



Appendicular Skeleton Bones and Landmarks

Figure 7.25b The pectoral girdle and clavicle.

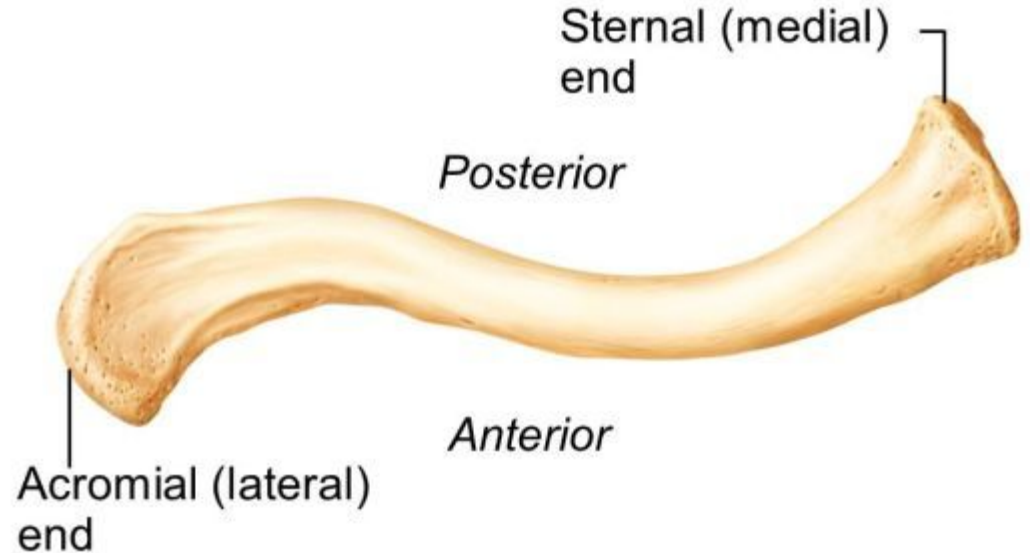
Clavicle

Landmarks to Know:

Medial (Sternal) End

- Closer to the middle of the body

Acromial (Lateral) End

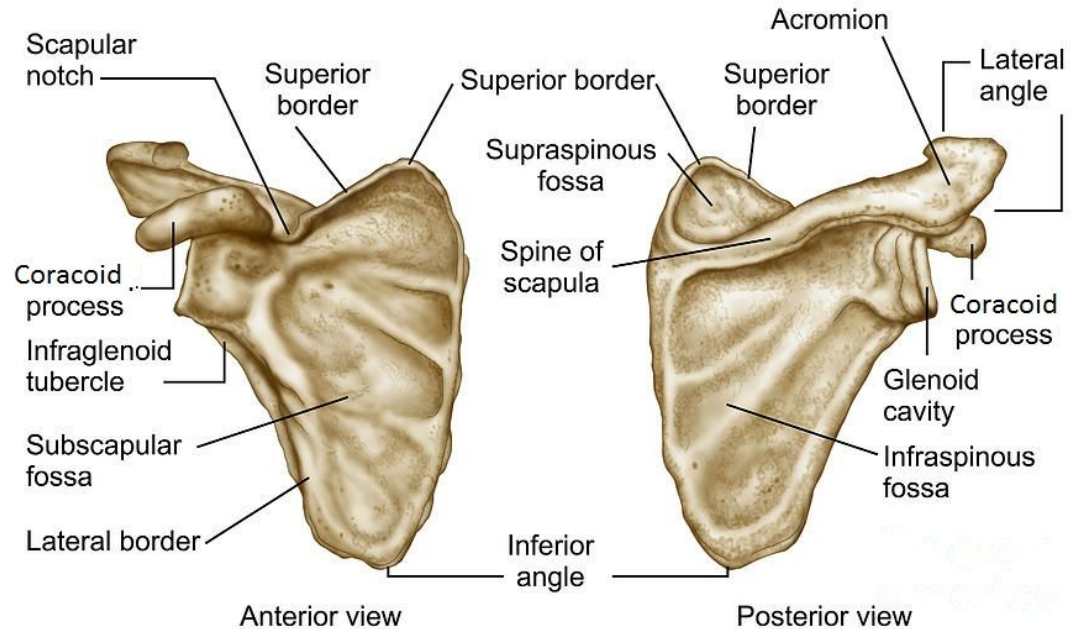


(b) Right clavicle, superior view

Scapula (Shoulder Blade, Irregular Bone)

Landmarks to Know:

Superior Border	Medial Border
Lateral Border	Superior Border
Inferior Border	Lateral Angle
Subscapular Fossa	Spine
Acromion	Glenoid fossa/ cavity
Infraglenoid Tubercle	Supraglenoid Tubercle
Infraspinous Fossa	Supraspinous Fossa
Coronoid Process	



Humerus (funny bone, long bone)

Landmarks to know:

Head

Greater Tubercle

Lesser Tubercle

Intertubular Sulcus

Deltoid Tuberosity

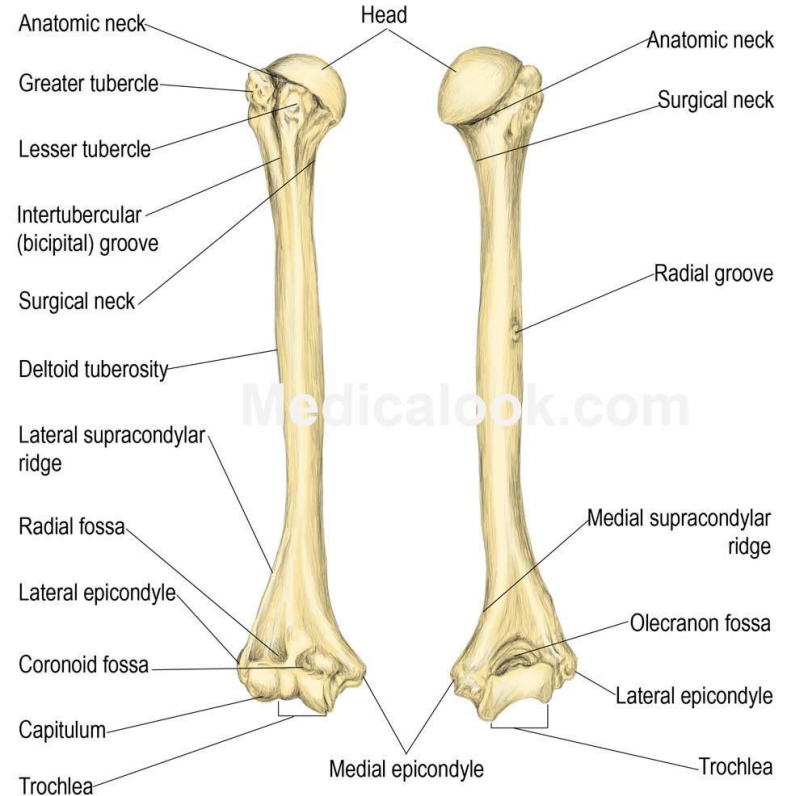
Trochlea

Capitulum

Medial Epicondyle

Lateral Epicondyle

Olecranon Fossa



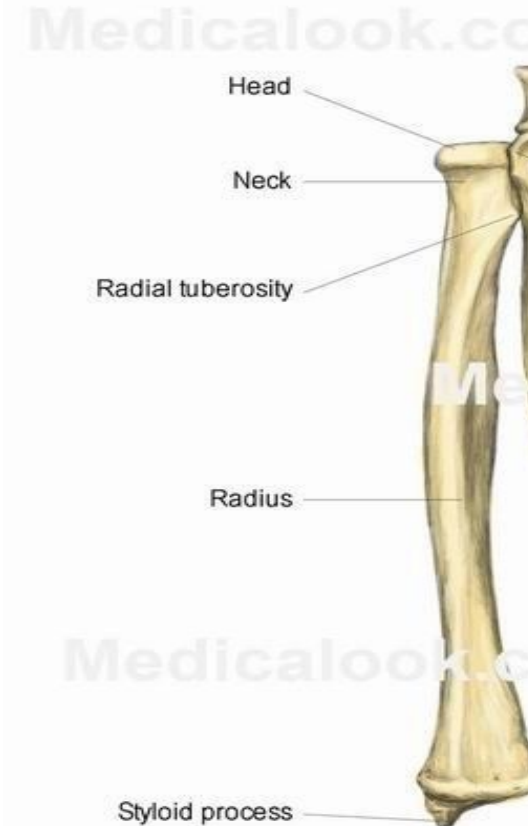
Radius

Landmarks To Know:

Head

Radial Tuberosity

Styloid Process



Ulna

Landmarks to Know:

