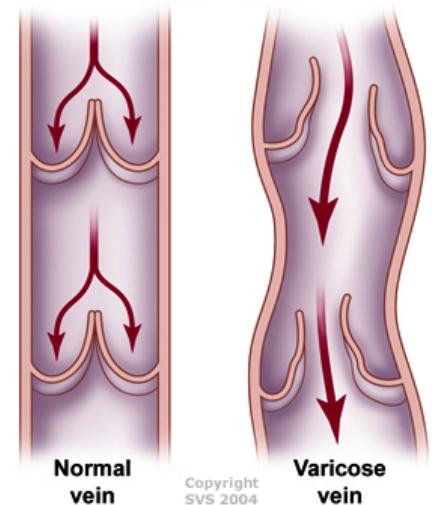
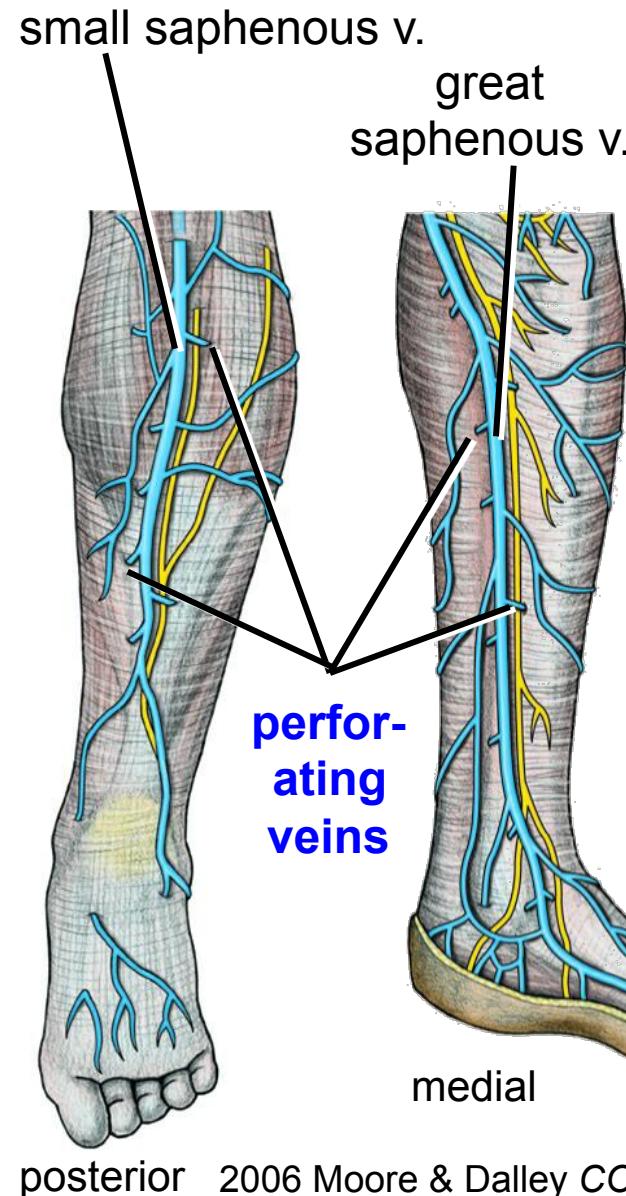


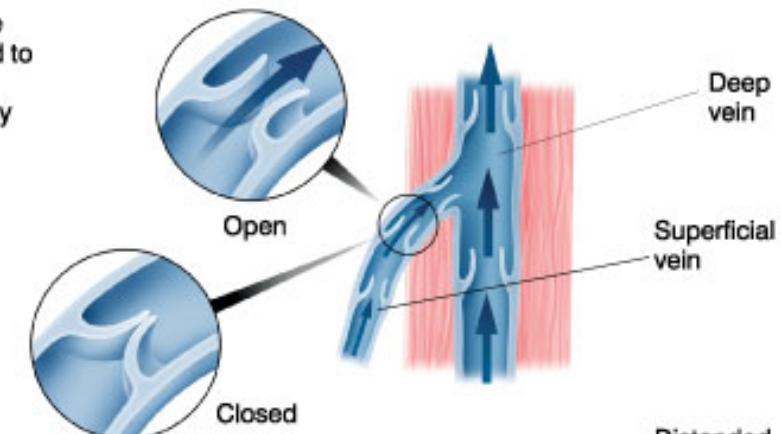


## Varicose Veins

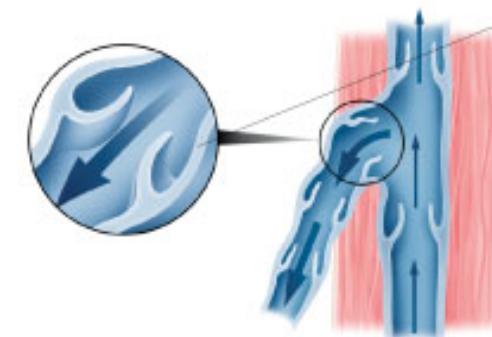


### Descending Valvular Incompetence

Normal valve  
Allows blood to flow in one direction only



Incompetent valve  
Blood under force of gravity distends the section of vein below it, causing further valves to fail



