Introduction of Lower Limb



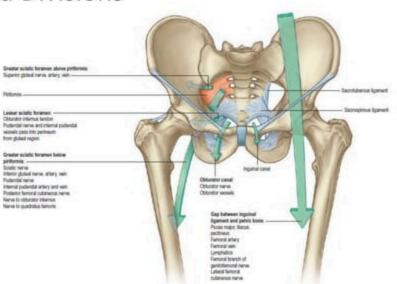
Dr M S Ansari

Learning Objectives

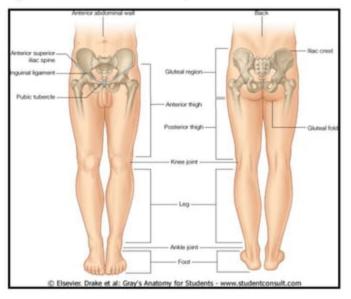
- General Plan
- Surface Anatomy
- Bones of the Lower Limb
- Muscles
- Innervation
- Vasculature

General Plan and Divisions

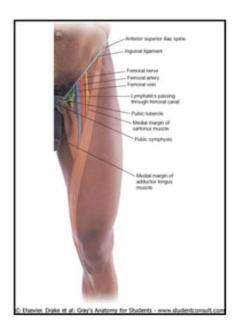
- Pelvis/Gluteal Region
- Thigh
- Leg
- Foot



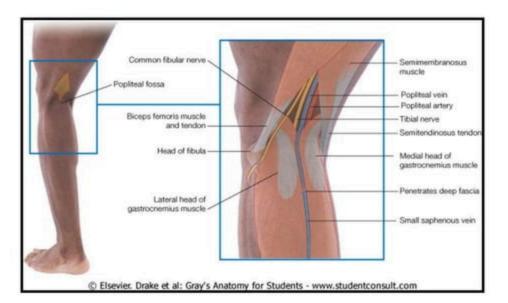
Surface Anatomy Gluteal region / Posterior pelvis



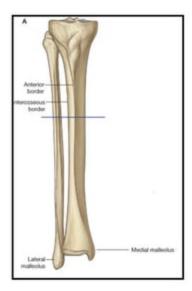
Anterior thigh and leg



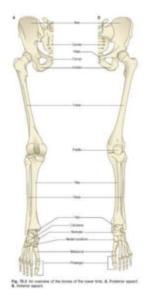
Posterior leg/Popliteal fossa



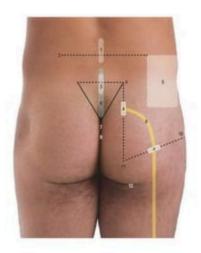
Anterior leg bones/Landmarks

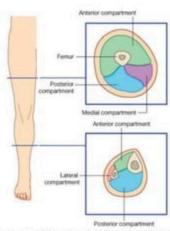


Bones of the Lower Limb



Muscles

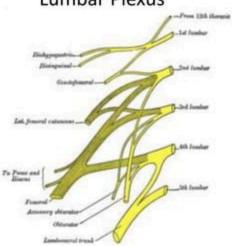


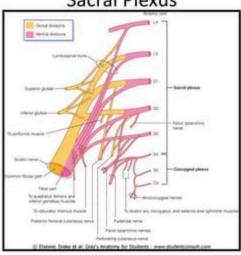


D Elsevier. Drake et al: Gray's Anatomy for Students - www.studentconsult.com

Innervation

Plexuses of the Lower Limb/Lumbosacral plexus
Lumbar Plexus
Sacral Plexus



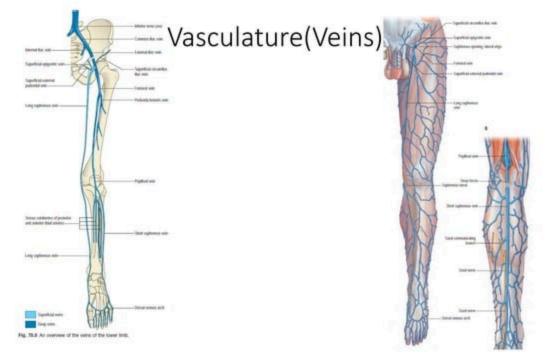


Vasculature(Arteries)

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MCQs

- Q. There was a discussion among the students about the general action plan of the lower limb muscles. Which of the following statement is most consistent with general action plan of the lower limb muscles?
- a. Predominantly act through their distal attachment
- b. Predominantly act through their proximal attachment
- c. Predominantly act through both a) and b)
- d. There is no any general action plan

- Q. Which of the following is the most important action of Gluteus medius and minimus?
- a. Abduction of hip
- Rotation of hip
- c. Stabilization of hip
- d. Flexion of hip

