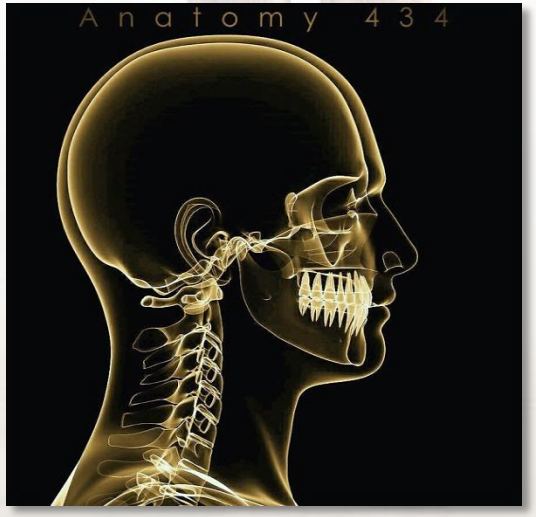
Anatomy OSPE Revision

by: Prof. Saeed Abu Elmakarem



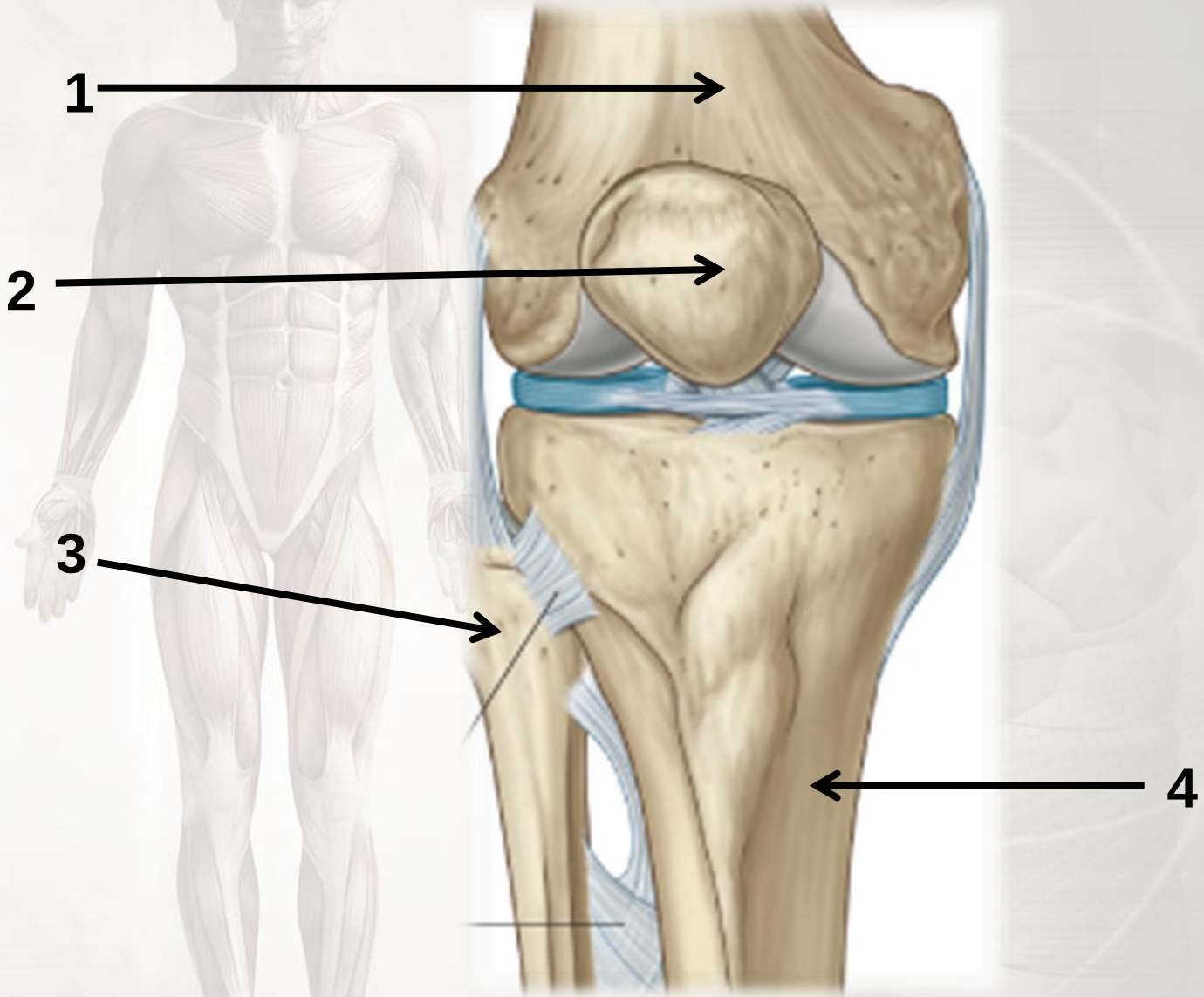
Before you begin

→ Make sure you understand the difference between the terms NAME & TYPE which have completely different answers.

→ Make sure your SPELLING is correct or relatively similar to ensure your grade on each question.

→ Note: Answers are in RED
→ In GREEN you might find some helpful notes

Case 1



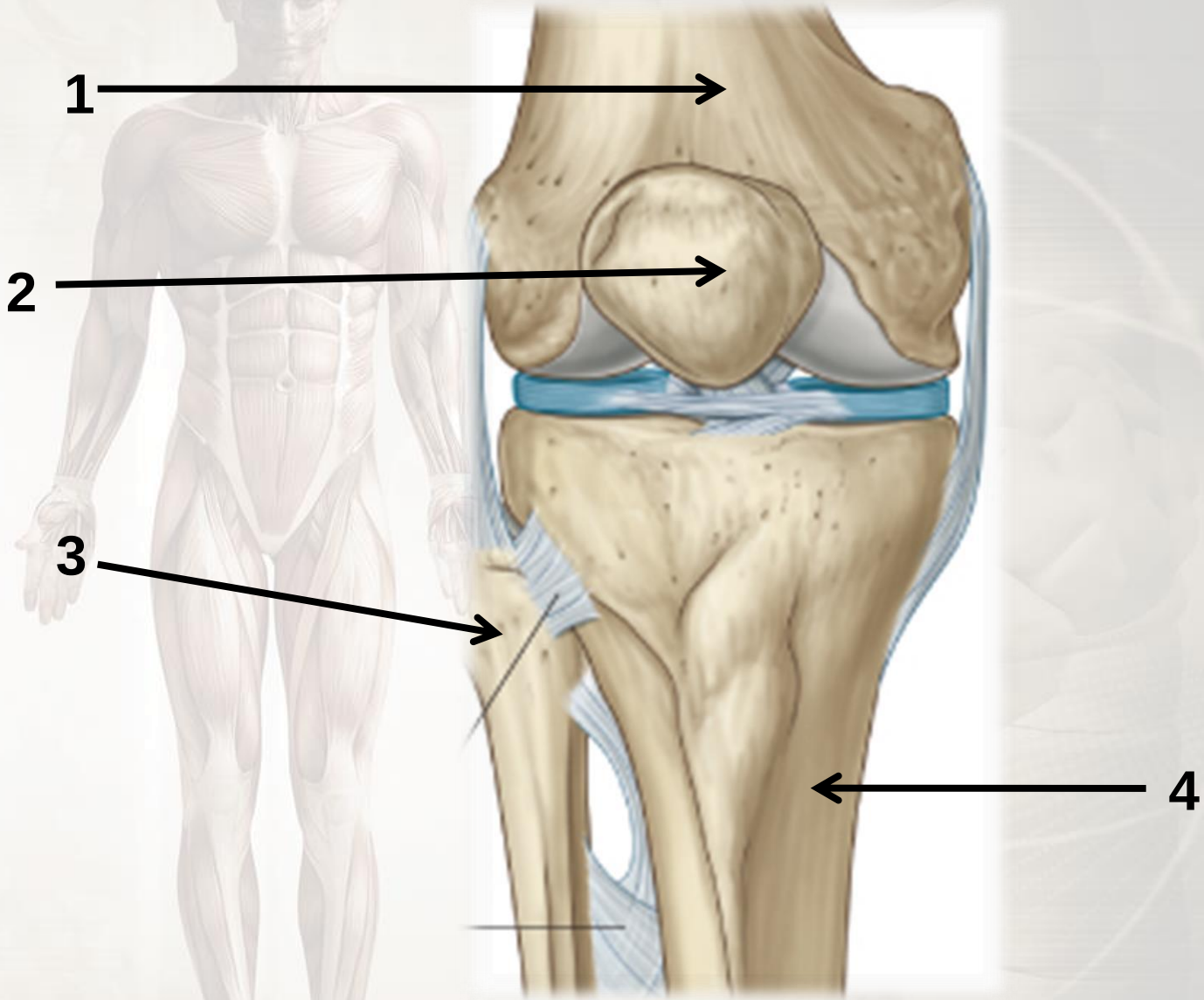
Identify the following:

