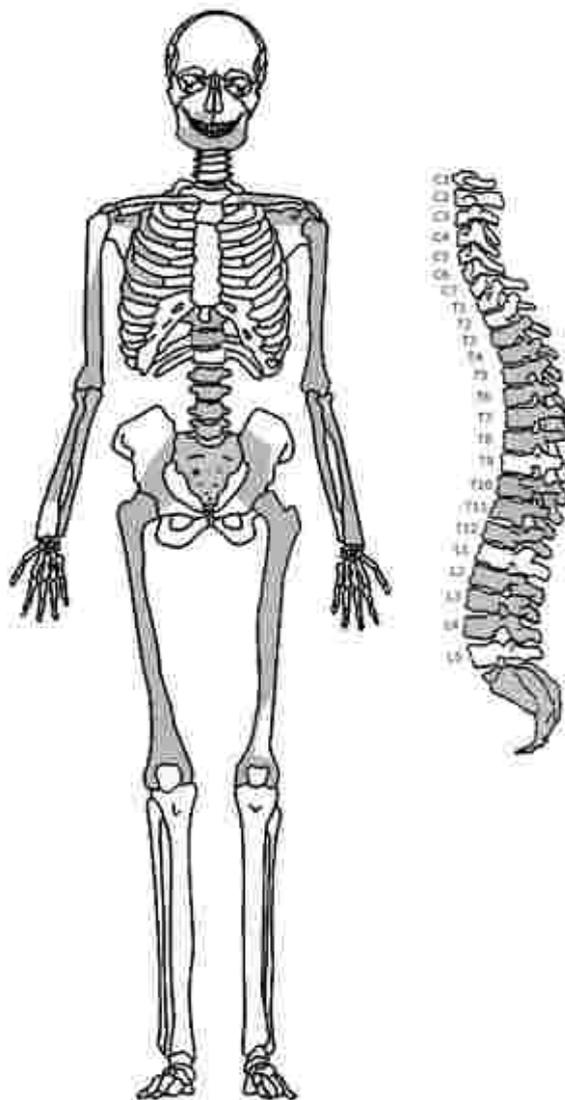
Burial Position and Details:

Plan No: 38

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and poor preservation. Both the arms and the legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Dentition

Attrition	N/P	N/P	N/P	2	1	N/R	1	1	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/P
Period. Dis.	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/P
E.Hypoplasia	N/P	N/P	N/P	0	0	N/R	0	0	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P
Cyst	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/P
Abscess	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/P
Caries	N/P	N/P	N/P	0	0	N/R	0	0	N/P	0	N/P	N/P	N/P	N/P	N/P	N/P
Calculus	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/R	N/P	N/R	N/P	N/P	N/P	N/P	N/P	N/P
	N/P	N/P	N/P	1	1	2	1	1	N/P	1	N/P	N/P	N/P	N/P	N/P	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	4	4	2	2	2	2	2	2	2	4	4	1	N/P
Calculus	N/P	1	2	N/R	N/P											
Caries	N/P	0	0	N/R	0	N/P										
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R	0	N/P
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R	0	N/P
E.Hypoplasia	N/P	0	0	N/R	0	N/P										
Period. Dis.	N/P	1	1	N/R	1	N/P										
Attrition	N/P	0	1	N/R	1	N/P										

Dental Disease

Antemortem Tooth Loss

SK 1234 exhibits antemortem tooth loss of 4 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1234 exhibits a periosteal reactive bone lesion at the left femur. A reactive woven bone deposit is present at the anterior aspect of the distal shaft of the femur. There is no observable healing of this lesion by the time of death.

Congenital

Saggital Cleft Centra

A saggital cleft defect is present at the vertebral bodies of T12 and an unnumbered thoracic vertebra. Narrow bifurcation of the affected vertebral bodies as a result of this defect has resulted in a 'butterfly' appearance.

SK 1234: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition
Infection Non-specific: reactive bone deposit
Congenital Saggital Cleft Vertebra

SK 1237

Young Adult

Male

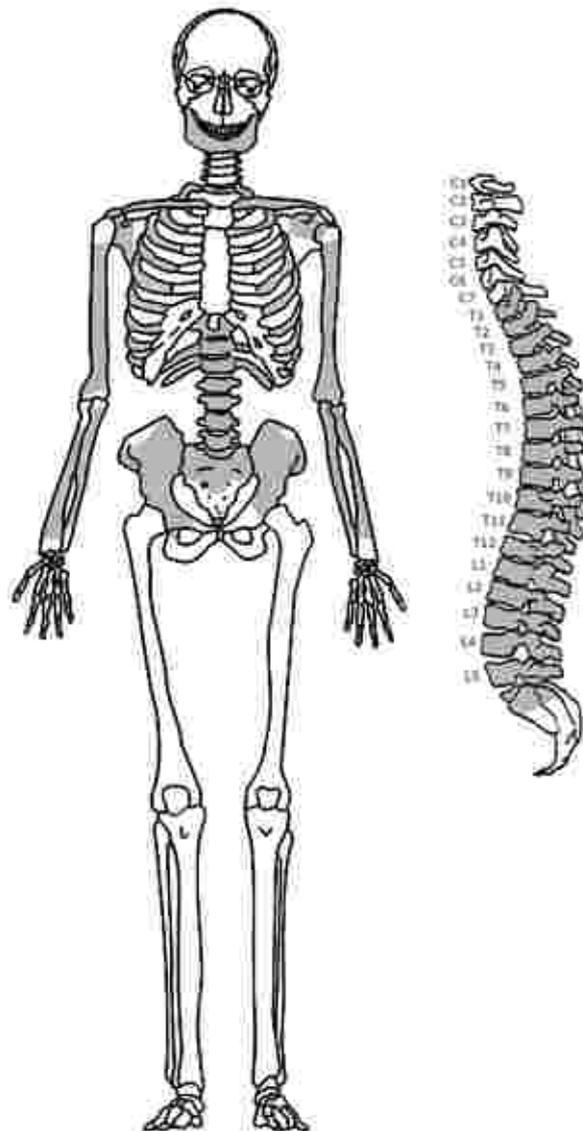
Burial Position and Details:

Plan No: 381

Area No: 25

NW-SE orientation; simple, extended supine burial of moderate completeness and moderate preservation. The skull was positioned facing upwards. Both arms were extended.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 3

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
Calculus	N/P	0	0	1	1	1	1	N/P	N/P	N/P	2	1	1	1	1	1
Caries	N/P	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0
Abscess	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	0	0	0	0	0	0	N/P	N/P	N/P	0	0	0	0	0	0
Period. Dis.	N/P	0	0	0	0	0	0	0	0	0	N/R	0	0	0	0	0
Attrition	N/P	0	2	0	1	2	2	N/P	N/P	N/P	0	0	0	2	1	0

Dental Disease

Congenital Abnormalities of the Teeth/ Jaws

Tooth 48 is missing congenitally.

Post Cranial Pathology*Vertebral*

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T1	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
T2	0	0	0	0	0	N/R	0	0	0	0	N/R	N/R
T3	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	N/R	0	0	0	0
T5	0	0	4	4	0	N/R	0	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0
T8	5	0	0	0	0	0	0	0	0	N/R	0	0
T9	5	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0			0	0	0		
T11	0	0	0	0	0			0	0	0		
T12	0	0	0	0	0			0	0	0		
L1	0	0	0	0				0	0			
L2	4	0	0	0				0	0			
L3	0	0	0	4				0	0			
L4	0	0	0	0				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T8 and T9.

SK 1237: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition, congenitally absent 3rd molar
Vertebral Schmorl's nodes

SK 1238

Adult

Male: 164.7cm

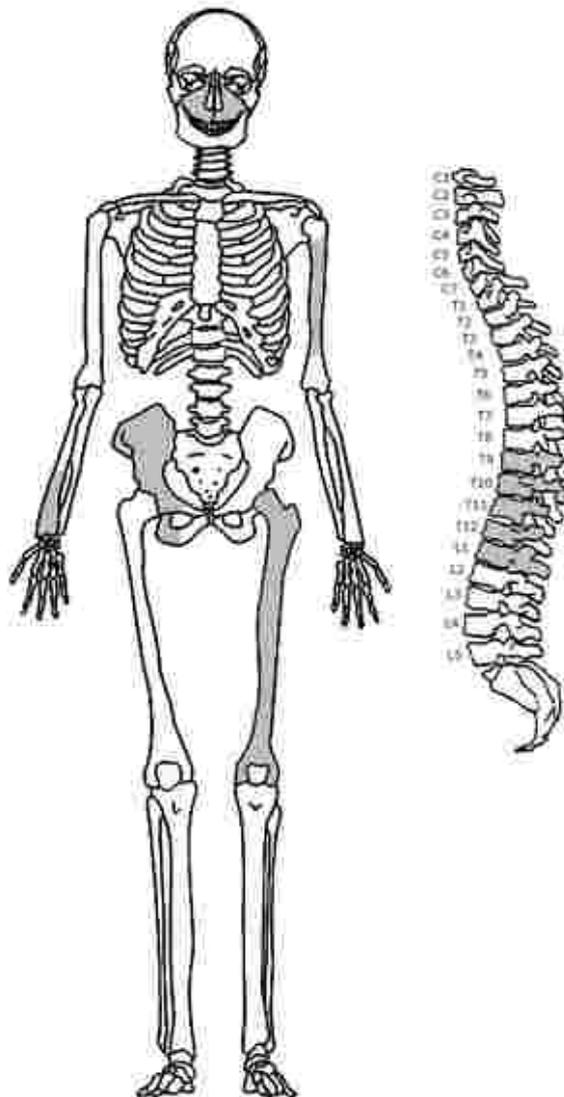
Burial Position and Details:

Plan No: 35G

Area No: 17

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	1	1	N/P	2	N/P										
Period. Dis.	N/P	0	0	N/P	N/R	N/P										
E.Hypoplasia	N/P	1	0	N/P	0	N/P										
Cyst	N/P	0	0	N/P	N/R	N/P										
Abscess	N/P	0	0	N/P	N/R	N/P										
Caries	N/P	0	0	N/P	0	N/P										
Calculus	N/P	1	1	N/P	1	N/P										
	N/P	1	1	N/P	1	N/P										
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															
Calculus	N/P															
Caries	N/P															
Abscess	N/P															
Cyst	N/P															
E.Hypoplasia	N/P															
Period. Dis.	N/P															
Attrition	N/P															

Dental Disease

Enamel Hypoplasia

Tooth 24: 1 hypoplastic groove present 3.47mm from the cemento-enamel junction.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup.Facet	R.Inf. Facet	R.Sup. Costal	R.Inf. Costal	R.Trans	L.Sup. Facet	L.Inf. Facet	L.Sup. Costal	L.Inf. Costal	L. Trans
T10	5	5	0	N/R	0			0	0	4		
T11	5	5	0	N/R	0			N/R	N/R	N/R		
T12	N/R	N/R	N/R	N/R	N/R			N/R	N/R	N/R		

Schmorl's Nodes

Schmorl's nodes of moderate expression are present at the vertebral bodies of T10 and T11.

SK 1238: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, enamel hypoplasia, dental attrition
Vertebral Schmorl's nodes

SK 1239B

Young Adult

Male: 172.2cm

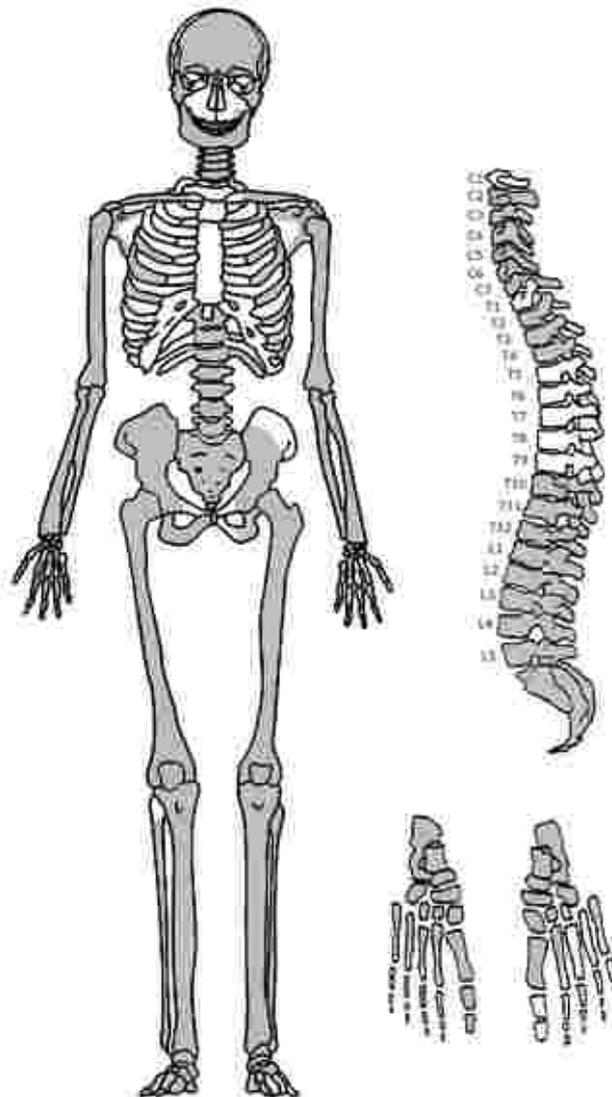
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Extended, straight, with ear-muff stones present.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Animal gnawing marks were noted on the left clavicle and right fibula.

Dentition

Attrition	N/P	N/P	N/P	N/P	N/P	N/P	0	1	2	N/P	N/P	N/P	N/P	2	2	N/P
Period. Dis.	N/P	1	N/R	N/P												
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	0	0	N/P
Cyst	N/P	0	N/R	N/P												
Abscess	N/P	0	N/R	N/P												
Caries	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	N/P	N/P	N/P	N/P	0	0	N/P
Calculus	N/P	N/P	N/P	N/P	N/P	N/P	0	1	0	N/P	N/P	N/P	N/P	1	1	N/P
	N/P	N/P	N/P	N/P	N/P	N/P	1	1	1	N/P	N/P	N/P	N/P	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calculus	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period. Dis.	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
Attrition	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C2	N/R	0	0	0				N/R	0			
C3	0	0	0	0				0	0			
C4	0	0	0	0				4	0			
C5	0	3, 4	0	0				0	N/R			
C6	3, 4	3, 4	0	0				0	0			
C7	3, 4	N/R	0	N/R				N/R	N/R			
T2	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T6	N/R	5	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R
T7	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	N/R	N/R
T8	5	5	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T9	N/R	N/R	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	N/R
T10	N/R	N/R	0	0	N/R			0	0	N/R		
T11	5	5	0	0	0			3	0	N/R		
T12	3, 5	N/R	0	0	0			0	0	0		
I 1	N/R	3, 4	N/R	N/R				0	0			
L2	3, 4, 5	3, 4, 5	0	0				N/R	0			
L3	N/R	4	N/R	N/R				N/R	N/R			
L4	3, 4, 5	0	N/R	N/R				N/R	N/R			
L5	N/R	3	N/R	N/R				N/R	N/R			

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of T6 and T8.

Schmorl's nodes of moderate expression are present at the vertebral bodies of T11 and T12.

Schmorl's nodes of marked expression are present at the vertebral bodies of L2 and L4.

*Trauma**Musculo-Skeletal Stress*

Vertical enthesophyte formation indicative of musculo-skeletal stress is present at the anterior iliac crest of the right ilium at the insertion point of the iliopsoas muscle.

Joint

SK 1239B exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity	Right Clavicle
<i>Glenohumeral</i>	Marginal osteophytes, periarticular resorptive foci	Right Humeral Head and Glenoid fossa

*Trauma**Spondylolysis*

Spondylolysis is exhibited at the pars interarticularis of an unnumbered lumbar vertebra (possibly L4 or L5). Post-mortem damage is present at the right side of the affected vertebrae so unable to assess if this lesion was uni- or bilateral in expression.

SK 1239B: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD
<i>Joint</i>	DJD
<i>Trauma</i>	Musculo-skeletal stress, Spondylolysis

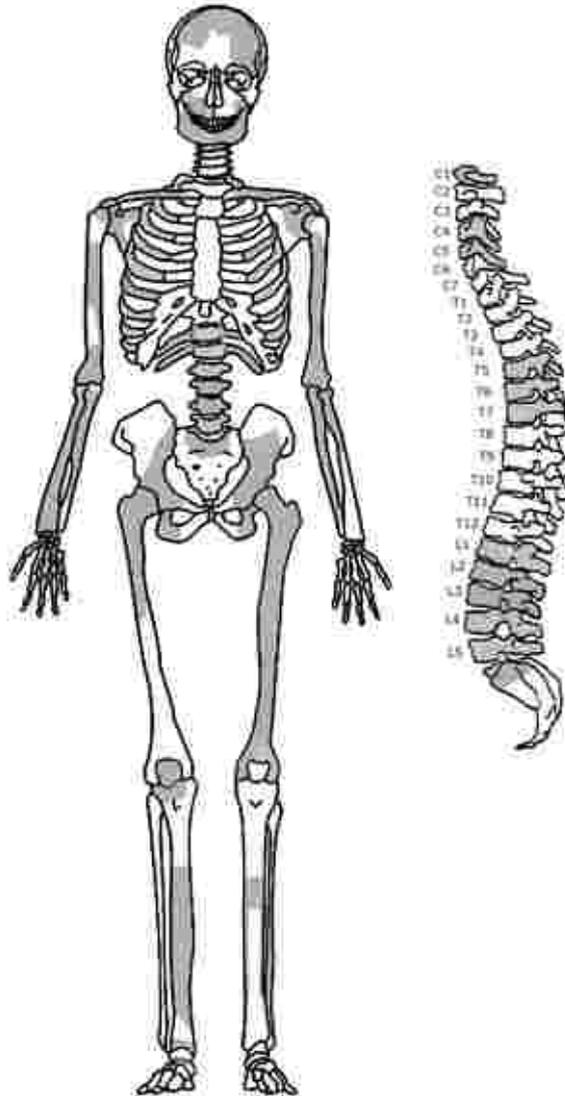
SK 1242**Young Adult****Female****Burial Position and Details:**

Plan No: 38C

Area No: 17/24

W-E orientation; simple, extended supine burial of moderate completeness and moderate preservation. The skull was positioned on the left side. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	0	1	1	1	1	2	N/R	2	N/P	N/P	N/P	N/P	1	2	1	N/P
Period. Dis.	1	1	1	1	1	1	0	0	N/P	N/P	N/P	N/P	0	0	0	N/P
E.Hypoplasia	0	0	0	0	0	0	N/R	0	N/P	N/P	N/P	N/P	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	N/P	N/P	N/P	N/P	0	0	0	N/P
Caries	0	0	0	0	0	0	N/R	0	N/P	N/P	N/P	N/P	0	0	0	N/P
Calculus	2	2	2	2	2	2	N/R	2	N/P	N/P	N/P	N/P	2	1	1	N/P
	1	1	1	1	1	1	5	1	N/P	N/P	N/P	N/P	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	4	4	2	2	2	2	2	2	2	4	1	1	1
Calculus	1	2	2	N/P	2	1	1									
Caries	0	0	0	N/P	0	0	0									
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	N/P	0	0	0									
Period. Dis.	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Attrition	0	2	2	N/P	2	1	0									

*Dental Disease**Antemortem Tooth Loss*

SK 1242 exhibits antemortem tooth loss of three mandibular premolars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites of Tooth 44 and 45 with only partial resorption of the tooth socket of Tooth 35.

