

Scoring procedures

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Version 1.01



Why these traits?

- Began with numerous traits
 - Especially many cranial sutures and parts of the iliac auricular surface
- Traits winnowed down to the final list
- Criteria used to evaluate traits
 - Ease of identification
 - Replicability in scoring
 - Age-informative variation

Incomplete specimens can be scored!

- Record what is observable
- Can use multiple stage designations if damage prevents full observations
- Use whatever information is available!

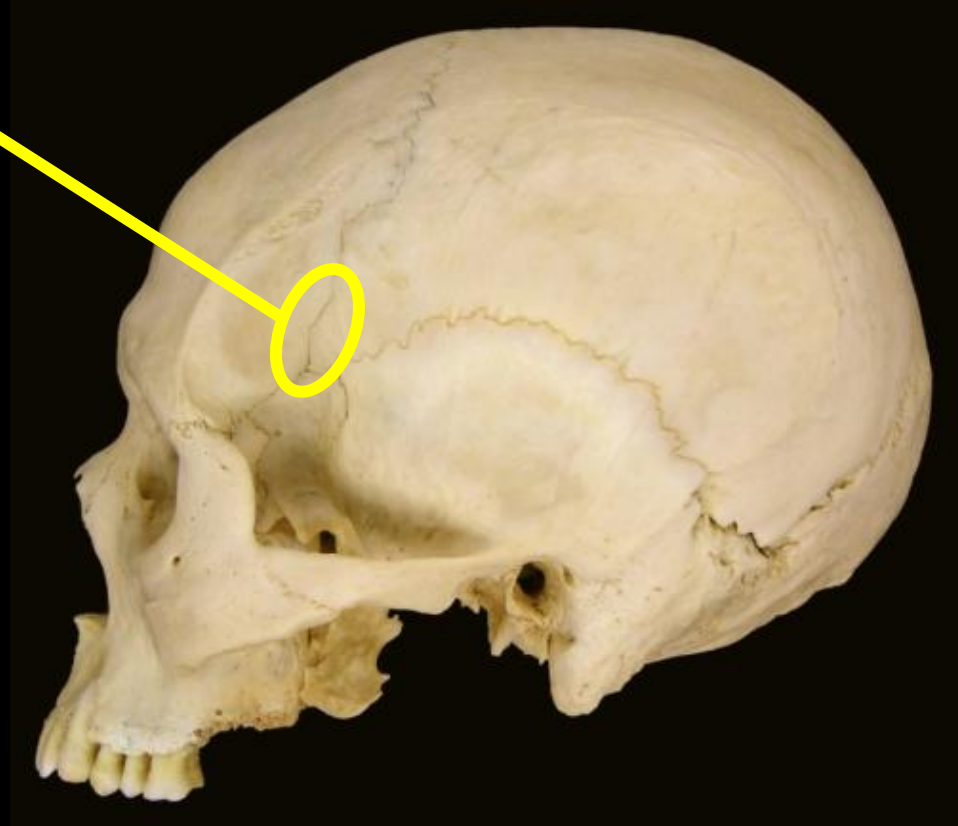


Cranial sutures



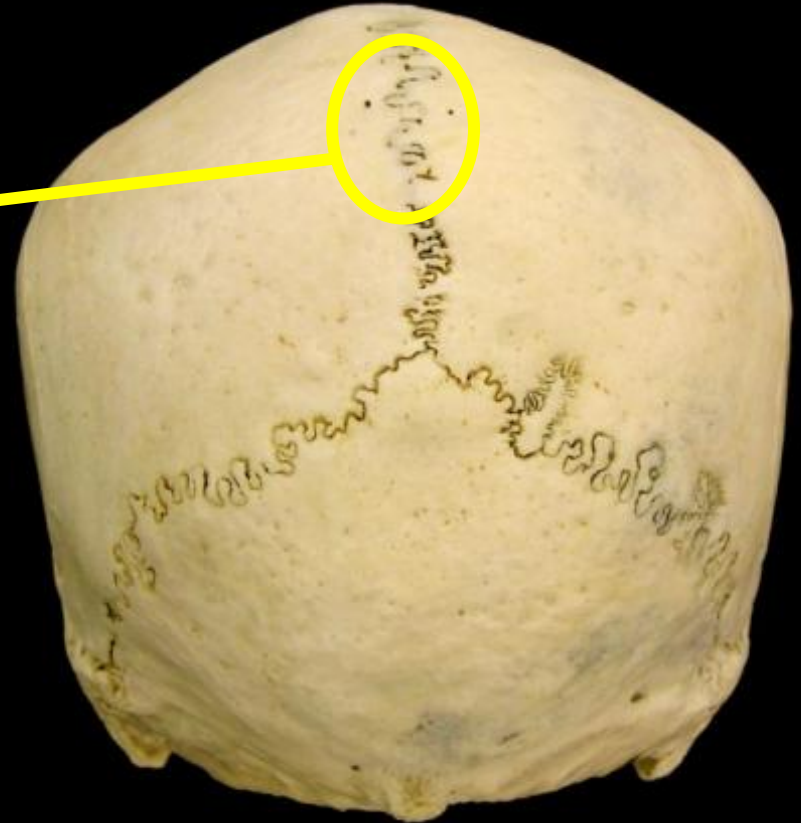
Transition Analysis: Sutures

Coronal Pterica



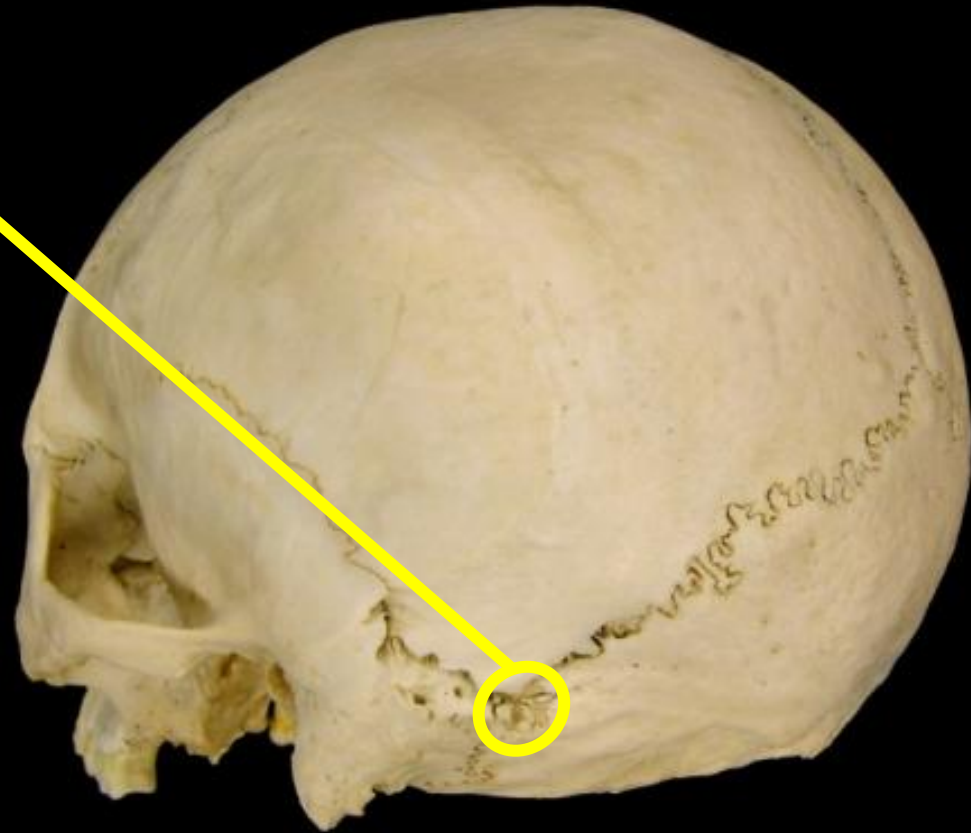
Transition Analysis: Sutures

Sagittal Obelica



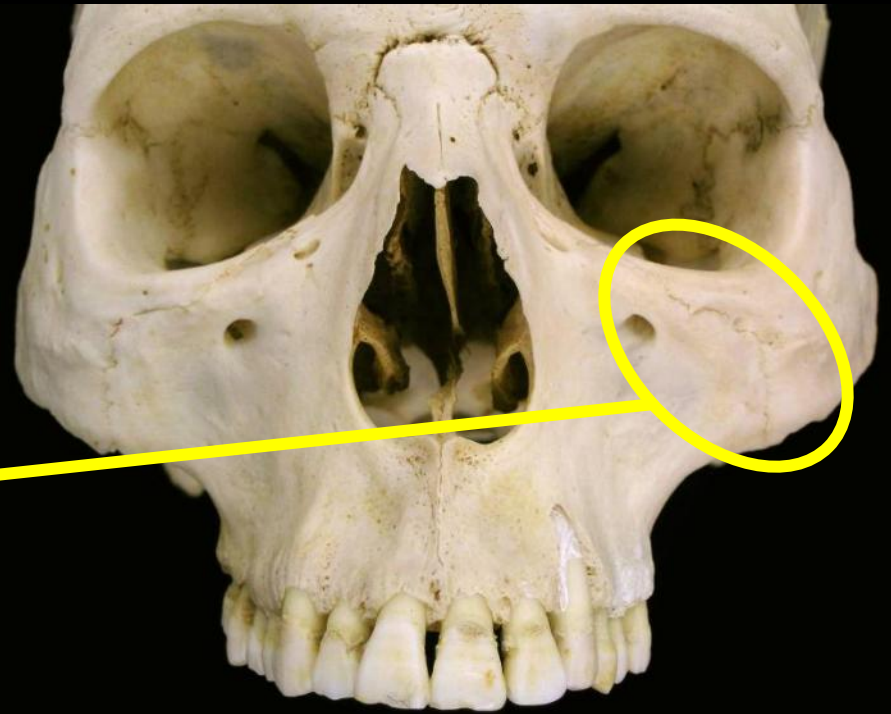
Transition Analysis: Sutures

Lambdoidal Asterica

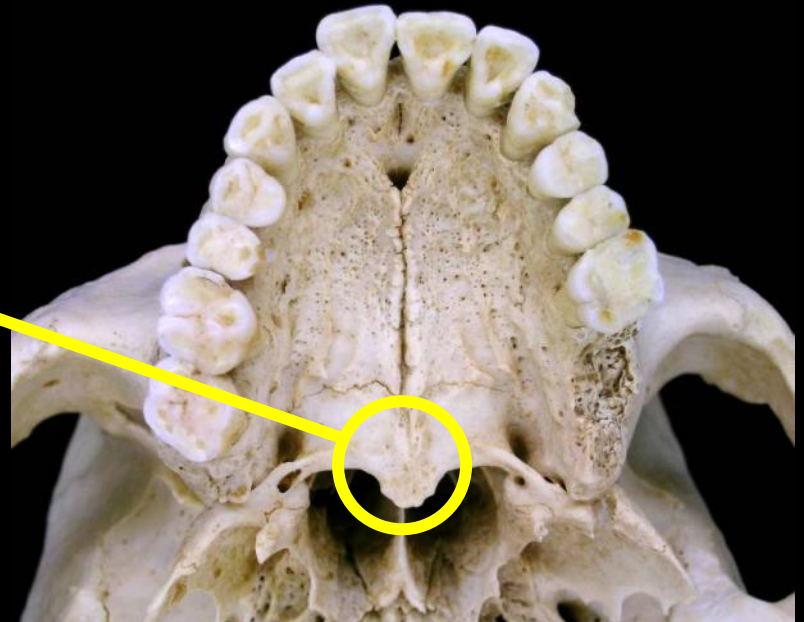


Transition Analysis: Sutures

Zygomaticomaxillary



Interpalatine



Cranial sutures: Scoring closure

1
Open



2
Juxtaposed



3
Partially
obliterated



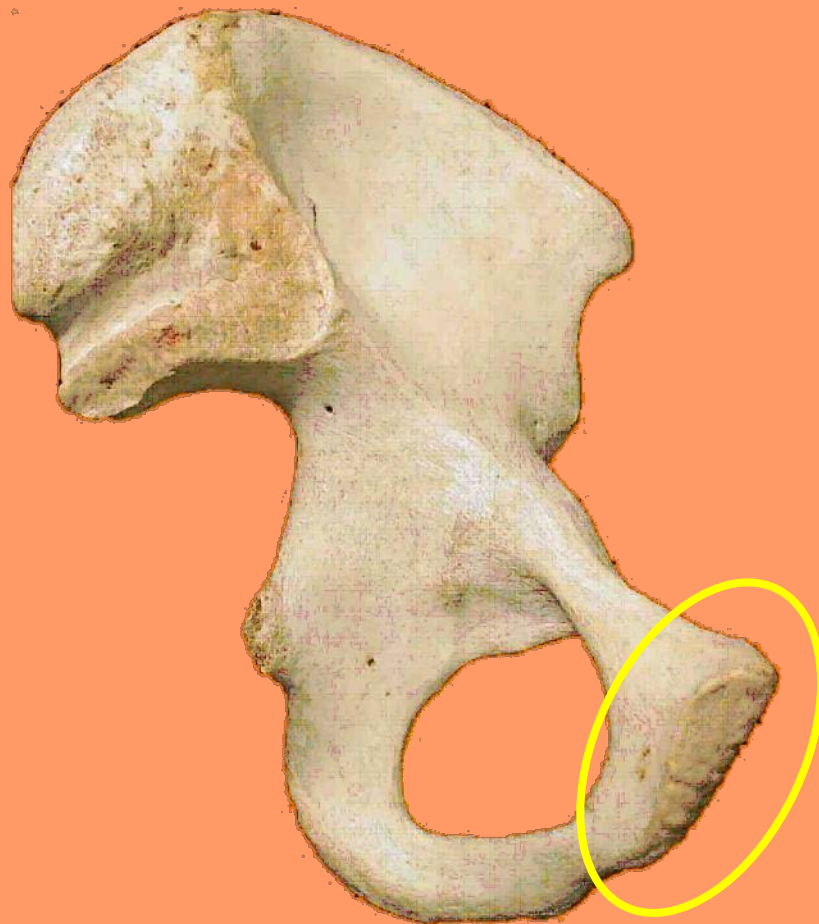
4