- Joint name:

- The labeled bones:

1-
2-
3-
4-

Case 1



Identify the following:

- Joint name: Knee joint (Right leg)

- The labeled bones:

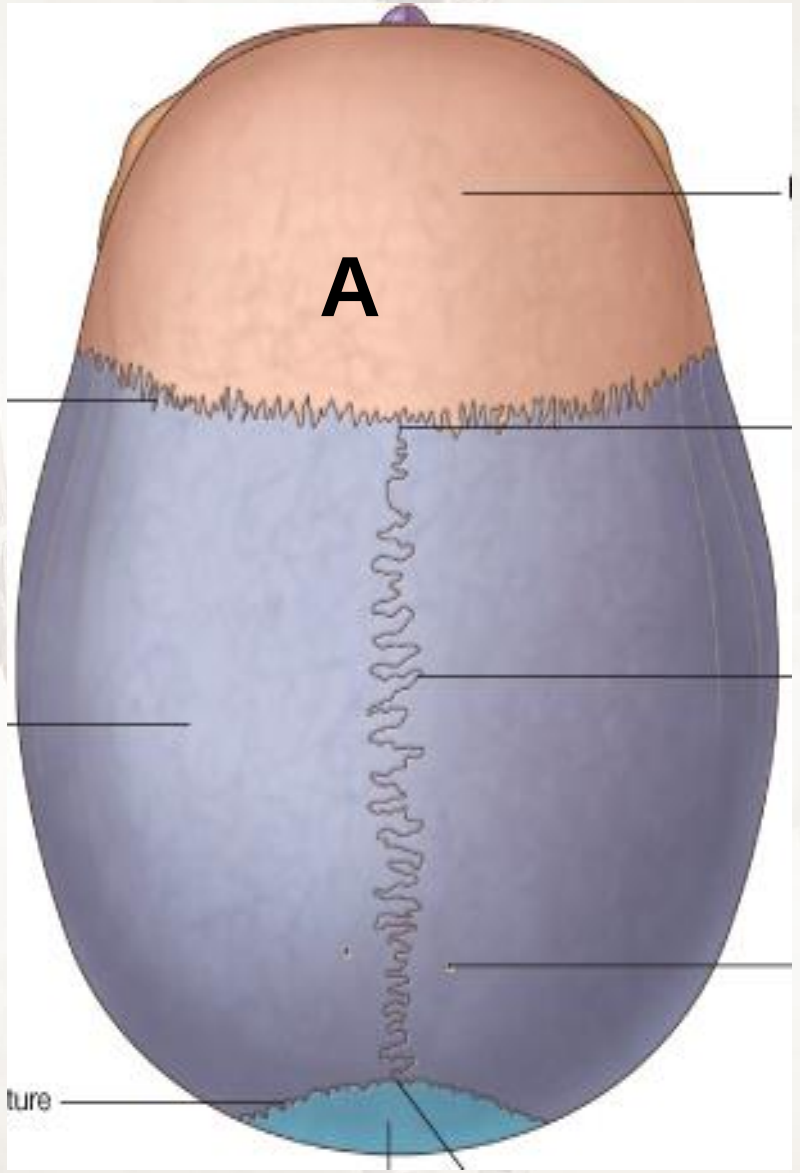
1- Femur
2- Patella
3- Fibula (lateral)
4- Tibia (medial)

* Tibia is bigger than fibula

Case 2

Identify:

The type of the bone marked A :



Case 2

Identify:

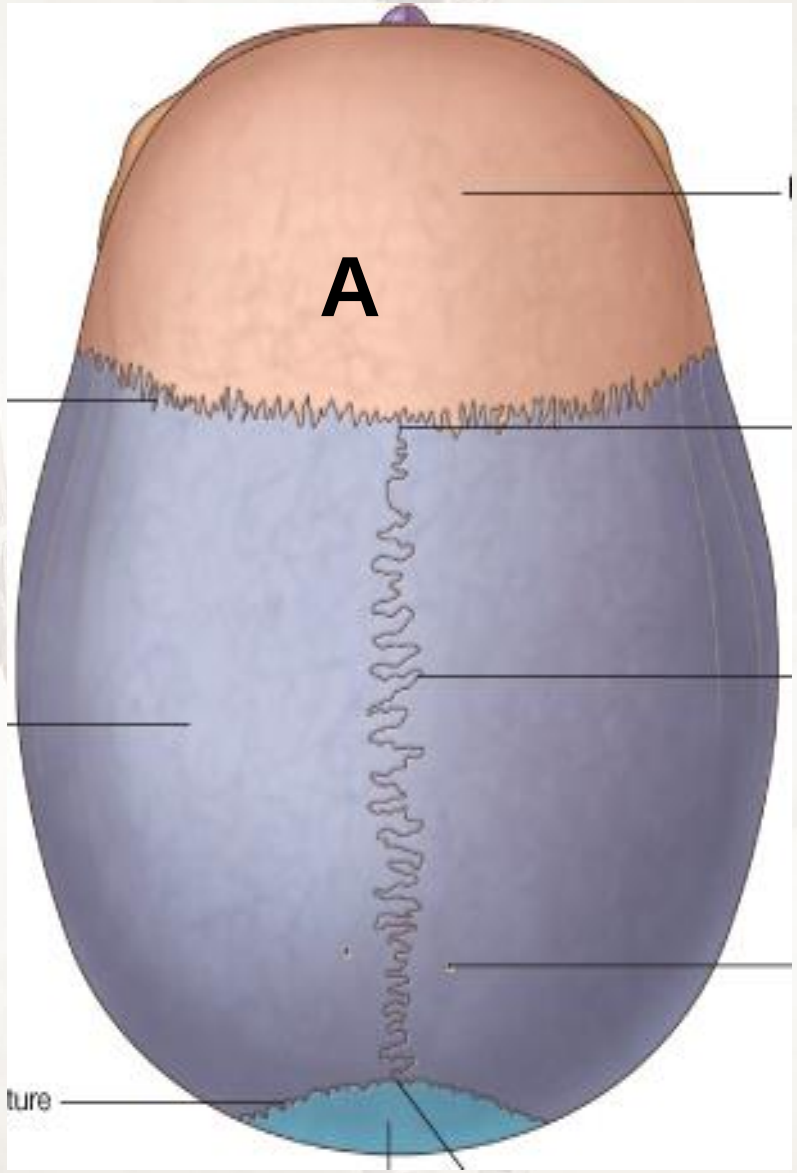
The type of the bone marked A :