Cranial Pathology

Trauma

Possible Trepanation

A possible healed trepanation is present at the posterior frontal traversing the mid-coronal suture to the anterior left and right parietals. The original incision is ovoid in shape measuring approximately 86.5mmmm anterior-posterior and 73.1mm medial-lateral. Extensive healing has obliterated the edges of the original incision. The healed lesion's boundaries measure 59.2mm anterior-posterior and 31.6mm medial-lateral. This incision is likely to have been made using a scraping technique.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	0				N/P	N/P			
C3	Two vertebral bodies are evident; one has osteophytes on the superior surface and porosity is evident on both of the inferior surfaces.		N/R	N/R				N/R	N/R			
C4			N/R	N/R				N/R	N/R			
C5			N/R	N/R				N/R	N/R			
C6			N/R	N/R				N/R	N/R			
C7			N/R	N/R				N/R	N/R			
T1	Three neural arches are present with no pathological lesions are evident.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10	N/R	N/R	0	0	0		0	0	N/R			
T11	N/R	N/R	0	0	N/R		0	0	4			
T12	N/R	N/R	0	0	N/R		N/R	N/R	N/R			
L2	5	0	N/R	0			0	0				
L3	3, 4, 5	3,	3, 4	3			3	N/R				
L4	3, 4	3, 4	N/R	N/R			0	N/R				
L5	3, 4	3	0	0			3	0				

Schmorl's Nodes

Schmorl's nodes of mild expression are present at the vertebral bodies of L2 and L3.

Intervertebral osteochondrosis

Lesions indicative of intervertebral osteochondrosis are exhibited at the vertebral bodies of L3, L4 and L5 in the form of vertical syndesmophyte formation at the rim of the affected bodies.

Infection

Osteomyelitis

SK 1242 exhibits both endosteal and medullary cavity reactive lesions of L3, L4 and the left femur respectively. Possible osteitis is exhibited at the vertebral body of L4, presenting as multiple lesions of abnormal bone loss and reactive sclerotic bone on the superior, inferior and anterior aspects of the vertebral body. Possible osteomyelitis is present at the vertebral body of L3 which also exhibits extensive lesions of bone loss and sclerotic bone formation. In the case of L3 a sinus is observable at the inferior surface of the vertebral body indicating endosteal involvement.

Bone Inflammation: Osteomyelitis with possible secondary musculo-skeletal stress

A well-healed medullary-cavity reactive lesion is observable at the left femoral shaft. Extensive healing is observable along the length of the bone shaft. An associated sinus indicating endosteal involvement is present at the posterior aspect of the proximal shaft. Sclerotic bony exostoses (possibly enthesophyte formations) are observable at the posterior aspect of the affected bone shaft at the site of the linea aspera muscle marker. These lesions may be indicative of secondary musculo-skeletal stress in response to the infection.

SK 1242: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's nodes, Intervertebral osteochondrosis, DJD
<i>Infection</i>	Non-specific: osteitis, osteomyelitis
<i>Trauma</i>	Possible trepanation, Secondary musculo-skeletal stress

SK 1244

Middle Adult

Probable Female

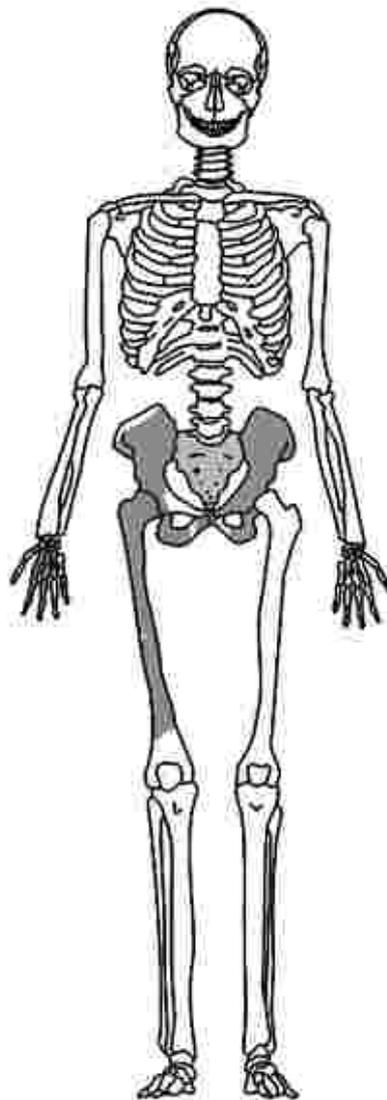
Burial Position and Details:

Plan No: 38C

Area No: 24

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 1244: Palaeopathological Summary and Differential Diagnoses

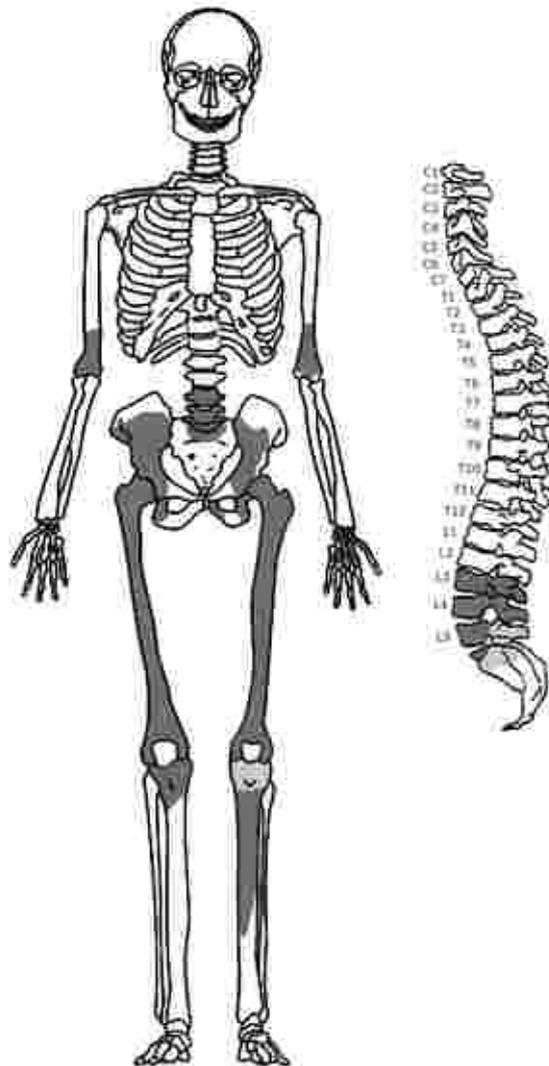
No pathological lesions were observed on the skeletal elements present for analysis.

SK 1245**Young Adult****Male****Burial Position and Details:**

Plan No: 38C

Area No: 24

W-E orientation; simple, extended supine burial of moderate completeness and poor preservation. Both arms were flexed at the elbow crossing the pelvis with the hands positioned over the pelvic region. The left leg was extended. SK1245 was found in association a quartz piece recovered from the torso region.

Visual Inventory**Preservation**

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

SK 1245: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1247

Young Adult

Probable Male

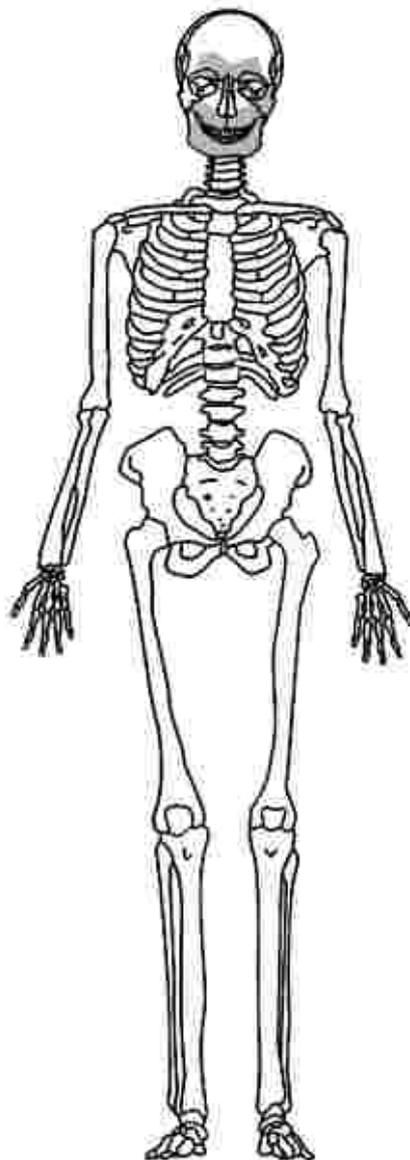
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	0	0	0	0	1	0	2	2	2	2	0	0	2	1	0	
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Calculus	N/P	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	
		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1
Calculus		1	1	1	1	1	N/P	2	N/P	0	1	1	1	1	0	0	
Caries		0	0	0	0	0	N/P	0	N/P	0	0	0	0	0	0	0	
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia		0	0	0	0	0	N/P	0	N/P	0	0	0	0	0	0	0	
Period. Dis.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Attrition		0	1	2	0	0	1	N/P	2	N/P	1	1	1	1	2	1	0

SK 1247: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 1248

Adult

Probable Female

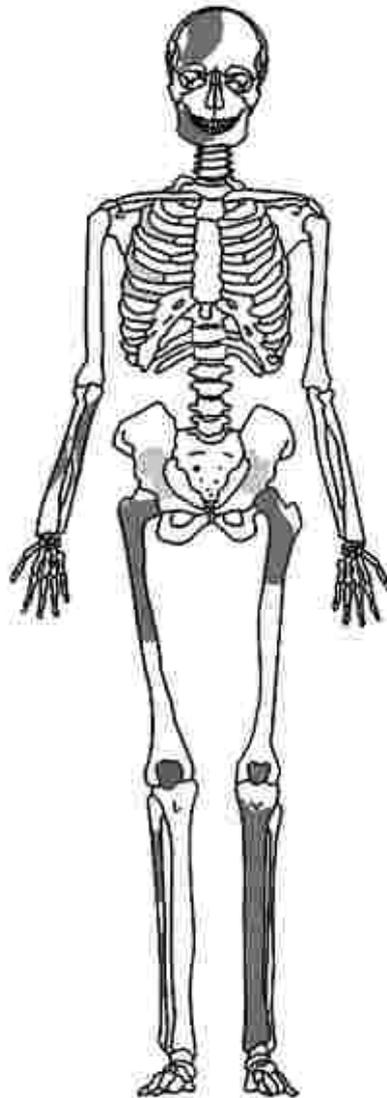
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Dentition

	N/P															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	4	1	N/P										
Calculus	1	1	1	N/R	1	N/P										
Caries	0	0	0	N/R	0	N/P										
Abscess	0	0	0	N/R	0	N/P										
Cyst	0	0	0	N/R	0	N/P										
E.Hypoplasia	0	0	0	N/R	0	N/P										
Period. Dis.	0	0	0	N/R	N/R	N/P										
Attrition	1	1	2	N/R	1	N/P										

Dental Disease

Antemortem Tooth Loss

SK 1248 exhibits antemortem tooth loss of a mandibular premolar. Complete secondary resorption of the alveolar process has occurred at the affected tooth site.

SK 1248: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, calculus, dental attrition

SK 1249

Middle Adult

Sex Not Recordable

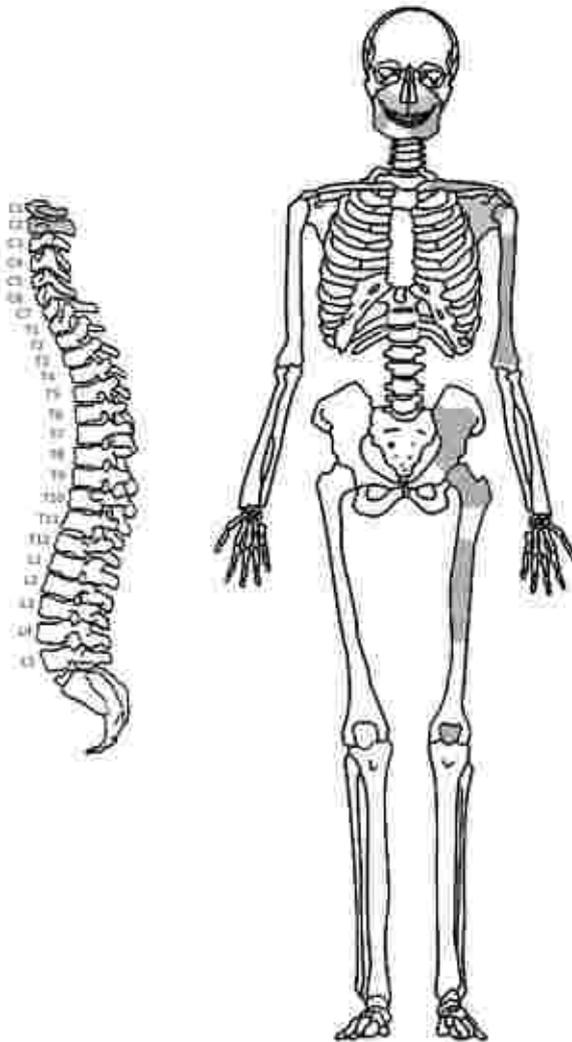
Burial Position and Details:

Plan No: 38I

Area No: 24

Orientation not specified: simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Dentition

Attrition	2	2	3	1	1	3	3	3	3	2	2	1	1	3	2	N/P
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
Calculus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/P
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	N/P	N/P	1	1	1	1	1	1	2
Calculus	0	0	0	0	0	0	0	N/P	N/P	1	1	1	0	0	0	N/R
Caries	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/R
Abscess	0	0	N/R	N/R	0	0	0	N/P	N/P	0	0	0	0	0	0	0
Cyst	0	0	N/R	N/R	0	0	0	N/P	N/P	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/R
Period. Dis.	0	0	N/R	0	0	0	0	N/P	N/P	0	0	0	0	0	0	N/R
Attrition	0	2	3	1	1	2	2	N/P	N/P	2	2	1	1	3	2	N/R

SK 1249: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 1251A

Young Adult

Female

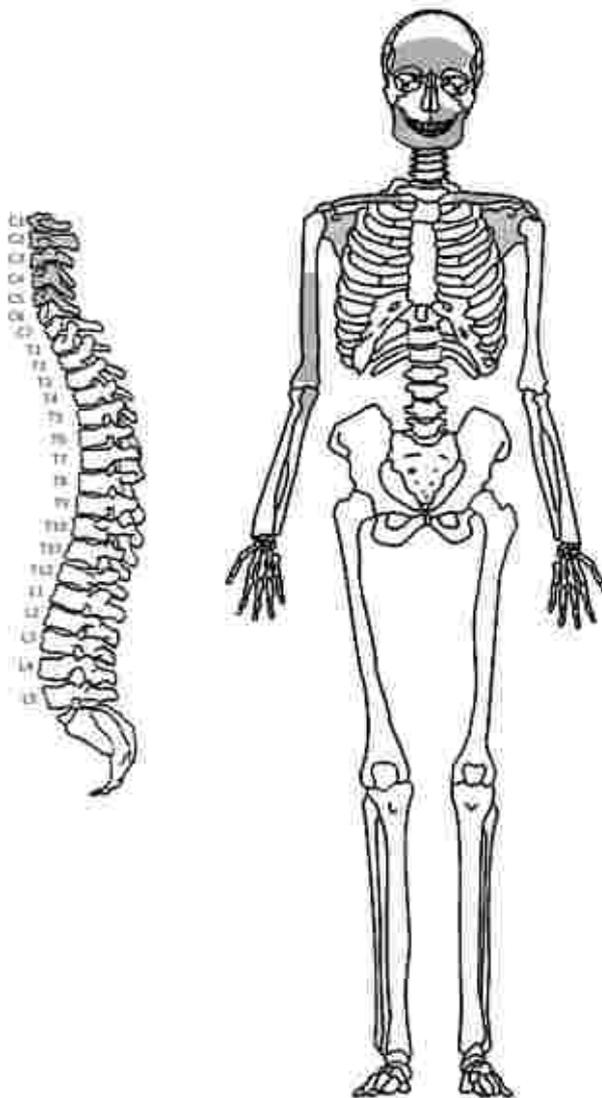
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Dentition

Attrition	0	N/P	1	1	N/P	N/P	1	3	N/R	0	0	1	1	1	N/R	N/R
Period. Dis.	N/R	N/P	N/R	N/R	N/P	N/P	N/R	N/R	N/R	0	0	0	0	0	N/R	N/R
E.Hypoplasia	0	N/P	0	0	N/P	N/P	0	0	N/R	0	0	0	0	0	N/R	0
Cyst	N/R	N/P	N/R	N/R	N/P	N/P	N/R	N/R	N/R	0	0	0	0	0	N/R	N/R
Abscess	N/R	N/P	N/R	N/R	N/P	N/P	N/R	N/R	N/R	0	0	0	0	0	N/R	N/R
Caries	0	N/P	0	0	N/P	N/P	0	0	N/R	0	0	0	0	0	N/R	0
Calculus	3	N/P	2	0	N/P	N/P	0	0	N/R	0	1	1	1	1	N/R	2
	1	N/P	1	1	N/P	N/P	1	1	2	1	1	1	1	1	2	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	2	1	1	1	2	1	2	1	1	1	1	1	1	1	4
Calculus	2	N/R	1	0	0	N/R	1	N/R	1	1	2	1	1	2	1	N/R
Caries	0	N/R	0	0	0	N/R	0	N/R	0	0	0	0	0	0	0	N/R
Abscess	0	N/R	0	0	0	0	0	0	0							
Cyst	0	N/R	0	0	0	0	0	0	0							
E.Hypoplasia	0	N/R	0	0	0	N/R	0	N/R	0	0	0	0	0	0	N/R	N/R
Period. Dis.	0	N/R	0	0	0	0	0	0	1	N/R						
Attrition	1	N/R	1	1	0	N/R	1	N/R	1	1	1	1	1	2	2	N/R

Dental Disease

Antemortem Tooth Loss

SK 1251A exhibits antemortem tooth loss of a mandibular 3rd molar. Partial secondary resorption of the alveolar process has occurred at the affected tooth site.