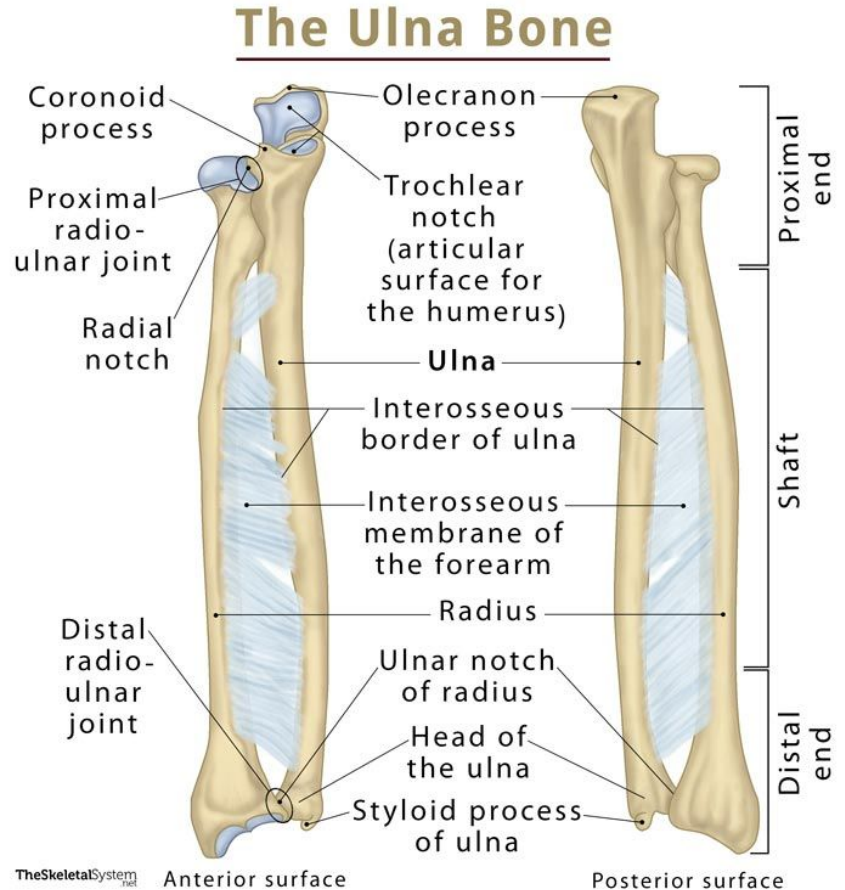
Coronoid Process

Olecranon Process

Trochlear Notch

Radial Notch

Styloid Process

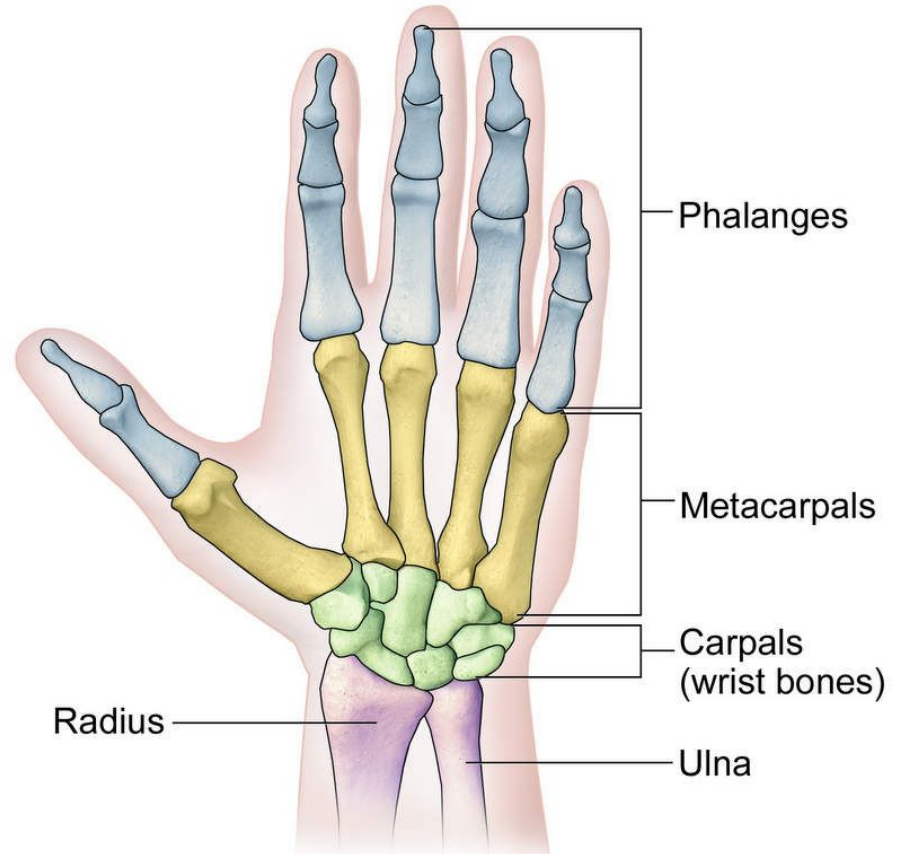


Carpals, Metacarpals, and Phalanges

Carpals: Short bones, condyloid, make up the wrist

Metacarpals: long bones

Phalanges: long bones, make up the fingers



Hand and Wrist Bones

Femur

Landmarks to Know:

Head

Greater Trochanter

Lesser Trochanter

Intertrochanteric Line

Linea Aspera

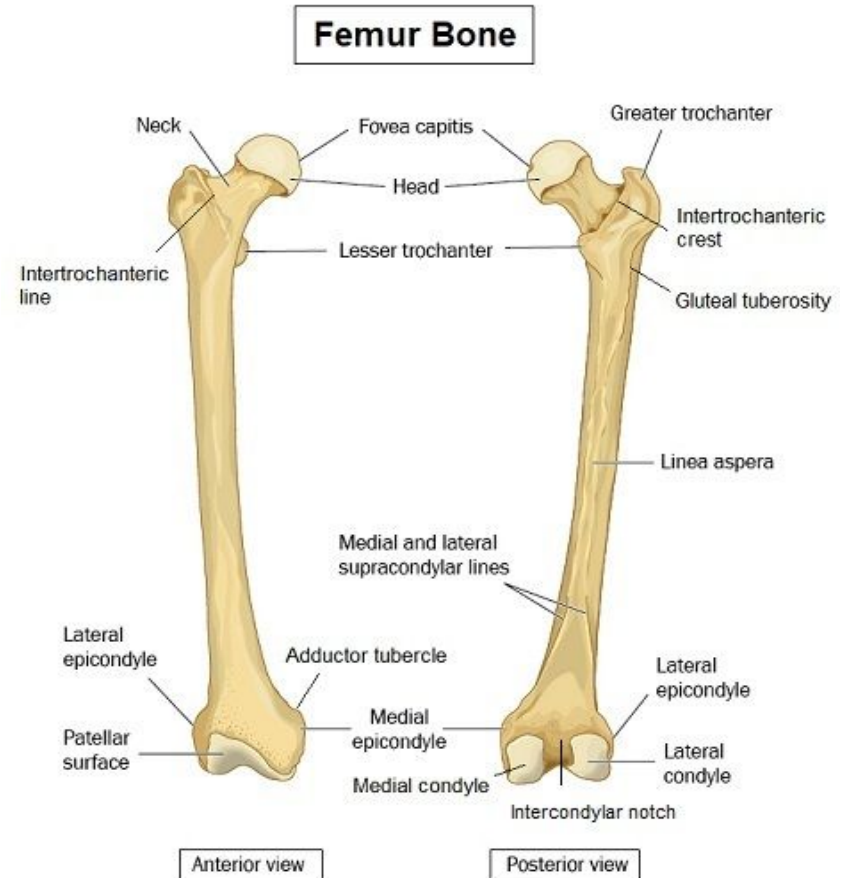
Medial Condyle

Medial Epicondyle

Gluteal Tuberosity

Lateral Condyle

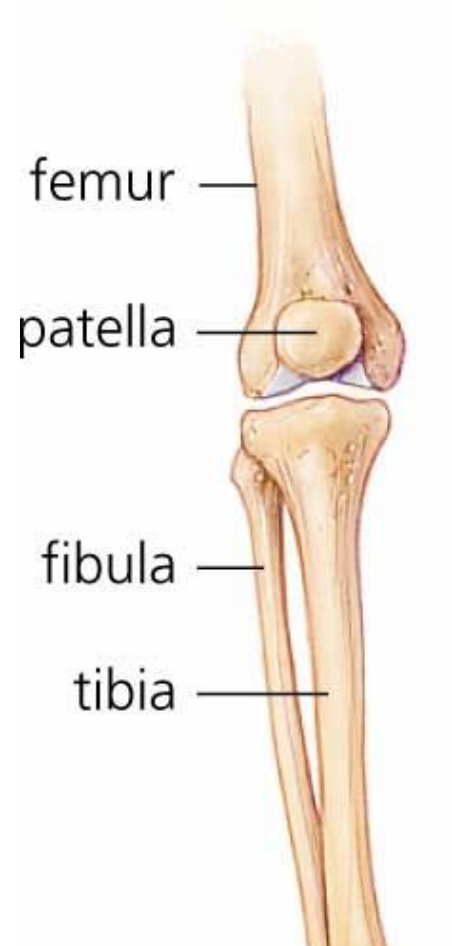
Lateral Epicondyle



Patella

Small round bone

Sesamoid



Tibia

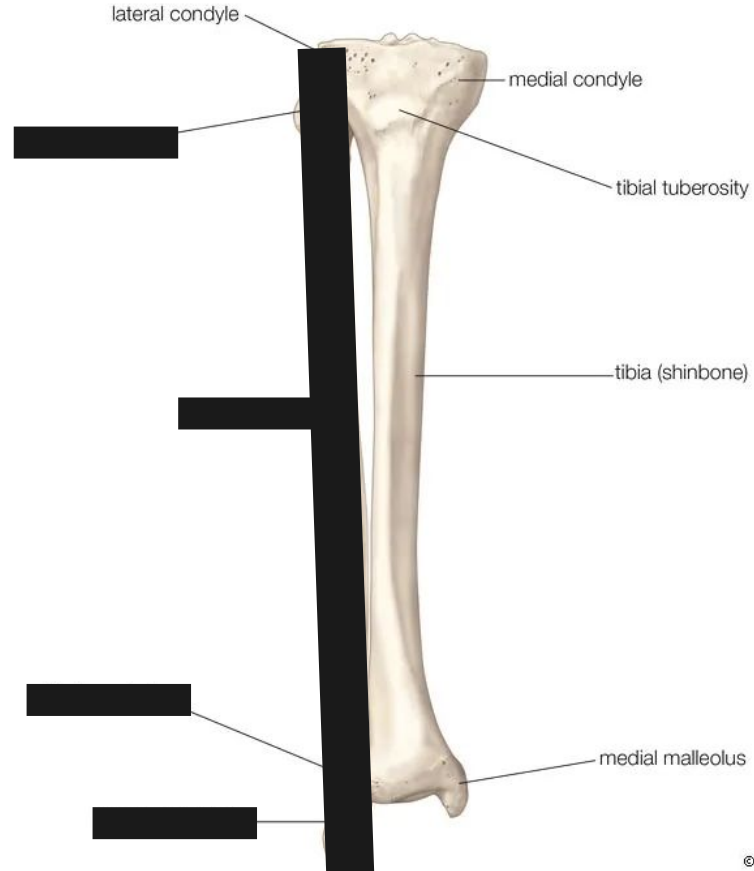
Landmarks to Know:

Lateral Condyle

Medial Condyle

Tibial Tuberosity

Medial Malleolus

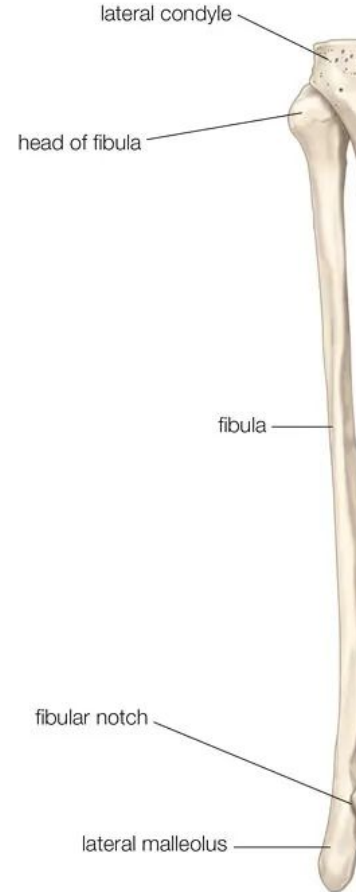


Fibula

Landmarks to Know:

Head

Lateral Malleolus



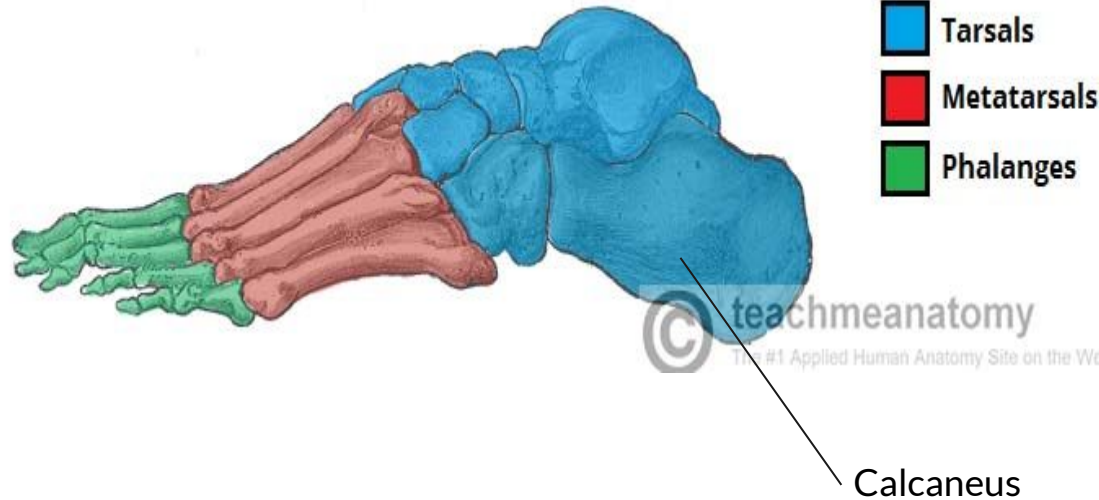
Tarsals, Metatarsals, and Phalanges

Tarsals: Shorts Bones

- Calcaneus: makes up the heel, back of foot

Metatarsals: Bones on main part of foot, long bones

Phalanges: Ones that stick out, toes



OS Coxae- hip bones

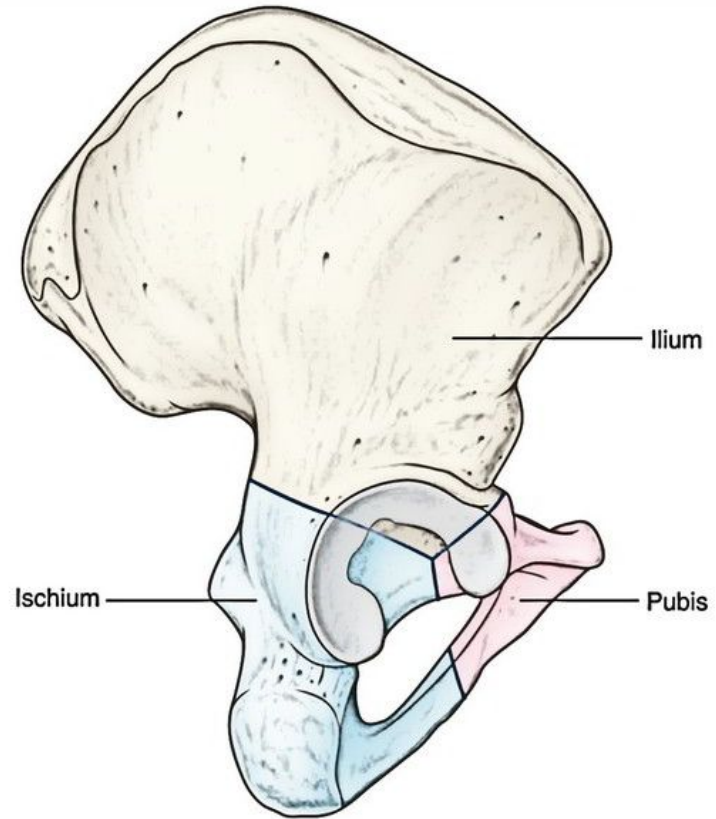
Landmarks to Know:

Acetabulum: cavity located inside the ilium and ischium

Ilium: Top

Ischium: Bottom

Pubis: Irregular Bone



Ilium, Ischium, Pubis

Landmarks to Know:

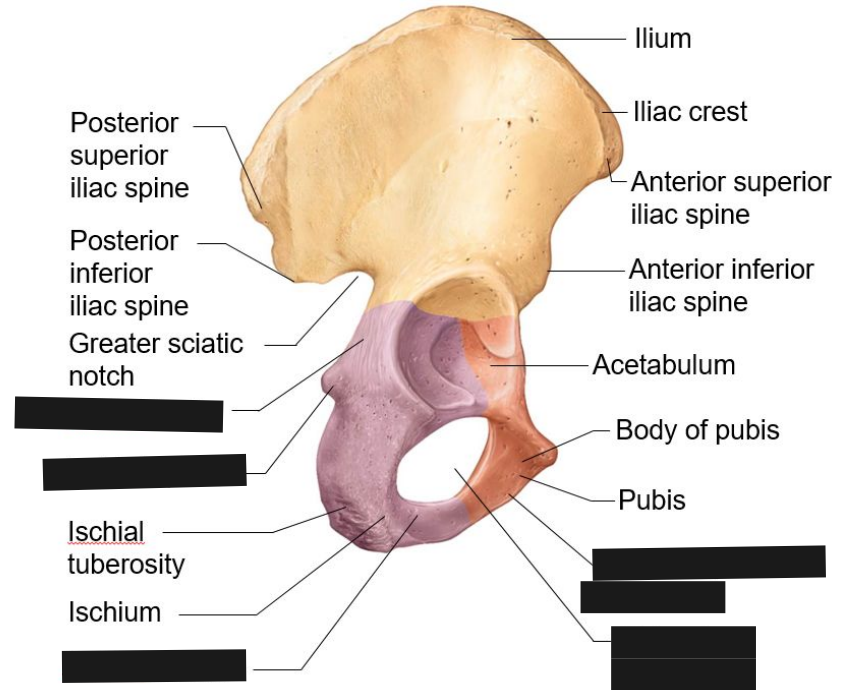
Ilium:

- Greater Sciatic Notch
- Iliac Crest
- Anterior, Inferior Iliac Spine

Ischium

- Ischial Tuberosity

Pubis



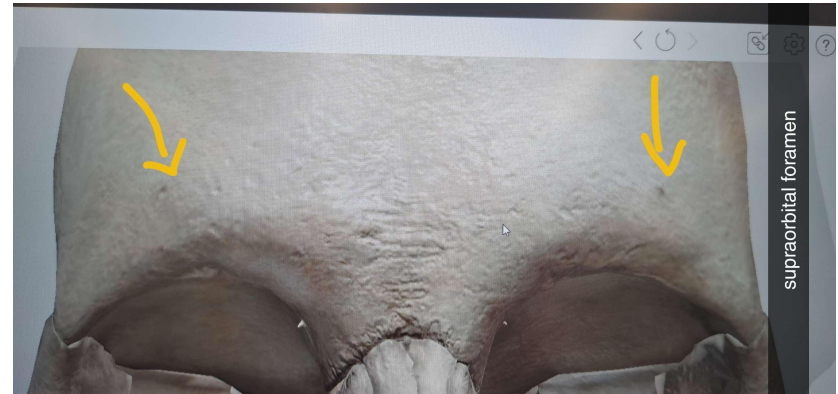


Skull Bones and Landmarks

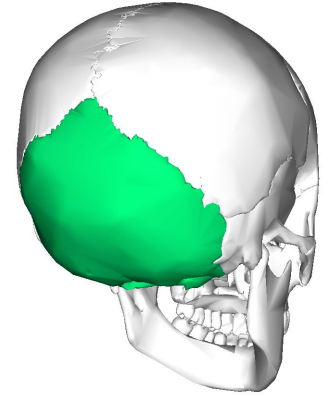
Frontal Bone- Forehead

Landmarks to
Know:

Supraorbital
Foramen: Small
holes that are right
above eyes



Occipital Bone- Back of the head

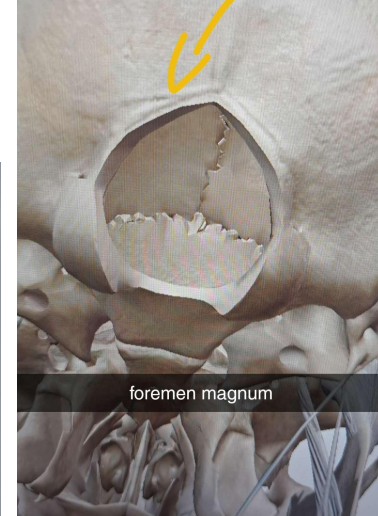
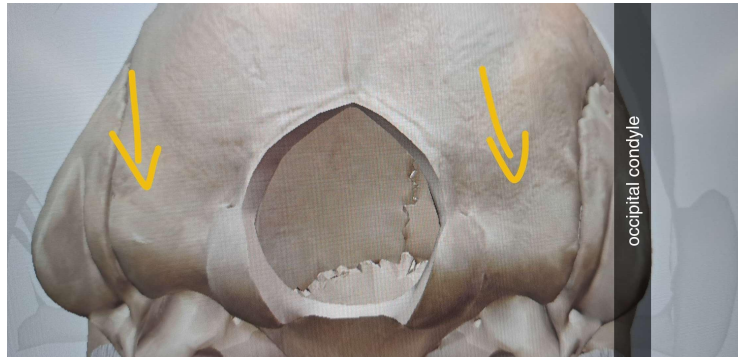
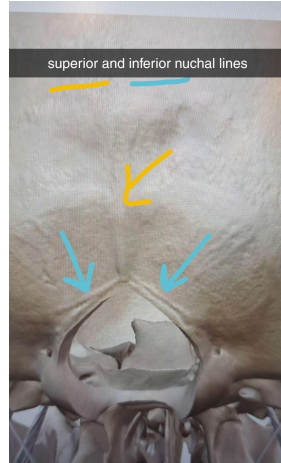


Landmarks to Know:

Foramen Magnum: Large opening where the brain and spinal cord meet

Occipital Condyle

Superior and Inferior Nuchal Lines



Temporal Bone- On either side of the head (L or R)

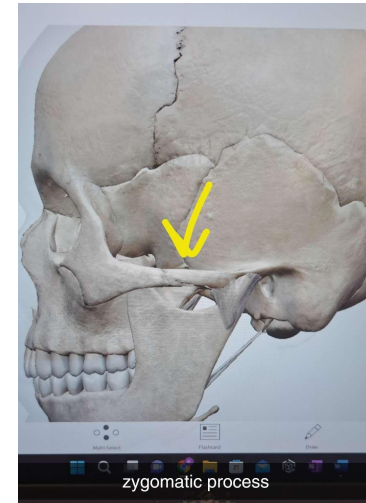
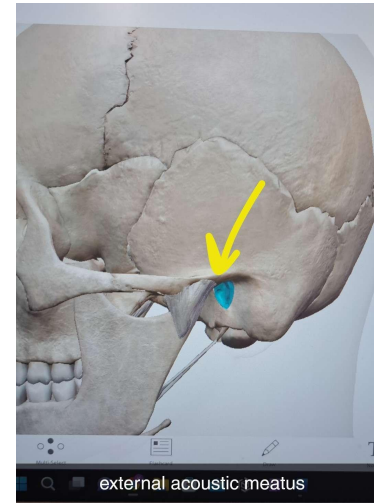
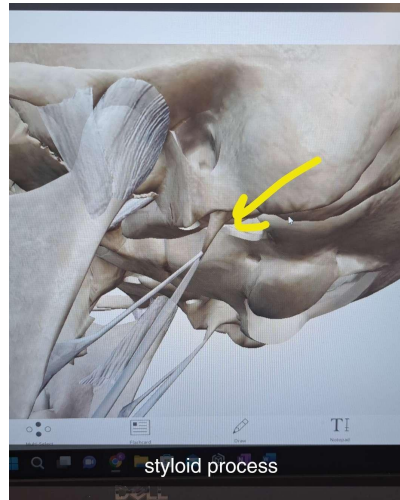
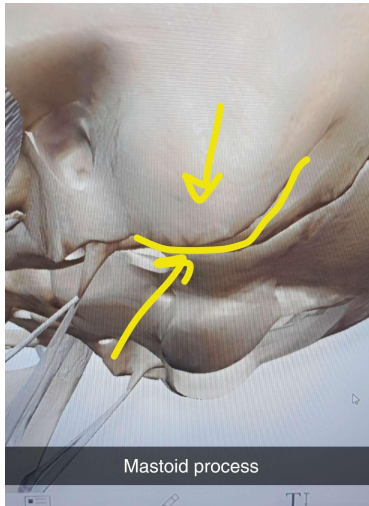
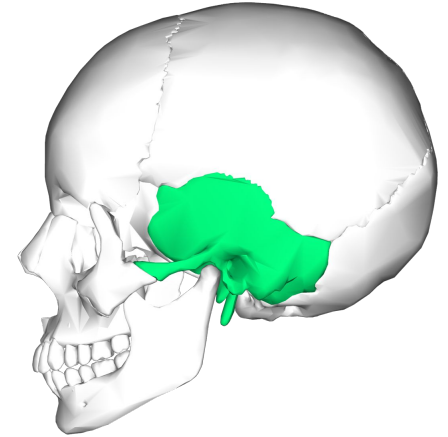
Landmarks to Know:

Zygomatic Process

External Acoustic Meatus

Styloid Process

Mastoid Process



Parietal Bone- Top, Back part of the head

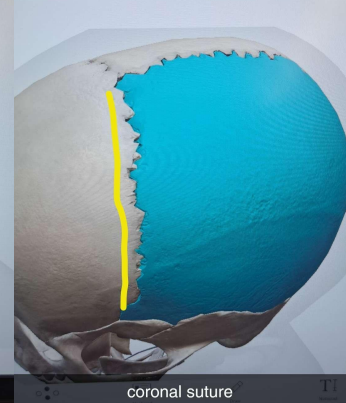
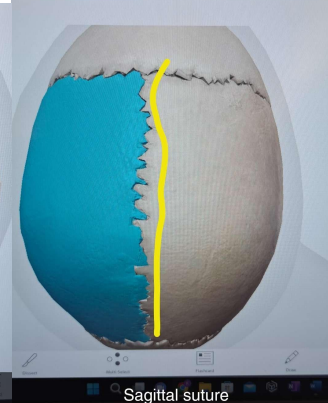
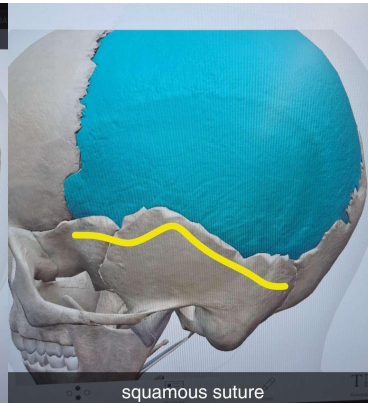
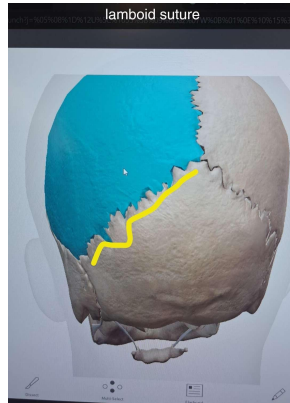
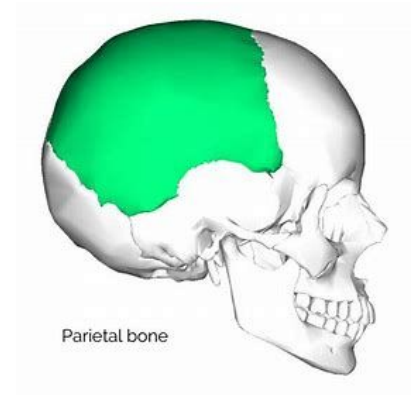
Landmarks to Know:

Coronal Suture

Sagittal Suture

Squamous Suture

Lambdoid Suture



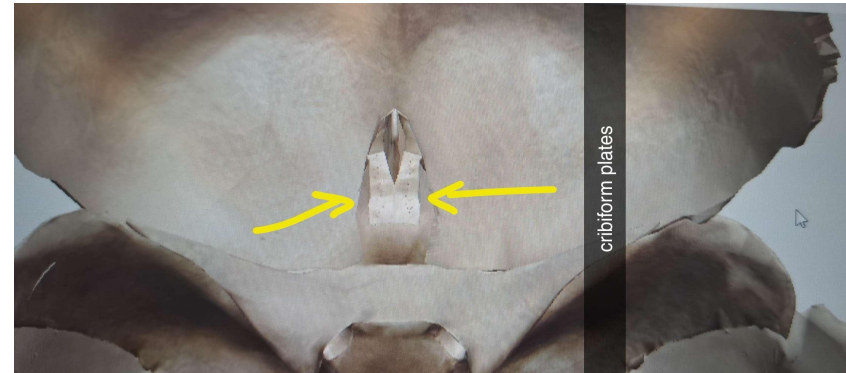
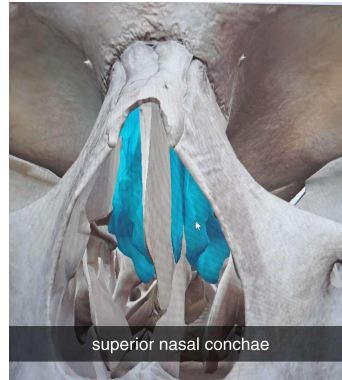
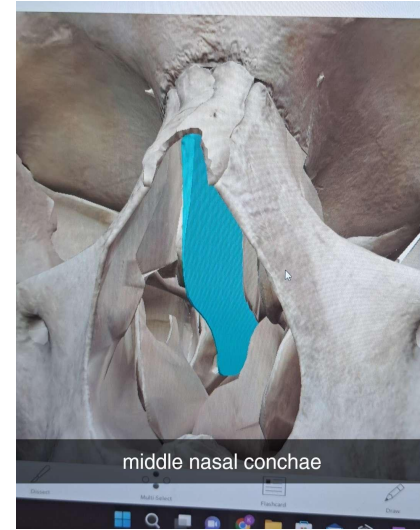
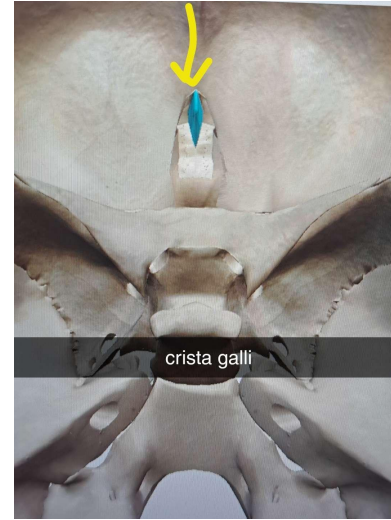
Ethmoid Bone

Landmarks to Know:

Crista Galli

Cribriform Plate

Superior and Middle Nasal Conchae

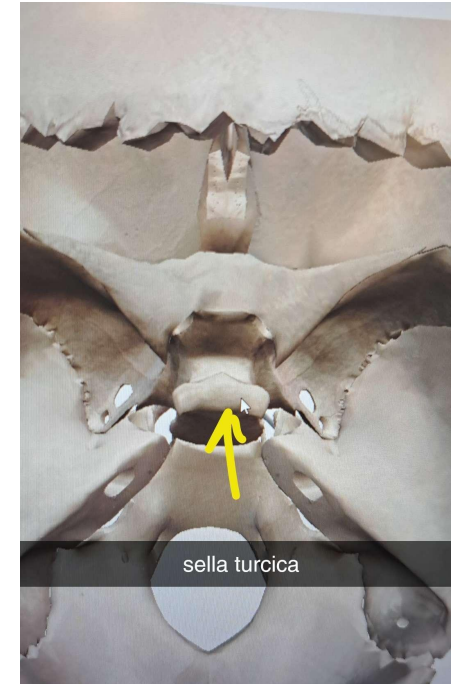
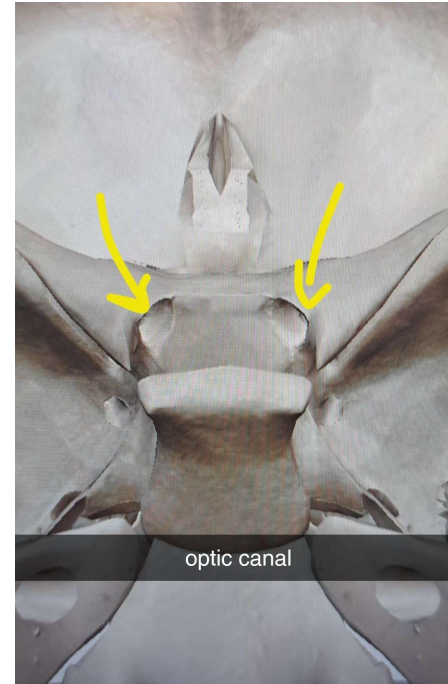
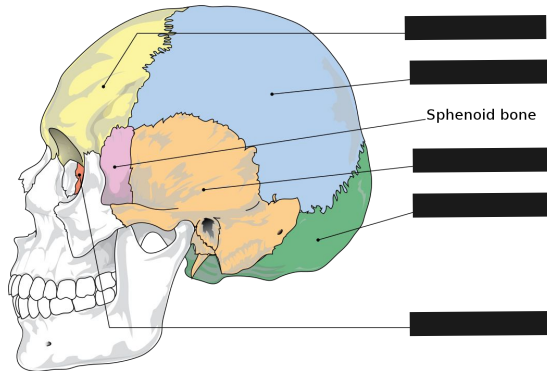


Sphenoid Bone

Landmarks to Know:

Sella Turcica

Optic Canal



Mandible Bone

Landmarks to Know:

Body of Mandible

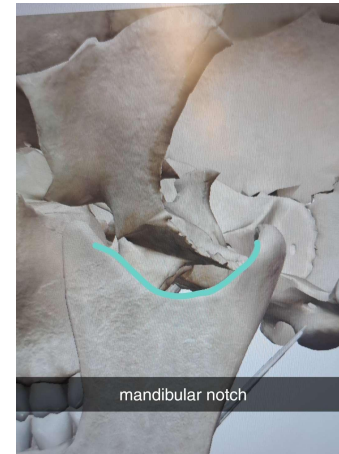
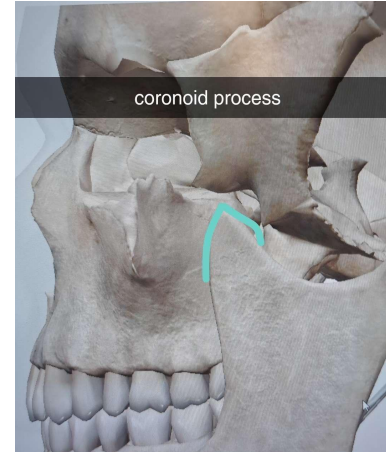
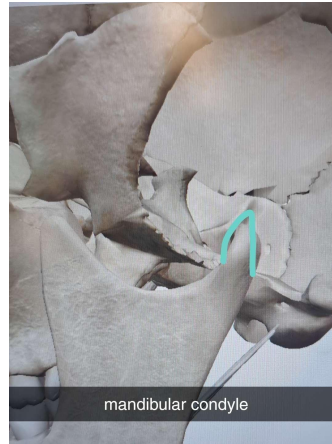
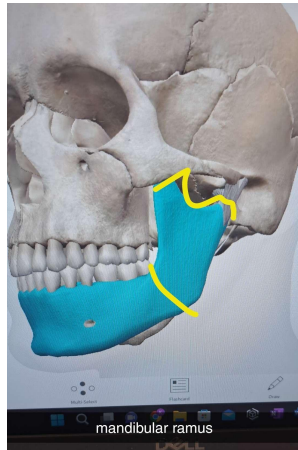
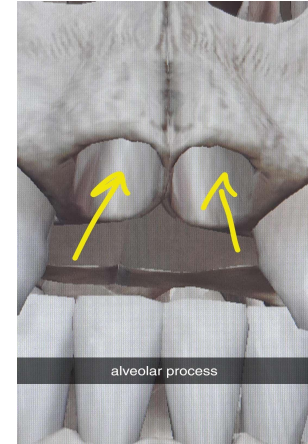
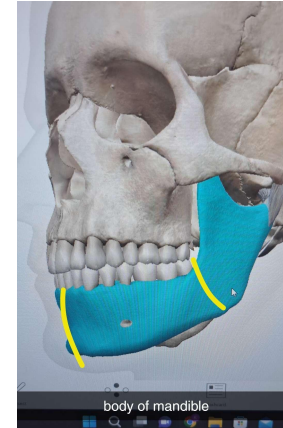
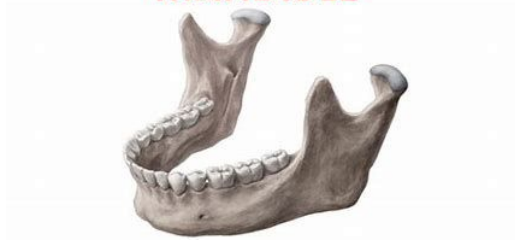
Mandibular Ramus

Mandibular Condyle

Coronoid Process

Mandibular Notch

Alveolar Process

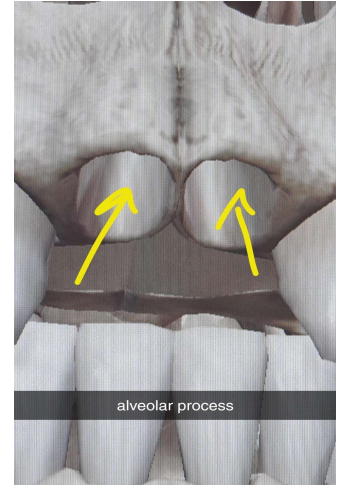
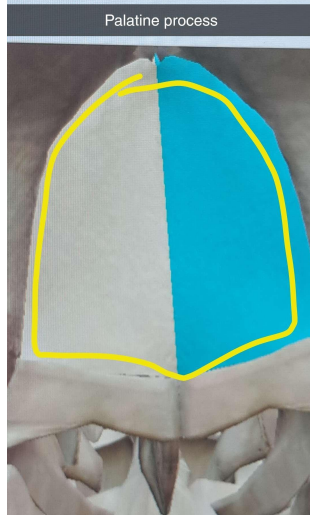


