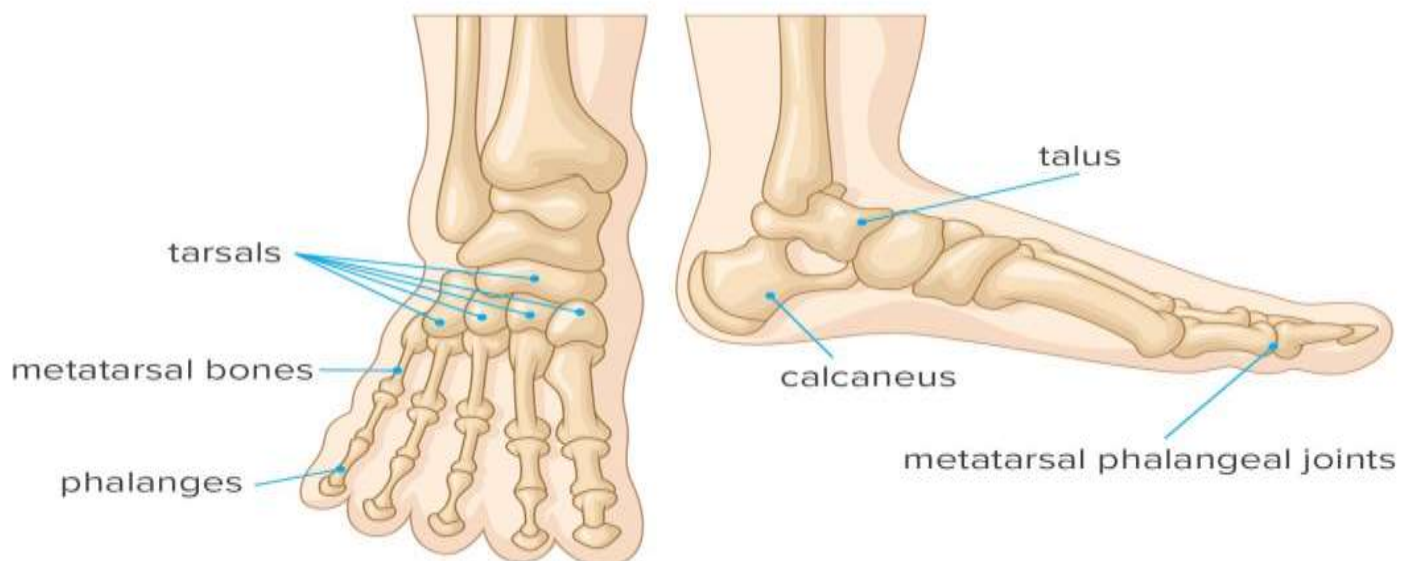
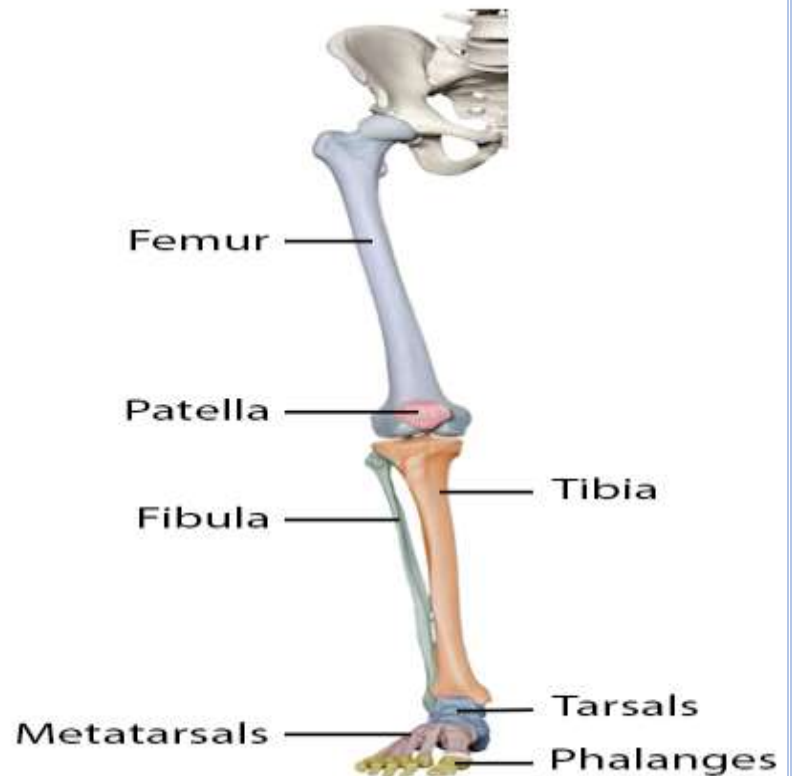




