

Site: Antwerpen St. - Paulus crypte
Datum: 16/02/21

Ind. Nr: 1

Waarnemer: Nandy Dolman

Algemeen	Site	Antwerpen St. - Paulus Crypte		
	Projectcode	2020-3511	Orientatie	W-O
	Werkput	1	Houding	uitgestrekt op de rug
	Vlak		Bewaring	gemiddeld - slecht
	Spoor LAAG	1 5 (Pint), 7 (IND)	Geassocieerd materiaal	

Bio. ID	Leeftijd	Jongvolwassen, 18-24 jaar oud		
	Geslacht	Onbepaald		
	Lengte	/		
	Pathologie	/		

Opmerkingen: Graffwondje t.h.v. schedel, vermoedelijk mannelijk individu?

Site: Antwerpen SPC

Ind.nr: 1

Bone	Left	Right	Bone	
Parietal	A	A	Frontal	A
Temporal	A	A	Occipital	P
Maxilla	A	A	Sphenoid	A
Nasal	A	A	Vomer	A
Zygomatic	A	A	Ethmoid	A
Lacrimal	A	A	Hyoid	A
Palatine	A	A		
Mandibular body	C	F	Manubrium	A
Mandibular ramus	A	A	Sternum	A
Ossicles	A	A	Xiphoid	A

Bone	Left	Right
Ilium	F	P
Ischium	A	P
Pubis	A	A
Patella	A	A

Scapula	Left	Right
Glenoid	A	A
Acromion	P	A
Coracoid	A	A
Body	F	A

Vertebrae	Body	NA
C1	A	A
C2	A	A
C3	A	P
C4	P	F
C5	C	C
C6	A	A
C7	A	A
T1	A	A
T2	A	A
T3	A	A
T4	A	A
T5	A	A
T6	A	A
T7	A	A
T8	A	A
T9	A	A
T10	A	A
T11	A	A
T12	A	P
L1	A	L
L2	A	L
L3	A	P
L4	A	P
L5	A	L
Extra		
Sacrum	L	
Coccyx	F	
Fragments		
Cervical		
Thoracic		
Lumbar		

	Scaph.	Lunate	Triq.	Pisi.	Trapezium	Trapezoid	Capi.	Ham.
Right	A	A	A	A	A	A	A	A
Left	A	A	A	A	A	A	A	A
	Talus	Calc.	Cub.	Nav.	M. Cun.	I. Cun.	L. Cun.	
Right	A	A	A	A	A	A	A	
Left	A	A	A	C	A	A	A	

LEFT	Head	Body	RIGHT	Head	Body
Rib 1	A	A	Rib 1	A	A
Rib 2	A	A	Rib 2	A	A
Rib 3-11	F	F	Rib 3-11	F	F
Rib 12	A	A	Rib 12	A	A
Fragmenten: 5(L), 4(R)					

HAND	Left	Right
Proximal	A	A
Intermediate	A	A
Distal	A	A

FOOT	Left	Right
Proximal	A	A
Intermediate	A	A
Distal	A	A

	Left	Right		Left	Right
MC 1	A	A	MT 1	A	A
MC 2	A	A	MT 2	A	A
MC 3	A	A	MT 3	A	A
MC 4	A	A	MT 4	A	A
MC 5	A	A	MT 5	A	A

Left					
Bone	PE	P1/3	M1/3	D1/3	DE
Clavicle	A	A	A	A	A
Humerus	A	A	A	A	A
Radius	A	A	A	A	A
Ulna	A	A	A	A	A
Femur	A	F	C	F	A
Tibia	A	P	C	F	A
Fibula	A	A	A	A	A


Right					
Bone	PE	P1/3	M1/3	D1/3	DE
Clavicle	A	A	A	A	A
Humerus	A	A	A	A	A
Radius	A	C	P	A	A
Ulna	A	P	A	A	A
Femur	A	P	C	F	A
Tibia	A	F	C	F	A
Fibula	A	A	A	A	A

Opmerkingen: Caten femur maar vooral tibia
zwaar aangetast

C Complete (>75%)
L Largely (50-75%)
P Partial (25-50%)
F Fragment (<25%)
A Absent

