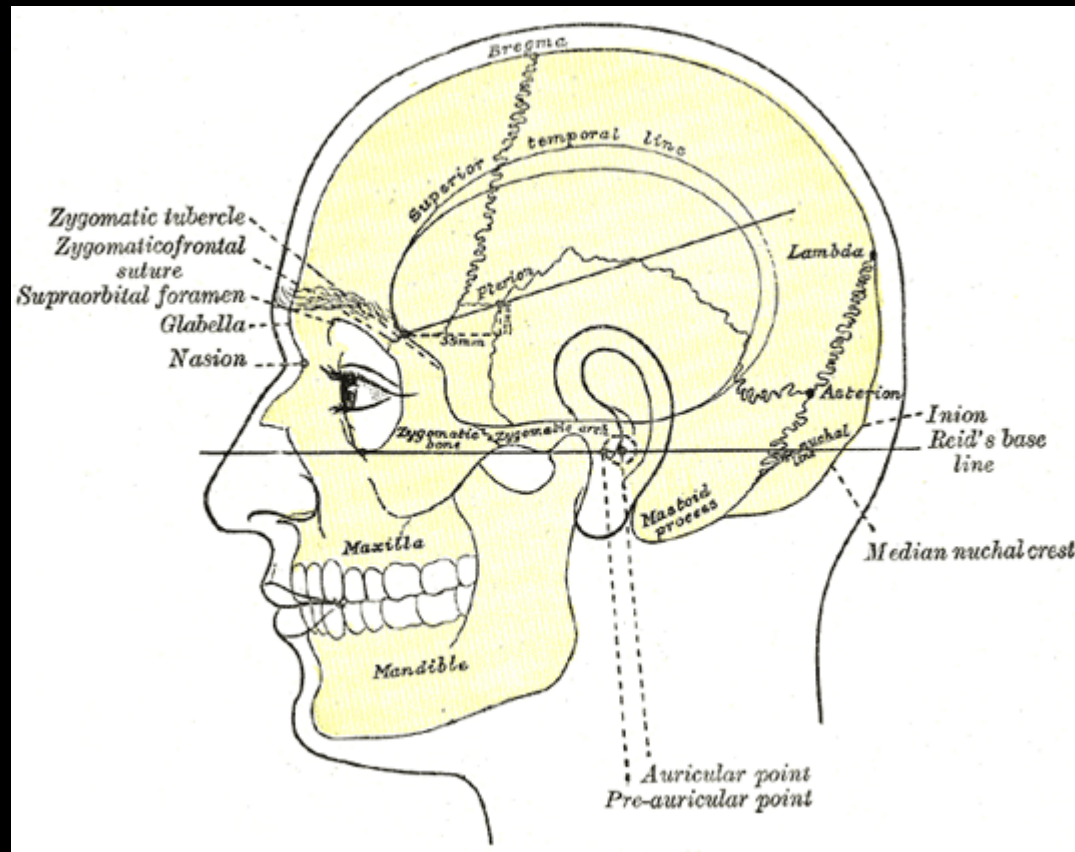


BONE MARKINGS

Every bump, groove, and hole on your bones has a name



Bone Markings

- Two types of bone markings:
 - **Processes** grow out from the bone

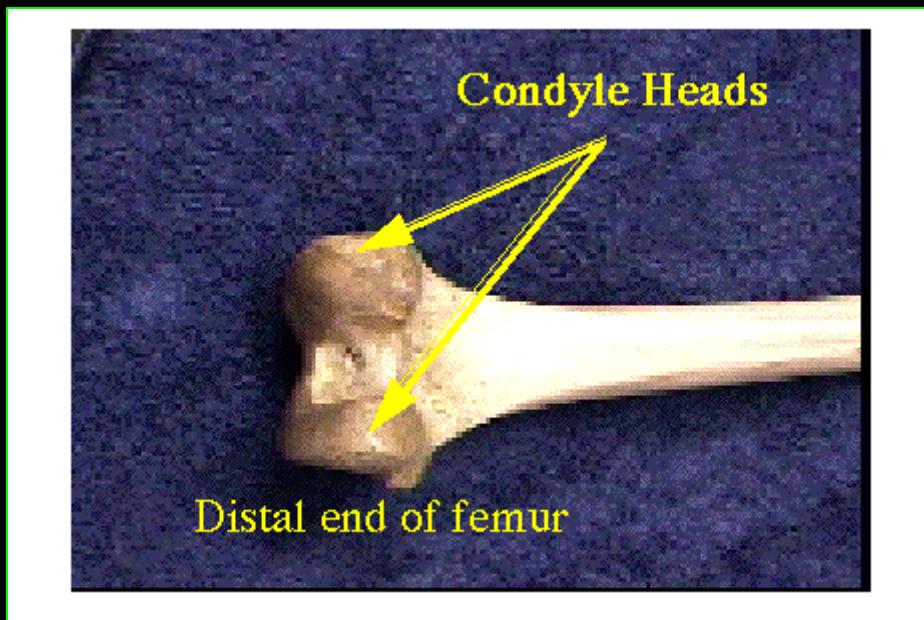


