





**Pubic Arch in males  
is small**



**Pubic Arch in  
females is large**

**Male**  
**Robust**

Supraorbital  
Ridges

Extreme

slight

**Female**  
**Gracile**

Sharp Orbital  
Border

Pronounced  
Muscle  
Attachments

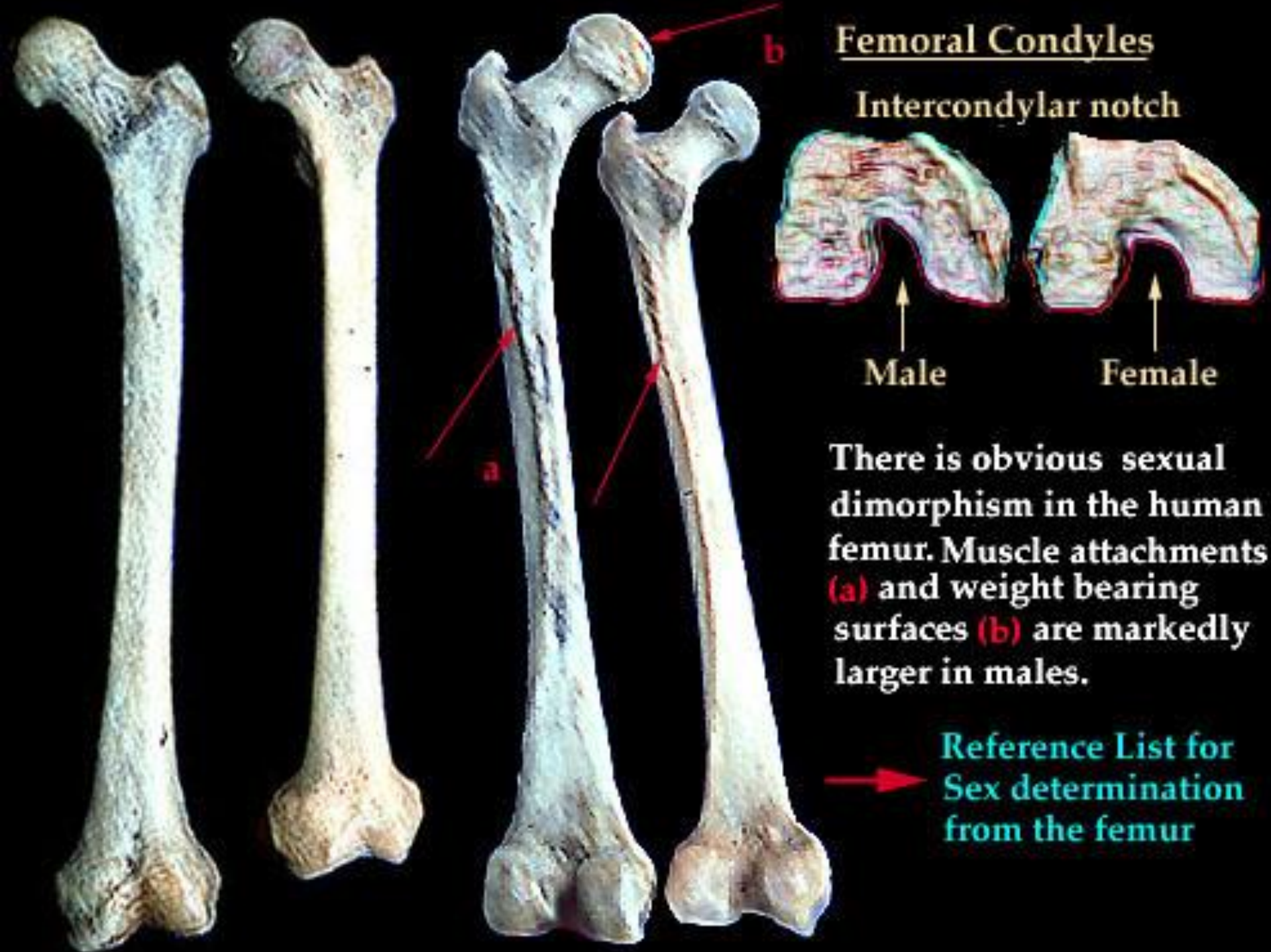