Site: Ambuapen SPC

Ind.nr: 2

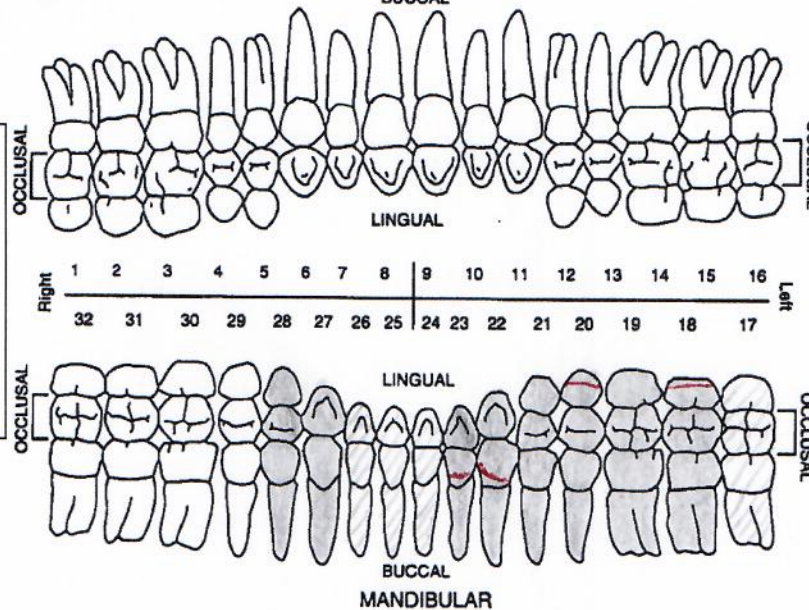
 Kaak ofwezig

DENTAL INVENTORY + ANALYSIS

MAXILLA															
M3	M2	M1	PM2	PM1	C1	I2	I1	I1	I2	C1	PM1	PM2	M1	M2	M3
				P	P	PH	PH	PH	P	P	P	P	P	P	PH
M3	M2	M1	PM2	PM1	C1	I2	I1	I1	I2	C1	PM1	PM2	M1	M2	M3

MAXILLARY

BUCCAL



P = Present

AM = Antemortem loss

PM = Postmortem loss

M = Missing

E = Erupting

Cc = Calculus 🍷

Ca = Caries

Ab = abscess

H = linear enamel hypoplasia

B = Bone loss

SEX ESTIMATION

Measurements (Bass 2005)		Left		Right	
		mm	Sex	mm	Sex
Clavicle	Max length (M>150; F<138)				
Scapula	Max glenoid width (M>29; F<26)				
	Max glenoid length (M>36; F<34)				
	Max length (M>151; M?>149; F?<144; V<140)				
Humerus	Vertical head diameter (M>47; F<44.9)				
	Epicondylar breadth (M>60.1; F<60.1)				
Femur	Max head diameter (M>48; F<43)				
	Epicondylar breadth (M>76; F<74)				
Os coxae	Ischiopubic index (M = 52-71; F = 68 - 91)				

WEA degree of sexualisation - cranium =

$$\frac{\sum Wx}{\sum W} =$$

WEA degree of sexualisation - mandible =

$$\frac{\sum Wx}{\sum W} = \frac{-3}{8} = -0,4$$

$$= I$$

WEA degree of sexualisation - os coxae =

$$\frac{\sum Wx}{\sum W} =$$

Cranial trait (midline)	Letter	Number	Weight	no x weight
Glabella			3	
Nuchal plane/crest			3	
Parietal & frontal bossing			2	
External occipital protuberance			2	
Frontal inclination			1	

WEA	Letter	non-WEA
-2	F	1
-1	F?	2
0	I	3
1	M?	4
2	M	5

Cranial trait (bilateral)	LEFT				RIGHT			
	Letter	Number	Weight	no x weight	Letter	Number	Weight	no x weight
Mastoid process			3				3	
Zygomatic process			3				3	
Supraorbital ridge			2				2	
Zygomatic bone			2				2	
Orbit shape & margin			1				1	

Mandible trait (midline)	Letter	Number	Weight	no x weight
Total aspect	I	0	3	0
Mental eminence	F?	-1	2	-2
			5	-2