Maxillae Bone

Landmarks to Know:

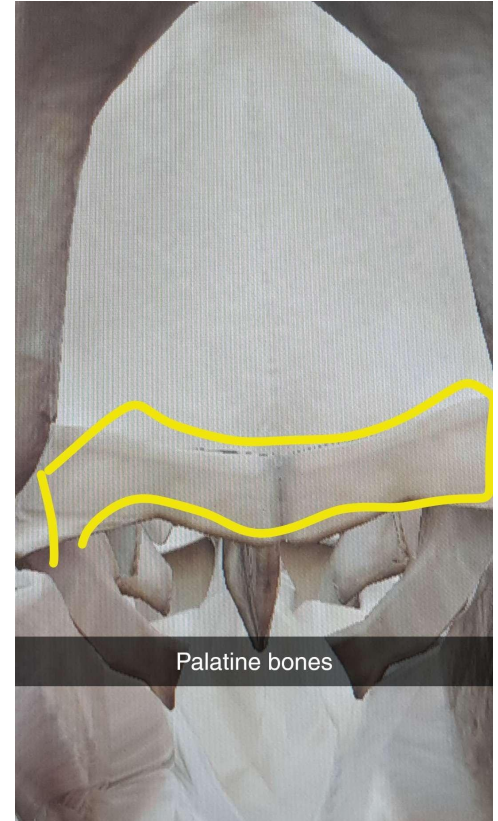
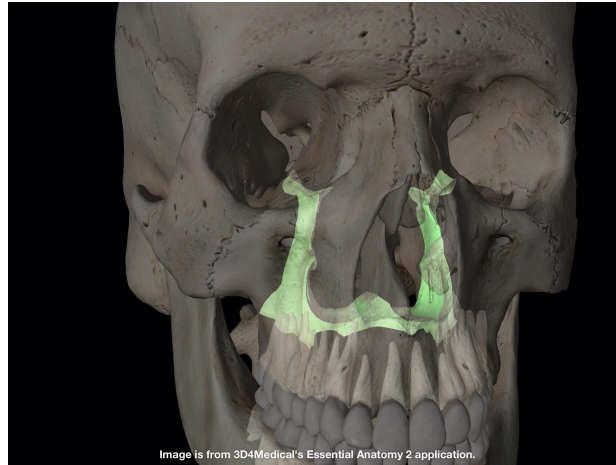
Alveolar Process

Palatine process



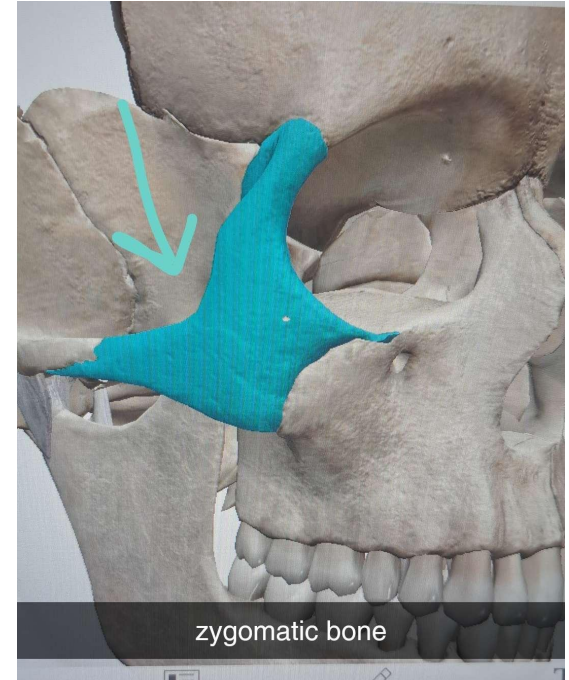
Palatine Bone

Bone that creates the back of the roof of the mouth and border the nose and are connected to part of the nasal cavity



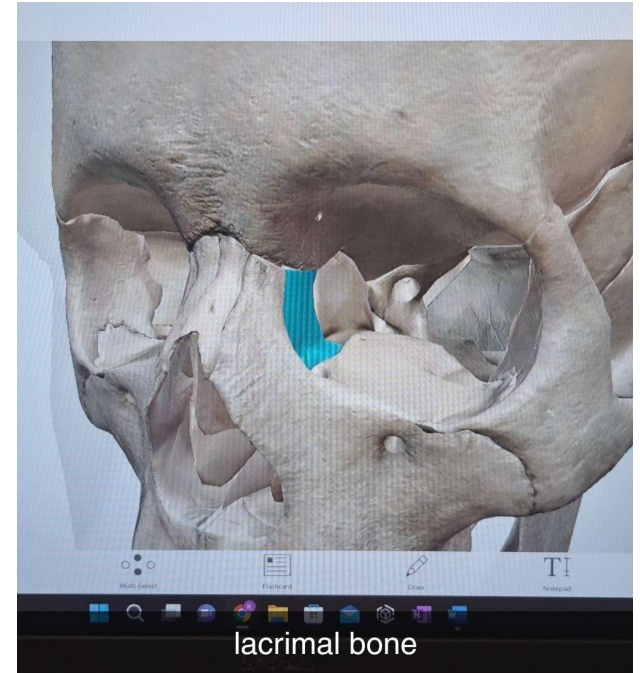
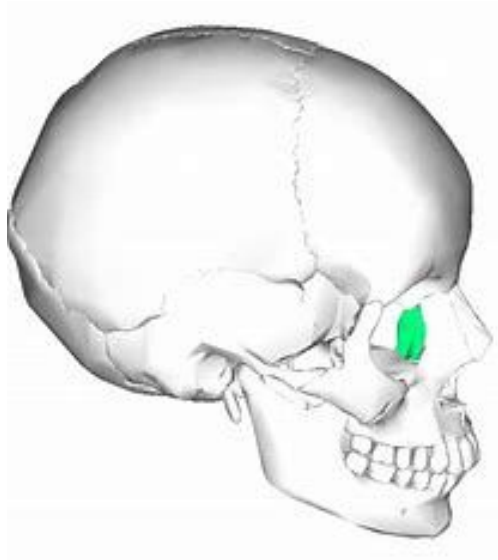
Zygomatic Bone