SK 1251A: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition

SK 1251B

Adult

Sex Not Recordable

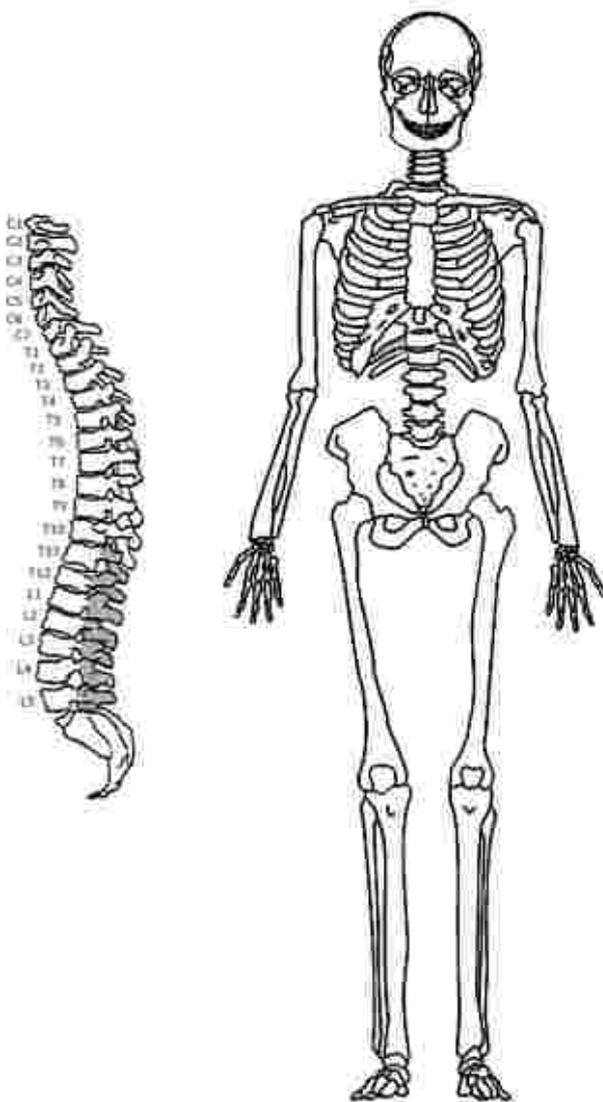
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Vertebral

Supernumerary vertebra

L6 is present.

SK 1251B: Palaeopathological Summary and Differential Diagnoses

Vertebral Supernumerary vertebra

SK 1252

Young Adult

Sex Not Recordable

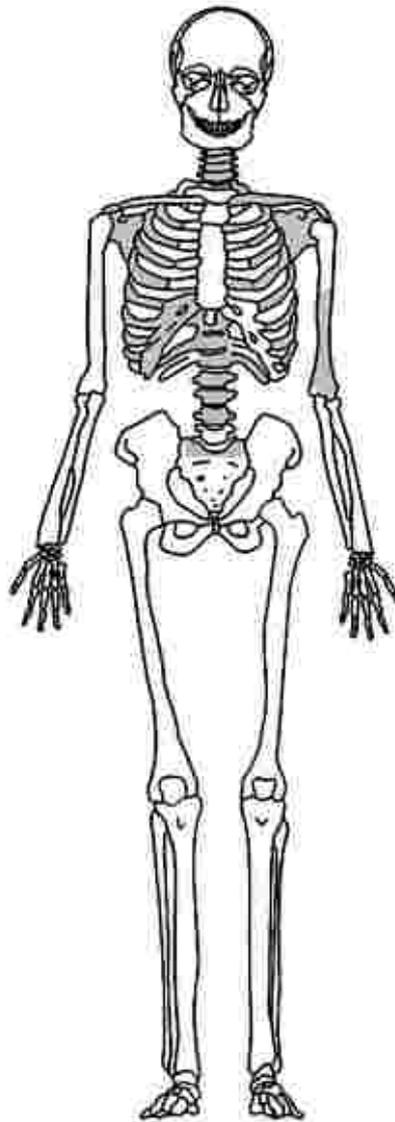
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <75-100%

Average preservation: Grade 3

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans												
C3	3 unnumbered cervical vertebrae present No pathological changes present																							
C4																								
C5																								
C6																								
T1																								
T2																								
T3																								
T4																								
T5													5 unnumbered thoracic vertebrae present No pathological changes present											
T6																								
T7																								
T8																								
T9																								
T10	0	0	0	0	0		0	0	0															
T11	0	0	0	0	0		0	0	0															
T12	0	0	0	0	0		0	0	0															
L1	0	N/R	0	0			0	N/R																
L2	N/R	N/R	0	N/R			0	N/R																
L3	0	0	0	0			0	0																
L4	5	0	0	0			0	0																

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L4.

SK 1252: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node

SK 1253

Adult

Sex Not Recordable

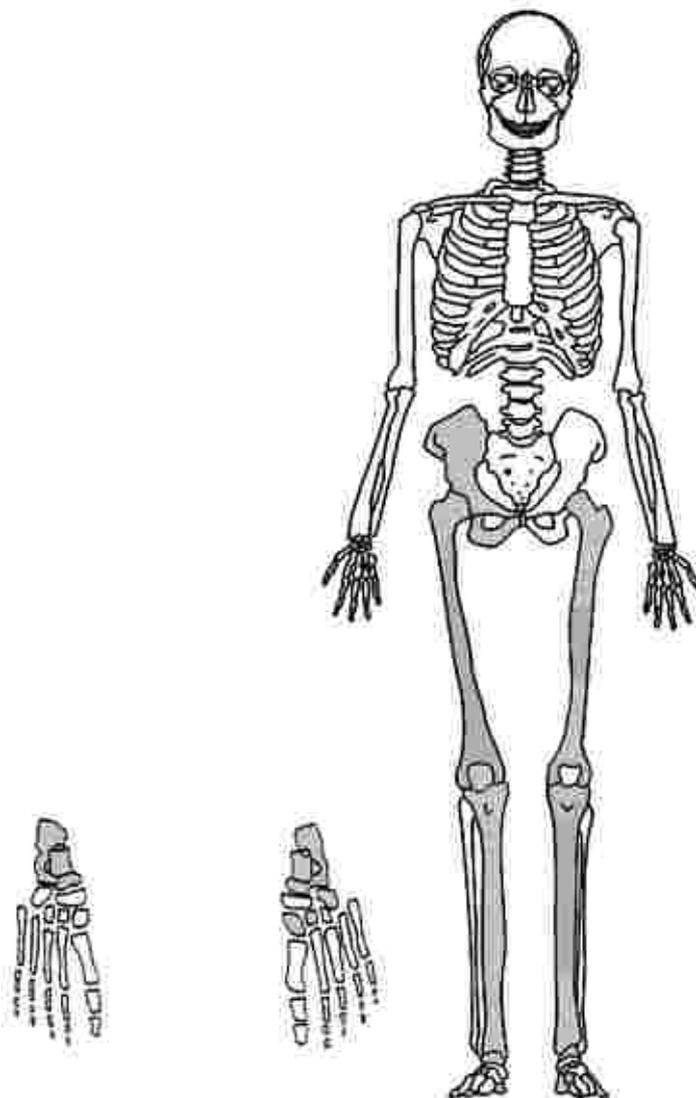
Burial Position and Details:

Plan No: 49D

Area No: 28

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

SK 1253: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1254

Middle Adult

Female: 142.6cm

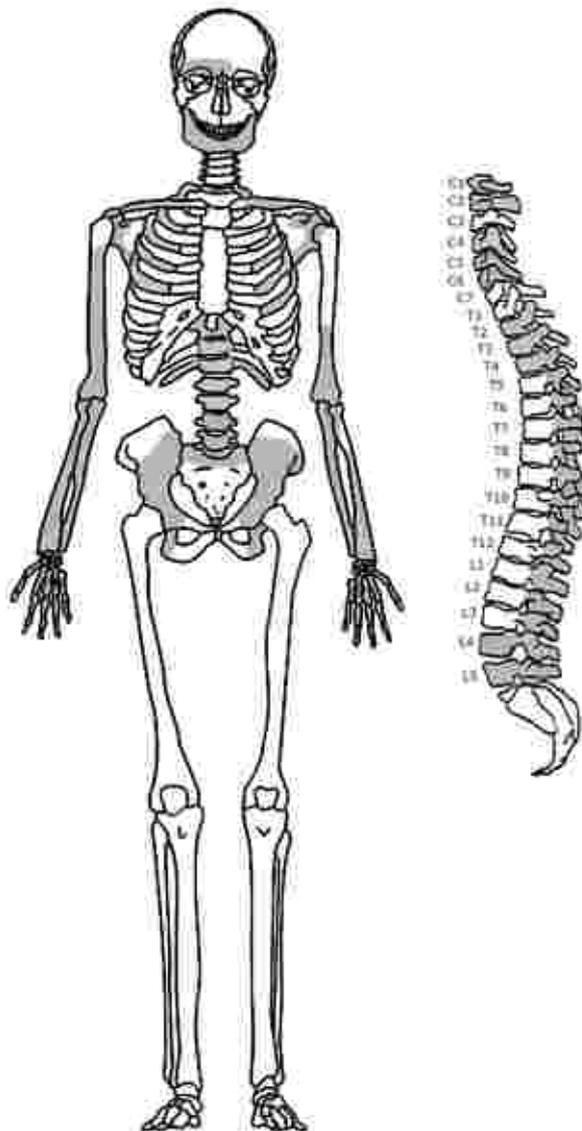
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	N/P	N/R	N/P	0	2	2	N/P								
Period. Dis.	N/P															
E.Hypoplasia	N/P	N/P	N/R	N/P	0	0	0	N/P								
Cyst	N/P															
Abscess	N/P															
Caries	N/P	N/P	N/R	N/P	0	0	0	N/P								
Calculus	N/P	N/P	N/R	N/P	1	1	1	N/P								
	N/P	N/P	5	N/P	1	1	1	N/P								
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	2	4	1	4	4	4	4	4	4	4	4	4	4	4	4
Calculus	0	N/P	0	0	N/P											
Caries	0	N/P	0	0	N/P											
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	N/P	0	0	N/P											
Period. Dis.	1	3	0	0	3	3	3	3	3	3	3	3	3	3	3	3
Attrition	2	N/P	2	2	N/P											

Dental Disease

Antemortem Tooth Loss

SK 1254 exhibits extensive periodontal disease and antemortem tooth loss. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites with the exception of Tooth 47 and 48 where there is only partial resorption of the tooth sockets.

Cranial Pathology

Metabolic

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Degree 4 (porosity and coalescing of foramina with increased thickening of the diploë) PH is exhibited adjacent to the sutures of the parietals and within the squamous portion of the occipital bone. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		3	N/R	N/R				0	0			
C2	0	0	0	N/R				0	0			
C3	N/R	N/R	N/R	N/R				N/R	N/R			
C4	N/R	0	N/R	N/R				N/R	N/R			
C5	N/R	N/R	N/R	N/R				0	0			
C6	N/R	N/R	0	0				0	0			
T1												
T2												
T3												
T4												
T5												
T6	Macroporosity is affecting 3 right inferior facets, and one left inferior facet. On the same three vertebrae it is affecting 2 right superior facets and 2 left superior facets. All other facets on the unnumbered vertebrae show no evidence of pathological lesions.											
T7												
T8												
T9												
T10												
T11												
T12	N/R	N/R	0	4	N/R			0	0	N/R		
L1	N/R	N/R	0	N/R				0	N/R			
L2	N/R	N/R	0	0				0	0			
L3	5	0	0	N/R				0	0			
L4	N/R	N/R	0	0				N/R	N/R			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of L3.

Joint

SK 1254 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Marginal osteophytes, surface osteophytes	Left MC1, 1 st proximal phalanx and 1 st distal phalanx Right MC1 and MC2

SK 1254: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Schmorl's node
<i>Joint</i>	DJD
<i>Metabolic</i>	Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis

SK 1255

Adult

Male: 166.1cm

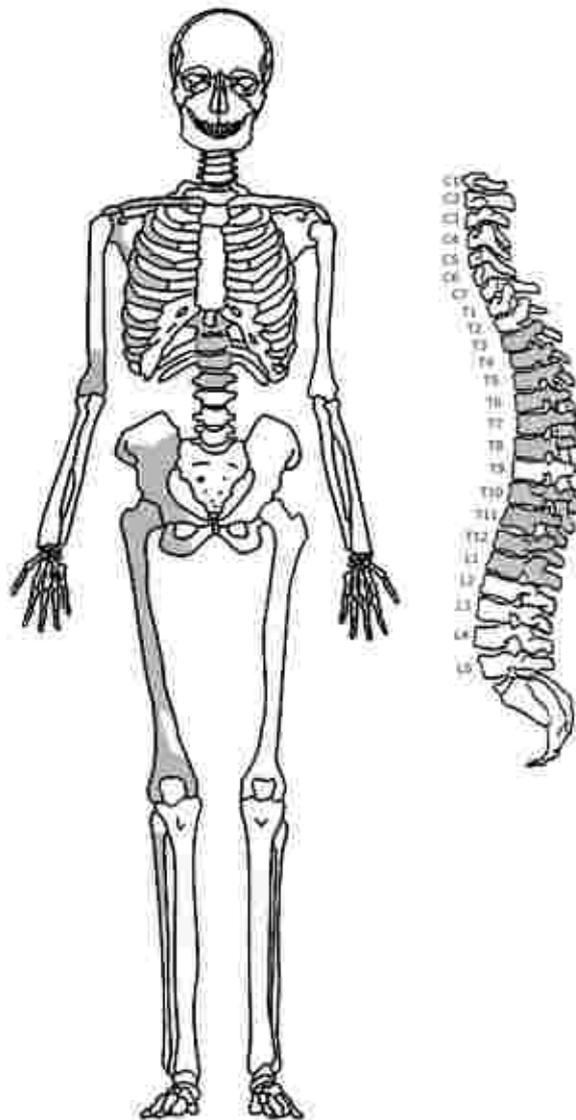
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%
 Approximate Fragmentation: 75-100%
 Average preservation: Grade 1

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1255 exhibits a periosteal reactive bone lesion at the right femur. A reactive bone deposit composed of both woven and sclerotic bone is present at the medial-posterior aspect of the distal femoral shaft. Partial sclerosis of this lesion indicates a degree of healing took place before the time of death.

Joint

SK 1255 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hand</i>	Marginal osteophytes	Left and Right 1 st intermediate and distal hand phalanges
<i>Hip</i>	Marginal Osteophytes	Right Acetabulum and Femoral Head

SK 1255: Palaeopathological Summary and Differential Diagnoses

Joint DJD
Infection Non-specific: reactive bone deposits

SK 1256

Young Adult

Male: 154.9cm

Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 50-75%

Average preservation: Grade 2

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
T11	N/R	5	N/R	N/R	N/R			N/R	N/R	0		
T12	0	0	0	0	0			0	0	0		
I 1	0	0	0	0				0	0			
I 2	3	0	0	0				0	0			
I 3	0	0	0	0				0	0			
L4	0	0	0	N/R				0	0			
L5	0	0	0	0				0	0			

Schmorl's Nodes

A Schmorl's node of moderate expression is present at the vertebral body of T11.

Trauma

Spondylolysis

Unilateral spondylolysis is exhibited at the right pars interarticularis of L5.

SK 1256: Palaeopathological Summary and Differential Diagnoses

Vertebral Schmorl's node
Trauma Spondylolysis
Joint Osteoarthritis

SK 1260A

Adult

Indeterminate Sex

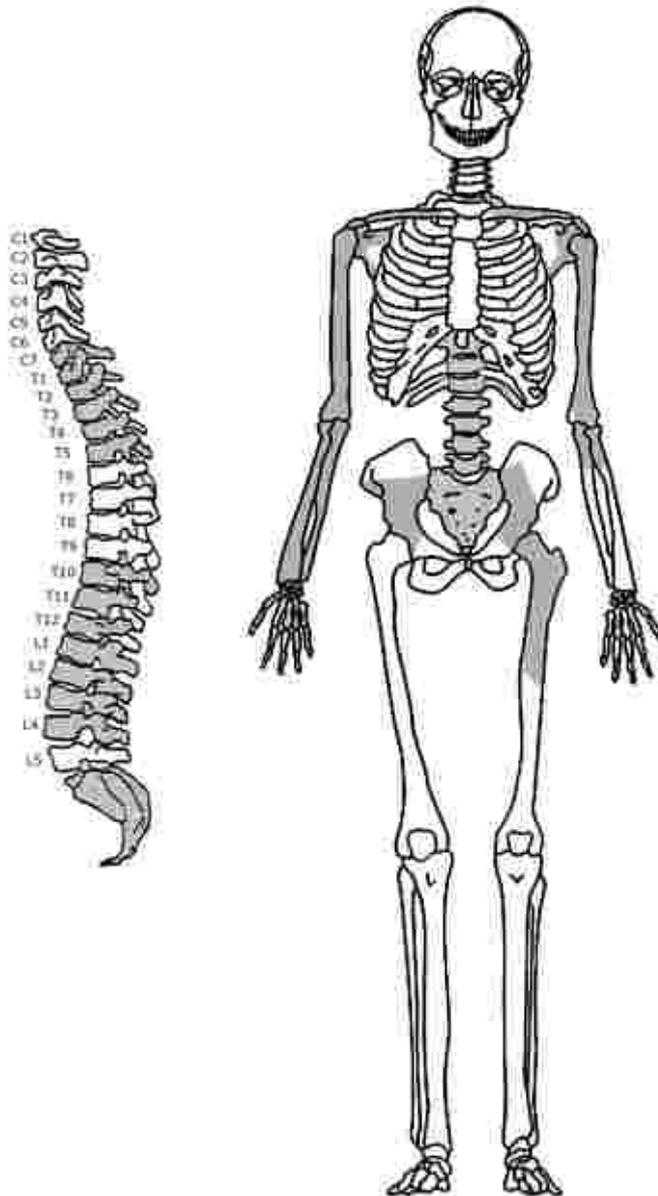
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1260A: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1260B

Adult

Sex Not Recordable

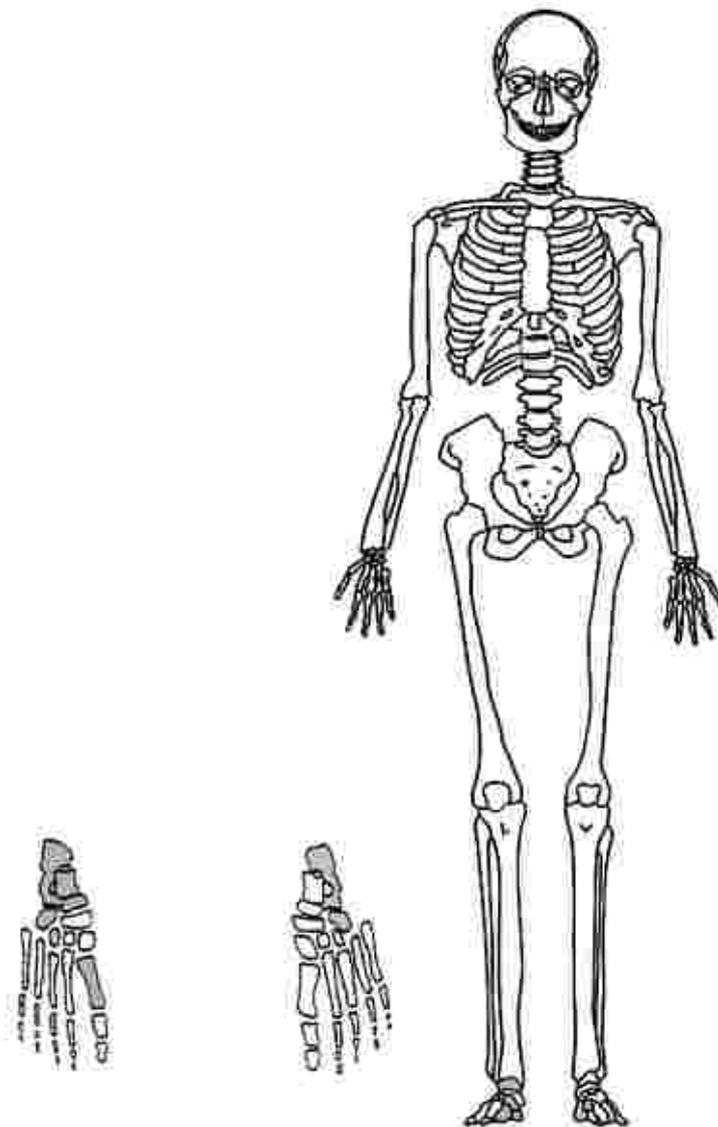
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 50-75%