Flat bone

Remember:

Types of bones:

- Flat
- Irregular
- Long
- Short



Case 3

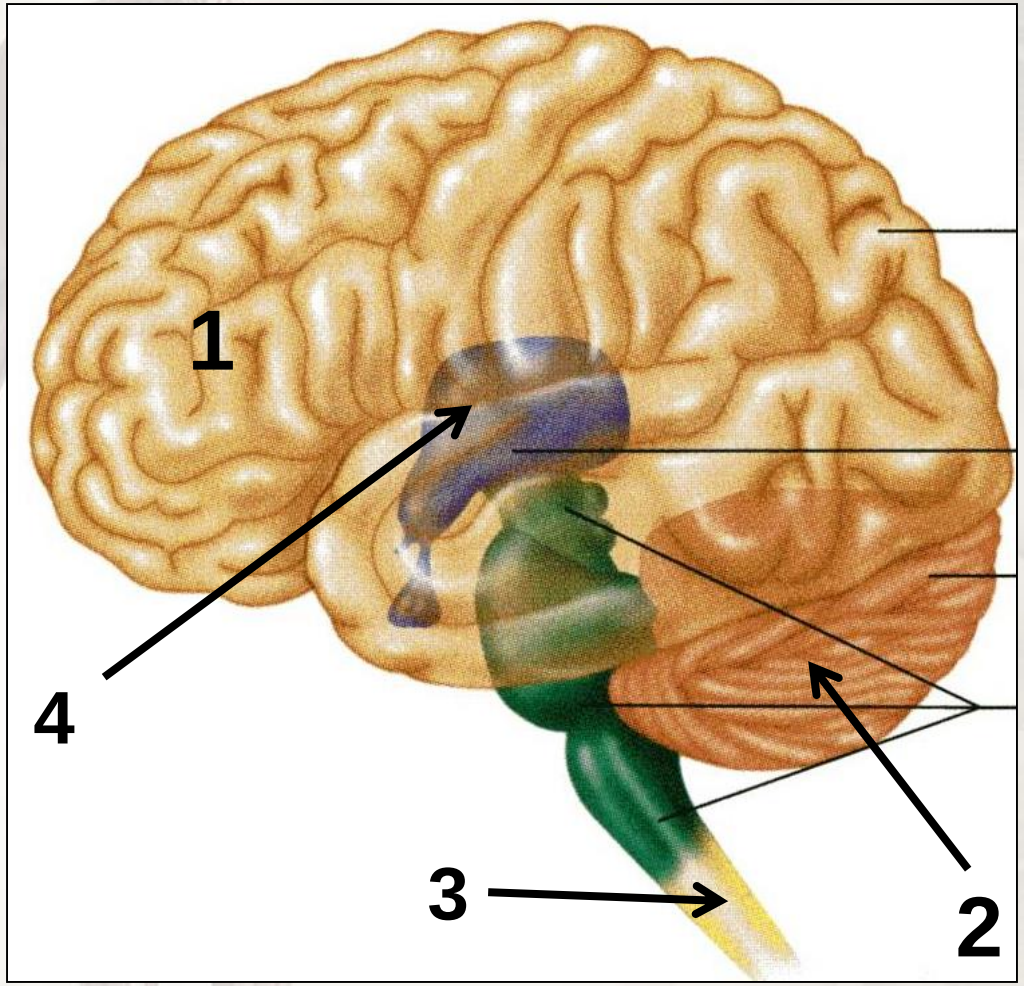
Identify the labeled structures:

1.

2.

3.

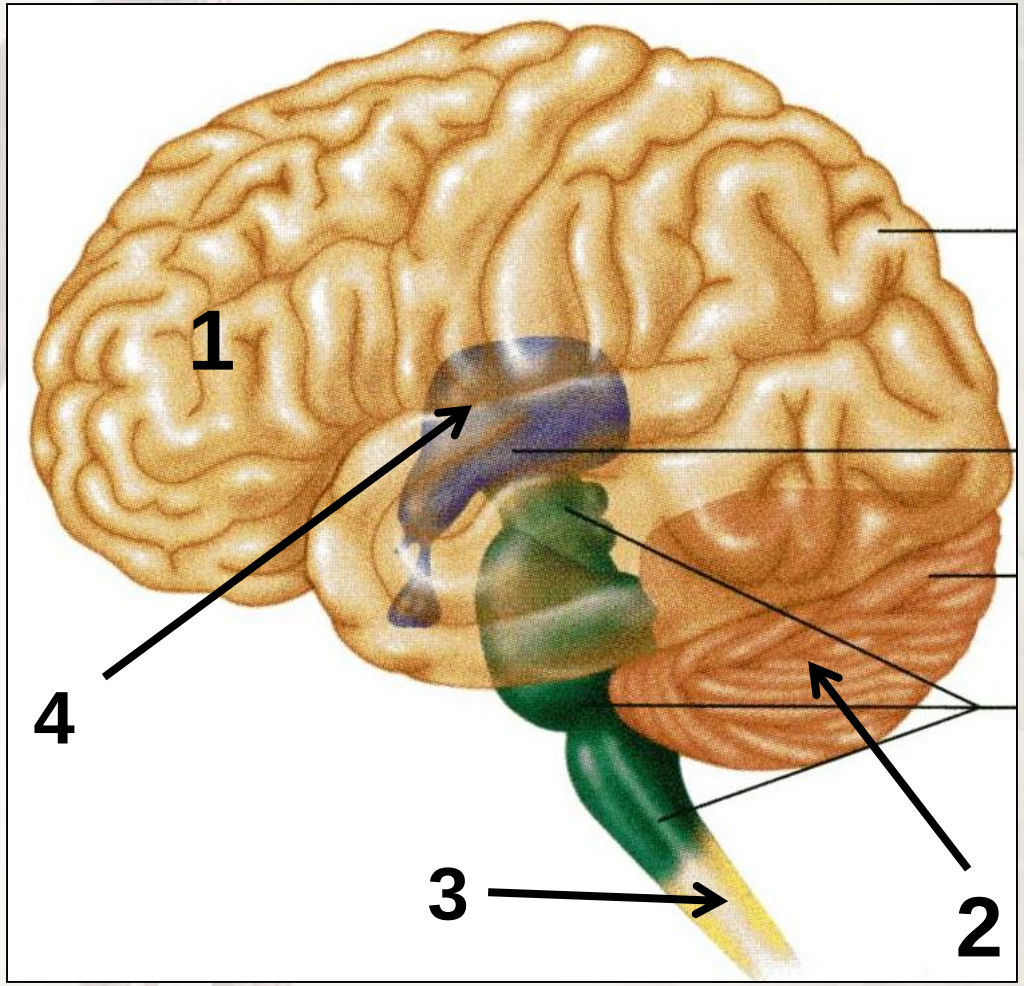
4.