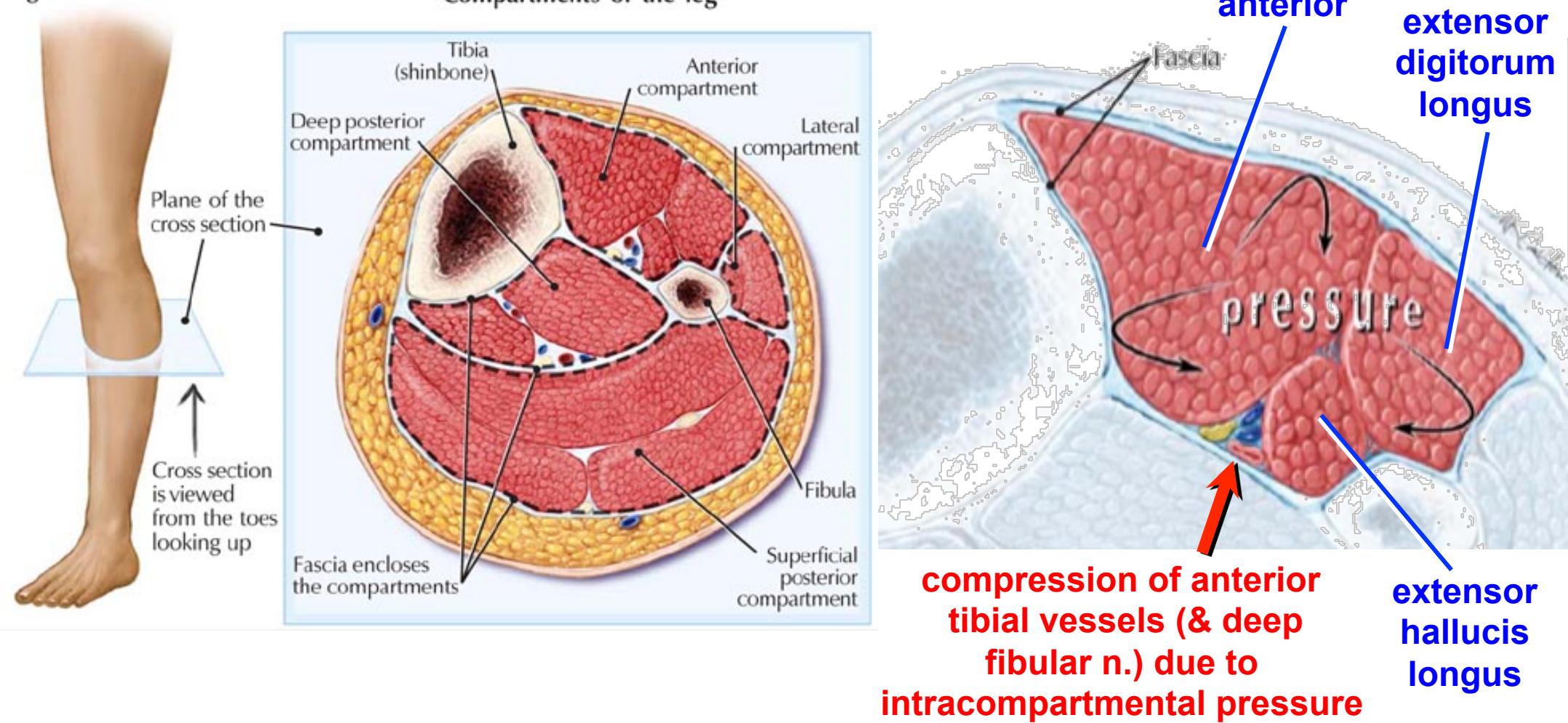
[www.familydoctor.co.uk/htdocs/varicose/varicose\\_specimen.html](http://www.familydoctor.co.uk/htdocs/varicose/varicose_specimen.html)

[vascularweb.org/\\_CONTRIBUTION\\_PAGES/Patient\\_Information/NorthPoint/Varicose\\_Veins.html](http://vascularweb.org/_CONTRIBUTION_PAGES/Patient_Information/NorthPoint/Varicose_Veins.html)