- **Depressions** (cavities) indent the bone



Projections (joints)

- 1) **Condyle**: Rounded articular projection

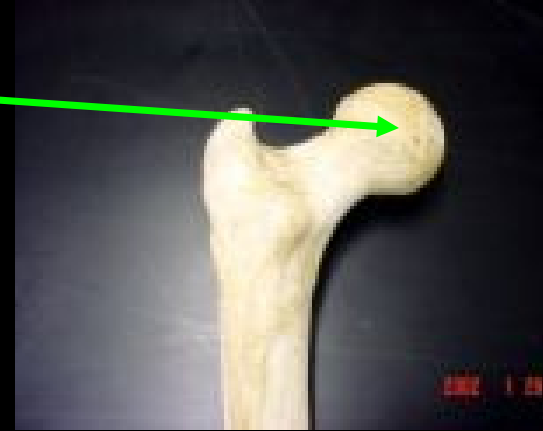


Condyle

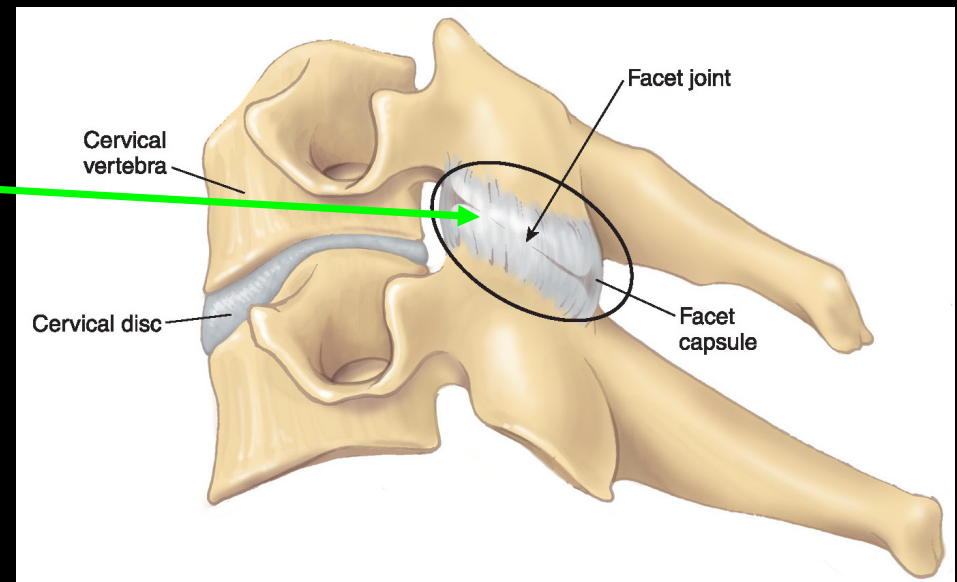


Projections (joints)