Punctuated
(obelion)



5
Obliterated
(pterion)



Pubic symphysis



Pubic Symphysis

Topography



Scoring Topography

Sharp
billowing

1



Soft, deep
billowing

2



F-I-1

Soft, shallow
billowing

3



M-III-1

Residual
billowing

4



M-V-1

Flat

5



F-12C

Irregular

6



M-13

Pubic Symphysis

Texture



Scoring Texture

Smooth
(fine grained)

1



M-I-1

Coarse
grained

2



M-V-1

Microporosity

3



F-III-1

Macroporosity

4



F-12C

Pubic Symphysis

Superior
protuberance



Scoring the superior protuberance

No
protuberance

1



F-I-1

Early
protuberance

2



M-I-2

Late
protuberance

3



M-III-1

Integrated

4



M-V-1

Pubic Symphysis



Ventral margin

Scoring the ventral margin

Serrated

1



F-I-1

Beveled

2



M-12

Rampart
formation

3



M-1B
(reversed
image)

Rampart
formation
I & II

4



F-IV-1

Rim

5



M-V-1

Breakdown

6



M-VI-2

Pubic Symphysis



Dorsal margin

Scoring the dorsal margin

Serrated
1



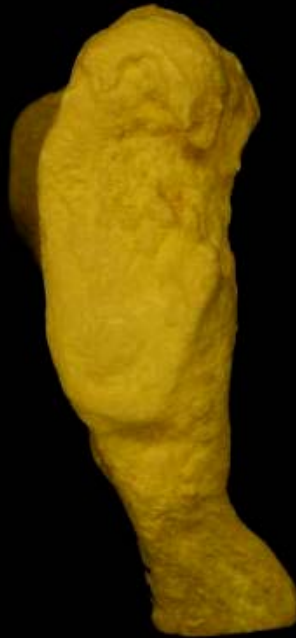
F-I-1

Flattening
incomplete
2



M-II-1

Flattening
complete
3



M-III-2

Rim
4



M-V-1

Breakdown
5



F-12C

Sacroiliac joint (Auricular area)