Lower limbs

The lower extremity can be divided into several parts or regions, as follows:

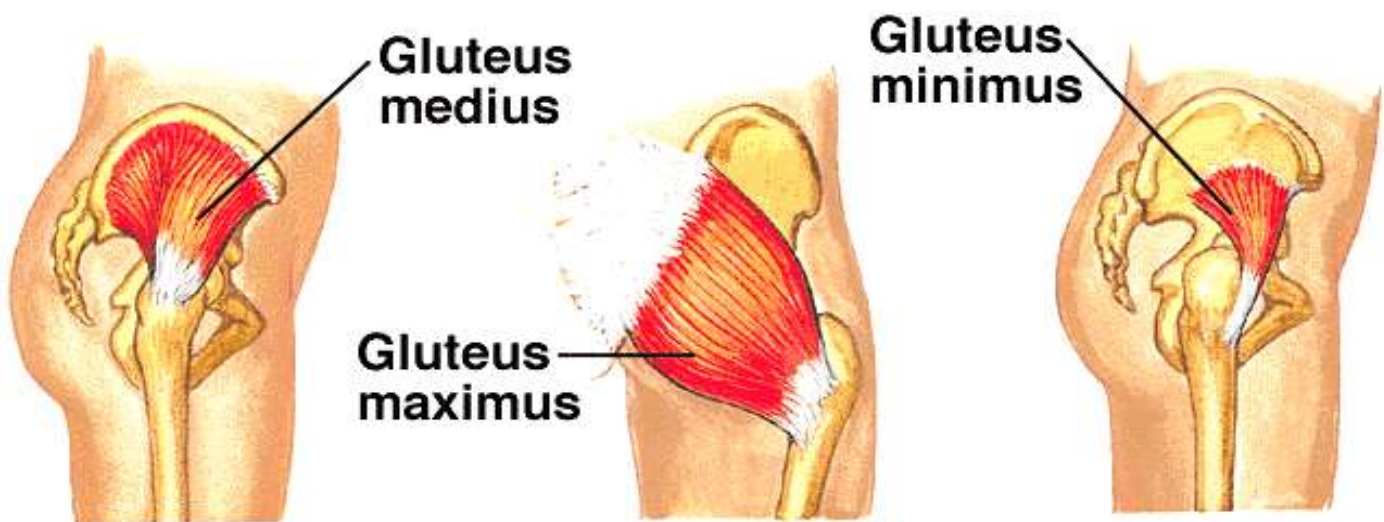
- The Gluteal region
- Thigh
- Leg
- Foot