Cheek Bones



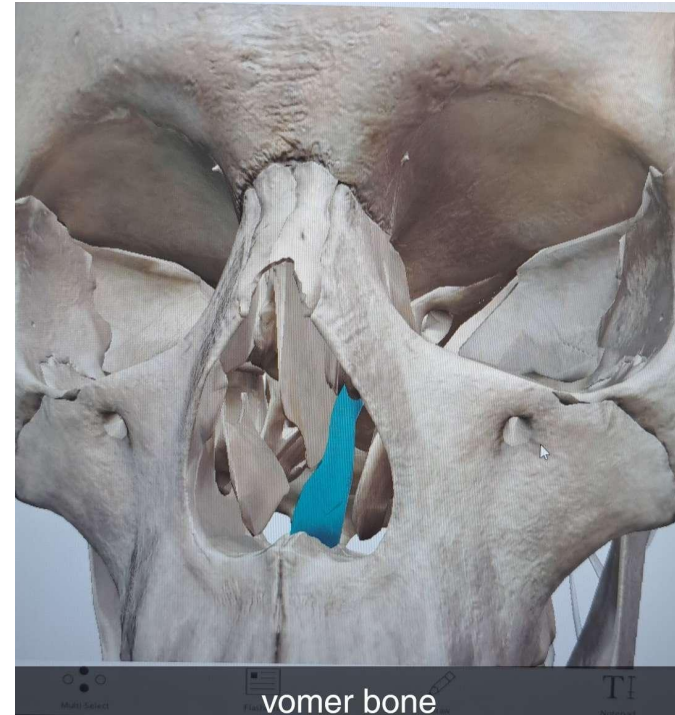
Lacrimal Bone

Located on the inside of the eye, close to the tear ducts



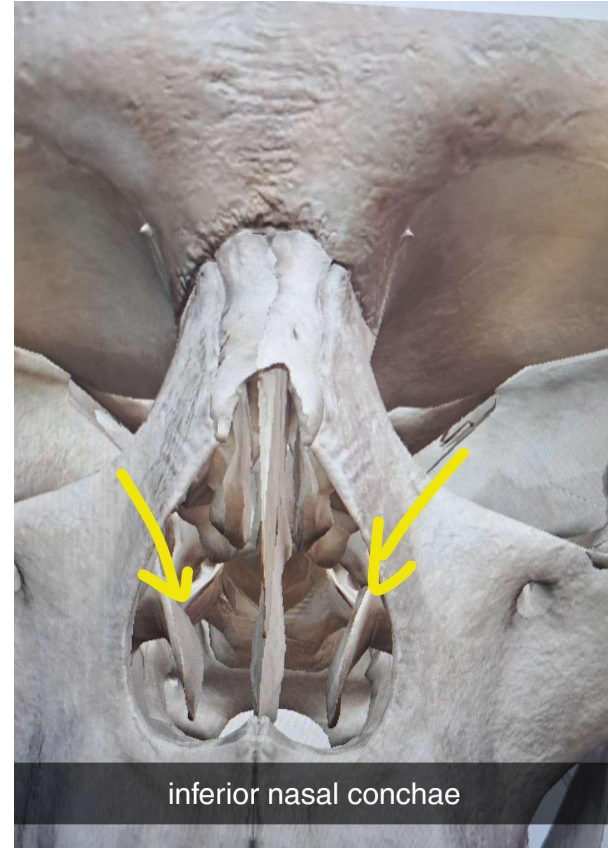
Vomer Bone

Helps divide the septum



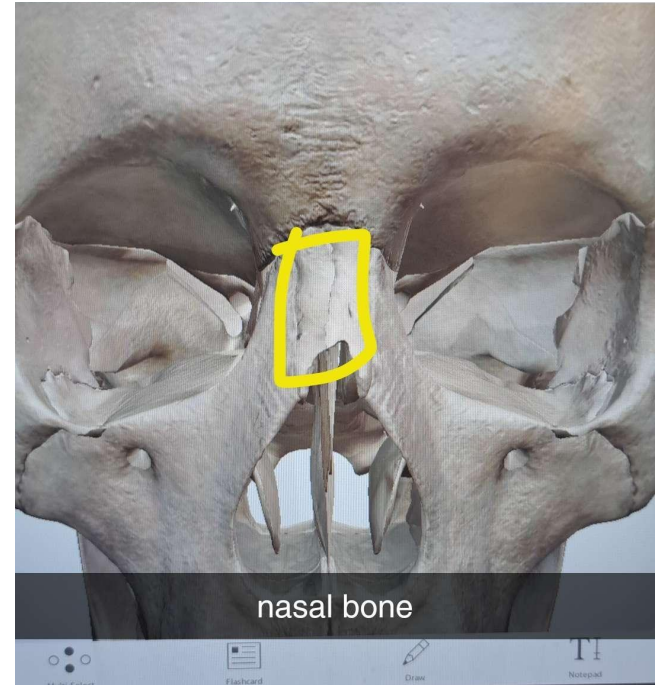
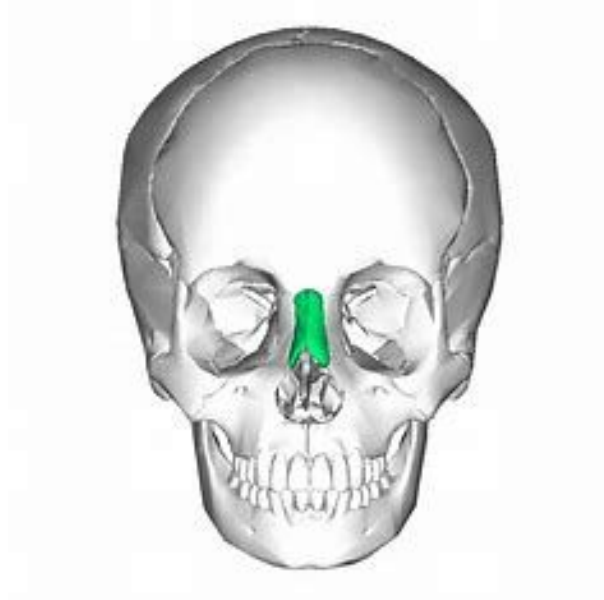
Inferior Nasal Concha

Allows an increase in surface area, middle area of the concha, helps smell and air warmth