Sacroiliac joint

Superior demiface topography

Inferior demiface topography



Scoring superior and inferior demiface topography

1 Undulating

2 Median elevation

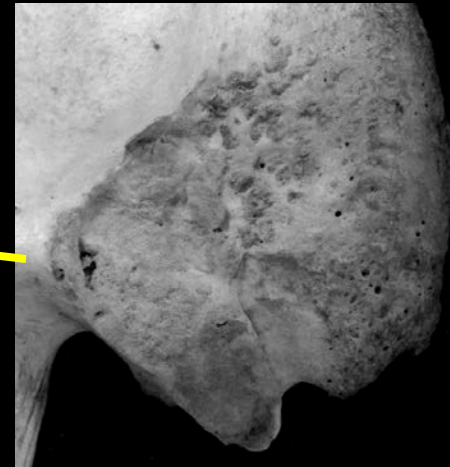
3 Flat to irregular



T-385
(image
reversed)



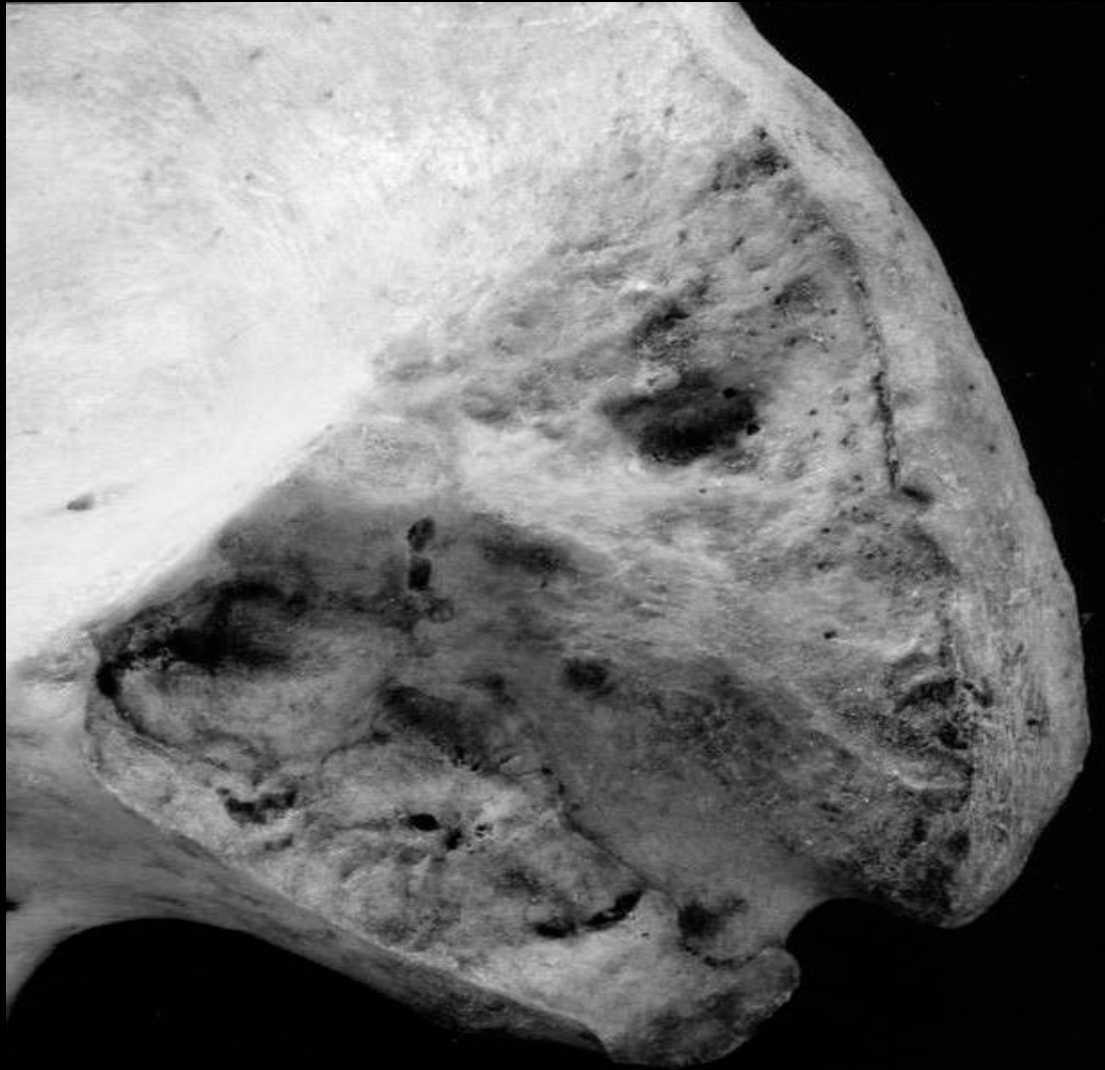
T-274
(image
reversed)



T-500

Scoring superior and inferior demiface topography

1: Undulating



T-385
(image reversed)

Scoring superior and inferior demiface topography

2. Median Elevation



T-274
(image reversed)

Scoring superior and inferior demiface topography

3: Flat to irregular

T-500

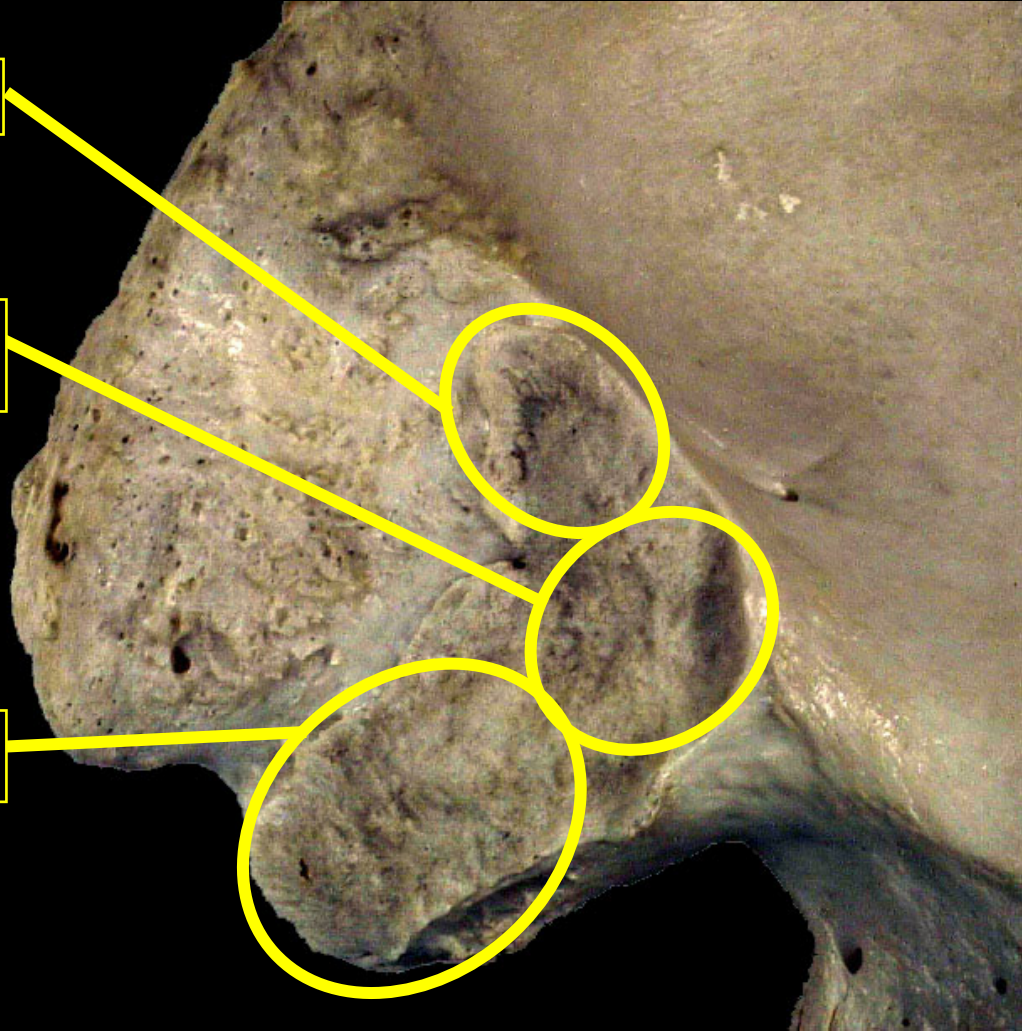


Sacroiliac joint

Superior surface characteristics

Apical (middle) surface characteristics

Inferior surface characteristics



Sacroiliac joint: Superior, apical (middle), and inferior surface characteristics