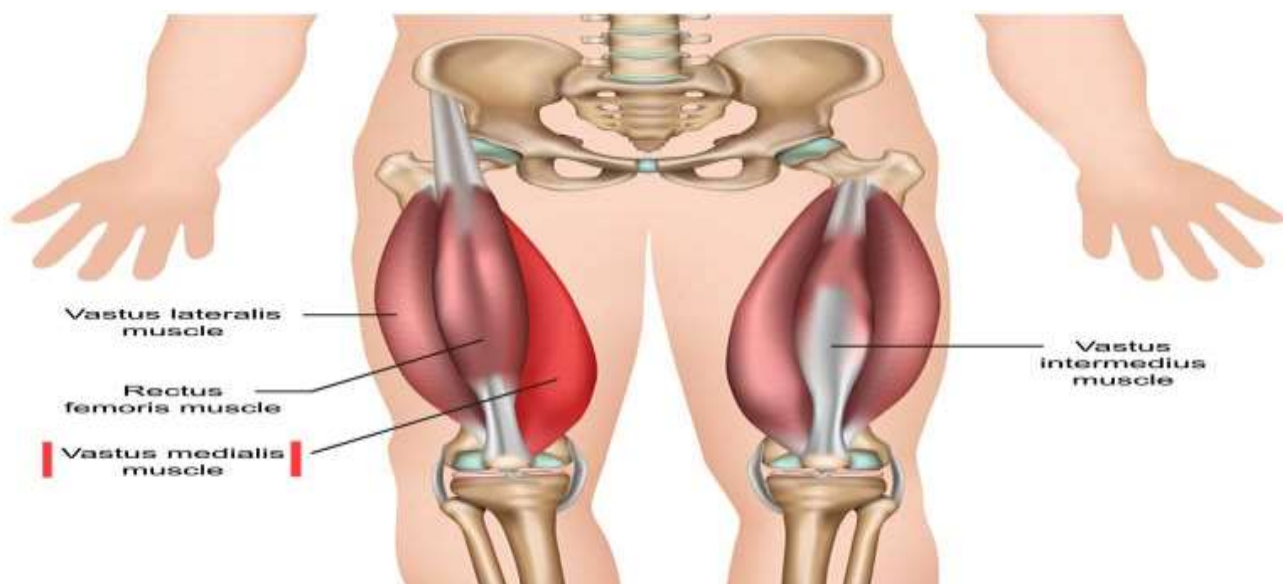


Muscles of lower limbs

Muscles of the