Bone Marking Terminology: Elevations & Projections

- **Process**
  - A general term for any projecting bony prominence or bump
    - Ex. mastoid process

- **Ramus**
  - An extension of a bone which makes an angle to the body of the bone
    - Ex. Mandibular ramus
Bone Marking Terminology:
Processes for tendon & ligament attachment

- **Trochanter**
  - A very large (largest) rough irregular process
  - Only ex. trochanter on the femur

- **Tuberosity**
  - A large (second biggest) rounded projection, usually rough looking, for attachment rather than articulation
  - Ex. radial tuberosity

- **Tubercle**
  - A rounded (smallest) projection or process
  - Ex. Conoid tubercle
Bone Marking Terminology: Processes for tendon & ligament attachment

- **Crest**
  - A narrow elongated ridge of bone
    - Ex. intercondylar crest, intertrochanteric crest

- **Line**
  - Similar to a crest but not as pronounced (slightly less of a ridge)
    - Ex. popliteal line, superior & inferior nuchal line

- **Epicondyle**
  - A slightly raised and roughened (usually) surface above a condyle
    - Ex. medial and lateral epicondyles of femur

- **Spine**
  - A narrow thin and pointed extending process
    - Ex. ischial spine
Bone Marking Terminology:
Processes for articulation with adjacent bones

- **Head**
  - Bony expansion situated on a narrow neck (between epiphysis and diaphysis)
    - Ex. head of femur
- **Neck**
  - A narrow connection between the epiphysis and diaphysis
    - Ex. neck of femur
- **Condyle**
  - Rounded articular projection
    - Ex. mandibular condyle
- **Trochlea**
  - A smooth grooved process, resembling a pulley
    - Ex. Trochlea of humerus
- **Facet**
  - Smooth usually flat articular surface
    - Ex. superior articular facet
- **Notch**
  - A short indentation at the edge of a bone
    - Ex. radial notch on the ulna
Bone Marking Terminology:
Depressions

- **Fossa**
  - Shallow smooth concave surface mostly as a joint (articulation) surface
  - Ex. mandibular fossa

- **Sulcus or Groove**
  - An elongated notch or trench in bone
  - Ex. costal groove on rib
Bone Marking Terminology: Openings

- **Meatus**
  - Passageway through bone
  - Ex: auditory meatus

- **Fissure**
  - A crevice or narrow slit-like opening
  - Ex. inferior and superior orbital fissures

- **Foramen**
  - Hole through bone
  - Ex: Foramen Magnum

- **Sinus**
  - Air filled cavity within bone, lined with mucous membrane
  - Ex: frontal sinus