1: $>1/3$ covered by billows

Inferior portion

B-14-90



Sacroiliac joint: Superior, apical (middle), and inferior surface characteristics

2: 1/3-2/3 covered by billows

Apical (middle) portion



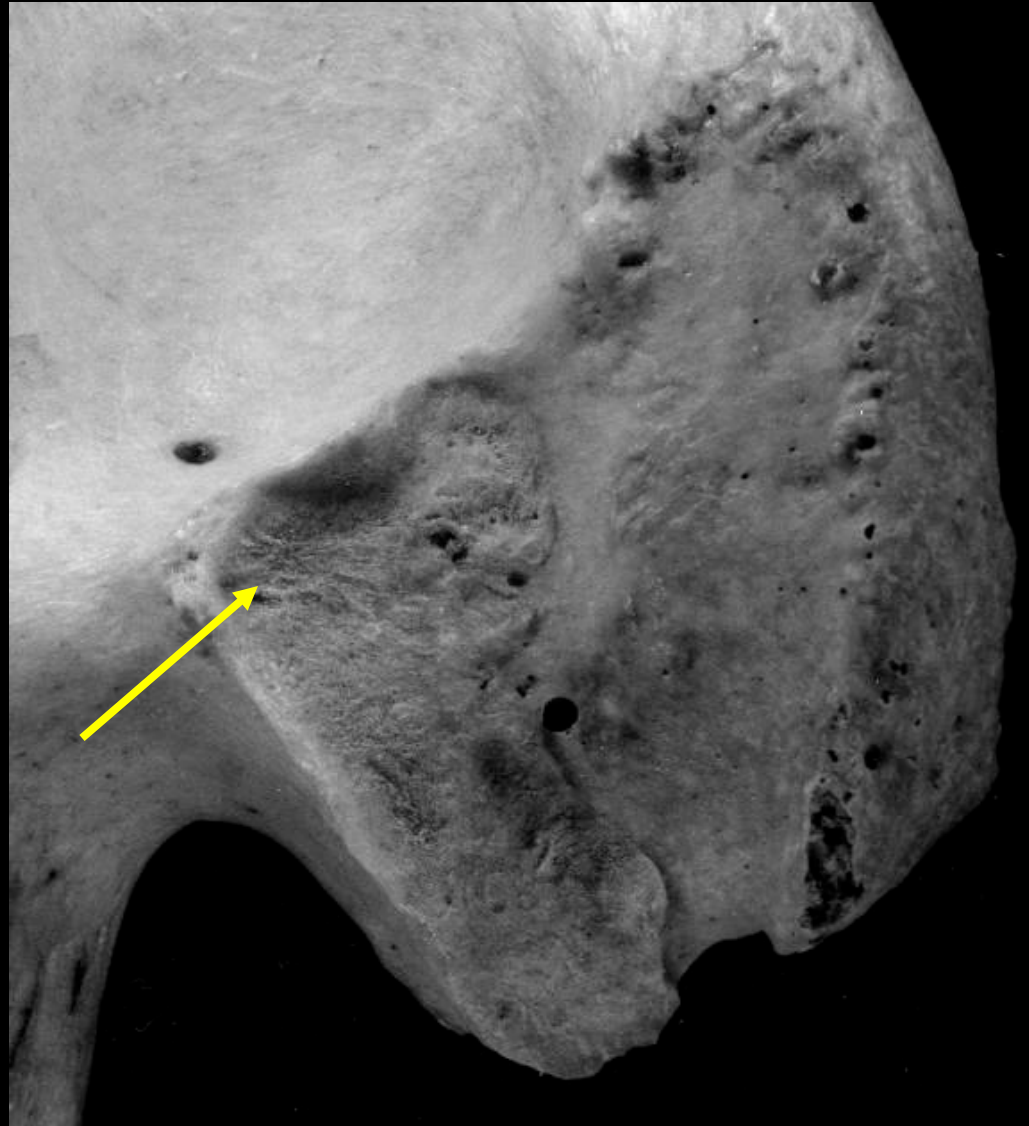
T-1023

Sacroiliac joint: Superior, apical (middle), and inferior surface characteristics

3: $< 1/3$ covered
by billows

Apical (middle) portion

T-862



Sacroiliac joint: Superior, apical (middle), and inferior surface characteristics

4: Flat (no billows)

Apical (middle) portion

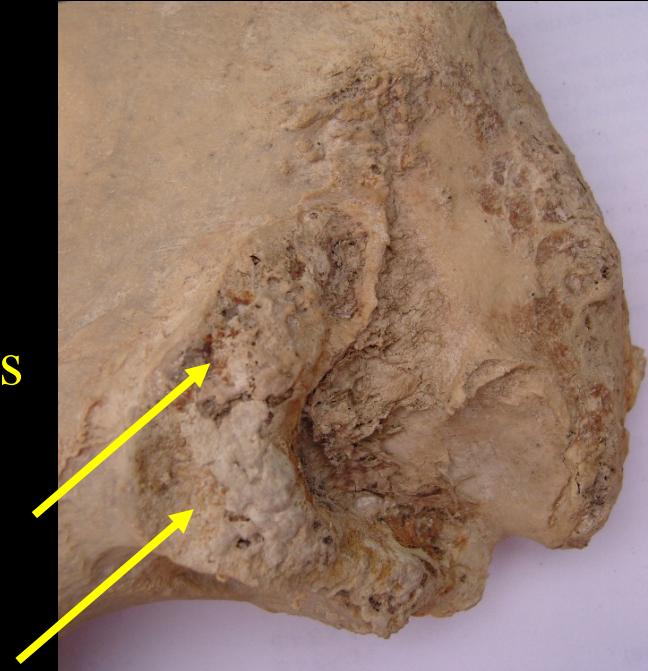


T-500

Sacroiliac joint: Superior, apical (middle), and inferior surface characteristics

5: Bumps

Superior and middle portions



P-5750
(image reversed)