Average preservation: Grade 1

SK 1260B: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1261

Old Adult

Probable Male

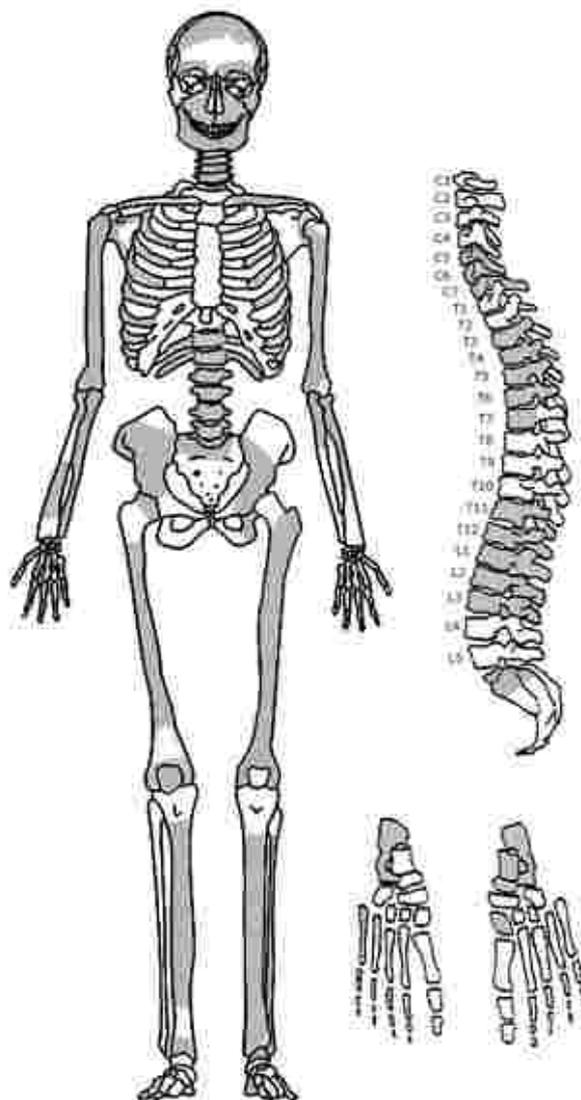
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

Joint

SK1261 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity, periarticular resorptive foci	Left Clavicle
<i>Glenohumeral</i>	Marginal osteophytes	Right Glenoid Fossa
<i>Ribs</i>	Surface porosity	2x Right Costal Facets

SK 1261: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Dental abscess, periodontal disease, calculus, dental attrition
<i>Vertebral</i>	Intervertebral osteochondrosis
<i>Joint</i>	DJD

SK 1262

Young Adult

Male: 169.9cm

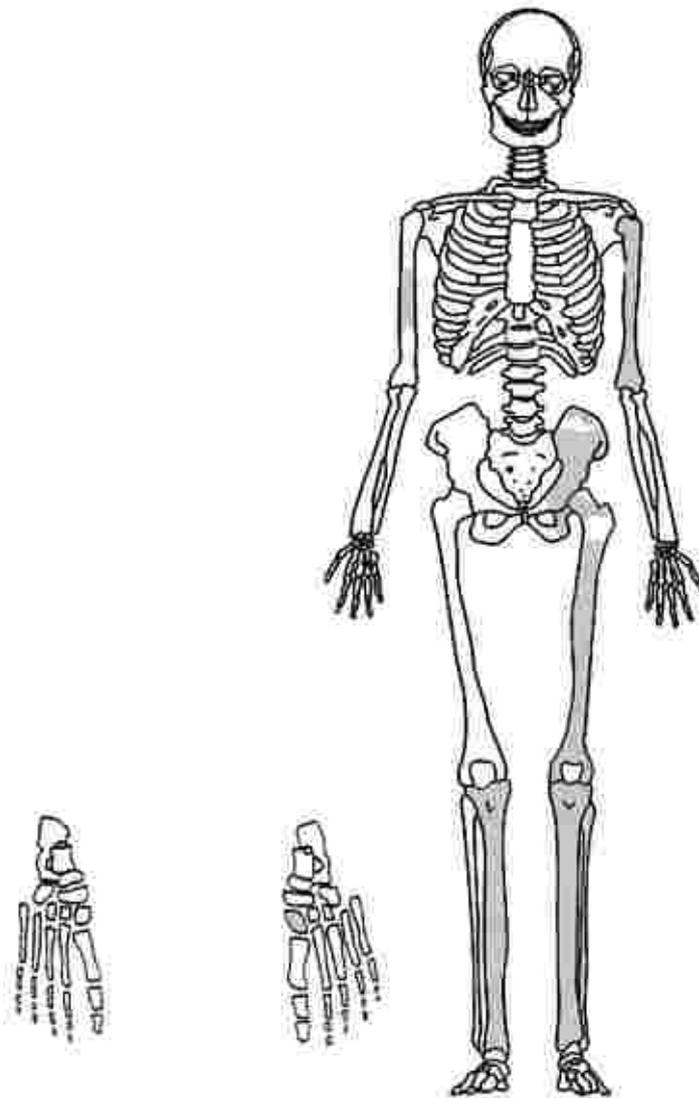
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1262: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1263

Adult

Sex Not Recordable

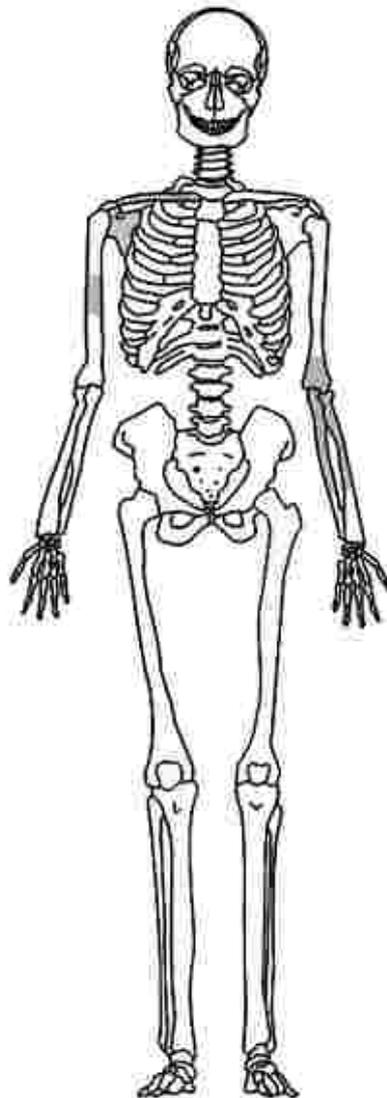
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 1263: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1264

Young Adult

Female: 161.4cm

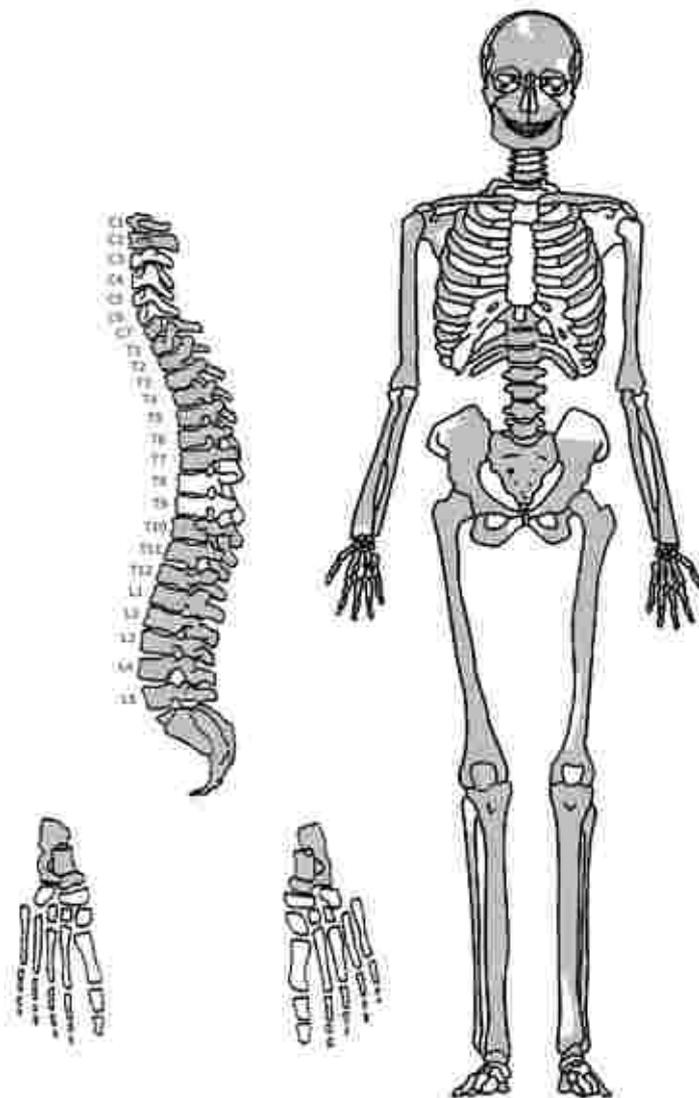
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 75-100%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	1	2	2	1	1	2	2	2	2	2	2	2	1	1	2	2	2
Period. Dis.	1	N/R	N/R	N/R	0	0	0	0	N/P	N/P	N/P	0	0	1	1	1	
E.Hypoplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	N/R	N/R	N/R	0	0	0	N/R	N/P	N/P	N/P	0	0	0	0	0	0
Abscess	0	N/R	N/R	N/R	0	0	0	N/R	N/P	N/P	N/P	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculus	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	0	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	
	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1
Calculus	1	0	1	1	1	2	0	N/P	N/P	0	0	N/P	1	0	0	0	0
Caries	0	0	0	0	0	0	0	N/P	N/P	0	0	N/P	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	0	0	N/P	N/P	0	0	N/P	0	0	0	0	0
Period. Dis.	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	
Attrition	1	2	2	1	1	2	2	N/P	N/P	2	2	N/P	1	2	2	2	

SK 1264: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, dental attrition

SK 1265

Young Adult

Male

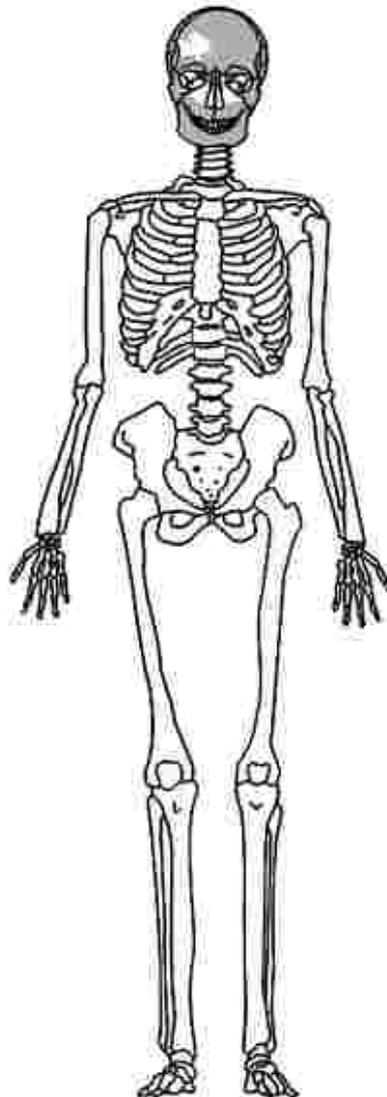
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/P	2	2	1	1	1	2	N/P	2	2	1	1	1	2	2	N/P	
Period. Dis.	N/P	0	0	N/R	N/R	N/R	0	N/R	0	0	0	0	0	0	0	N/P	
E.Hypoplasia	N/P	0	0	0	0	1	0	N/P	0	0	1	0	0	0	0	N/P	
Cyst	N/P	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	N/P	
Abscess	N/P	0	0	0	0	0	0	N/R	0	0	0	0	0	0	0	N/P	
Caries	N/P	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	N/P	
Calculus	N/P	1	1	1	0	0	0	N/P	0	0	0	0	0	1	1	N/P	
		6	1	1	1	1	1	2	1	1	1	1	1	1	1	6	
Maxilla		18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible		48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
		1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Calculus		1	1	1	1	1	2	2	N/P	2	2	1	1	1	1	1	1
Caries		0	0	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Abscess		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia		0	0	0	0	0	1	0	N/P	0	0	1	0	0	0	0	0
Period. Dis.		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition		1	2	2	1	1	1	1	N/P	1	1	1	1	1	2	2	1

Dental Disease

Enamel Hypoplasia

Tooth 13: 2 hypoplastic grooves present; 3.85mm and 6.10mm from the cemento-enamel junction respectively

Tooth 23: 2 hypoplastic grooves present; 3.78mm and 5.35mm from the cemento-enamel junction respectively

Tooth 33: 2 hypoplastic grooves present; 4.97mm and 6.43mm from the cemento-enamel junction respectively

Tooth 13: 2 hypoplastic grooves present; 4.90mm and 6.77mm from the cemento-enamel junction respectively

Cranial Pathology

Trauma

Perimortem Sharp-force trauma

Two sharp-force weapon wounds are present at the right frontal and right parietal and occipital respectively. The first slicing wound is oval in shape measuring 70.4mm anterior-posterior. The second wound traverses the mid-lambdoid suture extended to the occipital bone. The lesion is linear in shape and has a maximum length of 152mm. There is no observable healing in both cases indicating these wounds were inflicted perimortem. These wounds are likely to have been inflicted by a sharp-edged bladed weapon such as a sword.

SK 1265: Palaeopathological Summary and Differential Diagnoses

Dental Periodontal disease, calculus, enamel hypoplasia, dental attrition
Trauma Perimortem sharp-force cranial trauma

SK 1267

Adult

Probable Male

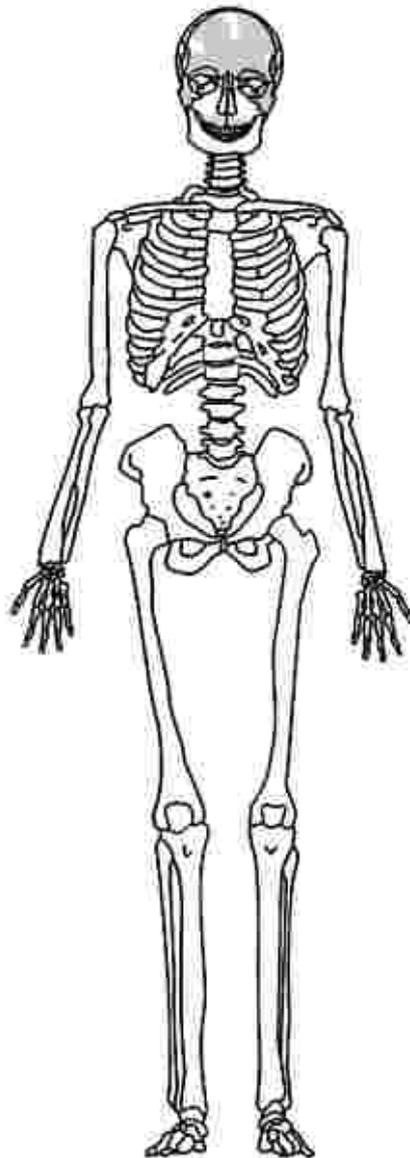
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

Dentition

Attrition	0	1	1	1	1	1	1	1	N/R	1	1	N/R	1	1	1	N/R
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	1	0	0	0	0	0	0	0	N/R	0	0	N/R	0	0	0	N/R
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	0	0	0	0	0	0	0	N/R	0	0	N/R	0	0	0	N/R
Calculus	2	1	3	1	1	1	1	1	N/R	1	1	N/R	1	1	1	N/R
	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/R															
Calculus	N/R															
Caries	N/R															
Abscess	N/R															
Cyst	N/R															
E.Hypoplasia	N/R															
Period. Dis.	N/R															
Attrition	N/R															

Dental Disease

Enamel Hypoplasia

Tooth 18: 1 hypoplastic groove present; 3.25mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Non-specific Indicator

Barely discernible porosity with increased thickening of the diploë is exhibited at the frontal bone. The activity pattern is mixed but appears to be healing at the time of death.

SK 1267: Palaeopathological Summary and Differential Diagnoses

Dental Enamel hypoplasia, calculus, dental attrition
Metabolic Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis

SK 1269

Adult

Male

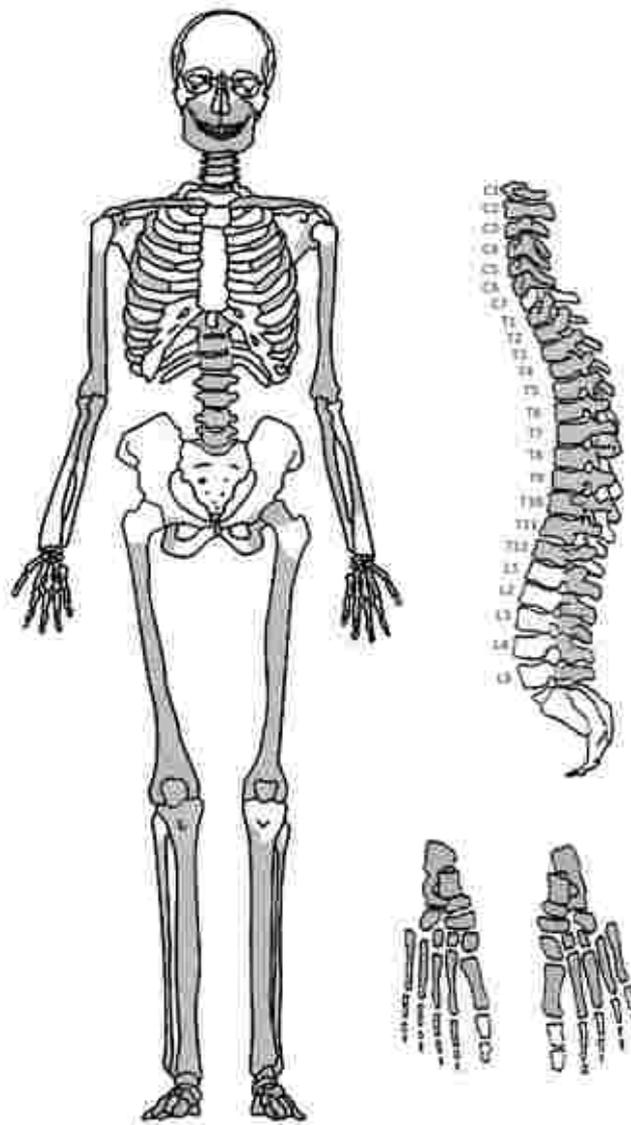
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Dentition

Attrition	N/P	N/P	N/P	2	2	2	2	N/P	N/P	1	1	2	2	N/R	N/P	2
Period. Dis.	N/P	N/P	N/R	1	1	1	1	N/R	N/R	1	1	1	1	3	N/R	2
E.Hypoplasia	N/P	N/P	N/P	0	0	0	0	N/P	N/P	0	0	0	0	N/R	N/P	0
Cyst	N/P	N/P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	N/P	N/P	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	N/P	N/P	N/P	0	0	0	0	N/P	N/P	0	0	0	0	N/R	N/P	0
Calculus	N/P	N/P	N/P	1	1	1	1	N/P	N/P	1	1	1	1	N/R	N/P	1
	N/P	N/P	4	1	1	1	1	2	2	1	1	1	1	5	2	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1
Calculus	2	2	2	N/P	N/P	N/P	N/P	N/P	2	1	1	1	2	2	2	1
Caries	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0
Period. Dis.	1	2	3	N/R	1	2	2	2								
Attrition	2	2	2	N/P	N/P	N/P	N/P	N/P	2	2	1	1	1	2	1	2

Dental Disease

Antemortem Tooth Loss

SK 1269 exhibits antemortem tooth loss secondary to an abscess of 2 maxillary molars. Partial secondary resorption of the alveolar process has occurred at the affected tooth sites.