Nasal Bone

The bridge of the nose





Bones and Landmarks from Practice Practical

1 and 2

1. Lacrimal
2. Coronoid Process
 - a. Sticker should be on top left point



3 and 4

3. Maxilla

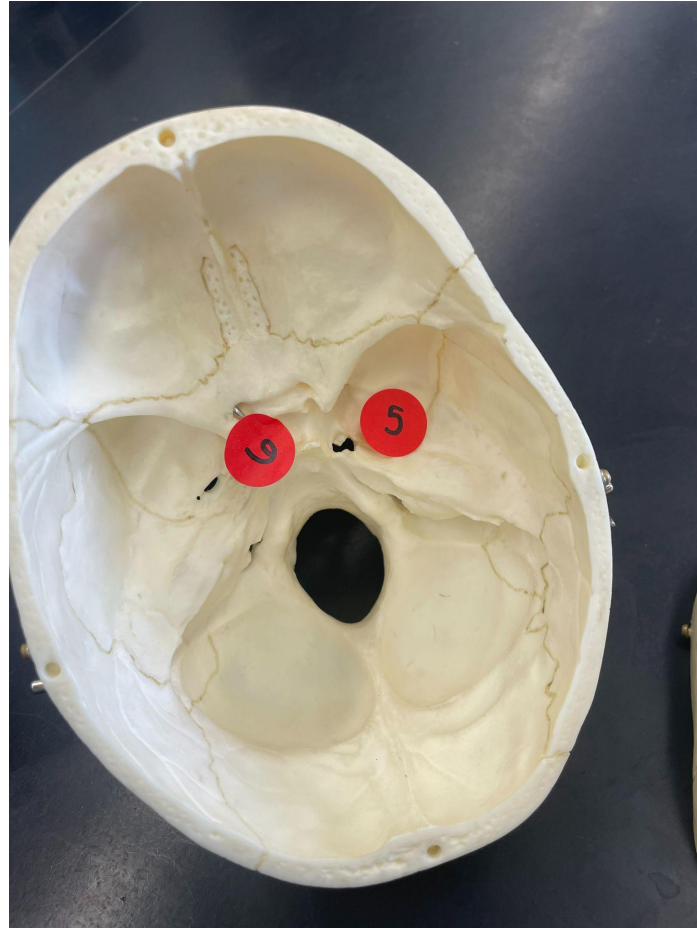
4. Mandibular
Ramus



5 and 6

5. Sphenoid

6. Optic Canal



7 and 8

7. Sacrum

8. Body



9 and 10

9. Axis

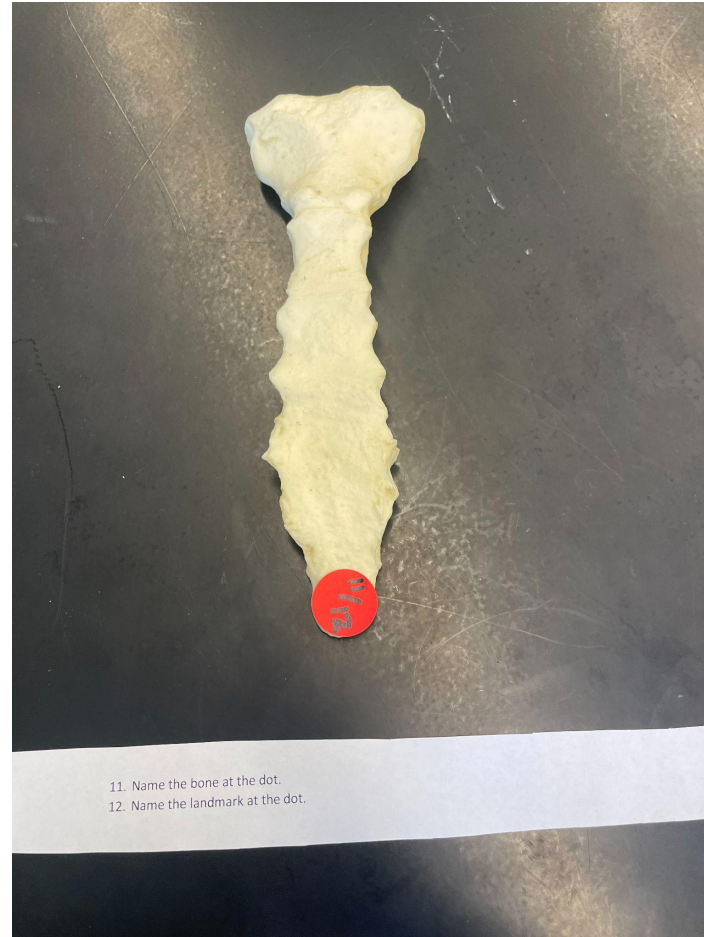
10. Dens



11 and 12

11. Sternum

12. Xiphoid Process



13 and 14

13. Humerus

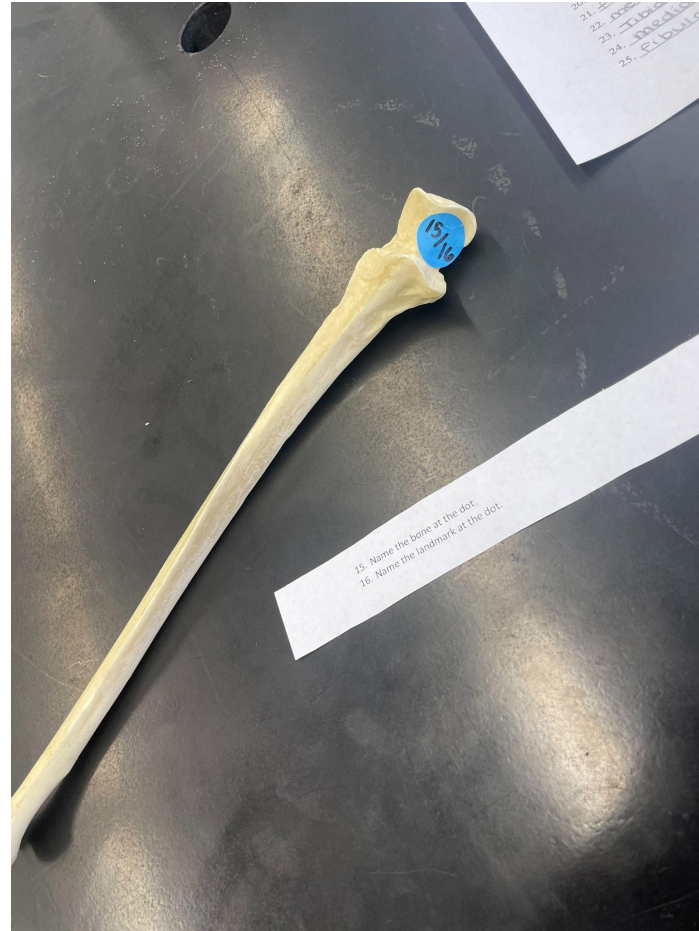
14. Trochlea



15 and 16

15. Ulna

16. Olecranon
Process



17 and 18

17. Scapula

18. Infraglenoid
Tubercle



19 and 20

19. Os Coxae

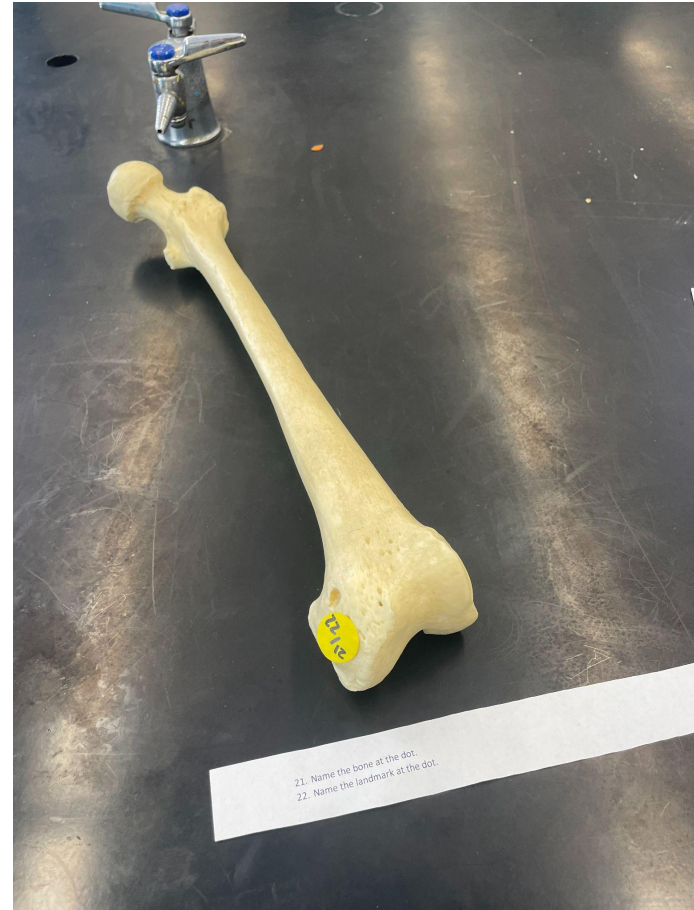
20. Ischial Tuberosity



21 and 22

21. Femur

22. Medial
Epicondyle

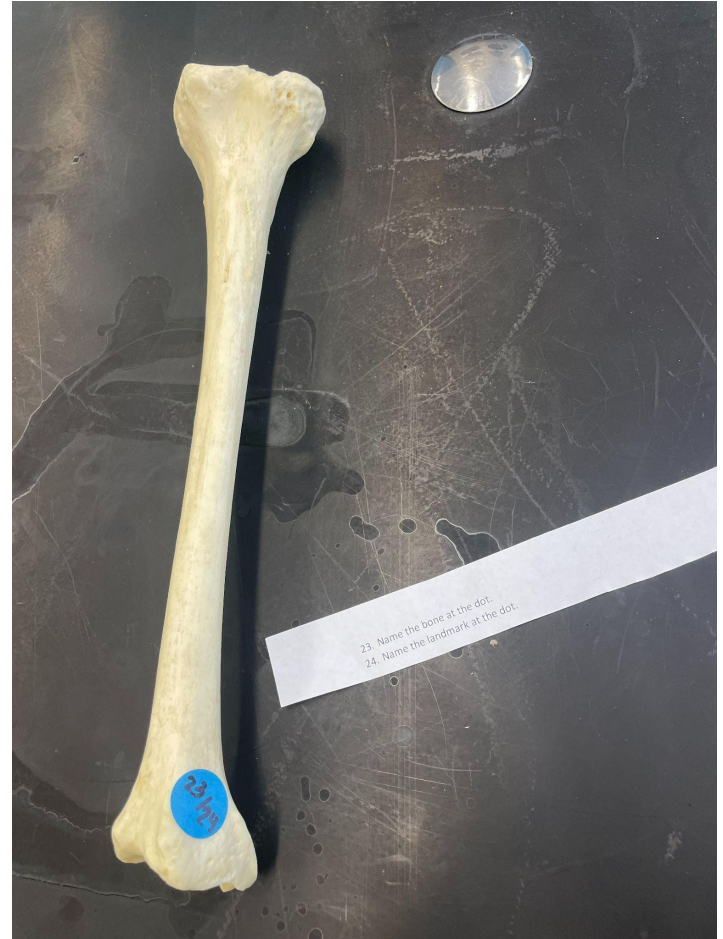


21. Name the bone at the dot.
22. Name the landmark at the dot.

23 and 24

23. Tibia

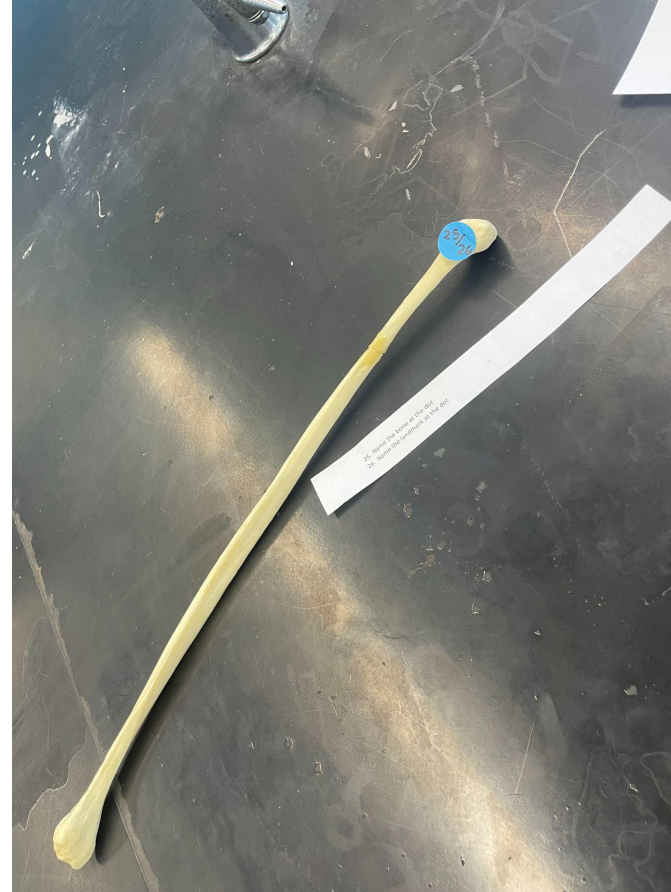
24. Medial Malleolus



25 and 26

25. Fibula

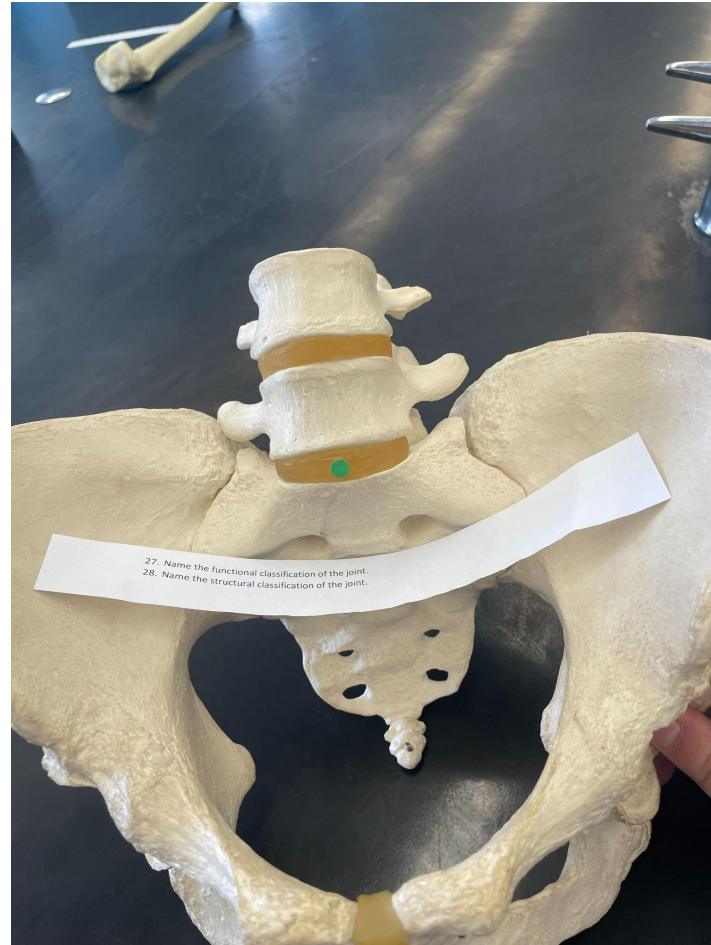
26. Head



27 and 28

27. Amphiarthrosis

28. Cartilaginous



29 and 30

29. Condylod

30. Flexion, Extension,
Abduction, Adduction,
Circumduction