Case 3

Identify the labeled structures:

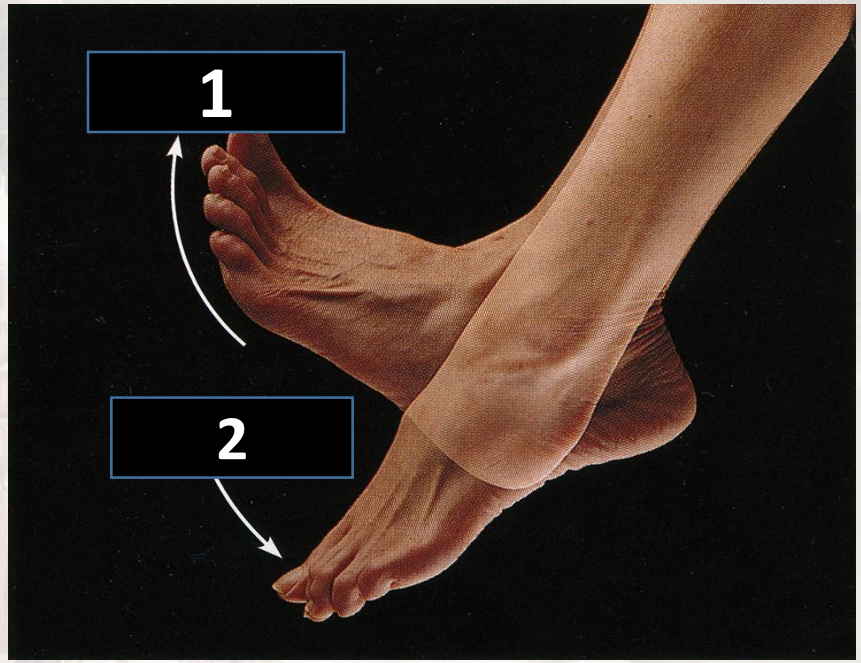
1. Cerebrum
2. Cerebellum
3. Spinal cord
4. Diencephalon

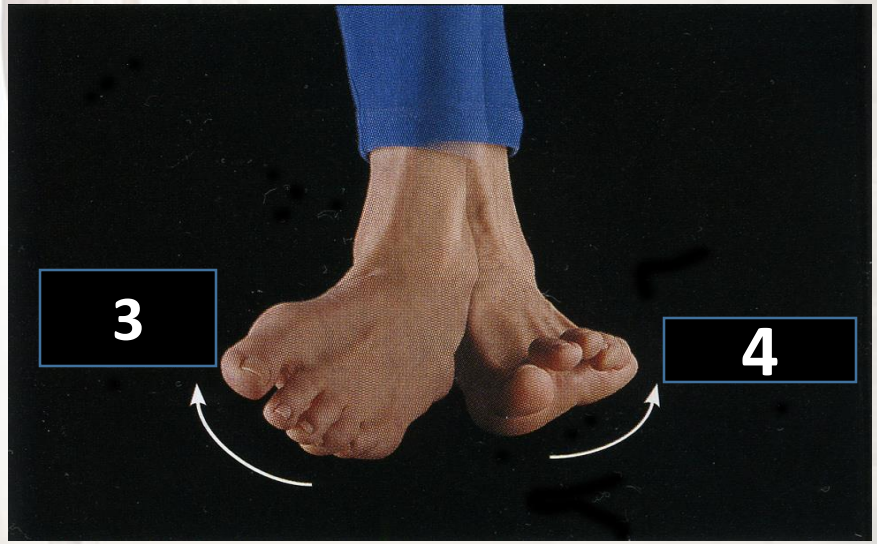


Case 4

Identify these movements:

1.
2.
3.
4.

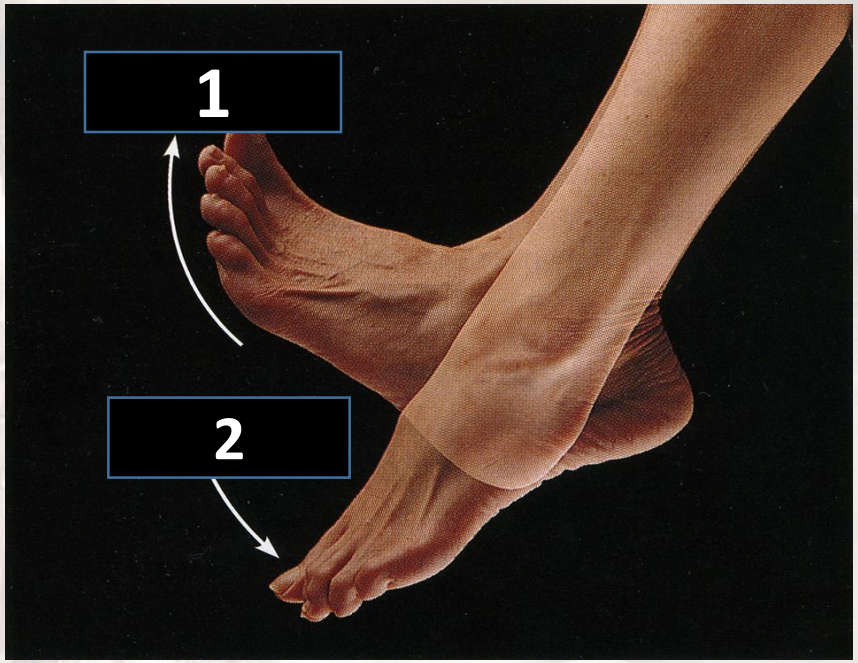


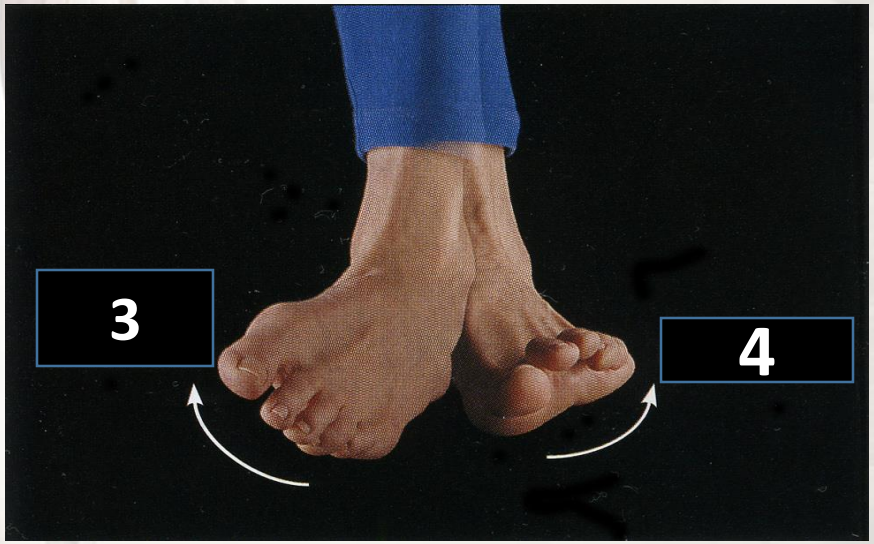


Case 4

Identify these movements:

1. Dorsiflexion (ترفع رجلك عن البنزين)
2. Plantarflexion (فرامل)
3. Inversion (Inversion ; inwards)
4. Eversion (Outwards)





Case 5

Identify these movements:

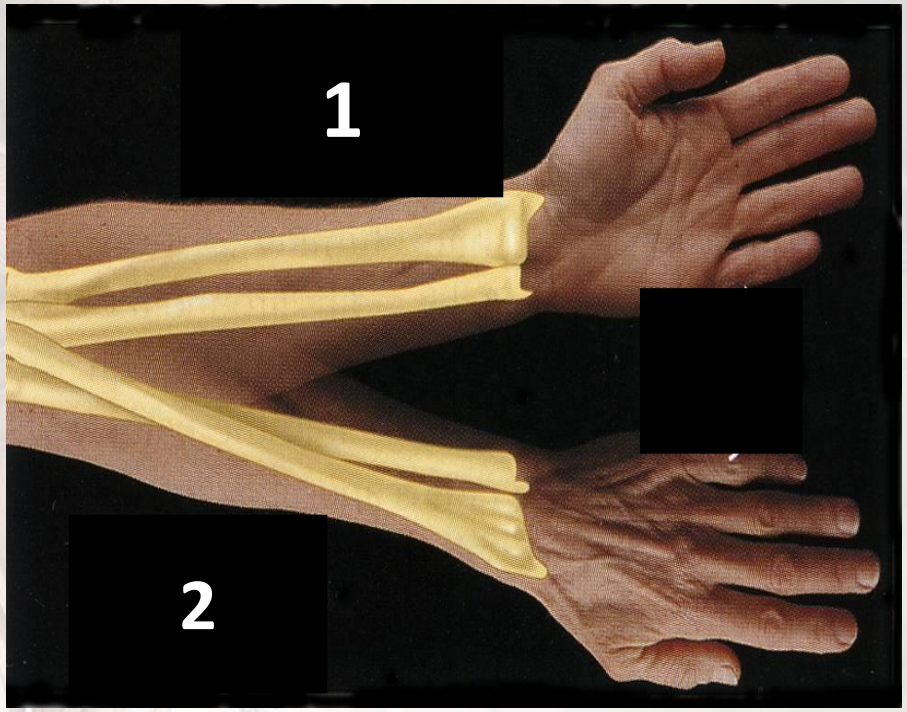
1.

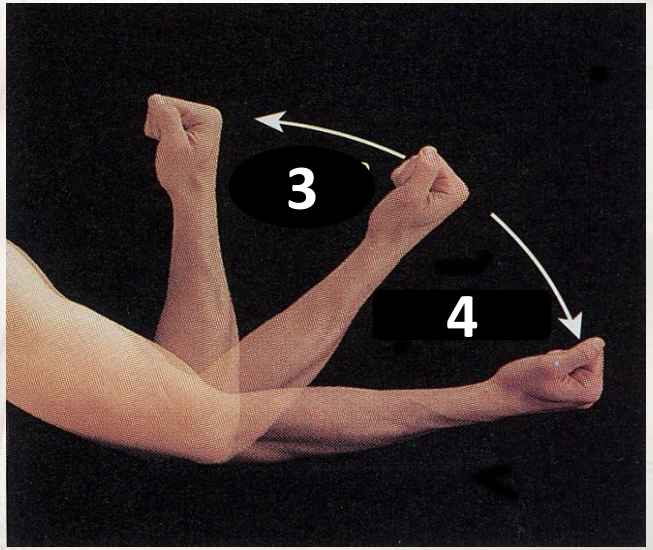
2.

3.

4.

Identify the lateral bone in figure 1





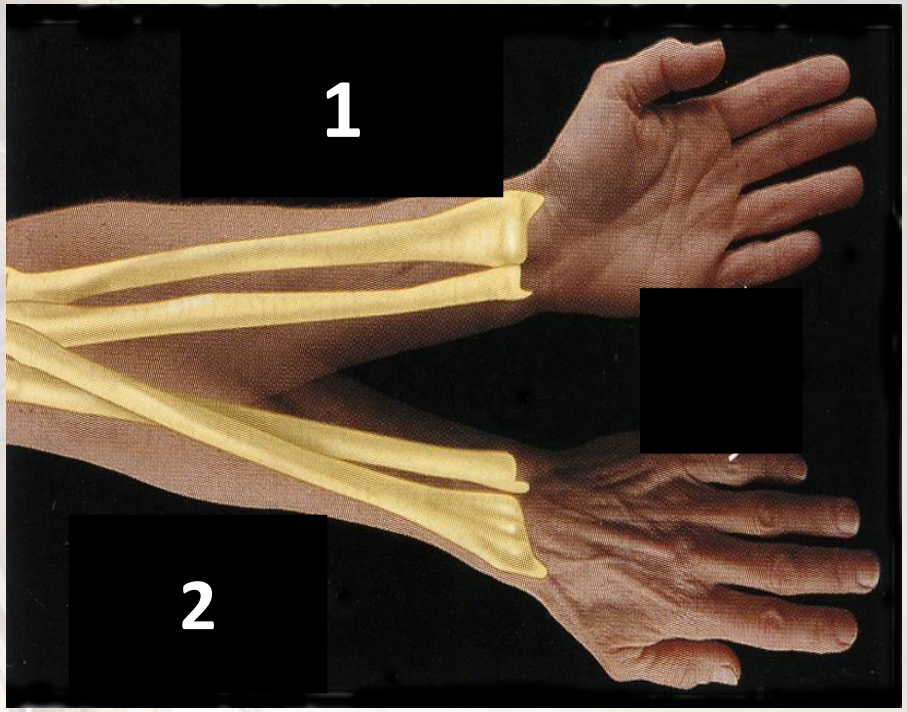
Case 5

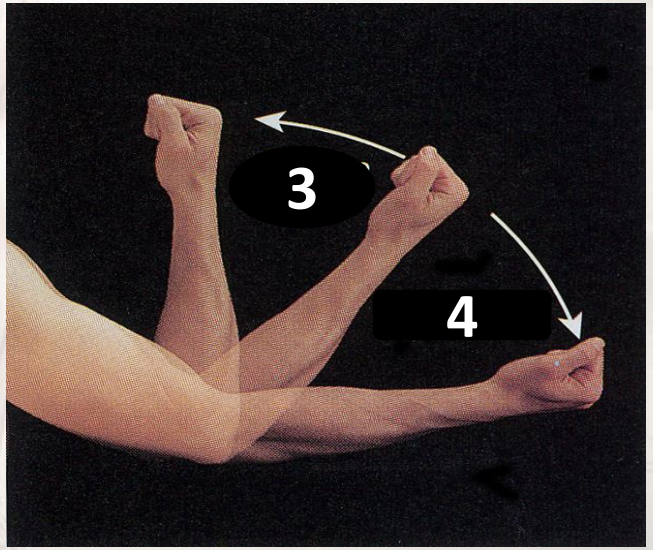
Identify these movements:

1. Supination « سبحان الله »
2. Pronation
3. Flexion
4. Extension

Identify the lateral bone in figure 1 :