Abscess/ Cyst

Tooth 16: Abscess present at apex of tooth root resulting in antemortem tooth loss of Tooth 16.

Post Cranial Pathology

Joint

SK 1269 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Sternoclavicular</i>	Surface porosity	Left Clavicle
<i>Ribs</i>	Marginal osteophytes	1x Left Costal Facet 1x Right Costal Facet

SK 1269: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, oro-antra fistula, periodontal disease, calculus, dental attrition
Joint DJD

SK 1270

Young Adult

Male

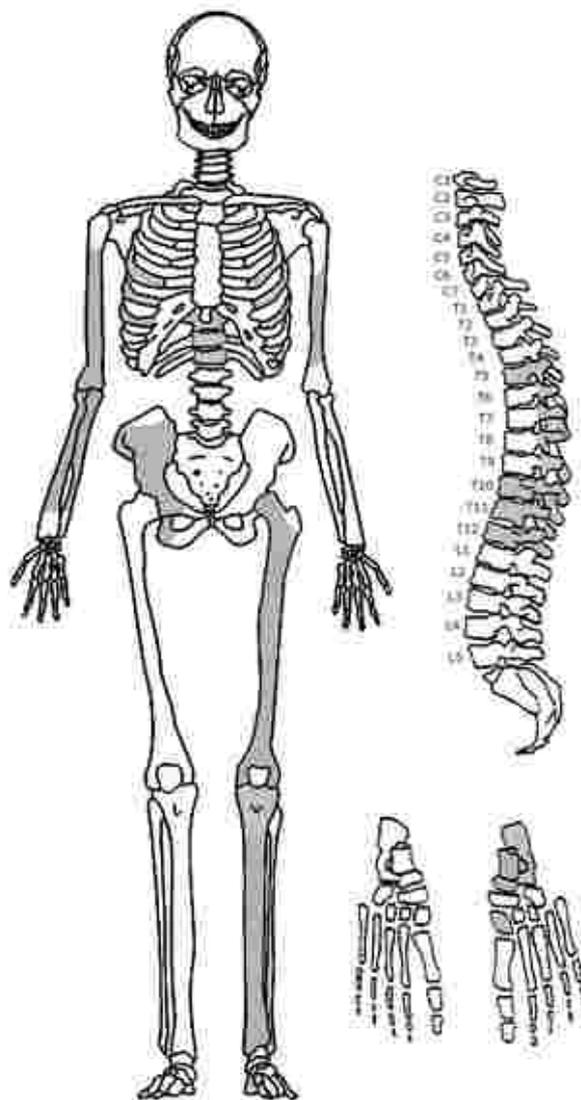
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

SK 1270: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1271B

Adult

Probable Female

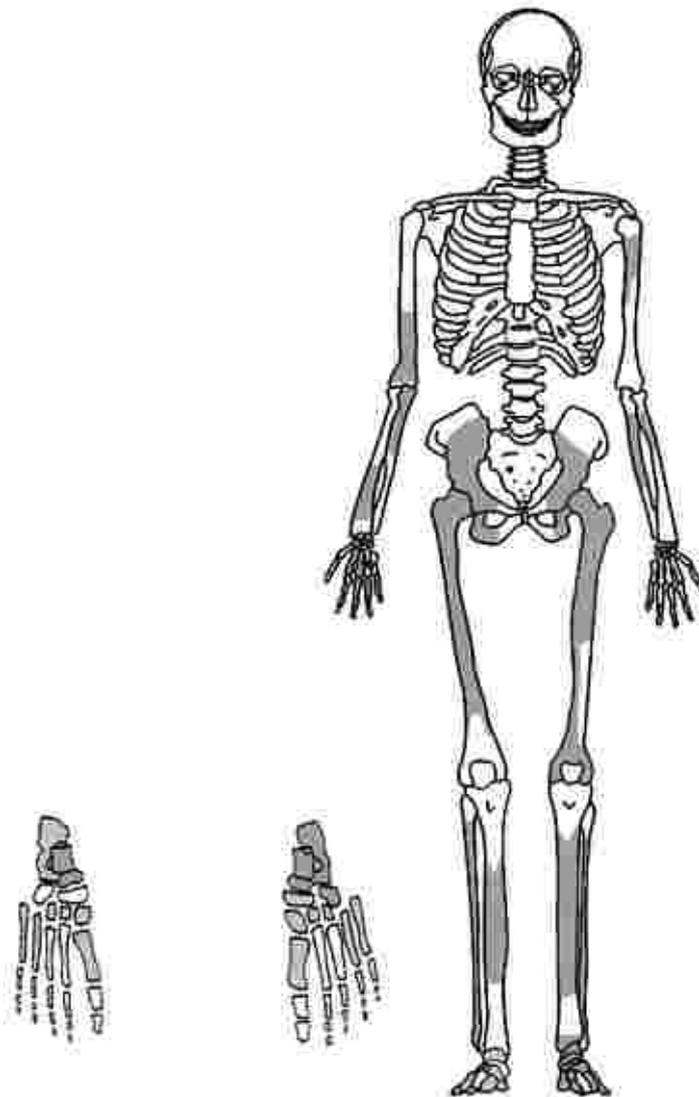
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 50-75%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1271A exhibits a periosteal reactive bone lesion at the right fibula. A reactive woven bone deposit is present at the medial aspect of the distal fibular shaft. This lesion appears to have been active at the time of death.

SK 1271B: Palaeopathological Summary and Differential Diagnoses

Infection Non-specific: reactive bone deposits

SK 1272

Adult

Sex Not Recordable

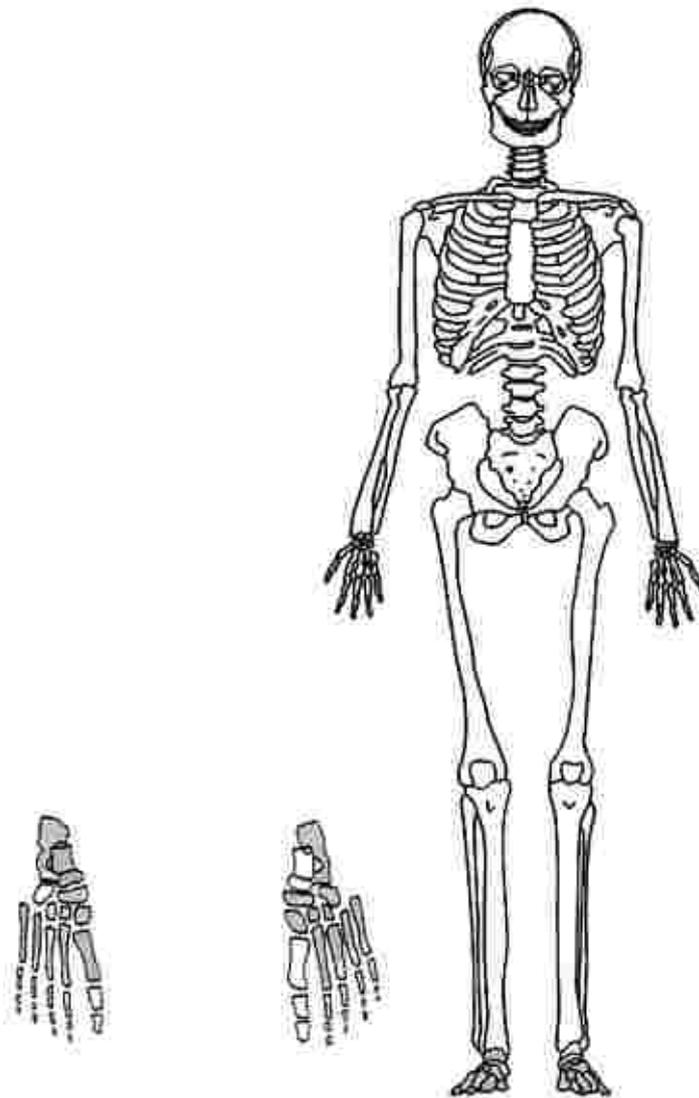
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 1272: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 1273

Adult

Male

Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	1	N/P	N/P	2	3	3	3	3	3	3	3	3	N/P	N/P	2	N/P
Period. Dis.	0	2	2	0	0	0	0	0	0	0	0	0	2	0	0	0
E.Hypoplasia	0	N/P	N/P	0	0	0	0	0	0	0	0	0	N/P	N/P	0	N/P
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caries	0	N/P	N/P	0	0	0	0	0	0	0	0	0	N/P	N/P	0	N/P
Calculus	1	N/P	N/P	0	0	0	0	0	0	0	0	0	N/P	N/P	1	N/P
	1	4	4	1	1	1	1	1	1	1	1	1	4	2	1	2
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	3	1	3	3	3	3	3	N/P	N/P	1	1	3	1	1	1
Calculus	1	N/R	1	N/R	N/R	N/R	N/R	N/R	N/P	N/P	1	1	N/R	1	1	1
Caries	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/P	N/P	0	0	N/R	0	0	0
Abscess	0	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	N/P	N/P	0	0	0	0	0	0
E.Hypoplasia	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/P	N/P	0	0	N/R	0	0	0
Period. Dis.	0	N/R	0	N/R	N/R	N/R	N/R	N/R	N/P	N/P	N/R	0	N/R	0	0	0
Attrition	1	N/R	3	N/R	N/R	N/R	N/R	N/R	N/P	N/P	2	2	N/R	3	3	1

Dental Disease

Antemortem Tooth Loss

SK 1273 exhibits antemortem tooth loss of 2 maxillary molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 0

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1	3	3	0	N/R				0	N/R			
C2	0	N/R	0	0				0	0			
C7	3	3, 4	N/R	N/R				0	N/R			
T1	No pathological lesions are evident on the superior surface of the unnumbered thoracic body; moderate schmorl's node evident on the inferior surface. The two neural arches have no pathological lesions are evident.											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												
T10												
T11												
T12												

SK 1273: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition
Vertebral Intervertebral osteochondrosis

SK 1275

Young Adult

Male: 160.8cm

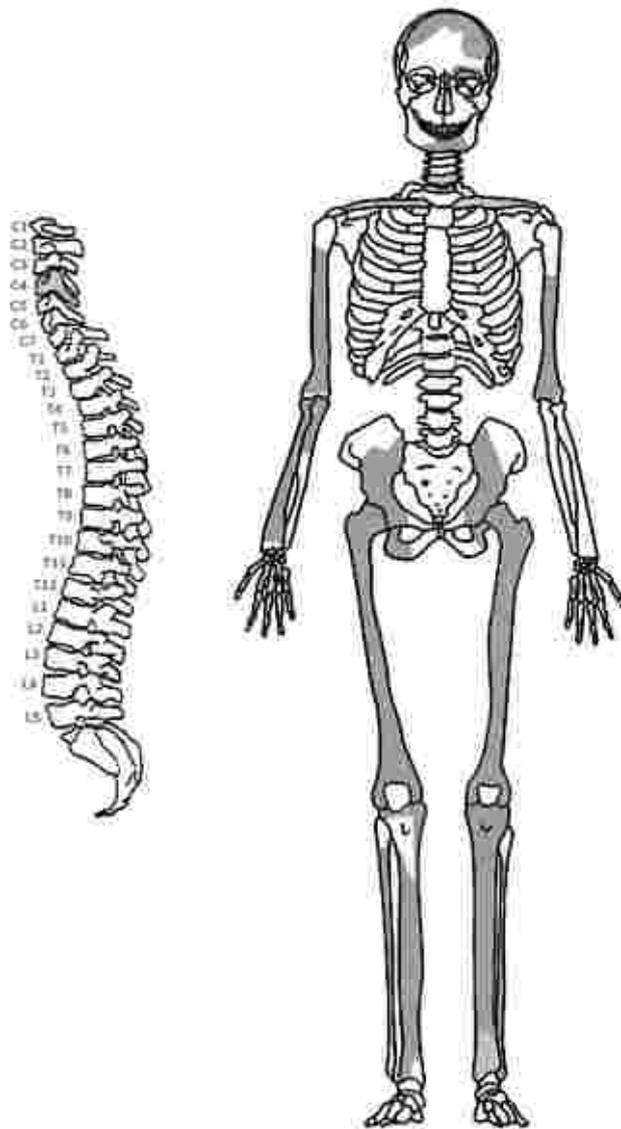
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

Dentition

Attrition	N/P	1	1	N/P												
Period. Dis.	N/P															
E.Hypoplasia	N/P	0	0	N/P												
Cyst	N/P															
Abscess	N/P															
Caries	N/P	0	0	N/P												
Calculus	N/P	1	1	N/P												
	N/P	1	1	N/P												
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	N/P	N/P	N/P	N/P	N/P	2	2	2	2	2	1	1	1	N/P	N/P
Calculus	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/R	1	1	1	N/P	N/P
Caries	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/R	0	0	0	N/P	N/P
Abscess	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	N/P	N/P
Cyst	N/P	N/P	N/P	N/P	N/P	N/P	0	0	0	0	0	0	0	0	N/P	N/P
E.Hypoplasia	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/R	0	0	0	N/P	N/P
Period. Dis.	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/R	0	0	0	N/P	N/P
Attrition	N/P	N/P	N/P	N/P	N/P	N/P	N/R	N/R	N/R	N/R	N/R	1	1	1	N/P	N/P

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 1275 exhibits a periosteal reactive bone lesion at the right fibula. A reactive woven bone deposit is present at the anterior aspect of the distal fibular shaft. This lesion appears to have been active at the time of death.

SK 1275: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition
Infection Non-specific: reactive bone deposits

SK 1276

Middle Adult

Male: 165.7cm

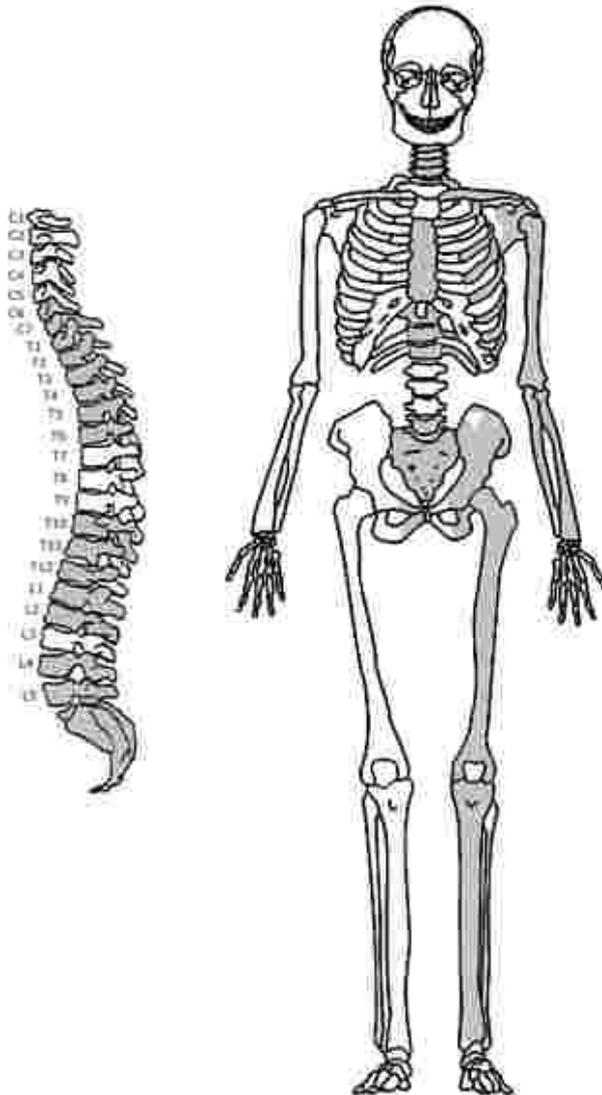
Burial Position and Details:

Plan No: Not specified

Area No: Not specified

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 25-50%

Average preservation: Grade 1

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C5	3 + 4	3 + 4	0	0				3	0			
C6	3	3 + 4	0	3				3	2 + 3			
C7	0	0	0	0				2 + 3	0			
T1	0	0	0	0	N/R	N/R	N/R	0	0	3 + 4	N/R	N/R
T2	0	0	0	0	N/R	N/R	N/R	0	0	0	N/R	0
T3	0	3	0	2, 3 + 4	N/R	N/R	N/R	0	0	0	N/R	N/R
T4	0	0	2, 3 + 4	2, 3 + 4	N/R	N/R	N/R	0	0	0	N/R	N/R
T5	3	3	2, 3 + 4	0	N/R	N/R	N/R	0	0	0	0	N/R
T9	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	2, 3 + 4	N/R	N/R	N/R
T10	N/R	N/R	N/R	3 + 4	N/R			2, 3 + 4	3 + 4	N/R		
T11	N/R	N/R	3	3 + 4	N/P			3 + 4	3 + 4	N/R		
T12	N/R	N/R	N/R	0	N/R			0	0	3 + 4		
I 1	N/R	N/R	0	0				0	0			
L3	N/R	N/R	N/R	N/R				N/R	3			
L4	N/R	N/R	3	3				N/R	N/R			
L5	N/R	N/R	3	3				3	3			

Osteoarthritis

Lesions indicative of degenerative joint disease and osteoarthritis are exhibited at the right superior apophyseal vertebral facets of T4 and T5, the right inferior apophyseal facets of T3 and T4, the left superior apophyseal facets of C7 and T10 and the left inferior apophyseal facets of C6 and T9 in the form of eburnation, surface porosity and marginal osteophyte formation.

*Infection**Reactive Bone Formation*

SK 1276 exhibits a periosteal reactive bone lesion at an unsided rib fragment. A reactive woven bone deposit is present at the visceral surface of the affected rib body. The lesion appears to have been active at the time of death.