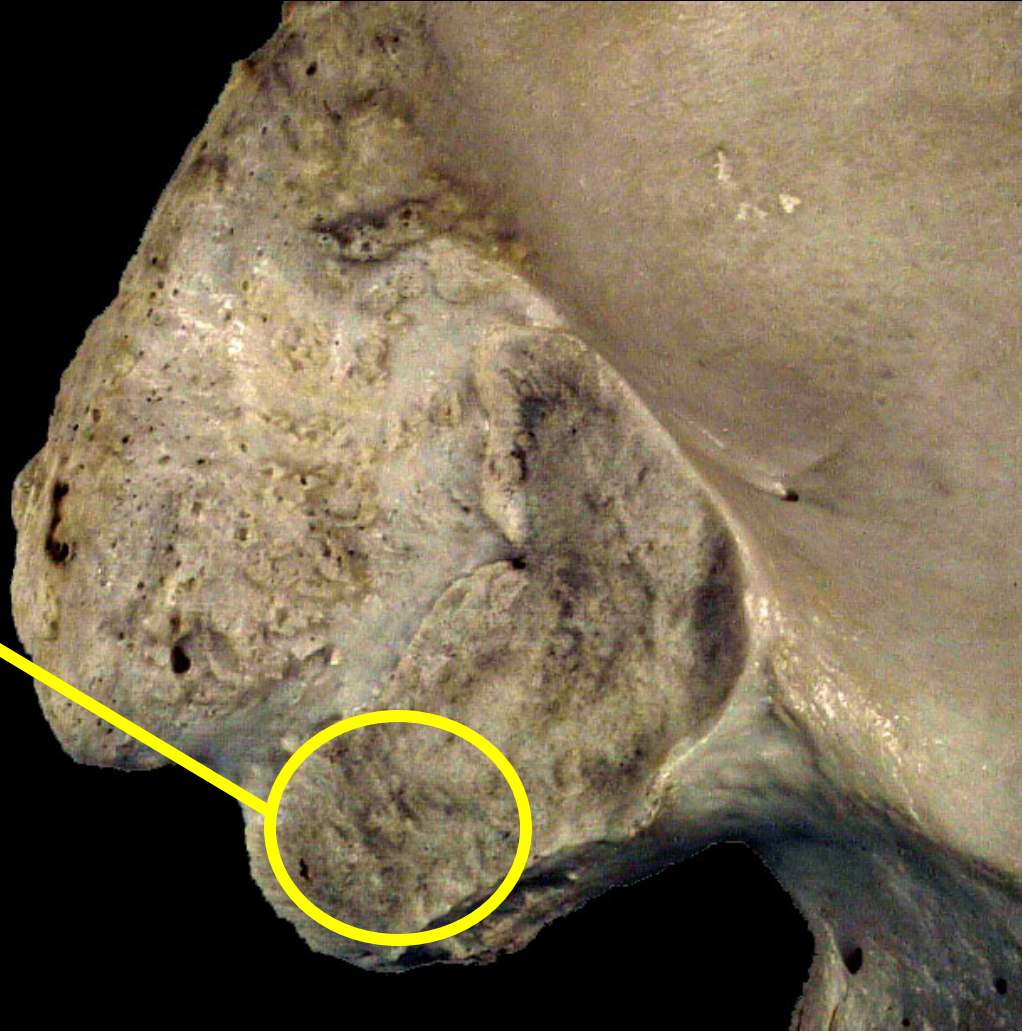
Superior portion



T-1103R
(image reversed)

Sacroiliac joint

Inferior surface texture

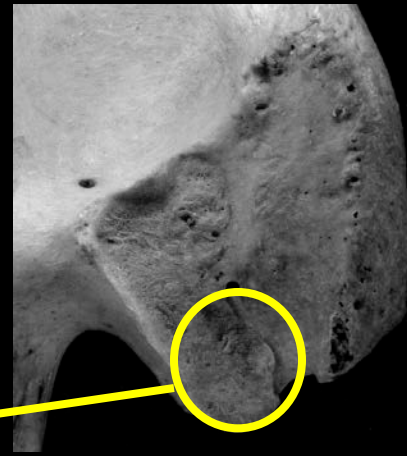


Sacroiliac joint: Inferior surface texture

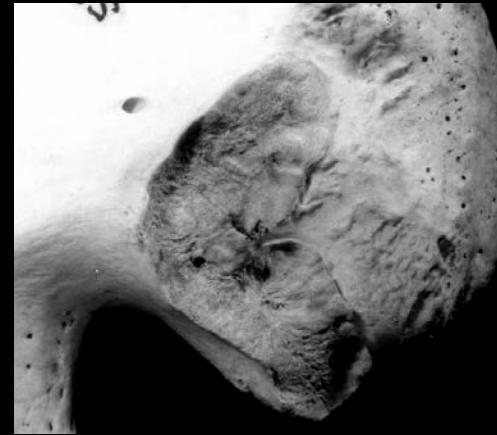
1 Smooth

2 Microporosity

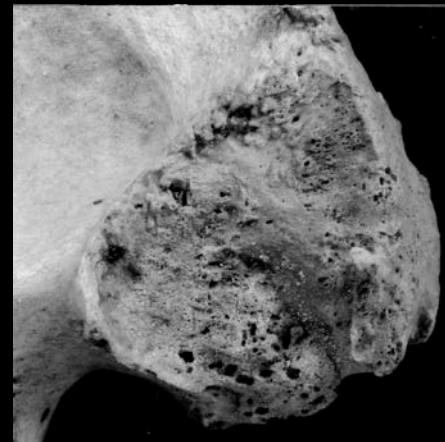
3 Macroporosity



T-862



T-269
(image
reversed)

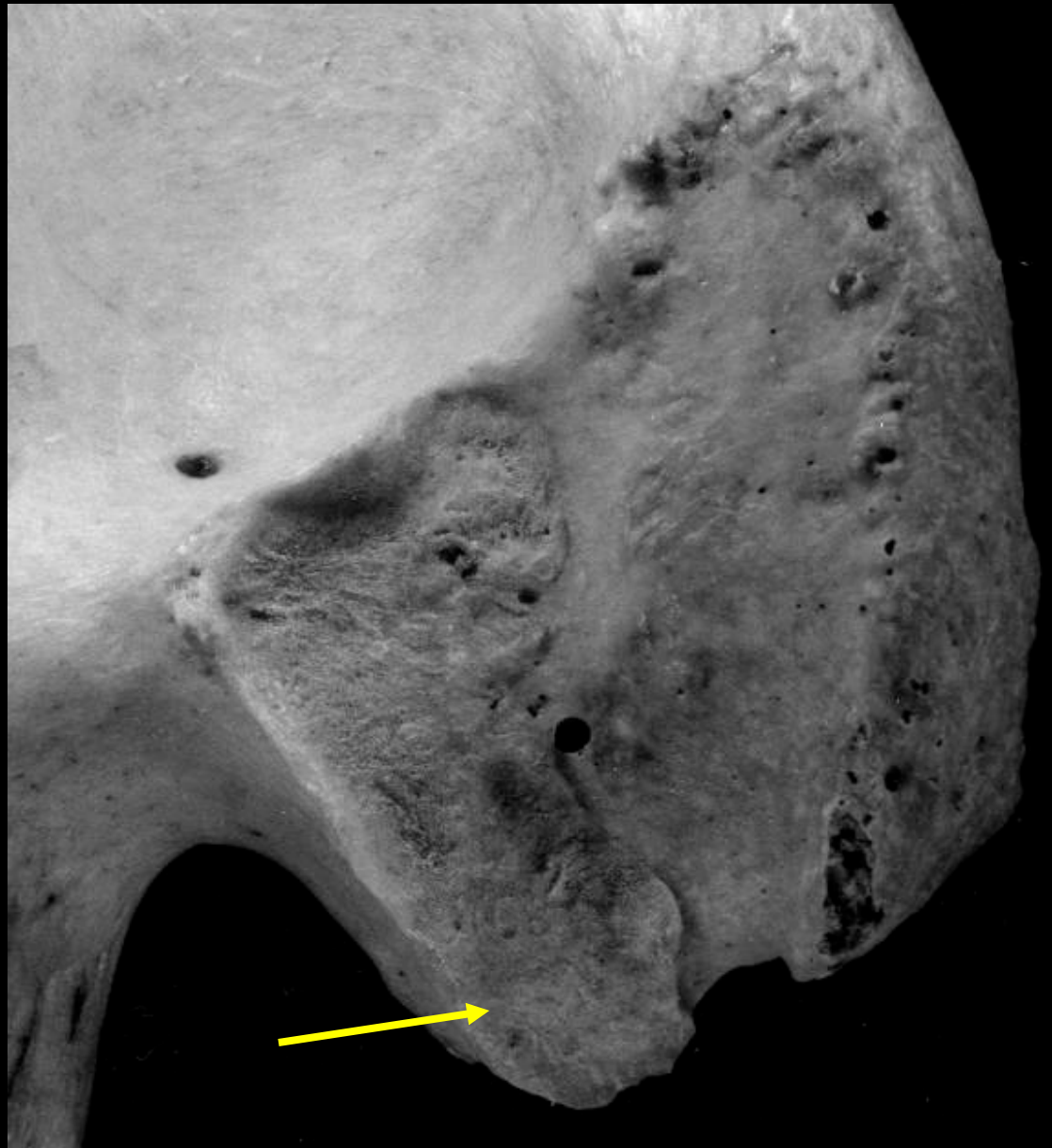


T-1394
(image
reversed)