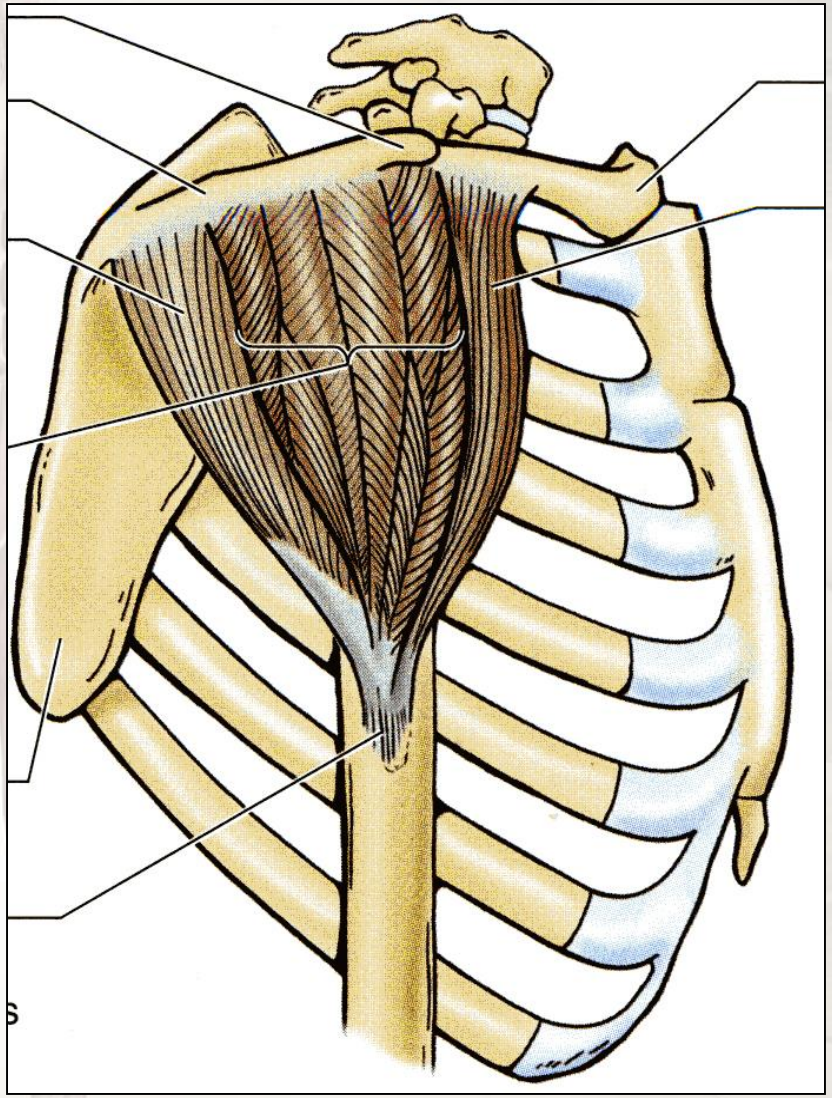
Radius





Case 6

Identify the type of this skeletal muscle:



Case 6

Identify the type of this skeletal muscle:

Multipennate

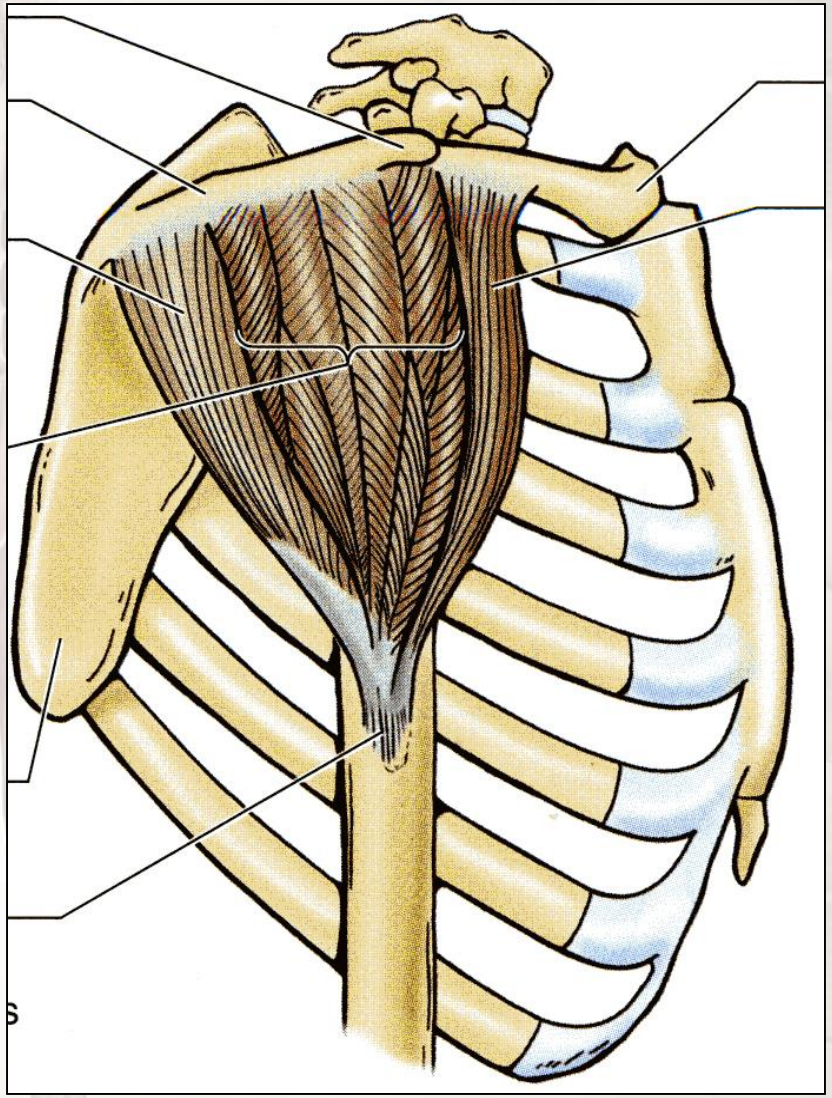
Remember:

Types of skeletal muscles :