Joint

SK1276 exhibits pathological lesions indicative of osteoarthritis and degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Acromioclavicular</i>	Surface porosity, marginal osteophytes	Left Acromion process
<i>Sternoclavicular</i>	Surface porosity, marginal osteophytes	Left Clavicle
<i>Glenohumeral</i>	Surface porosity, marginal osteophytes	Left Humeral Head and Glenoid fossa
<i>Ribs</i>	Marginal osteophytes , surface osteophytes	4x Left Costal Facets
	Eburnation	Left 12 th Rib head
<i>Wrist</i>	Marginal osteophytes	Left distal radius
<i>Hip</i>	Periarticular resorptive foci, surface porosity, surface osteophytes, marginal osteophytes	Left Acetabulum and femoral head

SK 1276: Palaeopathological Summary and Differential Diagnoses

<i>Vertebral</i>	Intervertebral osteochondrosis, Osteoarthritis, DJD
<i>Joint</i>	Osteoarthritis, DJD
<i>Infection</i>	Non-specific: reactive bone deposits

SK 5001

Adult

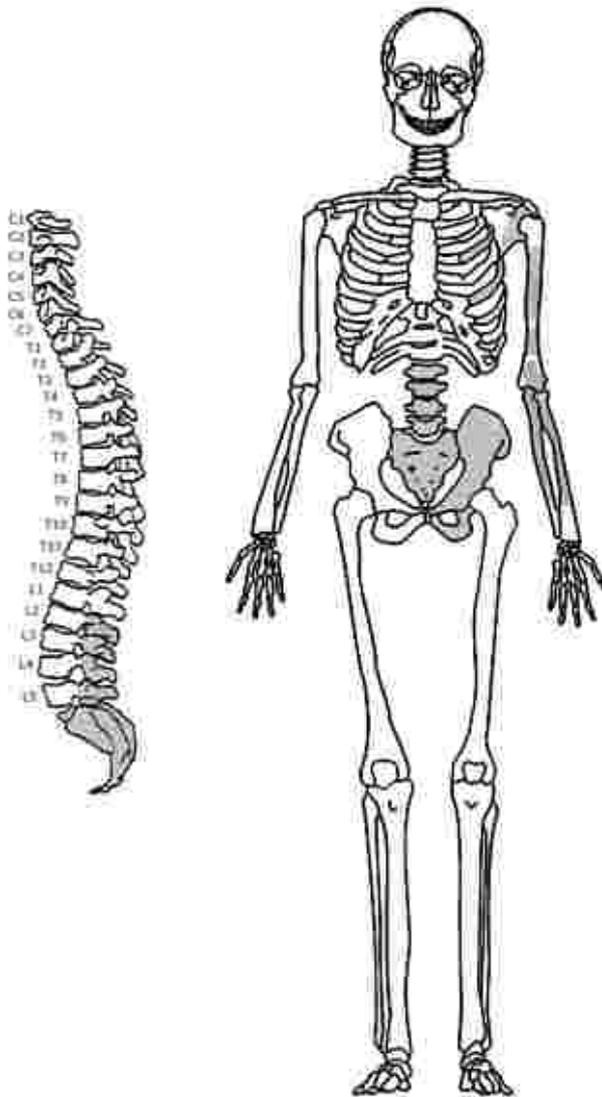
Sex Not Recordable

Burial Position and Details:

Service Trench No: 1

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm was slightly flexed at the elbow crossing the pelvis.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 5001: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 5002

Adult

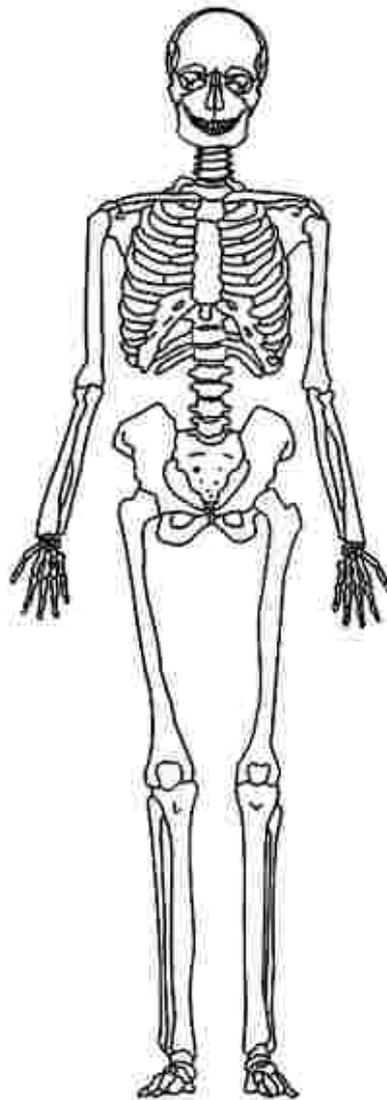
Sex Not Recordable

Burial Position and Details:

Service Trench No: 1

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

SK 5002: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 5003

Young Adult

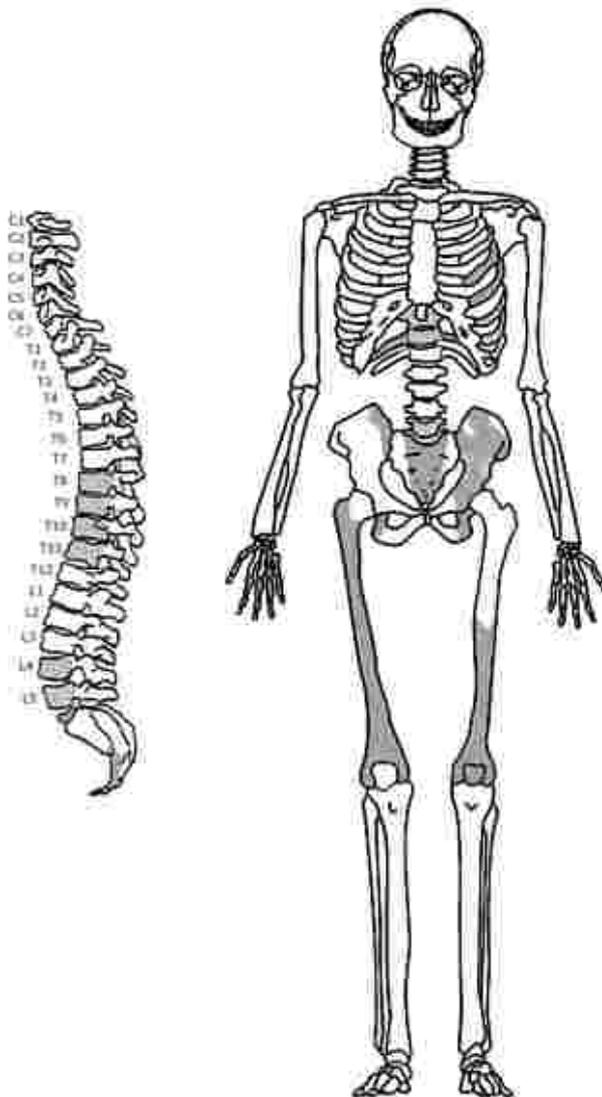
Female

Burial Position and Details:

Service Trench No: 1

N-S orientation; simple, extended supine burial of poor completeness and good preservation.
Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 5003: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 5008

Adult

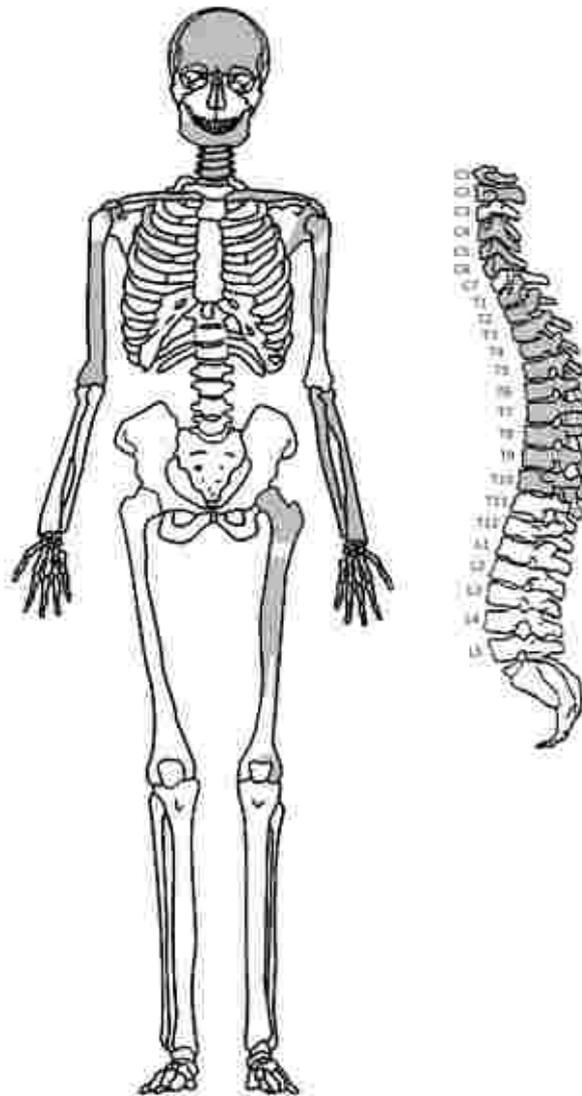
Female

Burial Position and Details:

Service Trench No: 2

W-E orientation; simple, extended supine burial of poor completeness and good preservation. The left arm was flexed at the elbow crossing the torso. The left leg was extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 0

Dentition

Attrition	N/R															
Period. Dis.	N/R															
E.Hypoplasia	N/R															
Cyst	N/R															
Abscess	N/R															
Caries	N/R															
Calculus	N/R															
	N/R															
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	1	1	1	1	1	2	1	1	1	1	1	1	1	1
Calculus	N/P	N/P	2	2	2	1	2	N/P	2	2	2	2	2	2	2	2
Caries	N/P	N/P	0	0	0	0	0	N/P	0	0	0	0	0	0	1	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/P	N/P	0	0	0	0	0	N/P	0	0	0	0	0	0	0	0
Period. Dis.	3	3	2	N/R	0	N/R	2	2	2	2						
Attrition	N/P	N/P	3	1	1	1	1	N/P	1	1	1	1	2	2	2	2

Dental Disease

Antemortem Tooth Loss

SK 5008 exhibits antemortem tooth loss of 2 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites.

Caries

Tooth 37: Small carious lesion present at the distal aspect of the neck of the tooth.

Post Cranial Pathology

Vertebral

Average Spinal Joint Disease Grade: 1

	Sup. Body	Inf. Body	R. Sup. Facet	R. Inf. Facet	R. Sup. Costal	R. Inf. Costal	R. Trans	L. Sup. Facet	L. Inf. Facet	L. Sup. Costal	L. Inf. Costal	L. Trans
C1		0	N/R	N/R				0	0			
C2	0	0	0	0				0	0			
C4	0	3, 4	0	0				N/R	N/R			
C5	3, 4	3,4	N/R	N/R				0	0			
C6	3,4	0	N/R	N/R				N/R	N/R			
T1	8 thoracic centra present; porosity and/or surface osteophytes exhibited on 2 superior bodies and 3 inferior bodies											
T2												
T3												
T4												
T5												
T6												
T7												
T8												
T9												

SK 5008: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition
Vertebral DJD

SK 5009

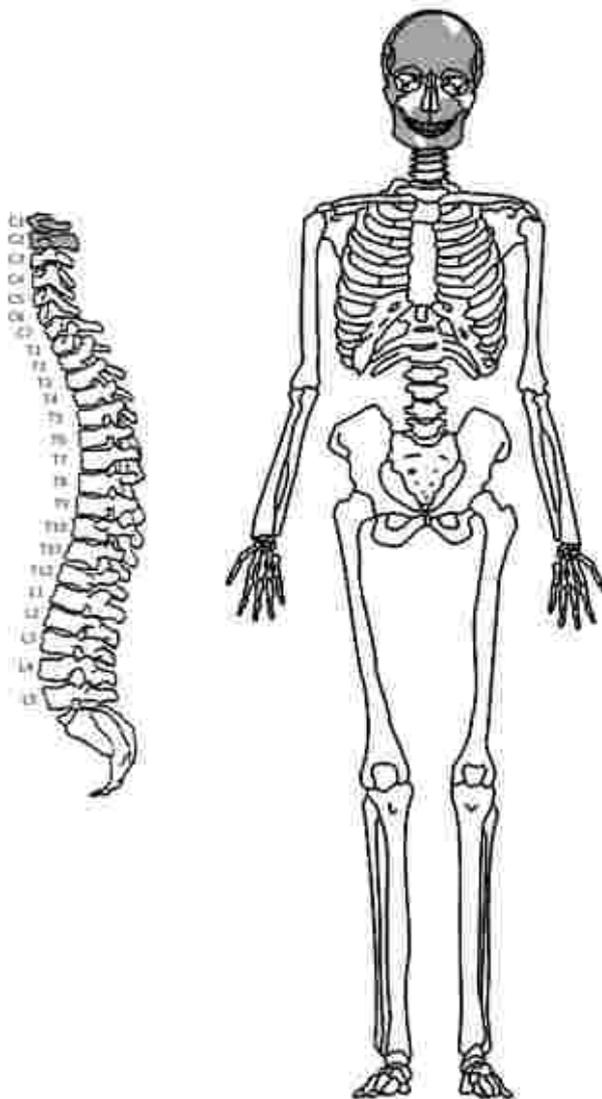
Young Adult Female

Burial Position and Details:

Service Trench No: 2

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	0	0	1	0	0	1	0	N/R	N/R	0	0	0	0	0	0	0	
Period. Dis.	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	
E.Hypoplasia	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	0	0	
Cyst	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	
Abscess	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	
Caries	0	0	0	0	0	0	0	N/R	N/R	0	0	0	0	0	0	0	
Calculus	0	0	1	0	1	0	0	N/R	N/R	0	0	1	1	2	0	0	
	6	1	1	1	1	1	1	2		2	1	1	1	1	1	6	
Maxilla	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38
	6	1	1	2	1	1	1	1		1	1	1	1	1	1	6	
Calculus	0	0	1	N/R	1	0	0	0		1	1	1	0	1	0	0	
Caries	0	0	0	N/R	0	0	0	0		0	0	0	0	0	0	0	
Abscess	0	0	0	N/R	N/R	N/R	0	0		0	0	0	0	0	0	0	
Cyst	0	0	0	N/R	N/R	N/R	0	0		0	0	0	0	0	0	0	
E.Hypoplasia	0	0	0	N/R	0	0	0	0		0	0	0	0	0	0	0	
Period. Dis.	0	0	0	N/R	N/R	N/R	0	0		0	0	0	0	0	0	0	
Attrition	0	0	1	N/R	0	0	1	1		1	1	0	0	0	1	0	

SK 5009: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 5012

Adult

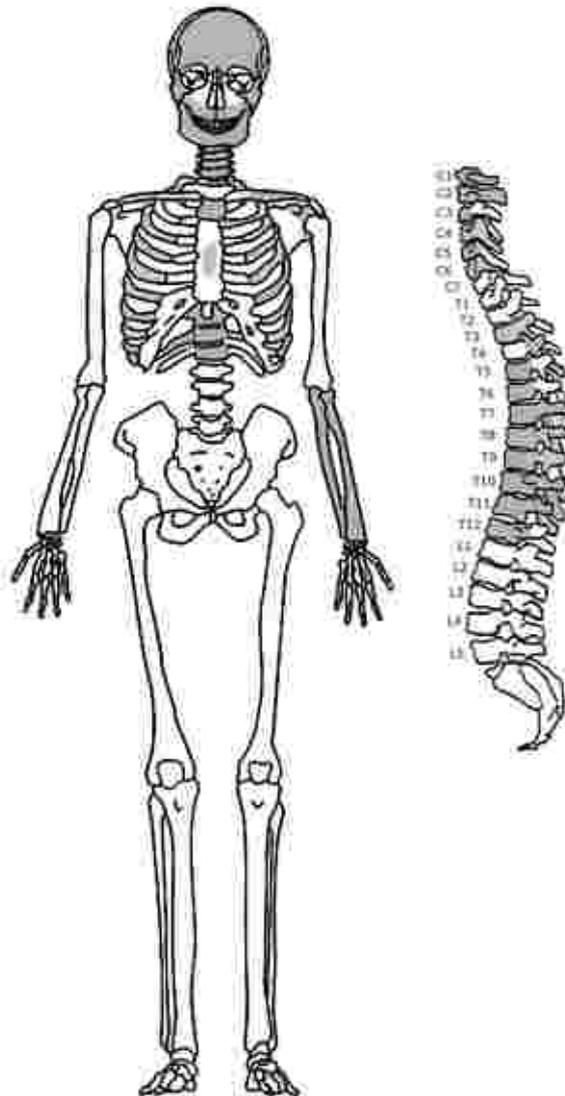
Indeterminate Sex

Burial Position and Details:

Service Trench No: 2

W-E orientation; simple, extended supine burial of poor completeness and good preservation.
The skull was positioned on the right side.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	1	1	N/R	1	1	1	1	1	2	N/R	1	1	1	N/R	1	0
Period. Dis.	N/R	0	N/R	1	1	N/R	N/R	N/R	N/R	N/R	1	1	N/R	N/R	N/R	N/R
E.Hypoplasia	0	0	N/R	1	1	1	1	1	1	N/R	1	1	1	N/R	0	0
Cyst	0	0	N/R	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Abscess	0	0	N/R	0	0	0	0	0	0	0	0	0	0	N/R	0	0
Caries	1	1	N/R	0	0	0	0	0	0	N/R	0	0	0	N/R	0	0
Calculus	0	1	N/R	0	0	0	0	0	0	N/R	1	1	1	N/R	1	1
	1	1	4	1	1	1	1	1	1	2	1	1	1	4	1	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	4	4	1	1	1	1	1	2	2	1	1	1	4	4	4
Calculus	0	N/R	N/R	1	1	1	1	1	N/R	N/R	1	1	2	N/R	N/R	N/R
Caries	0	N/R	N/R	0	0	0	0	0	N/R	N/R	0	0	0	N/R	N/R	N/R
Abscess	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
Cyst	0	N/R	N/R	0	0	0	0	0	0	0	0	0	0	N/R	N/R	N/R
E.Hypoplasia	0	N/R	N/R	0	0	1	1	1	N/R	N/R	1	1	0	N/R	N/R	N/R
Period. Dis.	0	N/R	N/R	1	1	1	1	1	N/R	N/R	0	1	1	N/R	N/R	N/R
Attrition	1	N/R	N/R	1	1	2	3	2	N/R	N/R	1	1	1	N/R	N/R	N/R

Dental Disease

Antemortem Tooth Loss

SK 5012 exhibits antemortem tooth loss of 2 maxillary molars and 5 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites with the exception of Tooth 26 where only partial resorption of the tooth socket has occurred.

Caries

Tooth 17: Small carious lesion present at the distal aspect of the neck of the tooth

Tooth 18: Small carious lesion present on the mesial aspect of the neck of the tooth

Enamel Hypoplasia

SK 5012 exhibits extensive enamel hypoplasia presenting as multiple grooves at the tooth crowns as follows:

Tooth 11: 1 hypoplastic groove present; 4.07mm from the cemento-enamel junction

Tooth 12: 2 hypoplastic grooves present; 2.62mm and 4.71mm from the cemento-enamel junction respectively

Tooth 13: 3 hypoplastic grooves present; 1.92mm, 3.31mm and 5.0mm from the cemento-enamel junction respectively

Tooth 14: 1 hypoplastic groove present; 4.45mm from the cemento-enamel junction

Tooth 15: 1 hypoplastic groove present; 5.18mm from the cemento-enamel junction

Tooth 21: 1 hypoplastic groove present; 3.92mm from the cemento-enamel junction

Tooth 23: 3 hypoplastic grooves present; 1.98mm, 3.16mm and 4.81mm from the cemento-enamel junction respectively

Tooth 24: 1 hypoplastic groove present; 3.53mm from the cemento-enamel junction

Tooth 25: 2 hypoplastic grooves present; 2.15mm and 4.11mm from the cemento-enamel junction respectively

Tooth 33: Hypoplastic groove present at tooth crown: distance from cemento-enamel junction is unobservable to tooth rotation.