Gluteal Region:



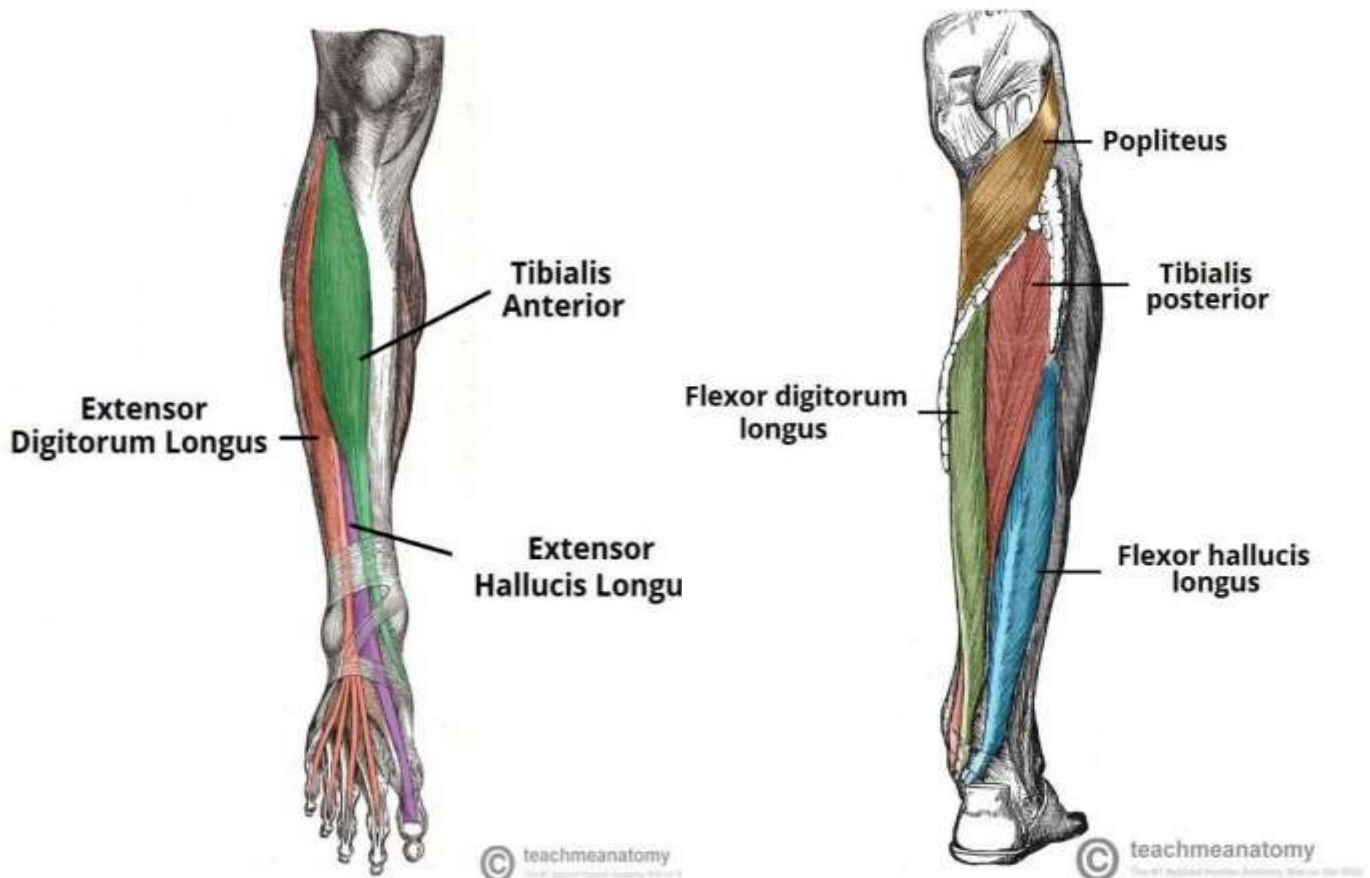
Muscles of the thigh:





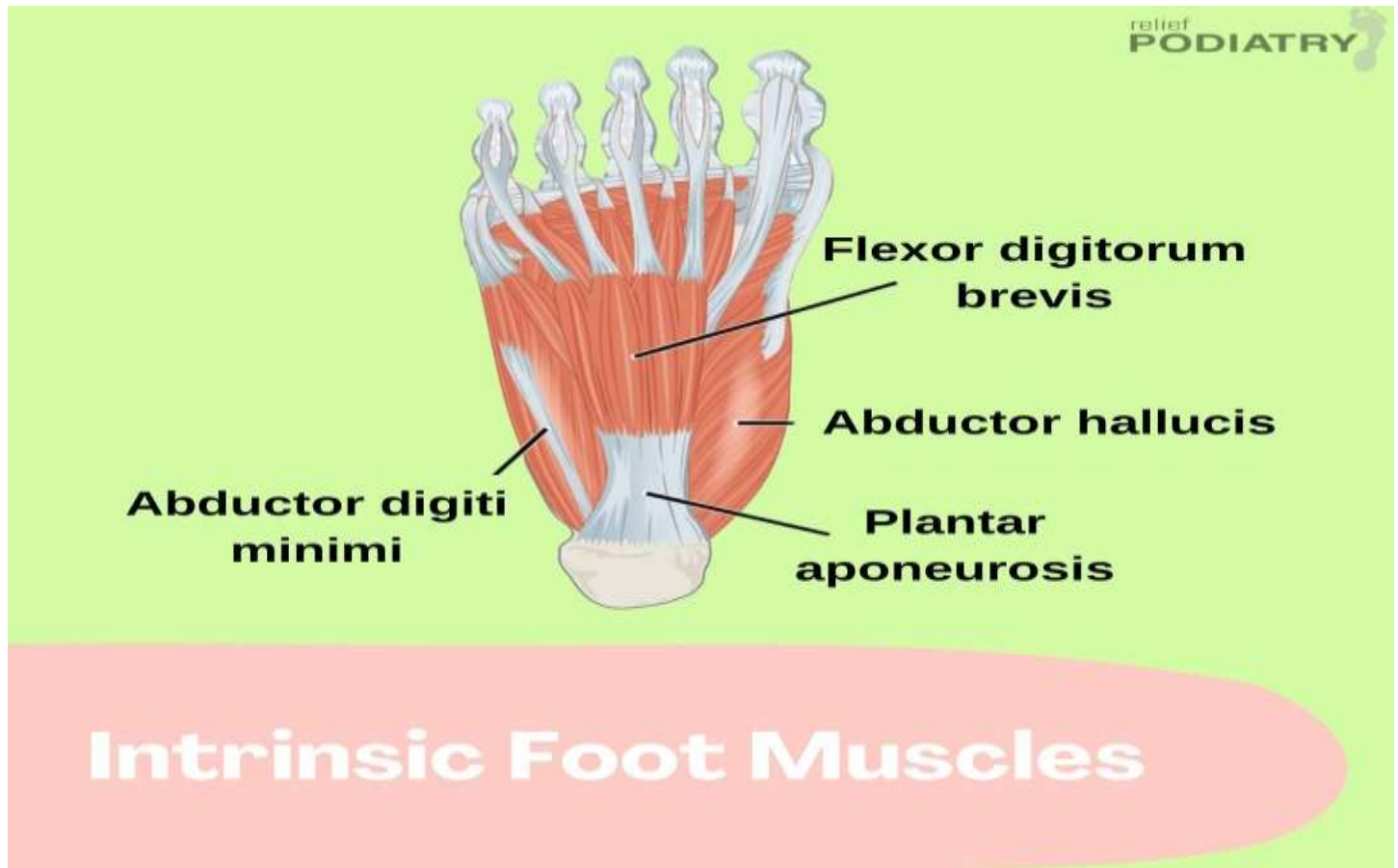
Muscles of the Leg:

- **Tibialis Anterior:** Dorsiflexes (lifts) the foot and helps with inward rotation of the foot.
- **Extensor Digitorum Longus:** Extends (raises) the four smaller toes and assists in lifting the foot.
- **Extensor Hallucis Longus:** Extends (raises) the big toe and helps lift the foot.
- **Popliteus:** Assists in knee flexion and inward rotation of the leg when the knee is bent.
- **Tibialis Posterior:** Supports the arch of the foot and helps with plantarflexion (pointing the foot down) and inward rotation.
- **Flexor Digitorum Longus:** Flexes the four smaller toes and assists in pointing the foot down.
- **Flexor Hallucis Longus:** Flexes the big toe and also assists in pointing the foot down, providing support during walking.



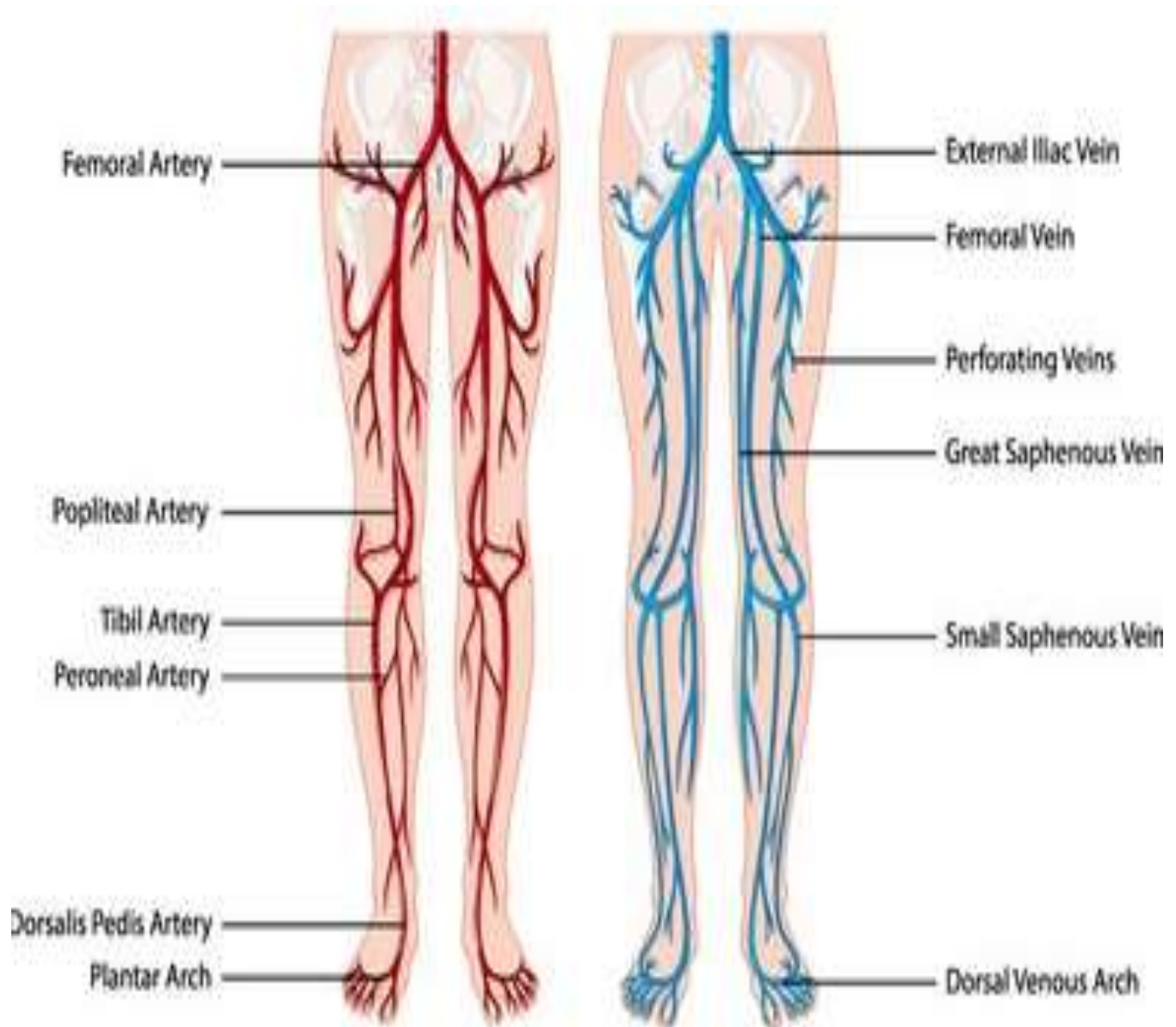


Muscles of the foot:



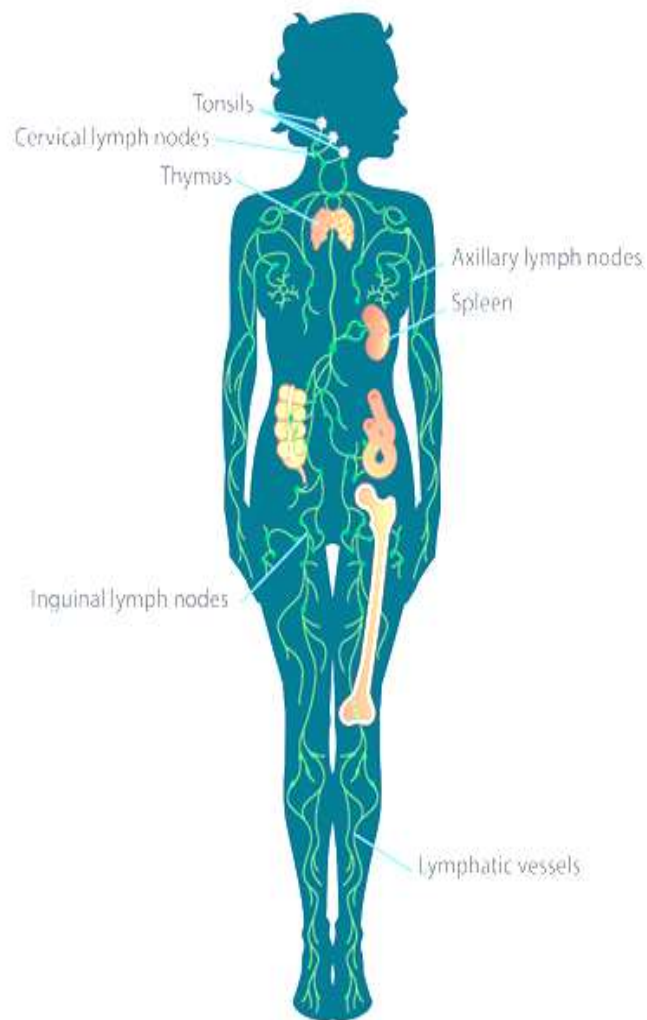


Arteries and veins of lower limbs



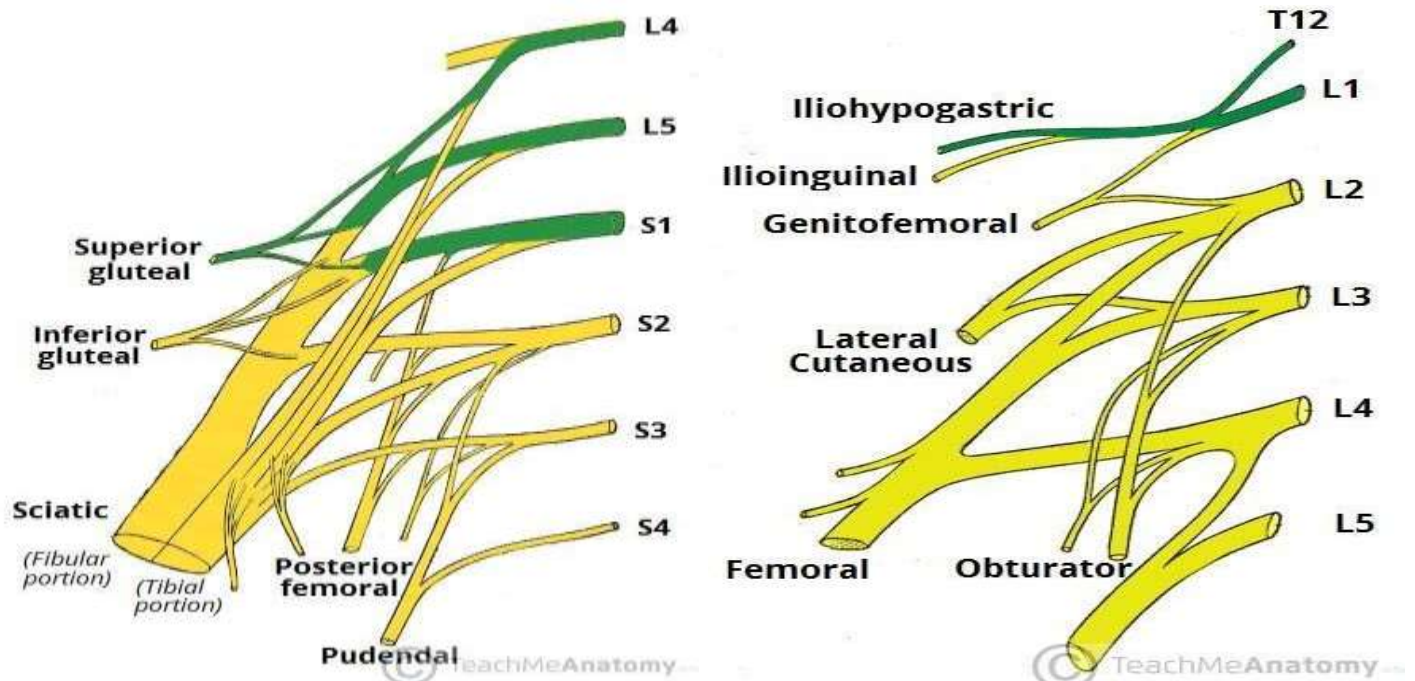


Lymphatic of lower limbs





Nerve supply of lower limbs



Joints of lower limbs