Large  
Canines

Square Chin

Round Chin







0-5 years

Calvarium



**5 years**



**Sutures open**

**Mandible fused**



**Neonate**

**Metopic Suture**



**Mandible unfused**







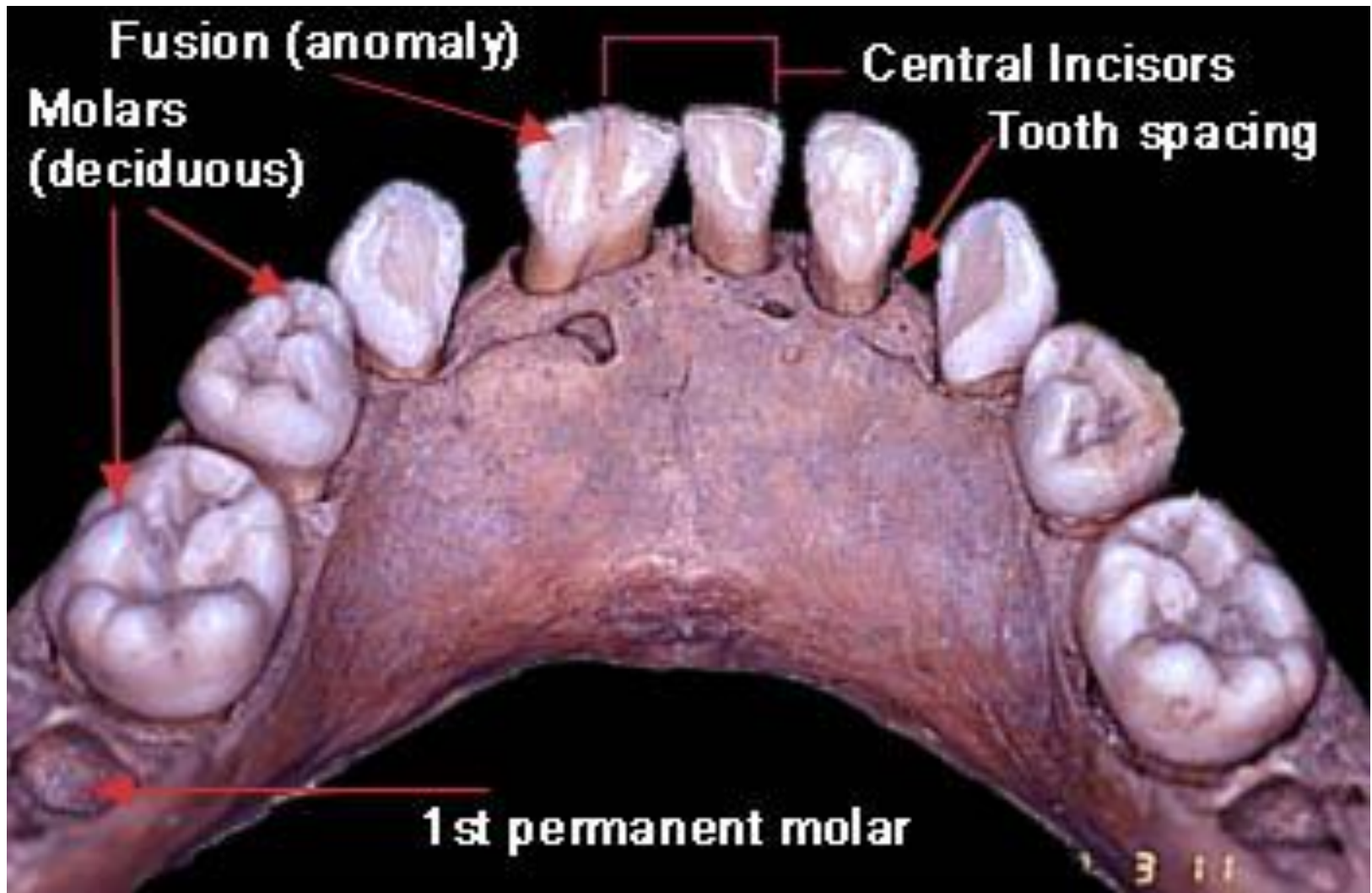