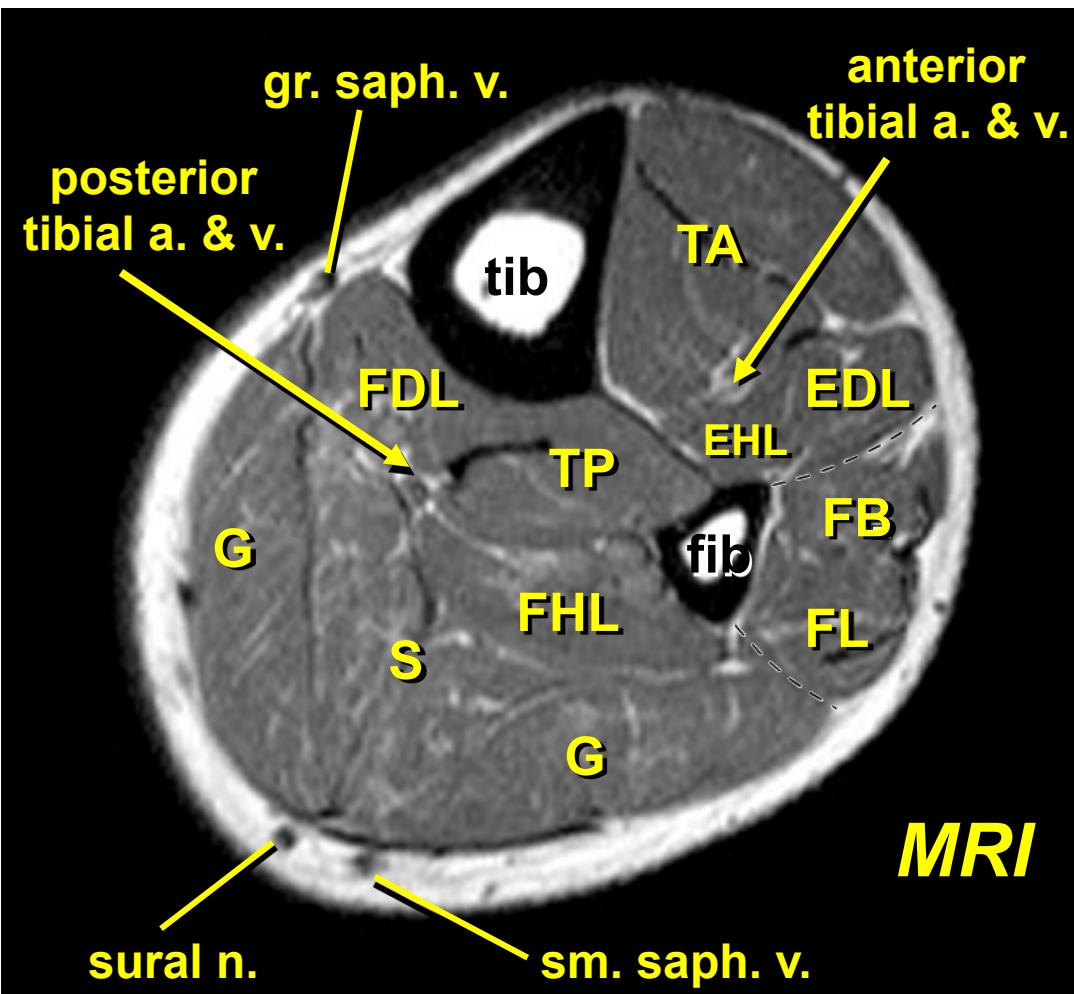
# Anterior (Tibial) Compartment Syndrome