Sacroiliac joint: Inferior surface texture

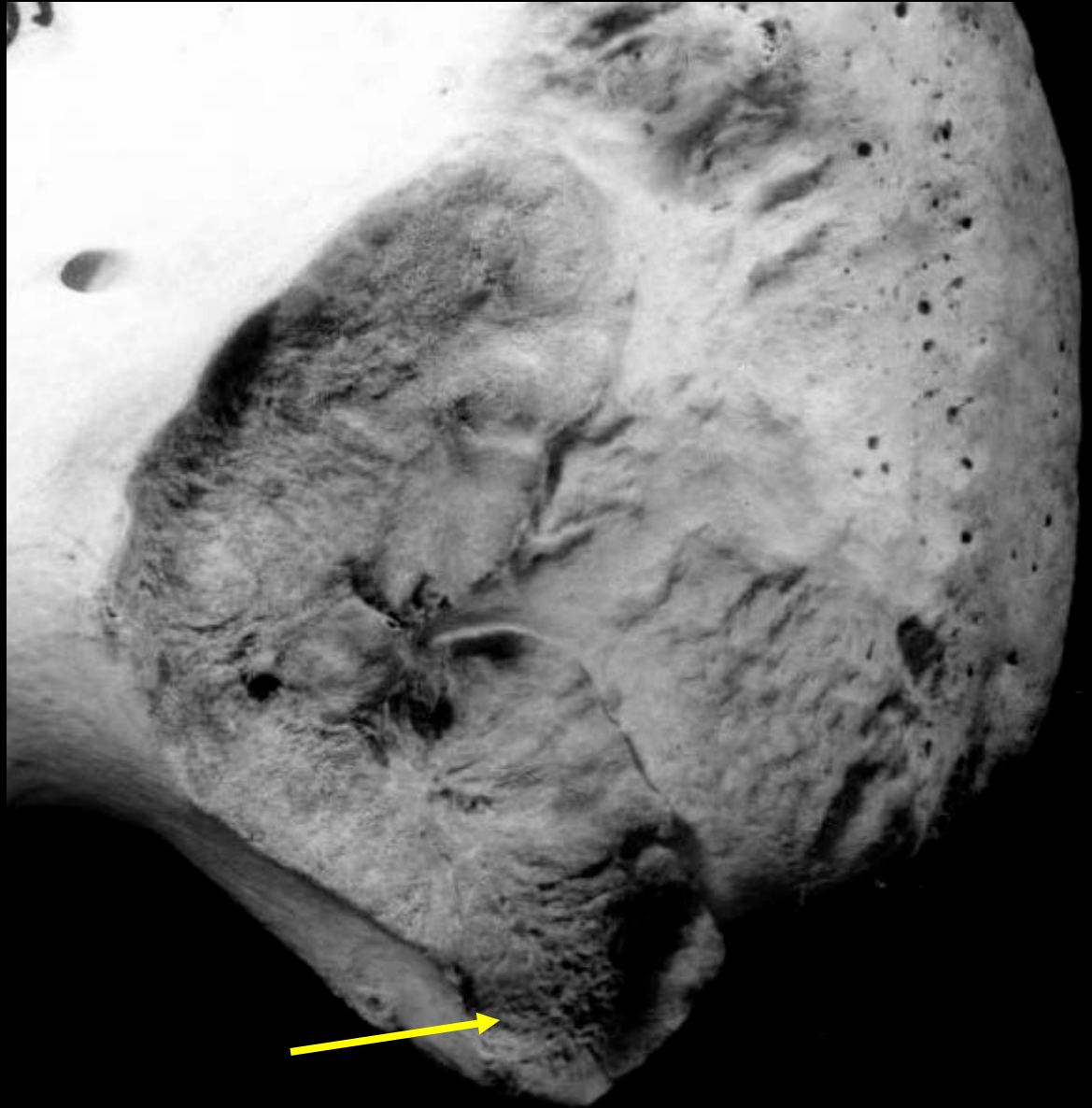
1: Smooth

T-862



Sacroiliac joint: Inferior surface texture

2: Microporosity

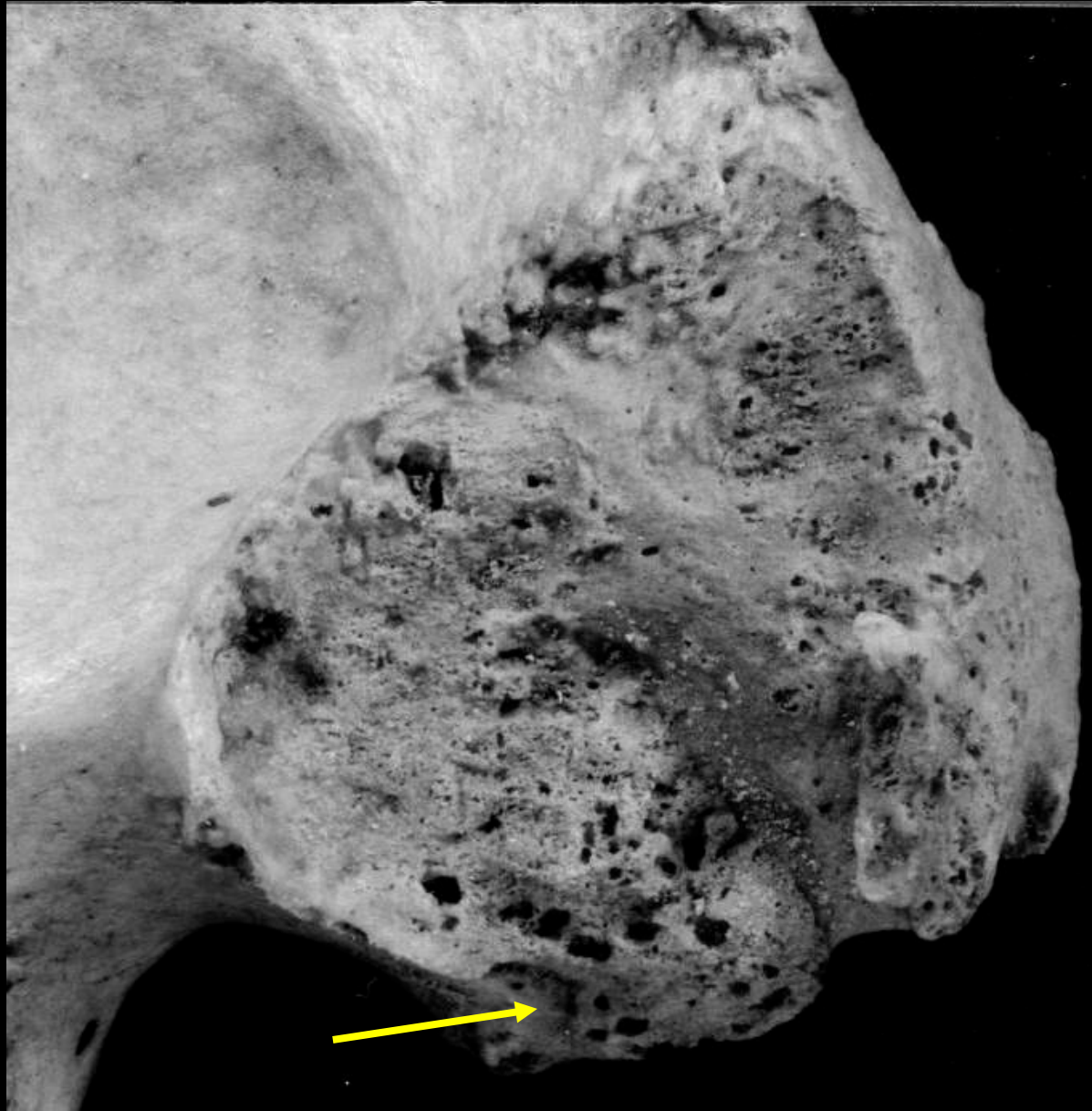


T-269
(image reversed)