**Sutures open**



**Sutures obliterated**



# 0-5 years





5 years



30+ years



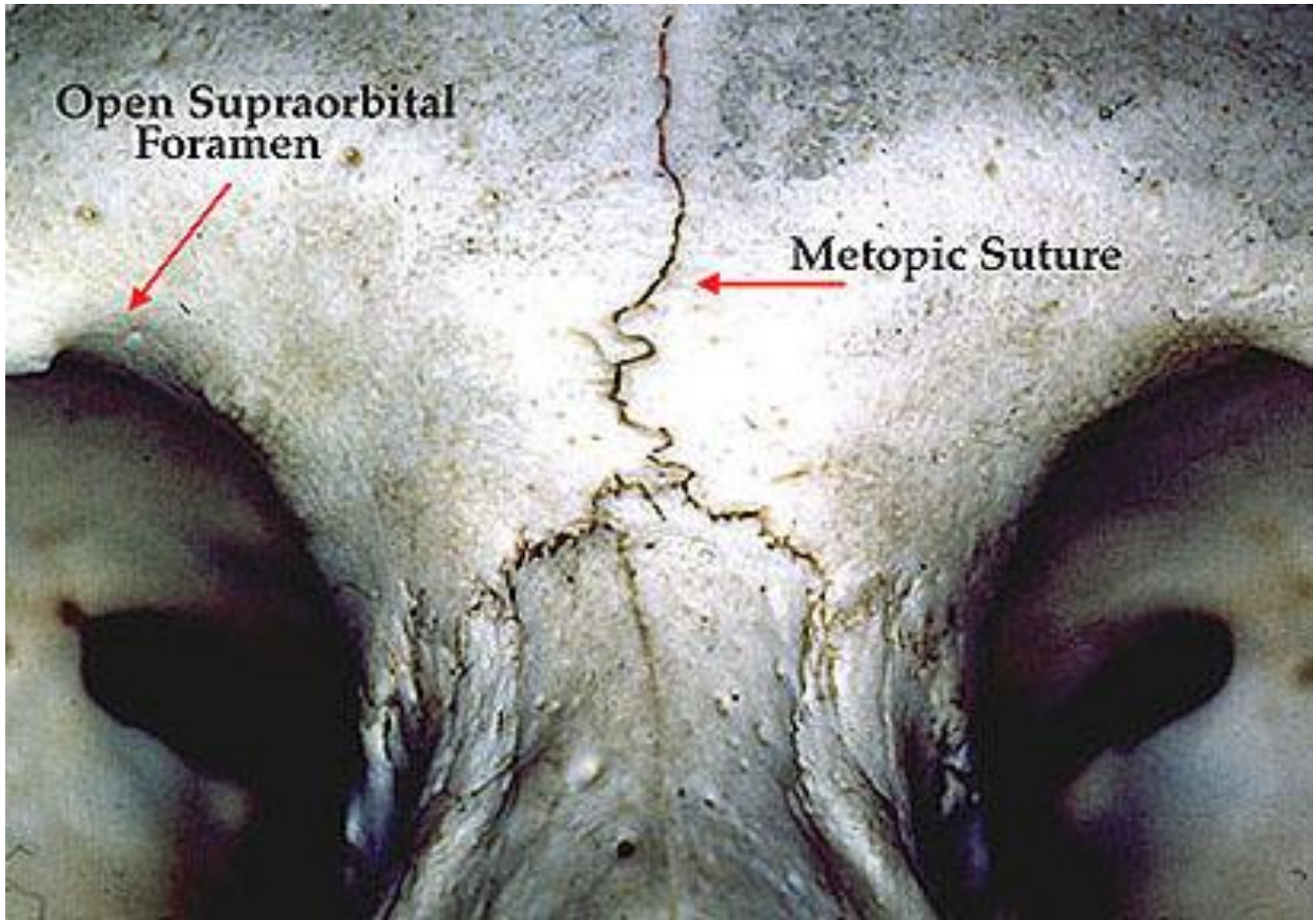
5 years

60+ years





- The metopic suture is generally a Caucasian trait. This suture is present in the fetus as the cranial bones are forming.