- 2) **Head**: bony expansion on a narrow neck



- 3) **Facet**: smooth, nearly flat articular surface



Projections (joints)

- 4) **Ramus**: Armlike bar of bone



Projections (ligaments and tendons)

1) **Crest**: Narrow ridge of bone (Line: smaller than a crest)

2) **Epicondyle**: Raised area on or above a condyle

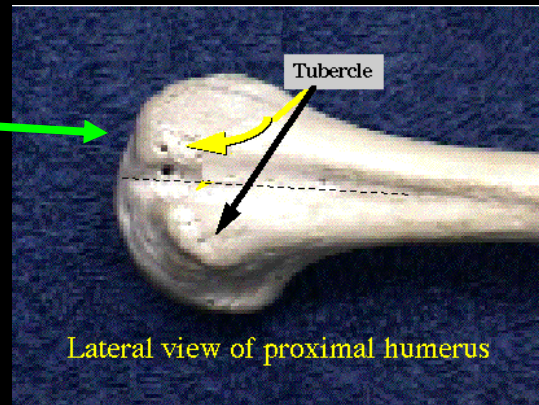


ULNA



Projections (ligaments and tendons)

3) **Tubercle**: Small rounded projection



4) **Tuberosity**: large rounded or roughened projection



5) **Trochanter**: very large, blunt projection (only on femur)



Projections (ligaments and tendons)

6) **Spine**: Sharp, pointed projection

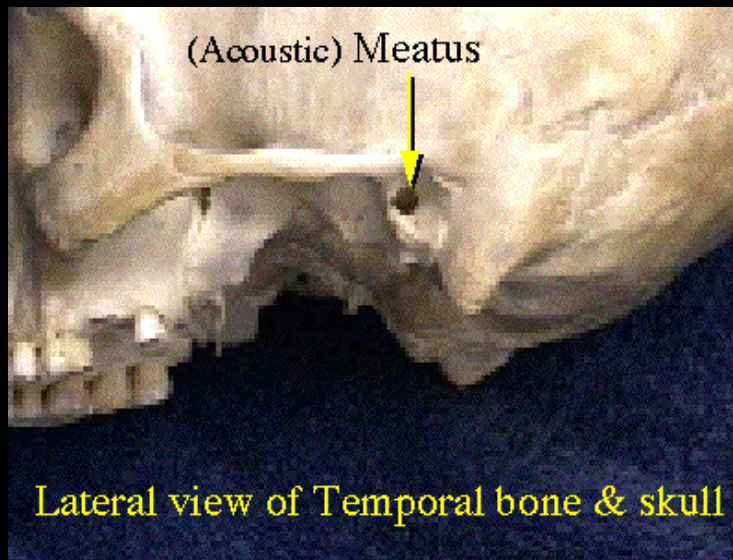


Thoracic Vertebrae

Depressions

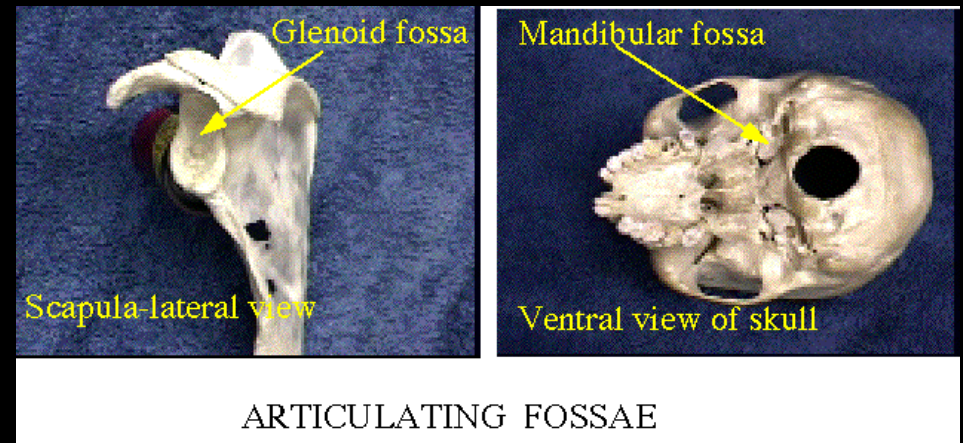
- Allow blood vessels or nerves to pass through.