1- Parallel

2- pennate

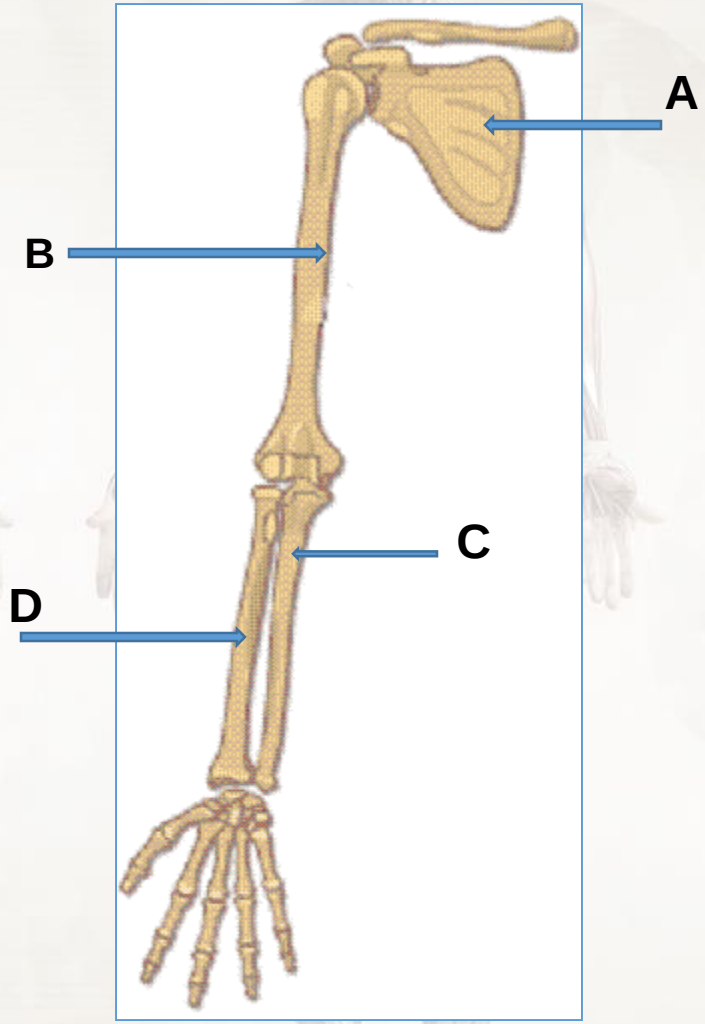
- Unipennate
- Bipennate
- Multipennate



Case 7

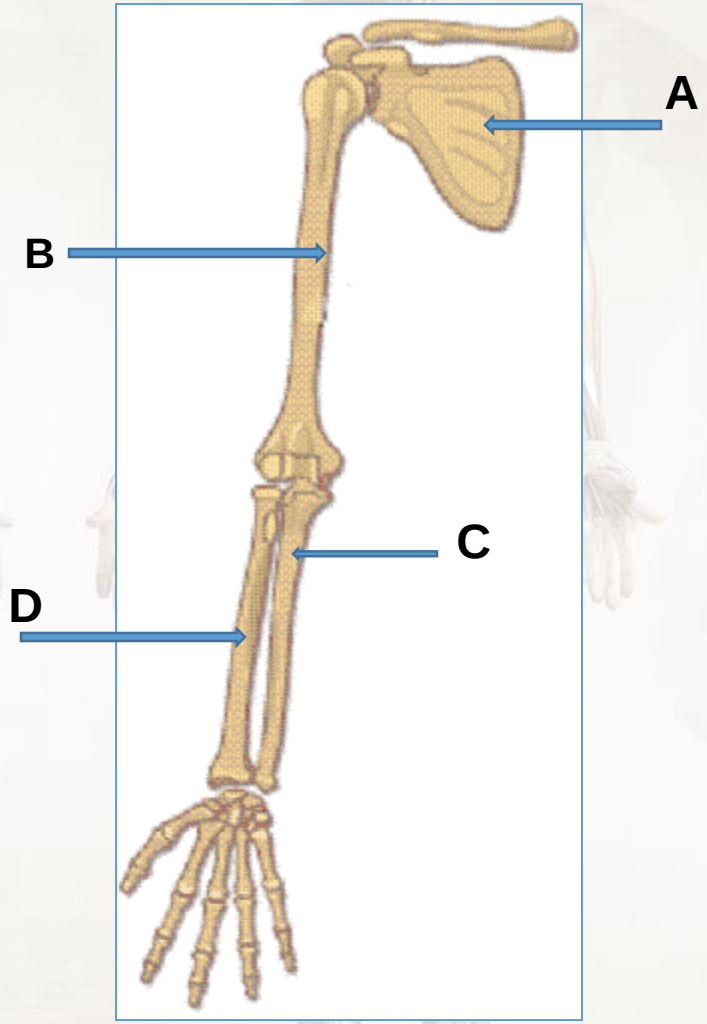
Identify:

A.
B.
C.
D.



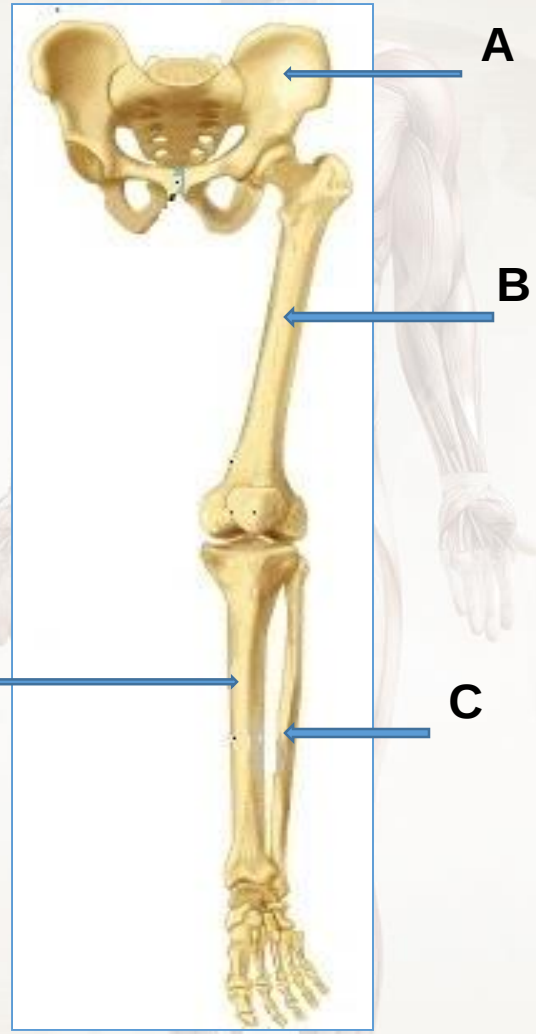
Case 7

Identify:
A. Scapula
B. Humerus
C. Ulna (Medial)
D. Radius (Lateral)



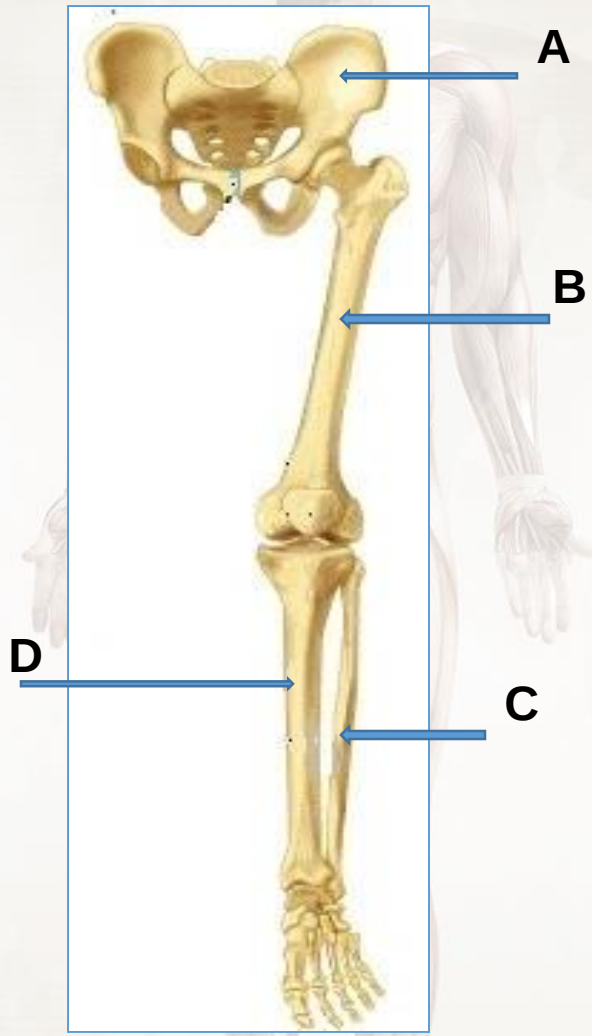
Case 8

Identify
A.
B.
C.
D.



Case 8

Identify:
A. Hip Bone
B. Femur
C. Fibula (smaller & lateral)
D. Tibia (bigger & medial)



Case 9

Identify parts of the brain marked A, B, C, D, & E:

A.