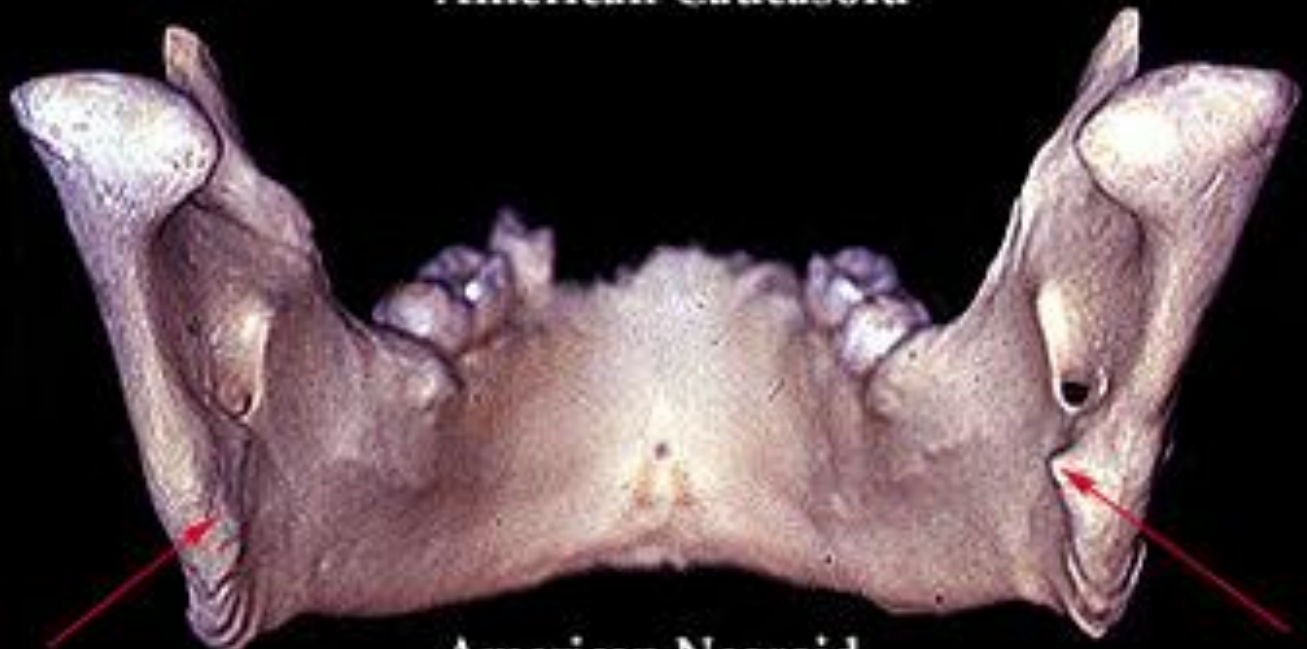




- These two mandibles are compared for the extent of ramus inversion. Negroids exhibit moderate to pronounced inversion in the area midway up the posterior edge of the ramus. Caucasoids and Mongoloids show little or no inversion.