Sacroiliac joint: Inferior surface texture

3: Macroporosity

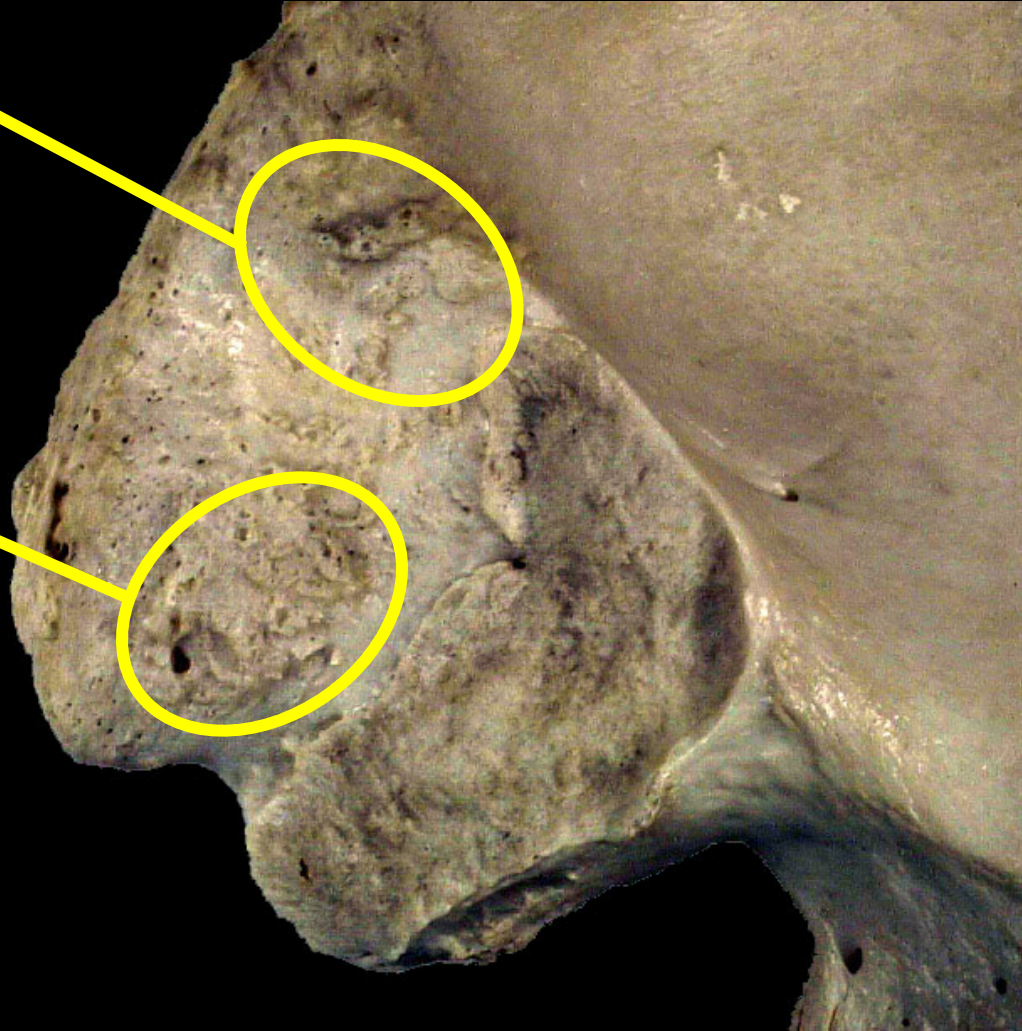
T-1394
(image reversed)



