

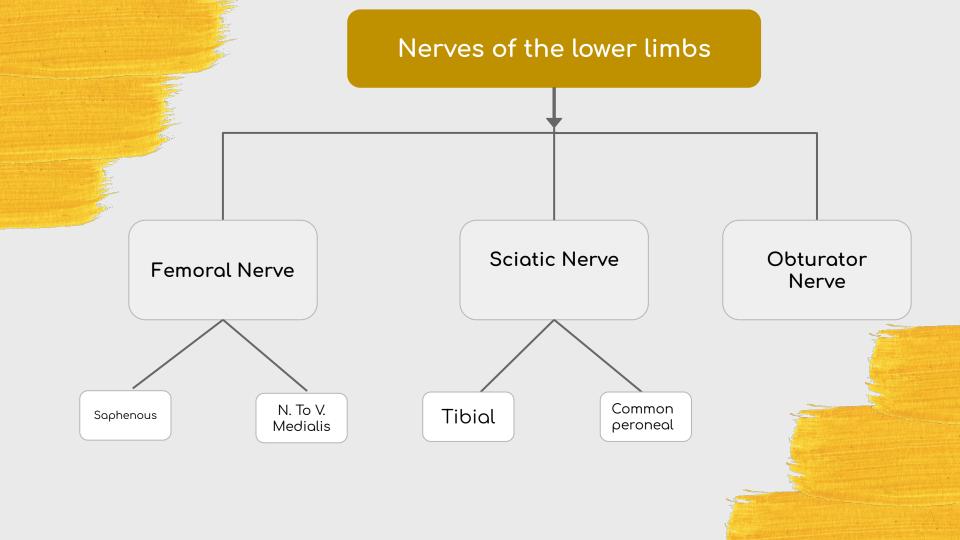
Notes

the information in this file is based on the things that was given during practical sessions along with doctors' notes

To ensure your grade on each question:

- 1-Make sure your SPELLING is correct
- 2-Make sure you write the FULL name or location of the object precisely





Sciatic Nerve

Roots

L4, L5, S1, S2, S3

1-Posterior Compartment:
-Hamstring part of Adductor Magnus

-Biceps Femoris

-Semitendinosus

-Semimembranosus

2-All muscle below the knee (leg,foot)

It will pass below piriformis



Innervation

*In general we can say that the posterior compartment and the muscles below the knee are supplied by the sciatic nerve; but they are actually supplied by the tibial, fibular, and sural branches of the sciatic nerve

Tibial Nerve

Common peroneal nerve

Origin

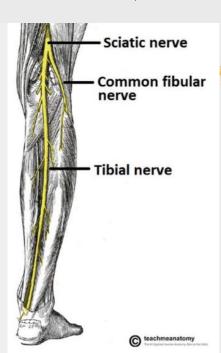
Is a portion of the sciatic

Innervation

-muscles of posterior compartment of leg

-Intrinsic muscles of sole

-ONE invertor of the foot (tibialis posterior)





Not that important

Femoral Nerve

From medial to lateral: VAN (Femoral Vein, Artery, and Nerve)

Roots

L2, L3,L4

Innervation

Anterior Compartment:

-Quadriceps femoris (Rectus femoris, Vastus intermedius, Vastus medialis, Vastus lateralis)

-Sartorius, -Pectineus,

-lliacus not psoas major

Branches

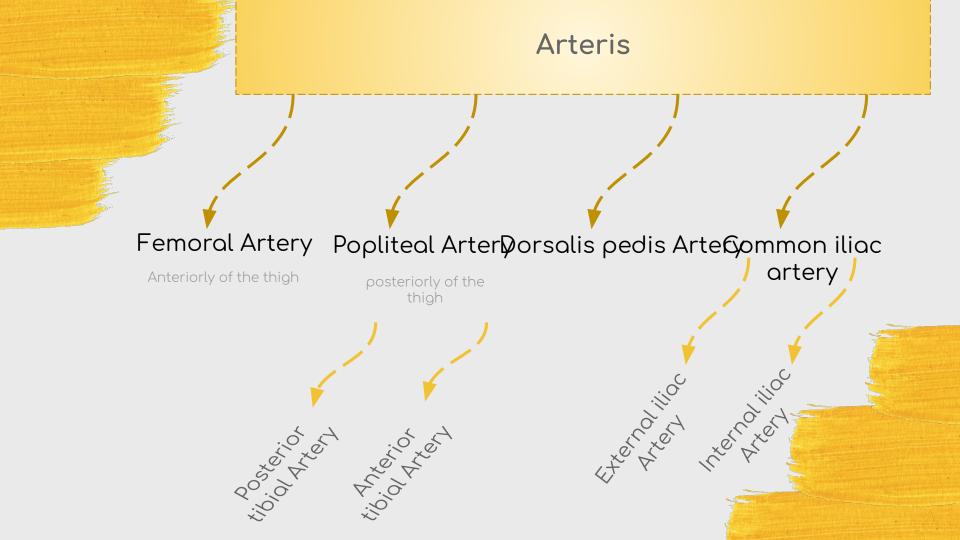
Saphenous Nerve (Longest Cutaneous nerve of the Body)

Nerve to Vastus Medialis (Short branch of femoral nerve)

Enters vastus medialis muscle and finishes there through the adductor canal and leves it from the upper third







Femoral Artery

It is the continuation of the External Iliac artery

Is the main arterial supply to the lower limb

Between femoral nerve laterally and femoral vein medially

supplies : lower abdominal, thigh, External genitalia





From medial to lateral: VAN (Femoral Vein, Artery, and Nerve) Popliteal Artery

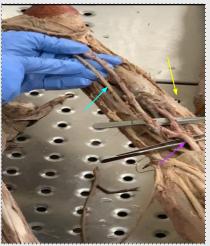
The continuation of the femoral artery.

The lower border of popliteal muscle

When you see any artery in the posterior compartment of the thigh that is POPLITEAL ARTERY











Common iliac Artery



External iliac Artery

- * Popliteal Artery
- * Posterior tibial Artery
- * Anterior tibial Artery

- * Popliteal Artery
 Posterior tibiol Arter
- * Posterior tibial Nerve

Dorsalis pedis Artery

Don't stop until you are proud.

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