

LEG

Marc Revol (2010)

3 compartments

(one compartment, one nerve)

- Anterior (extensor) : *deep peroneal nerve*
- Lateral (peroneal) : *superficial peroneal nerve*
- Posterior (flexor) : *tibial nerve*

Anterior compartment

- Tibialis anterior
- Extensor hallucis longus
- Extensor digitorum longus
- Peroneus tertius

Lateral compartment

- Peroneus (fibularis) longus
- Peroneus (fibularis) brevis

Posterior compartment

2 groups separated by the deep transverse fascia :

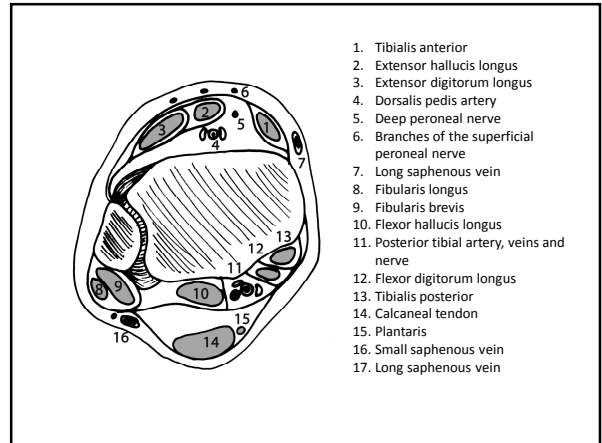
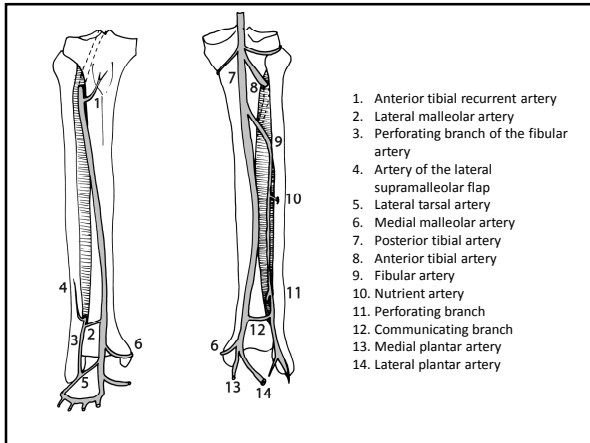
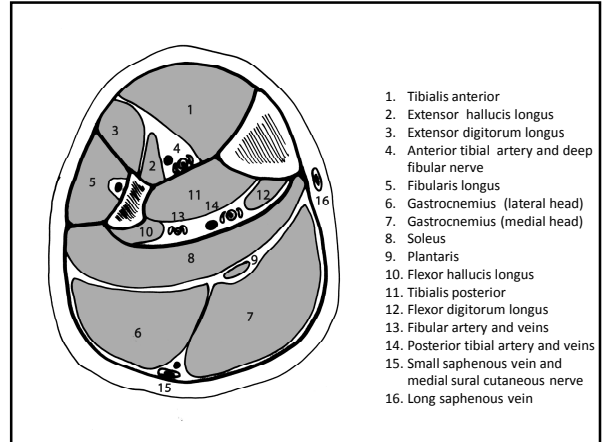
- Superficial flexor group :
 - Triceps surae (gastrocnemius + soleus)
 - Plantaris
- Deep flexor group
 - Popliteus
 - Flexor digitorum longus
 - Flexor hallucis longus
 - Tibialis posterior

Vascular supply

- **Anterior tibial artery**
 - Posterior tibial recurrent artery
 - Anterior tibial recurrent artery
 - Perforating branches to the fascia
 - Anterior medial malleolar artery
 - Anterior lateral malleolar artery
- **Posterior tibial artery**
 - Circumflex fibular artery
 - Muscular and perforating branches
 - Communicating branch to the peroneal artery
 - Medial malleolar branches
 - Calcaneal branches
 - Medial and lateral plantar arteries
- **Peroneal artery**
 - Muscular and perforating branches
 - Communicating branch
 - Calcaneal branches

Innervation

- Tibial nerve
- Common peroneal nerve
 - Superficial peroneal nerve
 - Deep peroneal nerve
- Saphenous nerve (< femoral nerve)
- Sural nerve :
 - Medial sural cutaneous nerve (< tibial nerve)
 - Lateral sural cutaneous nerve (< common peroneal nerve)



sources

GRAY'S ANATOMY. The anatomical basis of clinical practice
Elsevier Churchill Livingstone, 39th edition, 2005 (1627 p)

Manuel de chirurgie plastique, reconstructrice et esthétique
Sauramps Médical, 2^{ème} édition, 2009 (874 p)