1) **Meatus**: (me – A - tus) Canal or tube

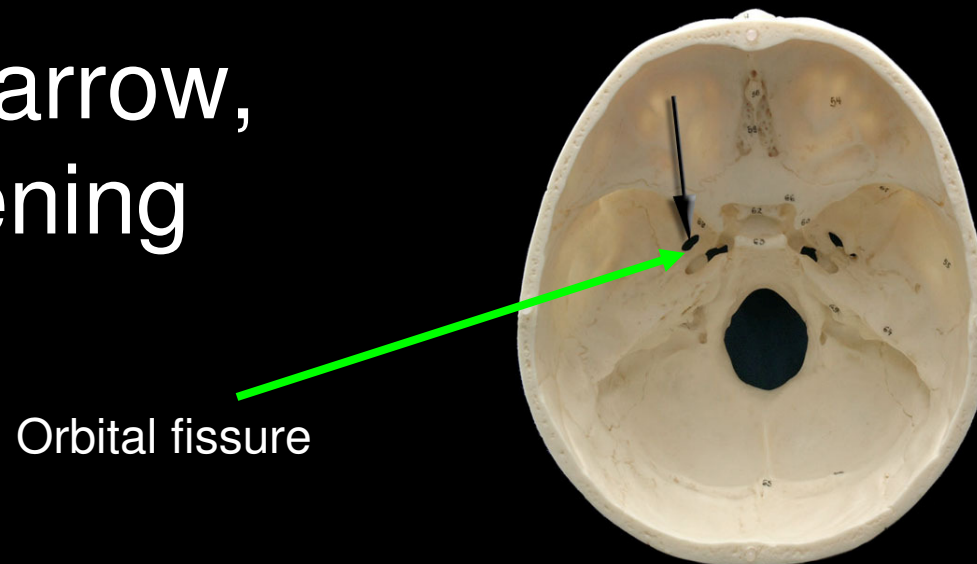


Depressions

2) **Fossa**: shallow basin

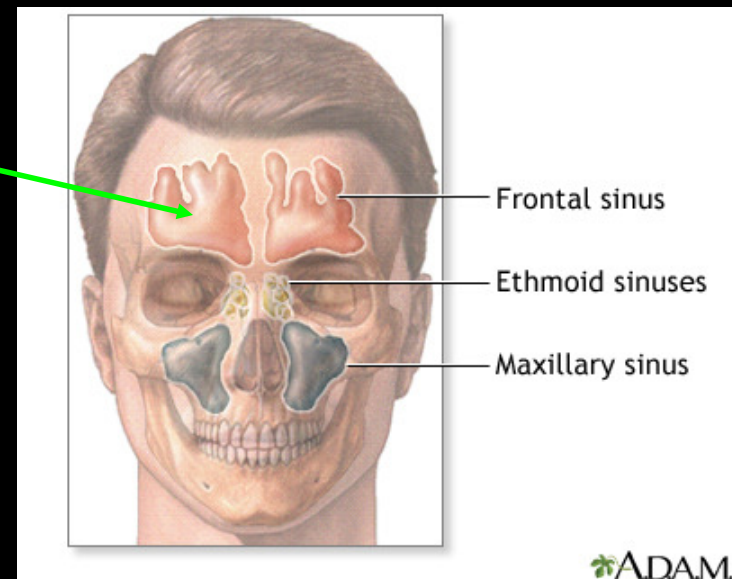


3) **Fissure**: narrow, slit-like opening



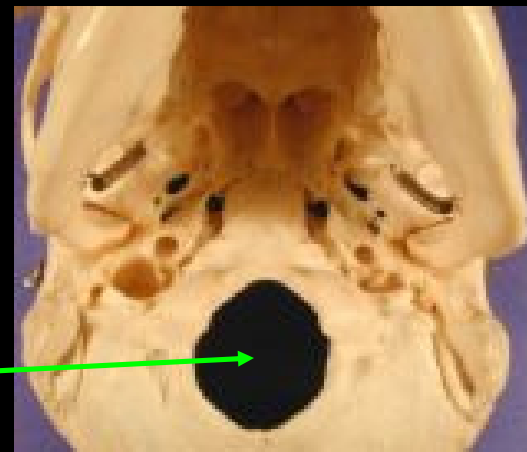
Depressions

4) **Sinus:** Cavity within a bone; filled with air and lined with mucous membranes



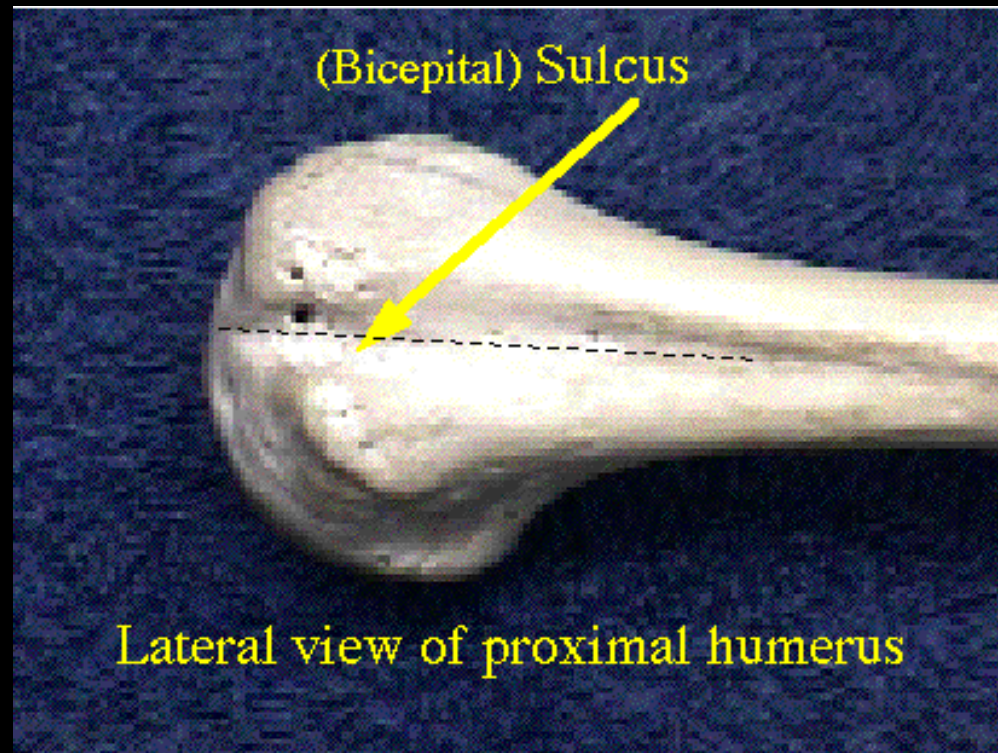
5) **Foramen:** Round or oval opening

Foramen Magnum



Depressions

6) **Sulcus, Groove or Furrow**: a shallow depression



Review:

Projections

- 1) Condyle
- 2) Head
- 3) Facet
- 4) Ramus
- 5) Crest
- 6) Epicondyle
- 7) Tubercle
- 8) Tuberosity
- 9) Trochanter
- 10) Spine

Depressions

- 1) Meatus
- 2) Fossa
- 3) Fissure
- 4) Sinus
- 5) Sulcus or Groove or Furrow