

Practical

Lower Limb :

A) Bones

- Injury to the common peroneal n . in the neck of fibula → foot drop .
 - post. to the medial malleolus → groove for tibialis posterior . (غالباً يسأل عنها)
 - lateral & inf. Aspect of Cuboid → groove for peroneus longus tendon .
 - medial aspect of calcaneus → groove for Hallucis longus tendon .
 - tuberosity of 5th metatarsal bone → insertion for peroneus previs muscle .
 - lower head of femur → Intercondylar notch .
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B) X-ray (1-3) Qs

Note : the Fractures are not included .

1) you have to be able to identify the bones of foot , so memorize them !

2) a structure is pointed ; then the dr. asks :

the muscle attached to the pointed structure is supplied by ?!

-- **Greater trochanter** ; insertion for Gluteus medius & minimus → innervated by : Sup. Gluteal nerve .

-- **Lesser trochanter** ; insertion for Iliopsoas muscle → innervated by :
Psoas : Lumber plexus nerves . Iliacus : femoral nerve .

All muscles attached to the pointed structure are supplied by Except

-- **Ischial tuberosity** ; the muscles attached to it are :

- biceps femoris (**long** head) → tibial portion of sciatic nerve .
- semimembranosus & semitendinosus → tibial portion of sciatic nerve .
- Adductor magnus (**hamstring or ischial** portion) → tibial portion of sciatic nerve .

Now ;

- Biceps femoris (**short** head) → common peroneal nerve .
- Adductor magnus (**pubic** portion) → Obturator nerve .

so the answer will be one of the two previous points .

C) a question about the unligated structure !

Head & Neck :

A) Dura

the ligated structure (sinus) drains into !?

- **sup. Sagittal sinus** :

receives the Sup. Cerebral veins .

drains into **Right** Transverse sinus → Rt. sigmoid sinus → Rt. internal jugular vein .

- **Inf. Sagittal sinus** :

joins the Great Cerebral vein.

drains into **Left** Transverse sinus → Lt. sigmoid → Lt. internal jugular vein .

B) Blood supply

Identify major & clear arteries .

- common carotid

- facial
- superficial temporal .

Vertebral column :

- 1) Atlas : identify
- 2) Axis : has odontoid process .
- 3) Atlantoaxial joint : for rotation of the head on the axis
- 4) intervertebral disks : read the whole info. about it
- 5) foramen transversarium : in the cervical vertebrae for the passage of vertebral arteries & veins
- 5) 1st rib : scalene tubercle on the sup. surface
anterior groove for subclavian vein & posterior groove for the artery