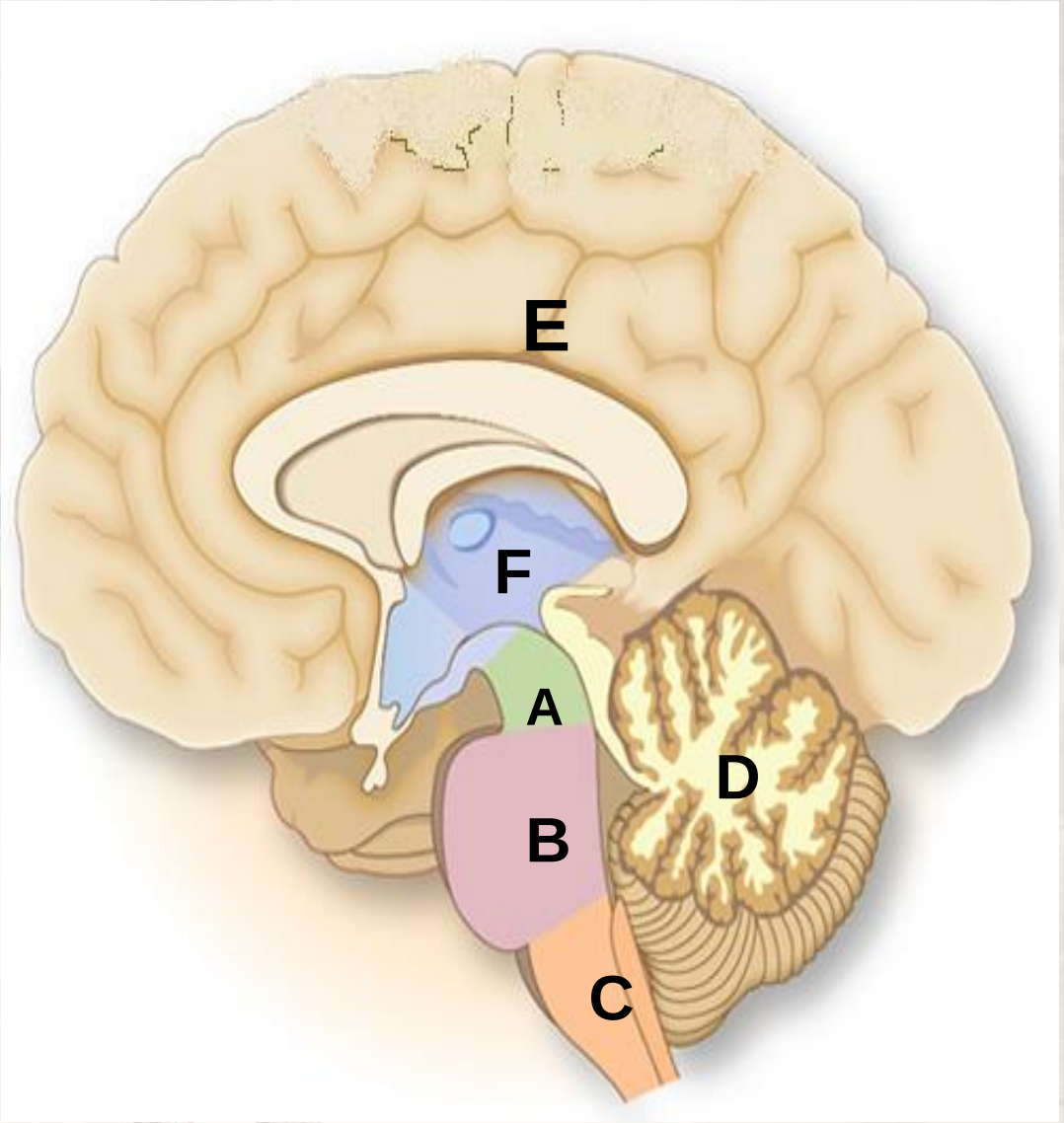
B.

C.

D.

E.

F.

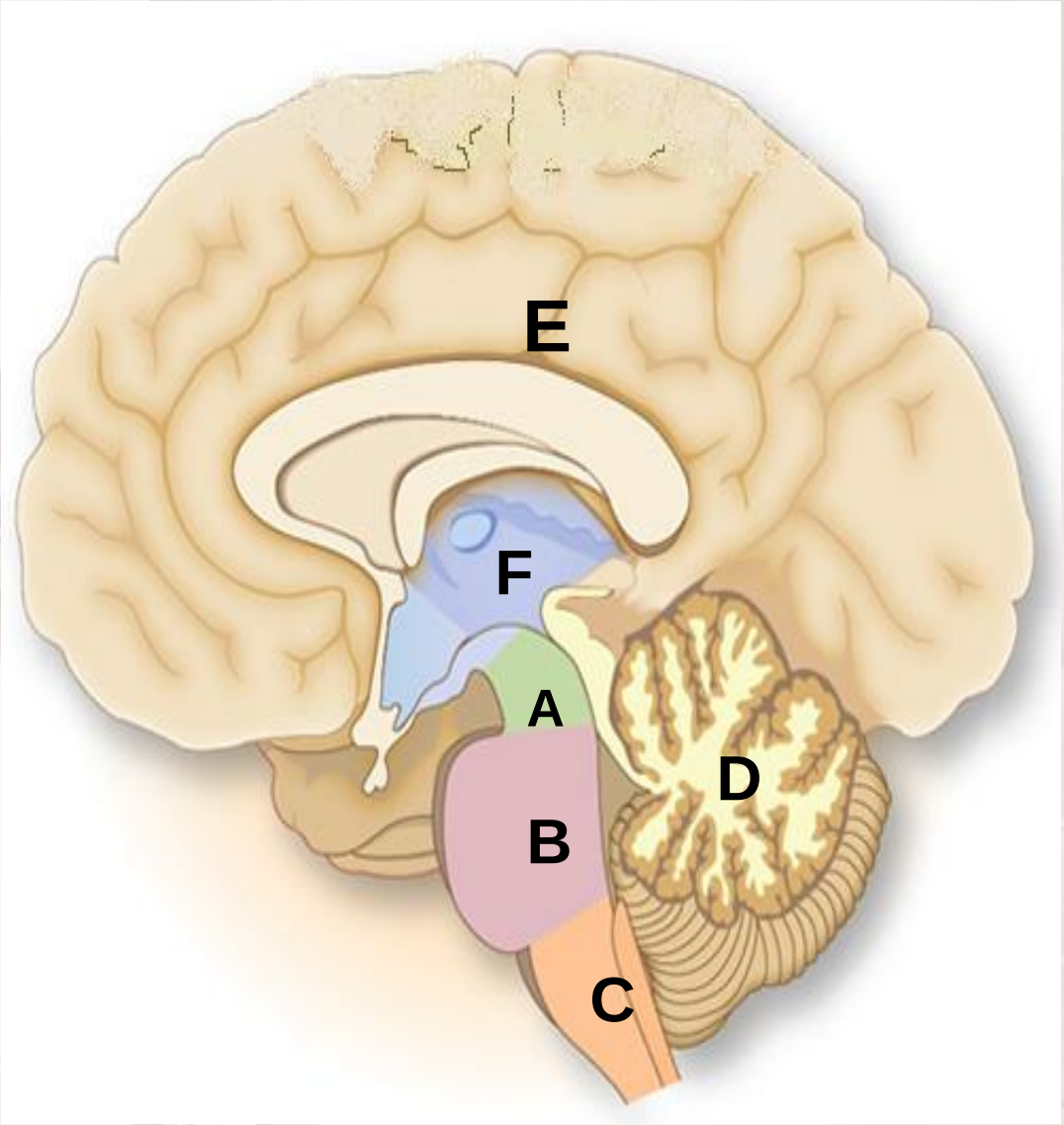


Case 9

Identify parts of the brain marked A, B, C, D, & E:

A. Midbrain
B. Pons
C. Medulla oblongata
D. Cerebellum
E. Cerebrum
F. Diencephalon

A + B + C = Brain Stem



Case 10

Identify the bones :

A.

B.

C.

Case 10

Identify the bones :

A. Ulna

B. Radius

C. 2nd Metacarpal bone

Note :

- The radius lower end is bigger than the ulna lower end.
- To count the metacarpal bones; we start from the thumb.

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Good Luck