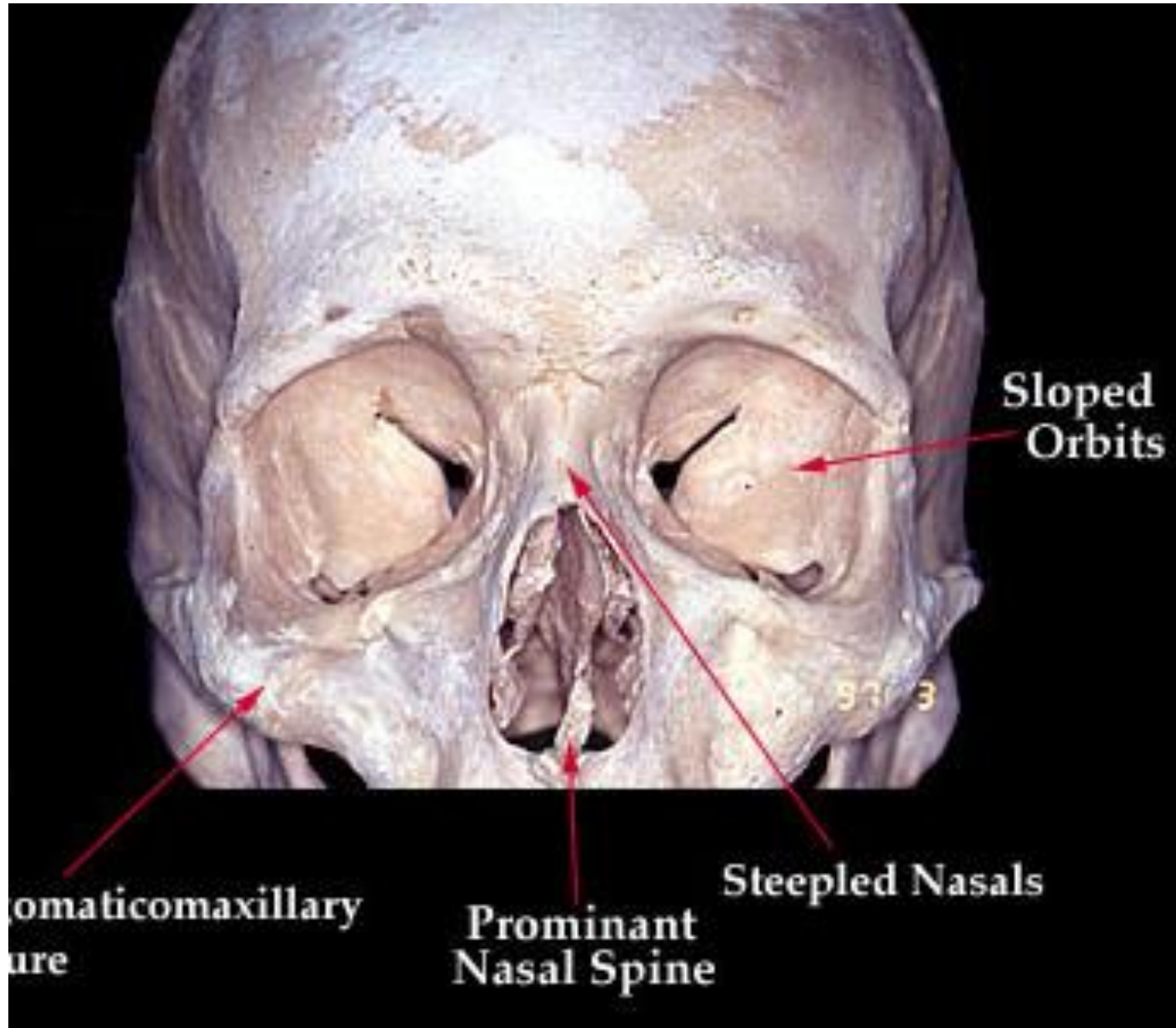


American Caucasoid



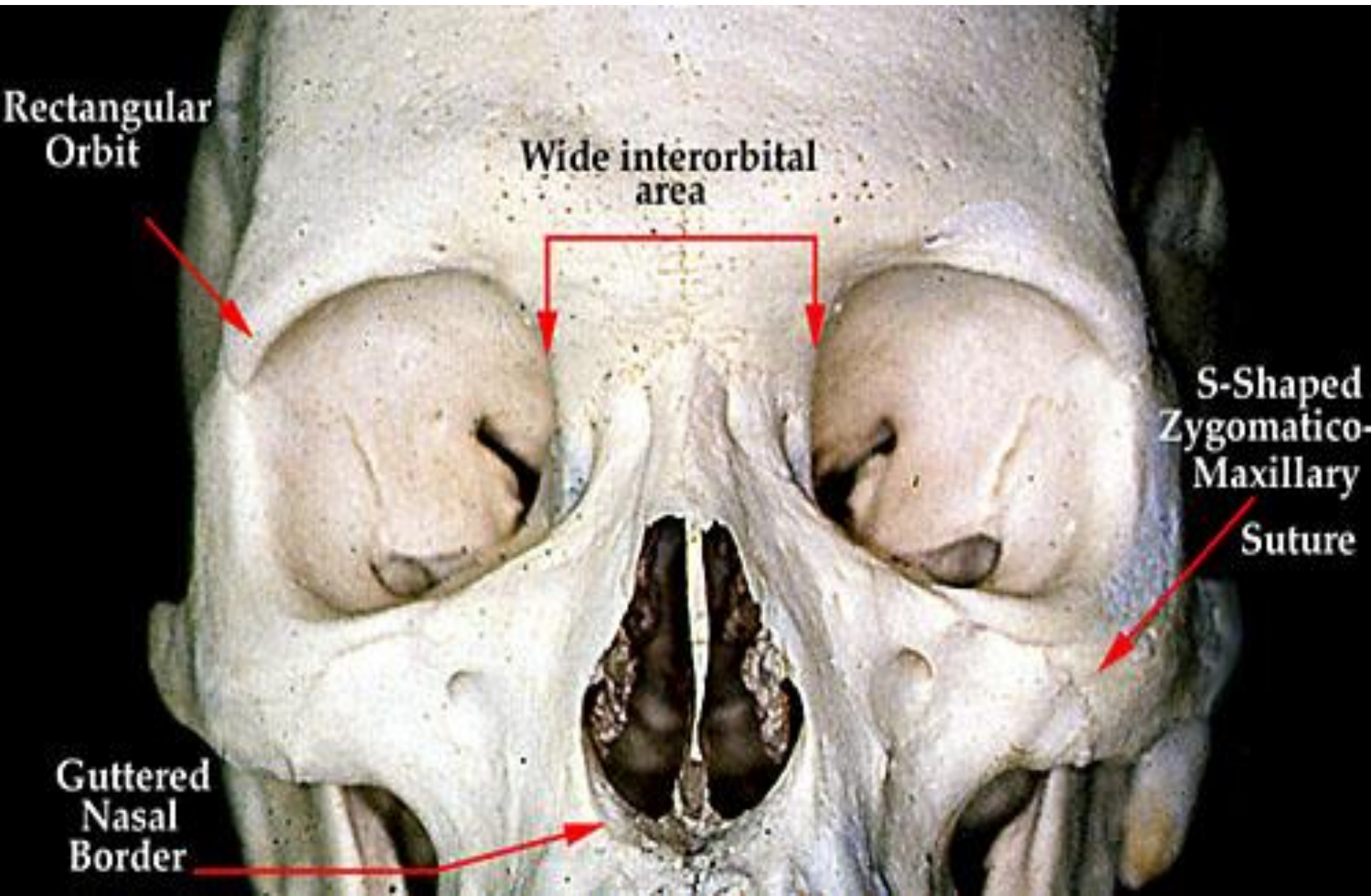
American Negroid

# Caucasian Skull





# Negroid skull





Inward slant is characteristic of entrance wounds



Entrance





Exit  
wound

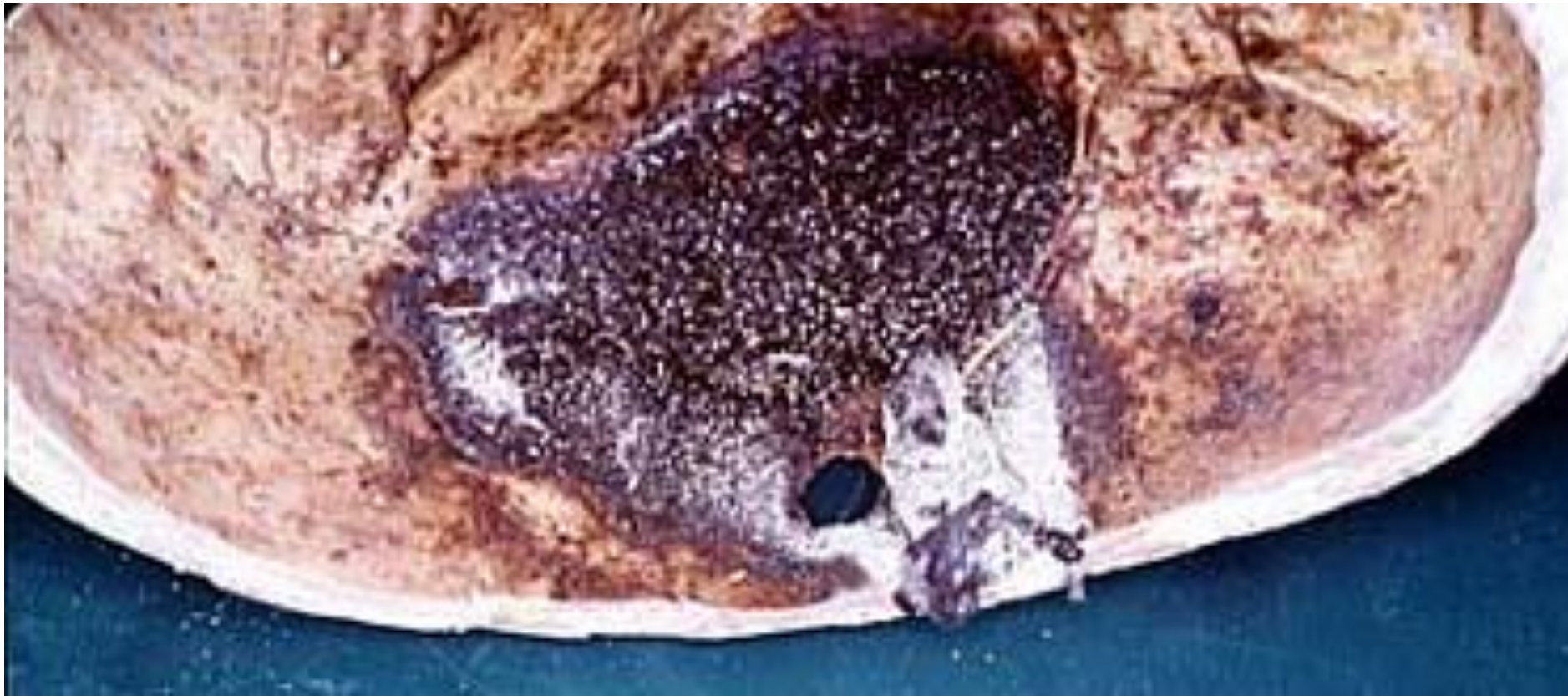




Arrow pointing to entrance, the exit is closest



Close range gunshot leaves  
powder burns



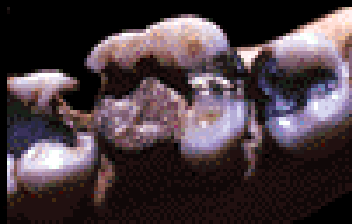


Copper stain (b)



# Identity Determination

## Determining Identity from the Individual



**Forensic  
Odontology**



**Markers of  
Occupational  
Stress**



**Personal  
Effects**



**Antemortem  
Injuries/  
Illnesses**



# 1d. Identity Determination



- This individual was identified when it was found that the amalgam found in her dental work came from only a handful of places along east coast.