Tooth 34: 1 hypoplastic groove present; 3.01mm from the cemento-enamel junction

Tooth 41: 2 hypoplastic grooves present; 2.01mm and 2.67mm from the cemento-enamel junction respectively

Tooth 42: 1 hypoplastic groove present; 3.05mm from the cemento-enamel junction

Tooth 43: 2 hypoplastic grooves present; 2.14mm and 3.59mm from the cemento-enamel junction respectively

Congenital Abnormalities of the Teeth/ Jaws

There is distal rotation of Tooth 33 by approximately 90°.

Cranial Pathology

Infection

Maxillary Sinusitis

SK 5012 exhibits extensively remodelled bilateral periosteal reactive lesions within the right and left maxillary sinuses. These lesions appear to have been active at death and are indicative of chronic maxillary sinusitis in life.

Post Cranial Pathology

Trauma

Fracture

A very-well healed fracture of unknown type present at a probable left rib fragment. The fracture line is no longer evident. Healing in the form of sclerotic callus bone formation is also observable.

SK 5012: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, periodontal disease, calculus, dental attrition, enamel hypoplasia,
tooth rotation
Infection Maxillary Sinusitis
Trauma Fracture

SK 5014

Young Adult

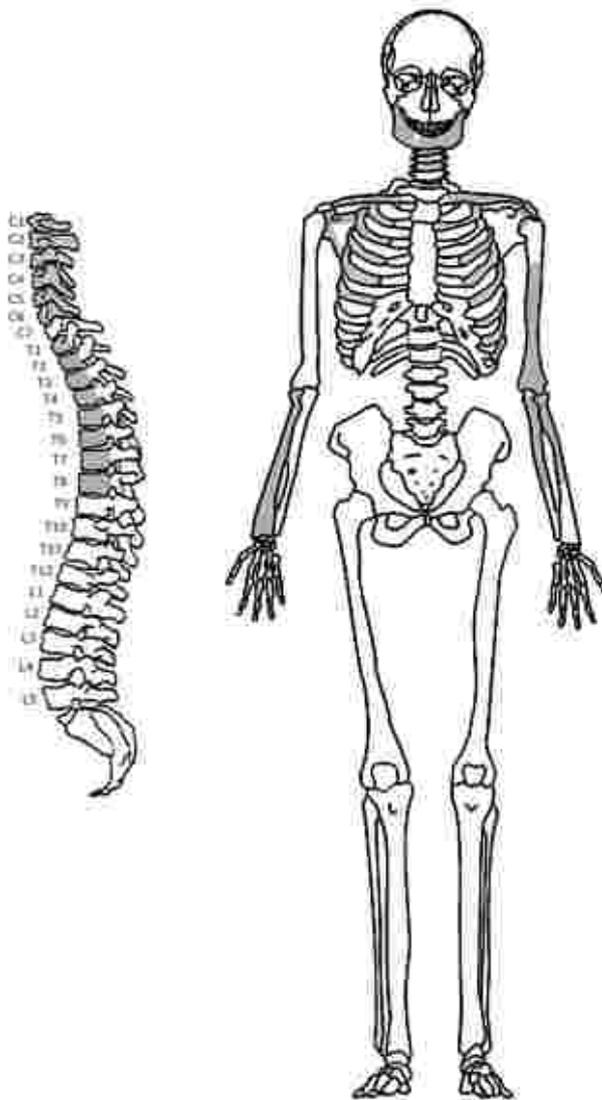
Female

Burial Position and Details:

Service Trench No: 2

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation. The left arm was flexed at the elbow crossing the pelvis.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	1	1	2	N/P	N/P	N/P	N/P	N/P	2	N/P	N/P	N/P	N/P	3	N/P	1
Period. Dis.	N/R	N/R	N/R	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P	N/P	N/R	N/R	0
E.Hypoplasia	0	0	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	0	N/R	0
Cyst	N/R	N/R	N/R	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P	N/P	N/R	0	0
Abscess	N/R	N/R	N/R	N/P	N/P	N/P	N/P	N/P	N/R	N/P	N/P	N/P	N/P	N/R	0	0
Caries	0	3	0	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	0	N/R	0
Calculus	0	0	2	N/P	N/P	N/P	N/P	N/P	0	N/P	N/P	N/P	N/P	0	N/R	1
	1	1	1	N/P	N/P	N/P	N/P	N/P	1	N/P	N/P	N/P	N/P	1	4	1
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Calculus	2	2	2	1	1	2	1	1	N/R	1	2	2	2	2	2	2
Caries	0	0	2	0	0	0	0	0	N/R	0	0	0	0	0	0	0
Abscess	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0
Cyst	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0
E.Hypoplasia	0	0	0	0	0	1	0	0	N/R	1	1	0	0	0	0	0
Period. Dis.	0	0	0	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0
Attrition	1	1	2	1	1	2	2	2	N/R	2	2	1	1	3	1	1

Dental Disease

Antemortem Tooth Loss

SK 5014 exhibits antemortem tooth loss of a maxillary molar. Only partial secondary resorption of the alveolar process has occurred at the affected tooth site.

Enamel Hypoplasia

Tooth 32: 1 hypoplastic groove present; 1.73mm from the cemento-enamel junction

Tooth 33: 1 hypoplastic groove present; 3.85mm from the cemento-enamel junction

Tooth 43: 1 hypoplastic groove present; 3.96mm from the cemento-enamel junction

SK 5014: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, caries, calculus, dental attrition, enamel hypoplasia

SK 5015

Adult

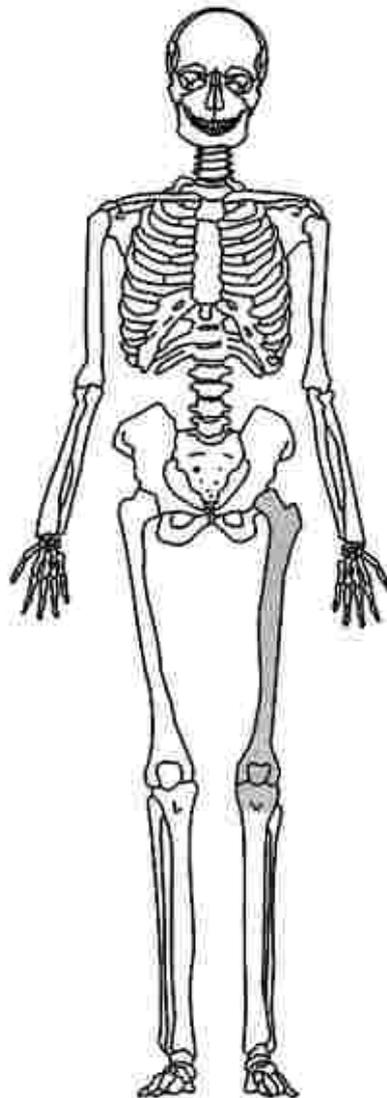
Sex Not Recordable

Burial Position and Details:

Service Trench No: 2

W-E orientation; simple, supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

SK 5015: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 5018

Adult

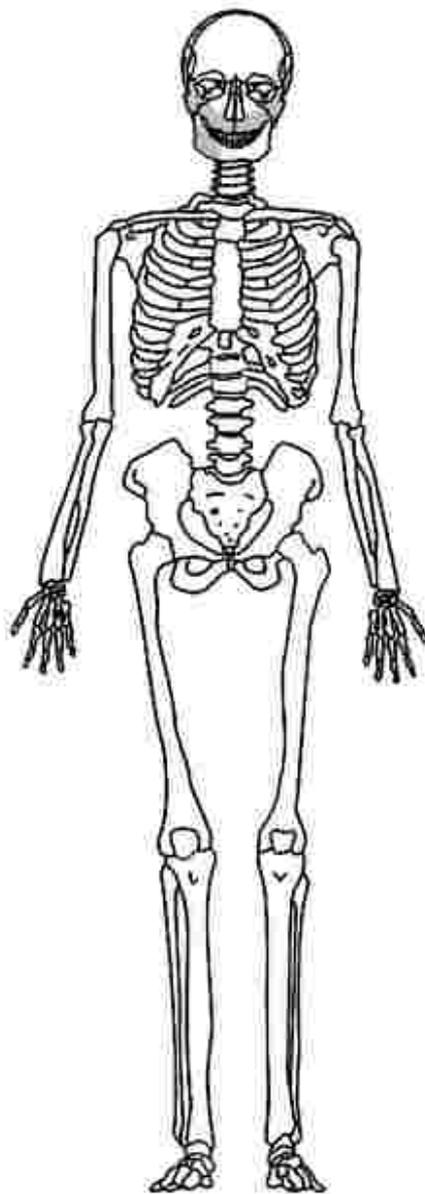
Female

Burial Position and Details:

Service Trench No: 2

W-E orientation: Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/P	2	N/R	1	1	0	0	N/R	N/P							
Period. Dis.	N/P	N/R	0	0	N/R	N/R	0	N/R	0	N/P						
E.Hypoplasia	N/P	1	N/R	0	1	1	1	N/R	N/P							
Cyst	N/P	N/R	N/R	0	0	0	0	0	0	0	0	0	0	N/R	0	N/P
Abscess	N/P	N/R	N/R	0	0	0	0	0	0	0	0	0	0	N/R	0	N/P
Caries	N/P	0	N/R	0	0	0	0	N/R	N/P							
Calculus	N/P	1	N/R	0	1	1	1	N/R	N/P							
	N/P	1	4	1	1	1	1	2	2	2	2	2	2	4	2	N/P
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P															

Dental Disease

Antemortem Tooth Loss

SK 5018 exhibits antemortem tooth loss of 2 maxillary molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth site of Tooth 16 with only partial resorption of the tooth socket of Tooth 26.

Enamel Hypoplasia

Tooth 12: 3 hypoplastic grooves present; 1.62mm, 3.61mm and 5.09mm from the cemento-enamel junction respectively

Tooth 13: 3 hypoplastic grooves present; 1.69mm, 3.50mm and 4.57mm from the cemento-enamel junction respectively

Tooth 14: 1 hypoplastic groove present; 2.56mm from the cemento-enamel junction

Tooth 17: 1 hypoplastic groove present; 2.37mm from the cemento-enamel junction

SK 5018: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, calculus, dental attrition, enamel hypoplasia

SK 5019

Middle Adult

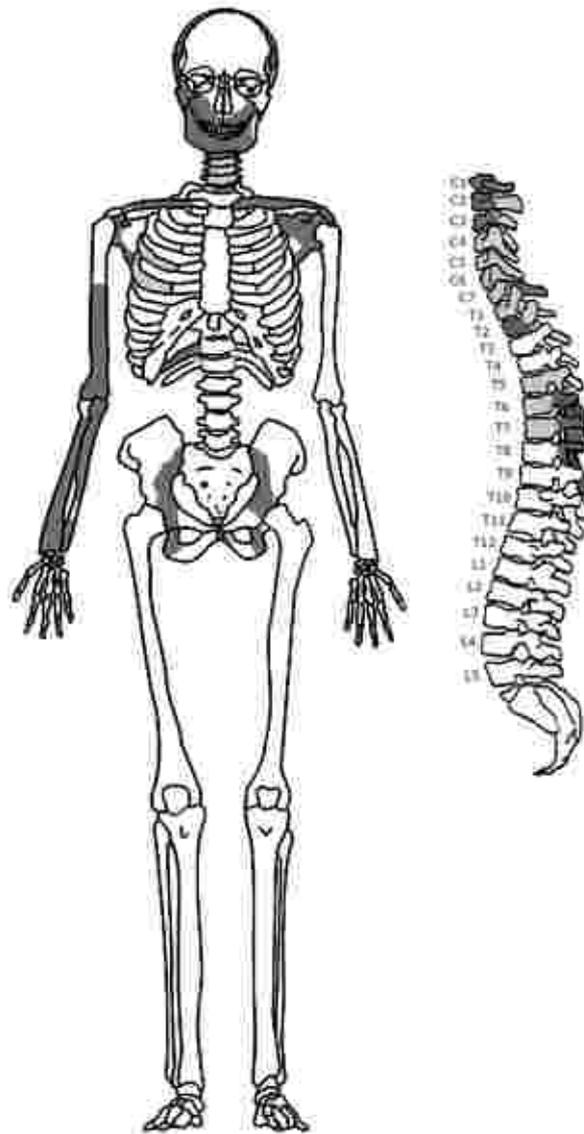
Male

Burial Position and Details:

Service Trench No: 2

W-E orientation; simple, extended supine burial of poor completeness and moderate preservation.

Visual Inventory



Preservation

Approximate Completeness: 25-50%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Dentition

Attrition	N/R	N/R	N/R	N/R	N/R	3	N/R	3	N/R	2	3	N/R	3	3	N/R	N/R
Period. Dis.	N/R	N/R	N/R	N/R	N/R	1	N/R	1	N/R	0	0	N/R	0	0	N/R	N/R
E.Hypoplasia	N/R	N/R	N/R	N/R	N/R	0	N/R	0	N/R	0	1	N/R	0	N/R	N/R	N/R
Cyst	N/R	N/R	0	1	0	0	0	0	N/R	0	0	N/R	0	0	N/R	N/R
Abscess	N/R	N/R	0	0	0	0	0	0	N/R	0	0	N/R	0	1	N/R	N/R
Caries	N/R	N/R	N/R	N/R	N/R	0	N/R	0	N/R	0	0	N/R	0	0	N/R	N/R
Calculus	N/R	N/R	N/R	N/R	N/R	0	N/R	0	N/R	0	0	N/R	0	1	N/R	N/R
	4	4	2	5	3	1	2	1	2	1	1	2	1	1	4	4
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	2	1	1	1	1	2	1	1	2	1	1	1	1	1	4	1
Calculus	N/R	1	1	1	1	N/R	1	1	N/R	1	1	1	1	2	N/R	3
Caries	N/R	0	0	0	0	N/R	0	0	N/R	0	0	0	0	0	N/R	0
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	0	0	0	0	N/R	1	1	N/R	1	0	0	0	N/R	N/R	0
Period. Dis.	N/R	0	1	1	1	N/R	N/R	N/R	N/R	N/R	2	2	2	3	N/R	1
Attrition	N/R	2	3	3	2	N/R	3	3	N/R	3	3	3	3	3	N/R	3

Dental Disease

Antemortem Tooth Loss

SK 5019 exhibits antemortem tooth loss of 4 maxillary molars and 1 mandibular molar. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites of Tooth 27, 28 and 37 with only partial resorption of the tooth sockets of Tooth 17 and 18.

Abscess/ Cyst

Tooth 15: Large cyst present at the apex of the root on the buccal aspect of the alveolar bone.

Tooth 26: Medium-sized abscess present at the apex of the lingual root

Enamel Hypoplasia

Tooth 23: 1 hypoplastic groove present; 5.92mm from the cemento-enamel junction

Tooth 32: 1 hypoplastic groove present; 4.11mm from the cemento-enamel junction

Tooth 41: 1 hypoplastic groove present; 2.97mm from the cemento-enamel junction

Tooth 42: 1 hypoplastic groove present; 3.17mm from the cemento-enamel junction

Cranial Pathology

Metabolic

Non-specific Stress Indicator: Possible Porotic Hyperostosis

Porosity and coalescing of foramina with increased thickening of the diploë is exhibited adjacent to the sutures and near the boss of the left parietal. The activity pattern is mixed but appears to be healing at the time of death.

Post Cranial Pathology

Infection

Reactive Bone Formation

SK 5019 exhibits a periosteal reactive bone lesion at the right radius. A lesion composed of both reactive woven and sclerotic bone is present at the anterior aspect of the distal radial shaft. Partial sclerosis of this lesion indicates a degree of healing took place before the time of death.

Joint

SK 5019 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Shoulder</i>	Periarticular resorptive foci	Left Glenoid fossa
<i>Hip</i>	Marginal osteophytes	Left Acetabulum

SK 5019: Palaeopathological Summary and Differential Diagnoses

<i>Dental</i>	Antemortem tooth loss, dental abscess/cyst, periodontal disease, calculus, dental attrition, enamel hypoplasia
<i>Metabolic</i>	Non-specific Stress Indicator at Cranial Vault: Possible Porotic Hyperostosis
<i>Infection</i>	Non-specific: reactive bone deposits
<i>Joint</i>	DJD

SK 5021A

Adult

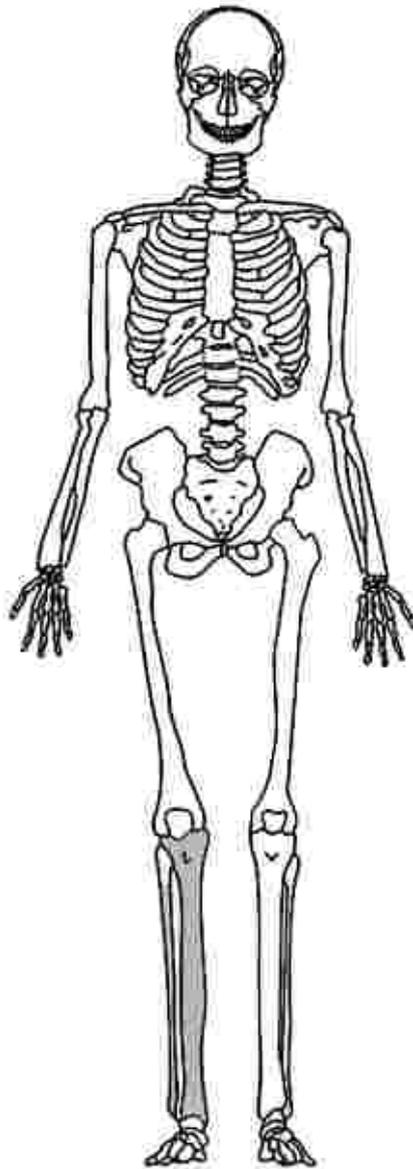
Sex Not Recordable

Burial Position and Details:

Service Trench No: 2

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 5021A: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 5023

Adult

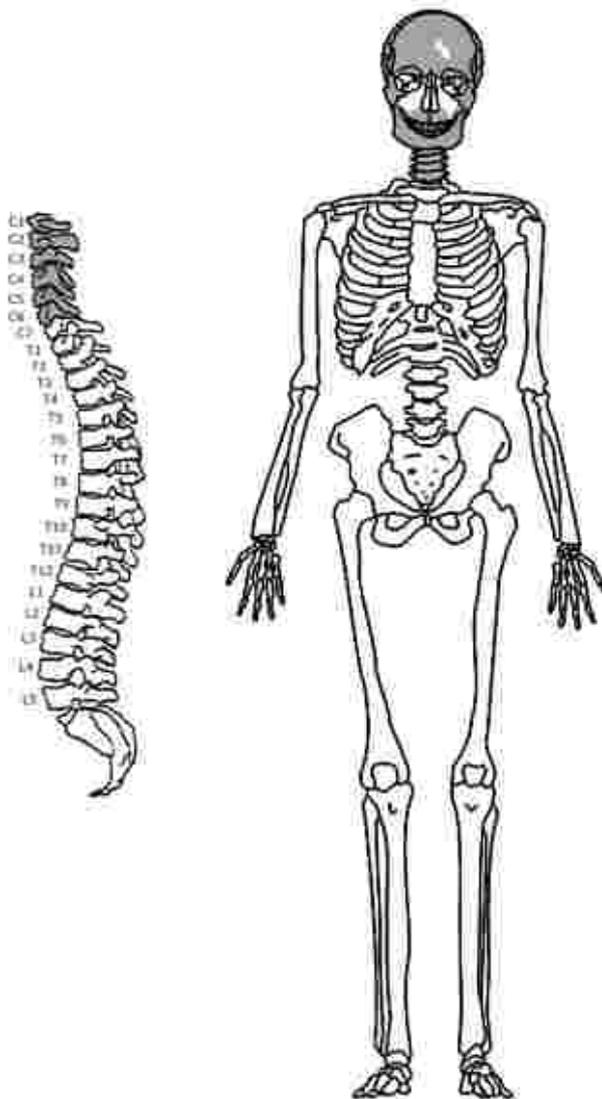
Probable Male

Burial Position and Details:

Service Trench No: 2

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

Dentition

Attrition	N/R	1	2	2	2	2	N/R	3	3	N/R	1	2	2	2	N/R	N/R
Period. Dis.	N/R	1	1	0	0	0	N/R	0	0	N/R	0	0	0	0	N/R	N/R
E.Hypoplasia	N/R	0	0	0	0	0	N/R	0	0	N/R	0	0	0	0	N/R	N/R
Cyst	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R
Abscess	N/R	0	0	0	0	0	0	0	0	0	0	0	0	0	N/R	N/R
Caries	N/R	0	0	0	0	0	N/R	0	0	N/R	0	0	0	0	N/R	N/R
Calculus	N/R	3	3	2	2	2	N/R	2	2	N/R	2	2	3	3	N/R	N/R
	N/R	1	1	1	1	1	2	1	1	2	1	1	1	1	N/R	N/R
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	4	4	4	2	1	1	1	2	4	2	1	1	2	4	4	4
Calculus	N/R	N/R	N/R	N/R	2	2	2	N/R	N/R	N/R	3	2	N/R	N/R	N/R	N/R
Caries	N/R	N/R	N/R	N/R	0	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R	N/R
Abscess	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Hypoplasia	N/R	N/R	N/R	N/R	0	0	0	N/R	N/R	N/R	0	0	N/R	N/R	N/R	N/R
Period. Dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Attrition	N/R	N/R	N/R	N/R	2	2	2	N/R	N/R	N/R	2	2	N/R	N/R	N/R	N/R

Dental Disease

Antemortem Tooth Loss

SK 5023 exhibits antemortem tooth loss of all 6 mandibular molars. Complete secondary resorption of the alveolar process has occurred at the affected tooth sites with the exception of Tooth 31 where only partial resorption of the tooth socket has occurred.