Retroauricular area

Superior posterior iliac exostoses

Inferior posterior iliac exostoses

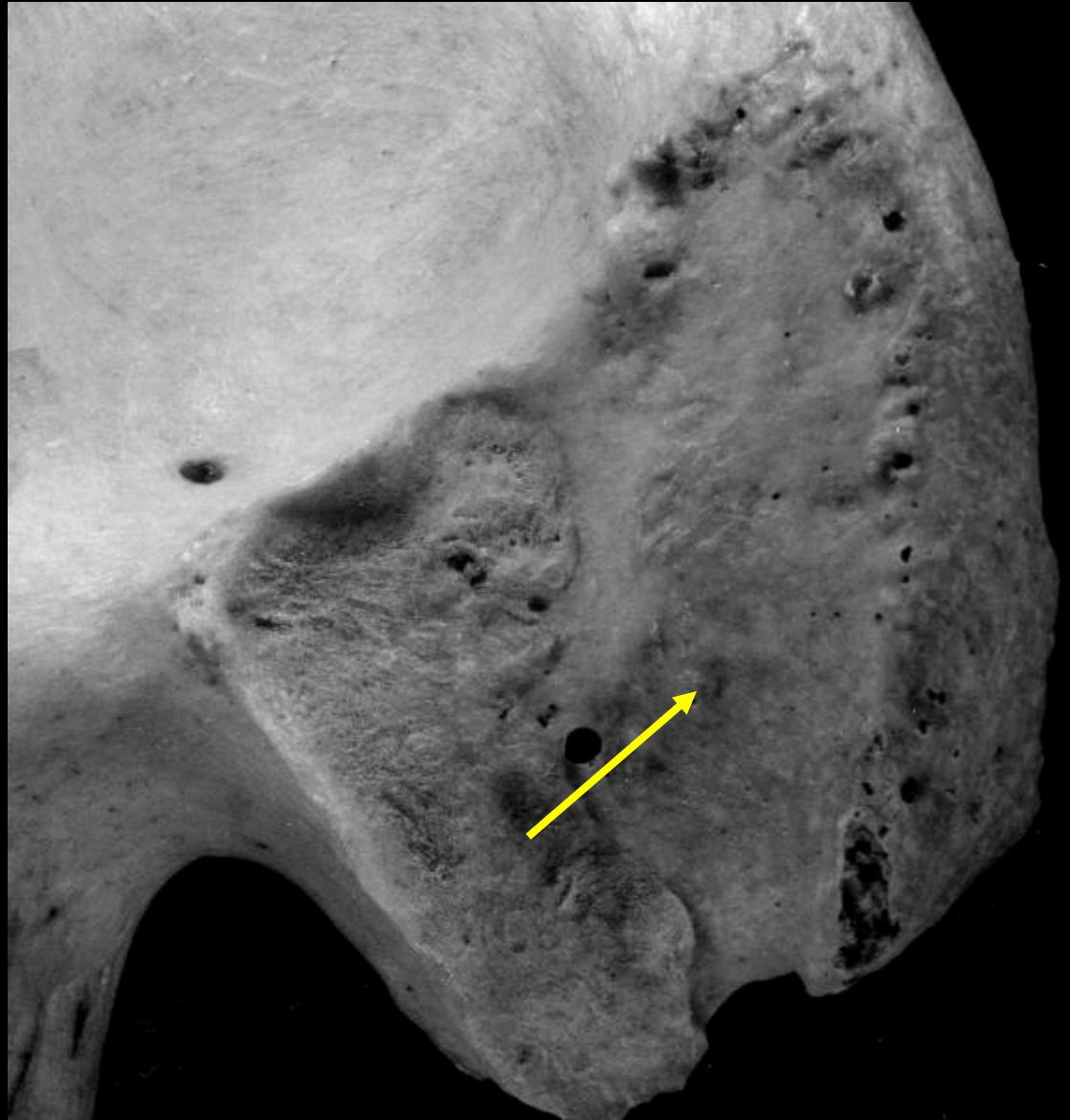


Retroauricular area: Superior and inferior posterior iliac exostoses

1: Smooth

Inferior exostoses

T-862



Retroauricular area: Superior and inferior posterior iliac exostoses

2: Rounded bony elevations

Superior exostoses

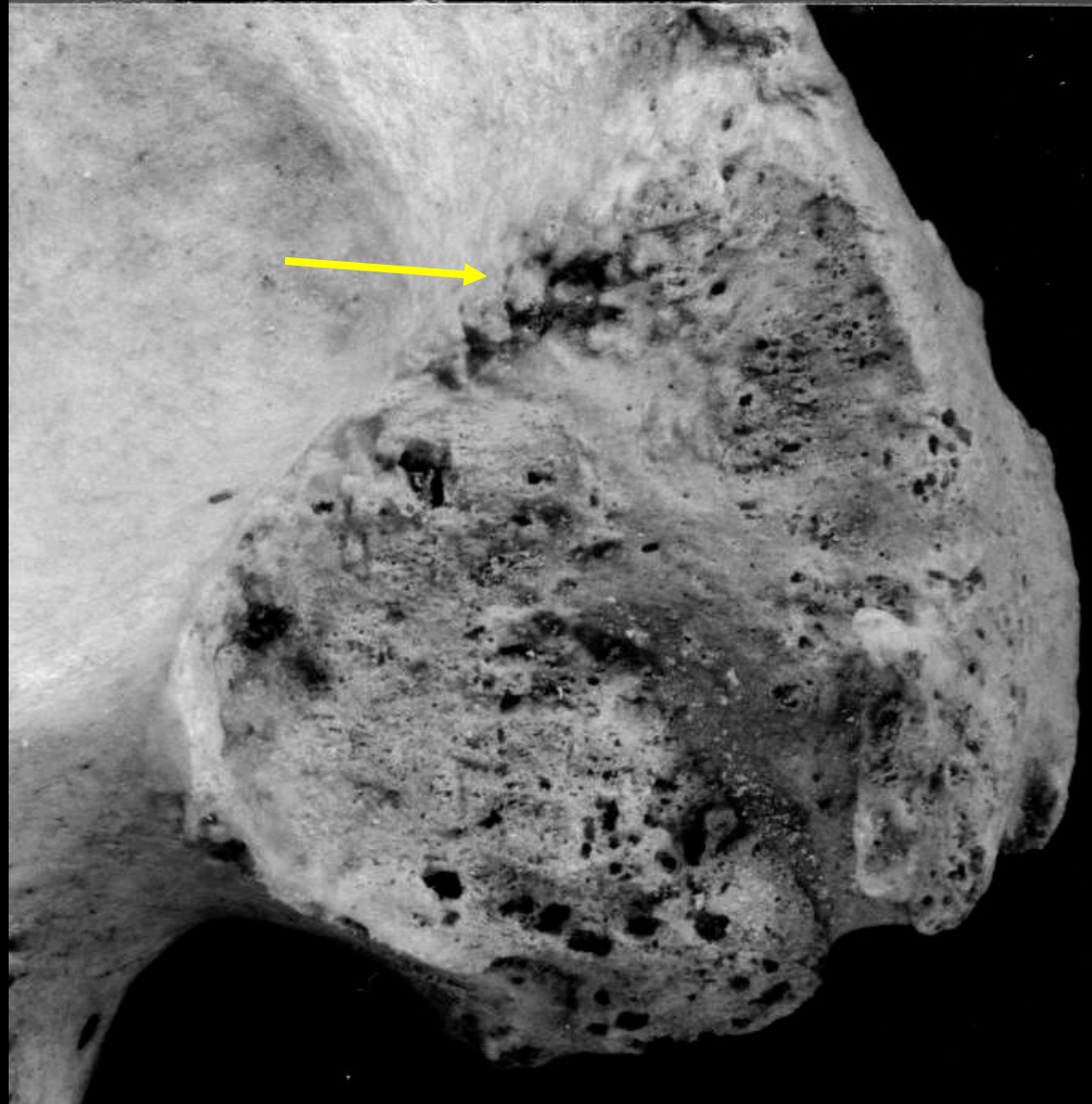
MU-7-55
(image reversed)



Retroauricular area: Superior and inferior posterior iliac exostoses

3:Pointed exostoses

Superior exostoses



T-1394
(image reversed)

Retroauricular area: Superior and inferior posterior iliac exostoses

5: Touching exostoses

Superior exostoses



P-5172

Retroauricular area: Superior and inferior posterior iliac exostoses

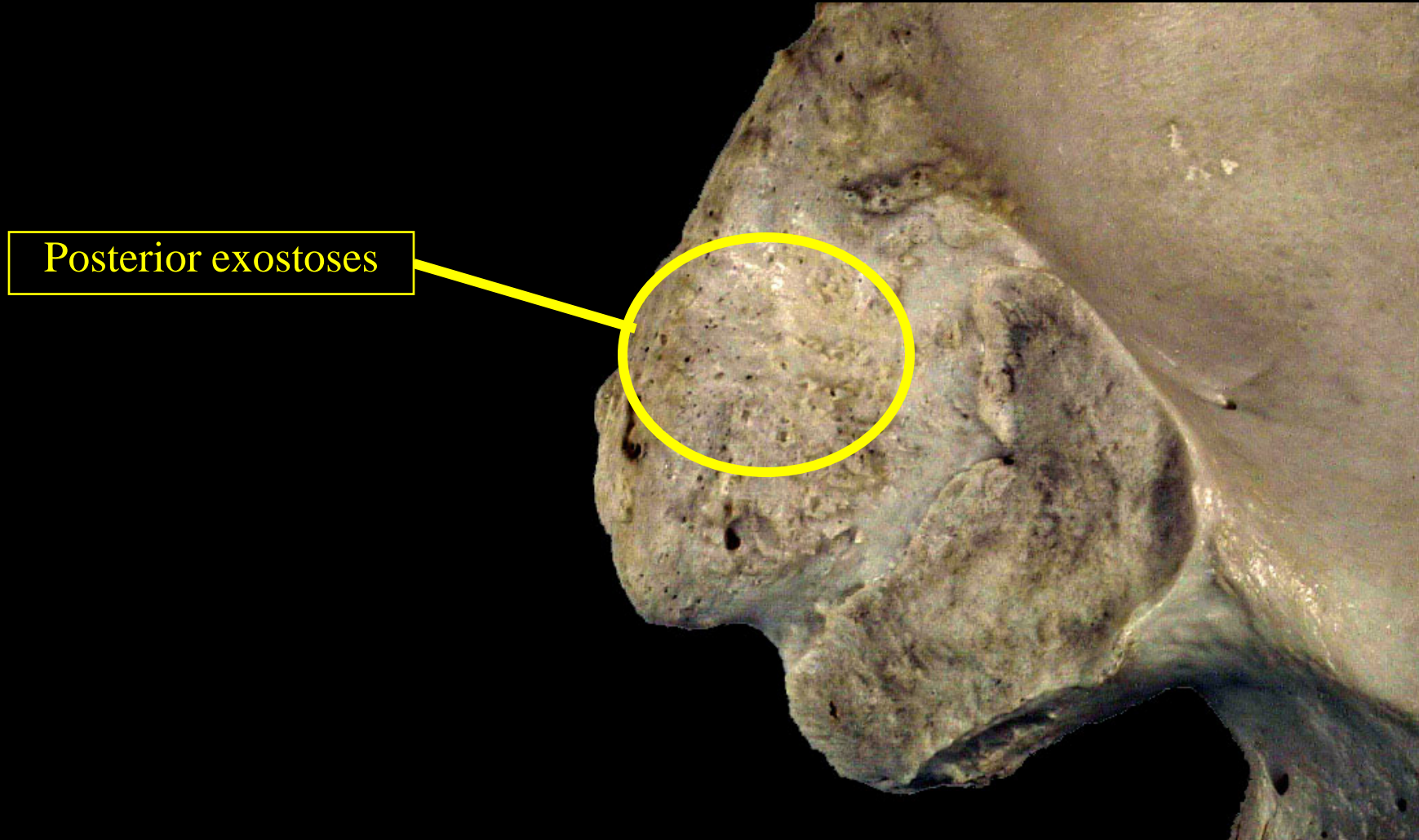
5: Touching exostoses

Inferior exostoses



P-6001

Retroauricular area: Posterior Exostoses

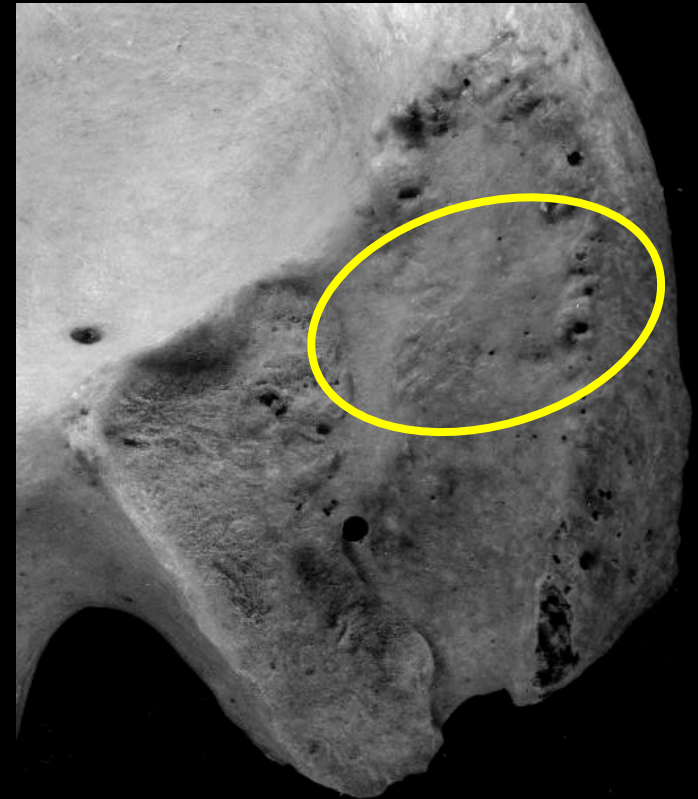


Retroauricular area: Posterior exostoses

1: Smooth
(including scattered exostoses)



T-500



T-862

Retroauricular area: Posterior exostoses

2: Rounded exostoses

Pointed have same
continuous coverage

P-6001

