CONCEPT: BONE MARKINGS

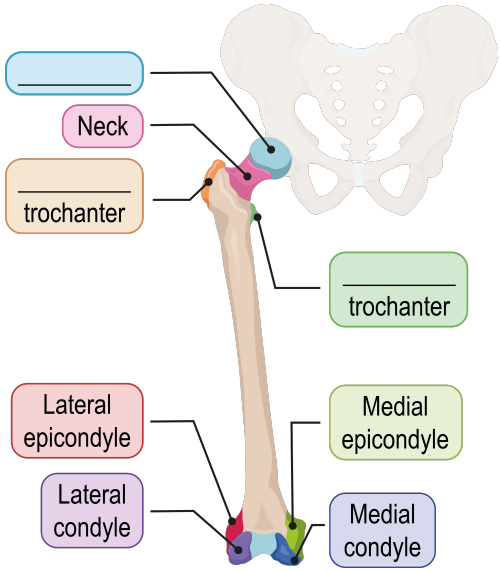
Bone Markings

- **Bone Markings:** surface features of bones.
  - Attachment points for tendons and ligaments.
  - Passages for blood vessels & _____.
- **Two Types:** 1. Projections 2. Depressions

Bone Projections

- **Projection (Process):** Bone growth, extends _____ the bone surface.
  - Can be smooth/rounded for _____ or rough/irregular for attachment of tendons & ligaments.
- Some common processes are:

Process	Definition
Head	Rounded end of a bone.
Neck	Separates head & body of the bone.
Trochanter	Large rough processes for muscle attachment. • Greater = _____ • Lesser = _____
Condyle	Smooth rounded portion at the _____ end of the bone. • Lateral = ____side • Medial = ___side
Epicondyle	Rough projection above the condye.



MEMORY TOOL: _____ Neck __urns at __very __orner.

EXAMPLE

Match each term on the left with its description on the right. Place the correct number from the left column in the space provided on the right.

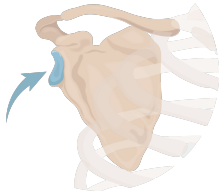
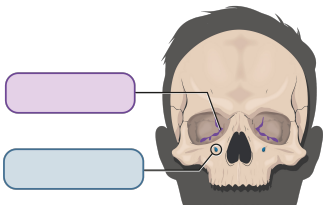
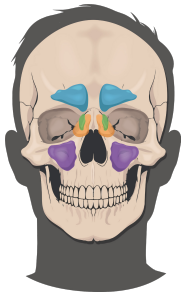
1. Head	a) ____ Rough processes that serve as attachment points for muscles.
2. Condyle	b) ____ Area between the head and the trochanters.
3. Trochanter	c) ____ Smooth and rounded projections at the lower end of a bone.
4. Neck	d) ____ Rounded end of a long bone that helps in joint formation.

CONCEPT: BONE MARKINGS

Bone Depressions

◆ Indentation, hole, or _____ in a bone.

◆ Some common depressions are:

Depression	Definition	Illustration
Fossa	_____ depression at the surface of a bone.	
Fissure	A _____-like opening.	
Foramen	Smooth, _____ opening.	
Sinus	_____ cavity within a bone.	

EXAMPLE

Identify each of the following structural features of bones as a projection (P) or depression (D).

a) _____ Sinus

b) _____ Head

c) _____ Condyle

d) _____ Fossa

PRACTICE

The glenohumeral joint is a ball-and-socket joint that connects the arms to the shoulders. The head of the arm bone joins a structural feature on the lateral side of the shoulder blade. What would be the name of that structural feature?

a) Trochanter
b) Fissure
c) Condyle
d) Sinus
e) Fossa
f) Neck