Congenital Abnormalities of the Teeth/ Jaws

A diastema is present between Tooth 11 and 21 measuring 2.54mm in width.

Cranial Pathology

Metabolic

Cribrra Orbitalia (CO)

Type 1 (capillary-like impressions) CO is exhibited in the antero-intermediate sector of the left orbital roof.

SK 5023: Palaeopathological Summary and Differential Diagnoses

Dental Antemortem tooth loss, periodontal disease, calculus, dental attrition, diastema
Metabolic CO

SK 5024

Young Adult

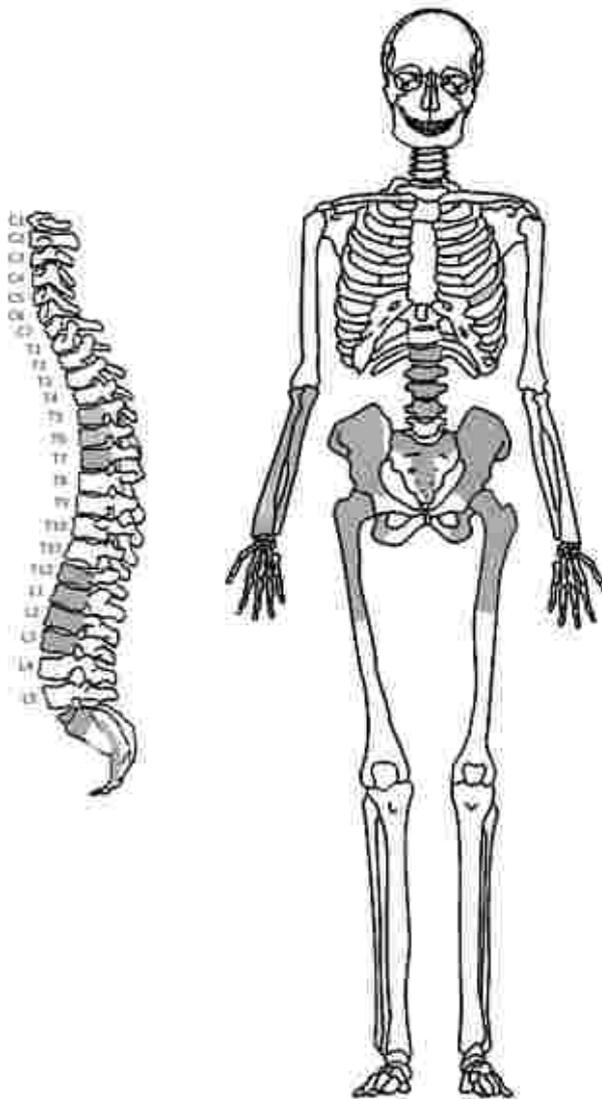
Female

Burial Position and Details:

Service Trench No: 2

NW-SE orientation; simple, extended supine burial of poor completeness and moderate preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 3

SK 5024: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 5027

Young-Middle Adult

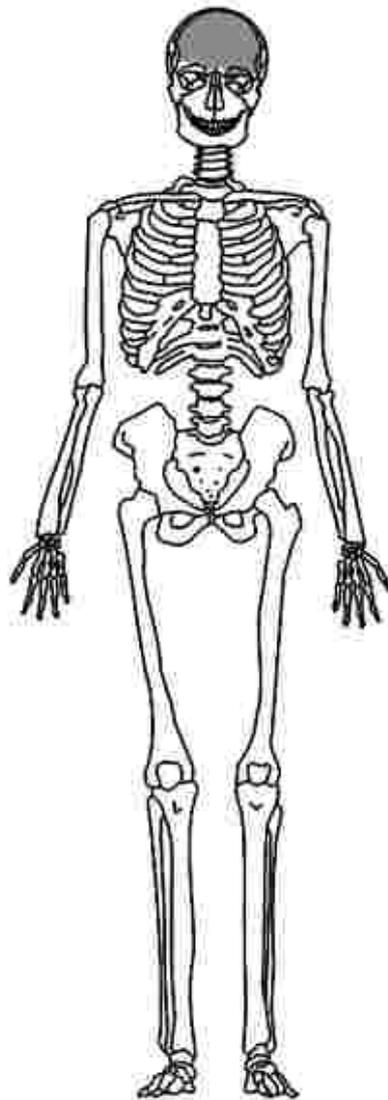
Probable Male

Burial Position and Details:

Service Trench No: 2

Burial position not specified.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

Dentition

Attrition	N/P	2	N/P	2	N/P											
Period. Dis.	N/P	N/R	N/P	N/R	N/P											
E.Hypoplasia	N/P	0	N/P	0	N/P											
Cyst	N/P	N/R	N/P	N/R	N/P											
Abscess	N/P	N/R	N/P	N/R	N/P											
Caries	N/P	0	N/P	0	N/P											
Calculus	N/P	1	N/P	1	N/P											
	N/P	1	N/P	3	N/P											
Maxilla	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Mandible	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	N/P	1	N/P													
Calculus	N/P	1	N/P													
Caries	N/P	0	N/P													
Abscess	N/P	N/R	N/P													
Cyst	N/P	N/R	N/P													
E.Hypoplasia	N/P	0	N/P													
Period. Dis.	N/P	N/R	N/P													
Attrition	N/P	2	N/P													

SK 5027: Palaeopathological Summary and Differential Diagnoses

Dental Calculus, dental attrition

SK 5028

Adult

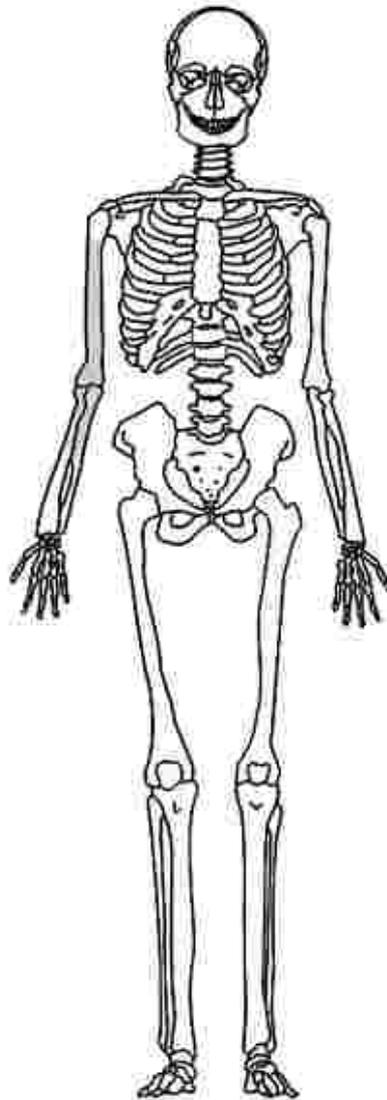
Sex Not Recordable

Burial Position and Details:

Service Trench No: 2

NW-SE orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 1

SK 5028: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 5029

Adult

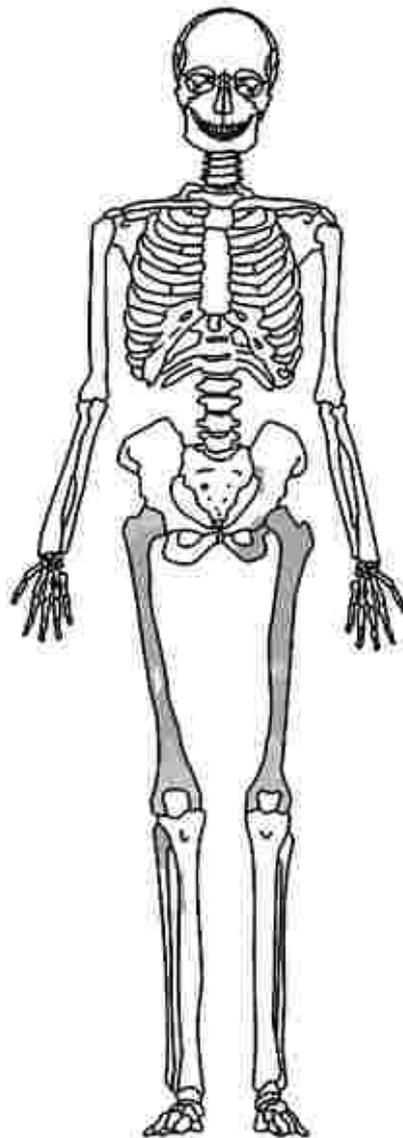
Sex Not Recordable

Burial Position and Details:

Service Trench No: 3

Orientation not specified: simple, extended supine burial of poor completeness and moderate preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 2

Post Cranial Pathology

Joint

SK 5029 exhibits pathological lesions indicative of degenerative joint disease at the following joint surfaces:

<i>Joint</i>	<i>Lesion Type(s)</i>	<i>Affected Skeletal Element(s)</i>
<i>Hip</i>	Marginal osteophytes, surface porosity	Left Acetabulum and Femoral Head

SK 5029: Palaeopathological Summary and Differential Diagnoses

Joint DJD

SK 5030

Adult

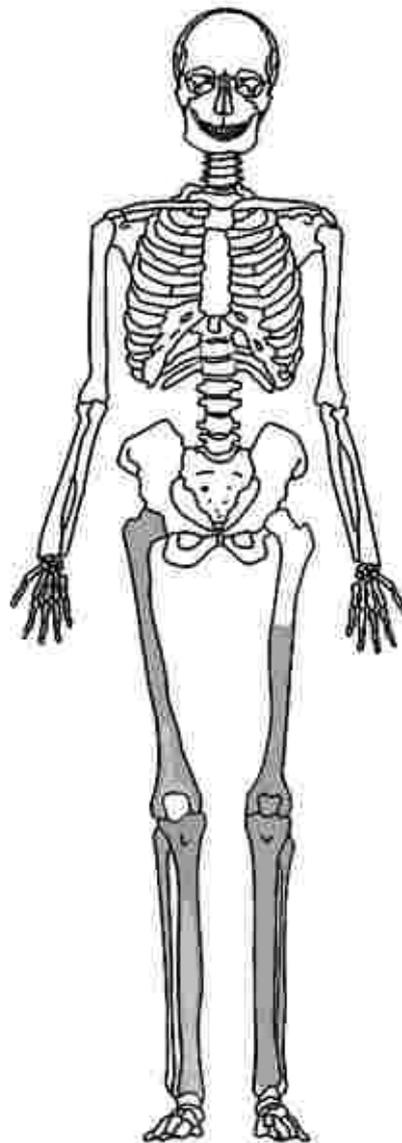
Probable Female: 153cm

Burial Position and Details:

Service Trench No: 3

W-E orientation; simple, extended supine burial of poor completeness and poor preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 4

SK 5030: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 5031

Adult

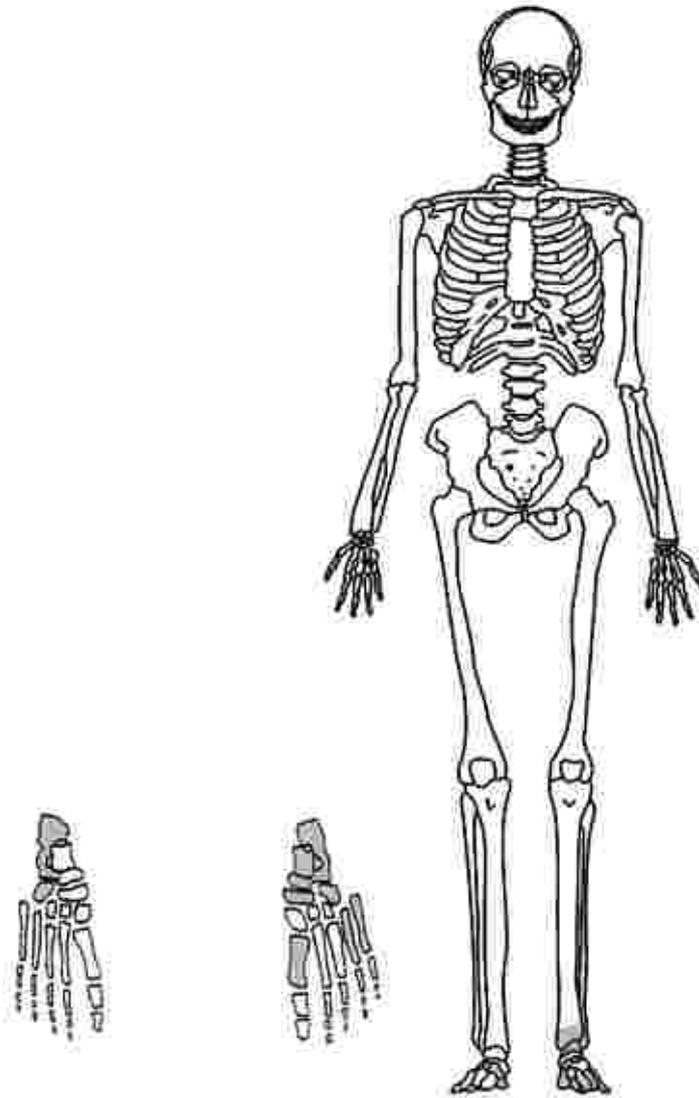
Sex Not Recordable

Burial Position and Details:

Service Trench No: 3

W-E orientation; simple, extended supine burial of poor completeness and poor preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: 75-100%

Average preservation: Grade 5

Post Cranial Pathology

Miscellaneous Pathology/ Trauma

Abnormal Bone Formation: Possible Sequestrum

A lesion of abnormal bone formation is exhibited on the dorsal aspect of the left 1st proximal foot phalanx. The lesion is composed of lamellar/ sclerotic bone. The aetiology of this lesion is unclear but may be sequestrum secondary to trauma.

SK 5031: Palaeopathological Summary and Differential Diagnoses

Miscellaneous Abnormal Bone Formation

SK 5032

Middle Adult

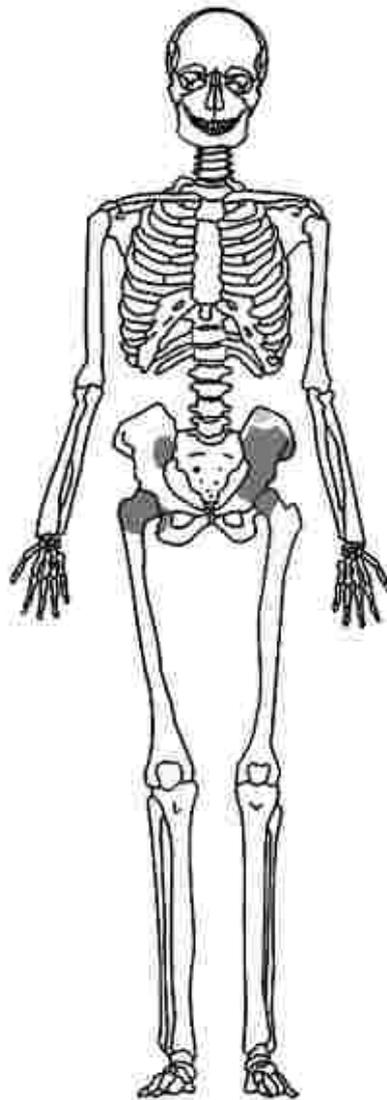
Female

Burial Position and Details:

Service Trench No: 4

W-E orientation; simple, extended supine burial of poor completeness and good preservation.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 0

SK 5032: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.

SK 5033

Adult

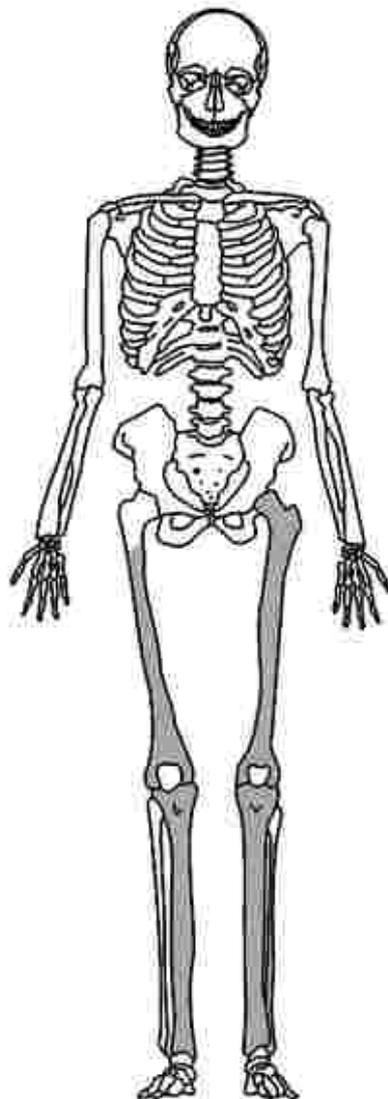
Probable Male: 177.9cm

Burial Position and Details:

Service Trench No: 4

NW-SE orientation; simple, extended supine burial of poor completeness and good preservation. Both legs were extended.

Visual Inventory



Preservation

Approximate Completeness: <25%

Approximate Fragmentation: <25%

Average preservation: Grade 1

SK 5033: Palaeopathological Summary and Differential Diagnoses

No pathological lesions were observed on the skeletal elements present for analysis.