Mandible trait (bilateral)	LEFT				RIGHT			
	Letter	Number	Weight	no x weight	Letter	Number	Weight	no x weight
Gonial angle	F?	-1	1	-1			1	
Inferior margin	I	0	1	0	I	0	1	0
			2	-1			1	0

Pelvic trait	LEFT				RIGHT			
	Letter	Number	Weight	no x weight	Letter	Number	Weight	no x weight
Pre-auricular sulcus			3				3	
Greater sciatic notch			3				3	
Pubic arc/angle			2				2	
Arc composé			2				2	
Innominate bone			2				2	
Obturator foramen			2				2	
Ischial body			2				2	
Iliac crest			1				1	
Iliac fossa			1				1	
Pelvic inlet (midline)			1				1	

Opmerkingen:

(Ventral arch, subpubic concavity, ischiopubic ramus ridge, shape of pubic bone, acetabulum size, dorsal pitting, sacral morphology,...)

AGE ESTIMATION

PUBIC SYMPHYSIS (Todd 1970)		
Male		
Left	Range	Right
1	18-19	1
2	20-21	2
3	22-24	3
4	25-26	4
5	27-30	5
6	30-35	6
7	35-39	7
8	39-44	8
9	44-50	9
10	50+	10

AURICULAR SURFACE (Lovejoy et al. 1985)		
Left	Range	Right
1	20-24	1
2	25-29	2
3	30-34	3
4	35-39	4
5	40-44	5
6	45-49	6
7	50-59	7
8	60+	8

SUTURE CLOSE (Meidl & Lovejoy 1985)		
Vault sites		
1	Midlambdoid	
2	Lambda	
3	Obelion	
4	Ant. Sagittal	
5	Bregma	
6	Midcoronal	
7	Pterion	
Composite score		
Age range		
Lateral-anterior sites		
6	Midcoronal	
7	Pterion	
8	Sphenofrontal	
9	Inf. Sphenotemp.	
10	Sup. Sphenotemp.	
Composite score		
Age range		

PUBIC SYMPHYSIS (S & B 1990)			
Male			
Left	Range	S.D.	Right
1	18.5	2.1	1
2	23.4	3.6	2
3	28.7	6.5	3
4	35.2	9.4	4
5	45.6	10.4	5
6	61.2	12.2	6

PUBIC SYMPHYSIS (S & B 1990)			
Female			
Left	Range	S.D.	Right
1	19.4	2.6	1
2	25	4.9	2
3	30.7	8.1	3
4	38.2	10.9	4
5	48.1	14.6	5
6	60	12.4	6

AURICULAR SURFACE (B & C 2002)		
Left	Traits	Right
	Transverse organisation	
	Surface texture	
	Microporosity	
	Macroporosity	
	Apical changes	
	Composite score	
	Age range	

LATE EPIPHYSEAL FUSION			
Bone	Open	Partial	Closed
Clavicle: medial epiphysis	<23	17-30	>21
Sacral vertebrae (S1-S2)	<27	14-30	>21
Innominate iliac crest	<20	14-22	>18
ischial epi.	<18	14-20	>16
Sternum B1-B2	<25	15-25	>15
B2-B3	<20	15-20	>11
B3-B4	<15	11-20	>4
B4-Xiphoid	<40	-	>35

Opmerkingen:

S1, ofnerig, S2-3 open ⇒ 17-29
 (Bukha & Uelaker 1994)
 ⇒ Conclusie, jongelwarsene tussen 18-29
 18 en oud.

Site:

Antwerpen SPC

Ind.nr:

1

STATURE

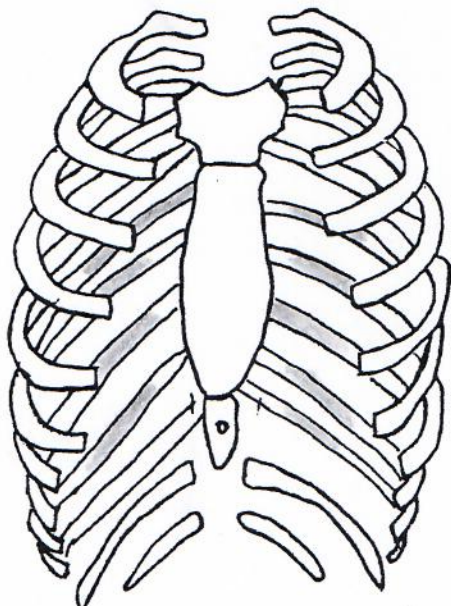
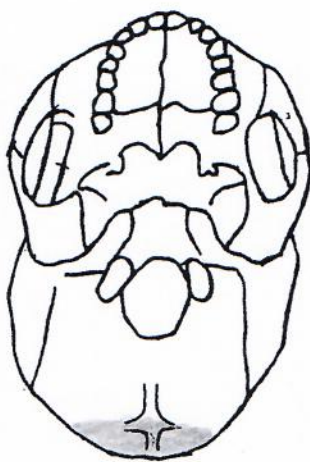
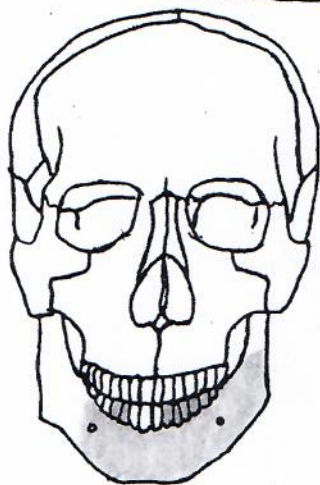
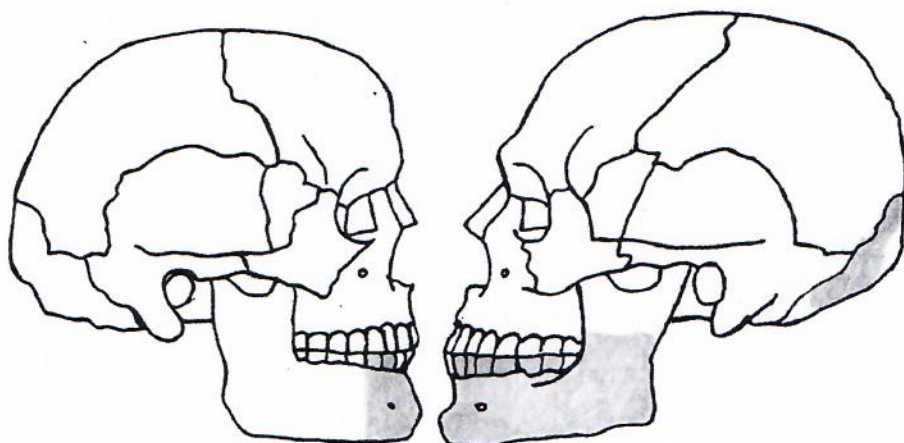
ADULT (Trotter 1970)

MALE						
Bone	Formula	cm L	Length L	cm R	Length R	S.D.
Humerus	$70,45 + 3,08 \times \text{hum}$					4.05
Radius	$79,01 + 3,78 \times \text{rad}$					4.32
Ulna	$74,05 + 3,70 \times \text{ulna}$					4.32
Femur	$61,41 + 2,38 \times \text{fem}$					3.27
Tibia	$78,62 + 2,52 \times \text{tib}$					3.37
Fibula	$71,78 + 2,68 \times \text{fib}$					3.29
Femur + tibia	$63,29 + 1,3 \times (\text{fem} + \text{tibia})$					2.99

FEMALE						
Bone	Formula	cm L	Length L	cm R	Length R	S.D.
Humerus	$57,97 + 3,36 \times \text{hum}$					4.45
Radius	$54,93 + 4,74 \times \text{rad}$					4.24
Ulna	$57,76 + 4,27 \times \text{ulna}$					4.3
Femur	$54,10 + 2,47 \times \text{fem}$					3.72
Tibia	$61,53 + 2,90 \times \text{tib}$					3.66
Fibula	$59,61 + 2,93 \times \text{fib}$					3.57
Femur + tibia	$53,2 + 1,39 \times (\text{fem} + \text{tibia})$					3.55

PATHOLOGIES

Geen pathologieën waargenomen. Corten vaak verhardt
+ jonger individu



4 fragmenten Rechts, 5 fragmenten
links, precize locati (3-12) met zehen

Right

Left