Fig. 1

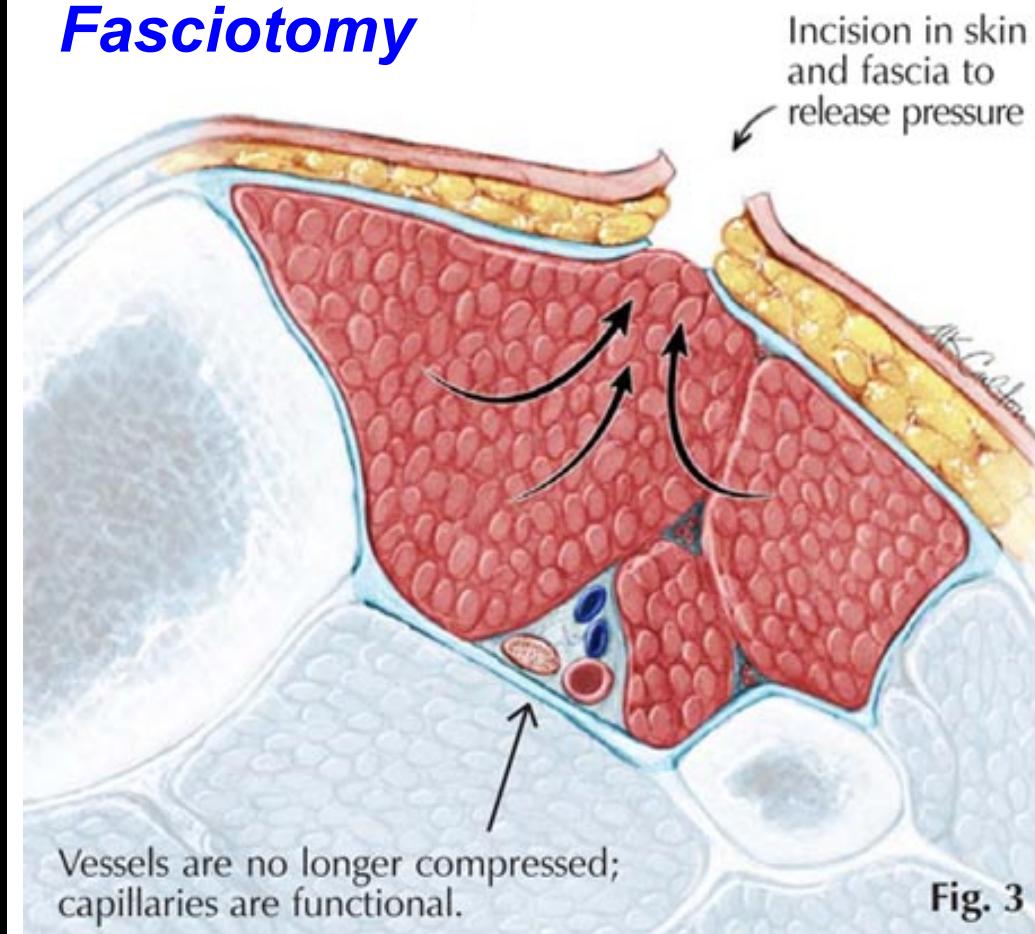




## Anterior (Tibial) Compartment Syndrome



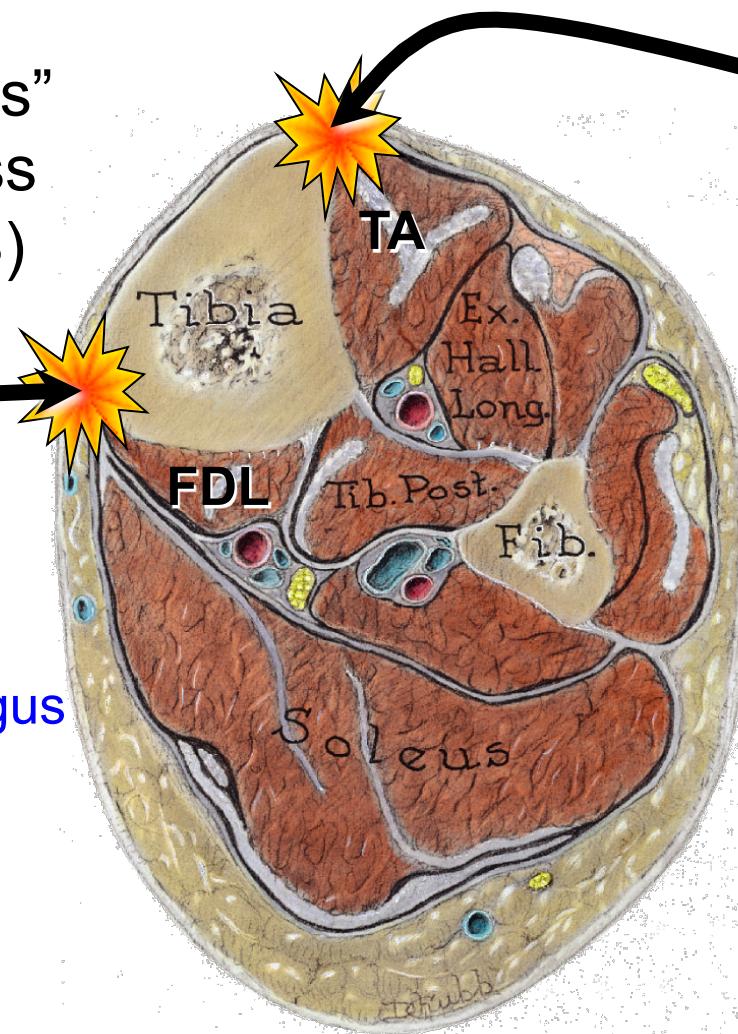
### Fasciotomy





## “Shin Splints”: MTSS vs. Tibialis Anterior Strain

“Medial Shin Splints”  
Medial Tibial Stress  
Syndrome (MTSS)



### Periostitis

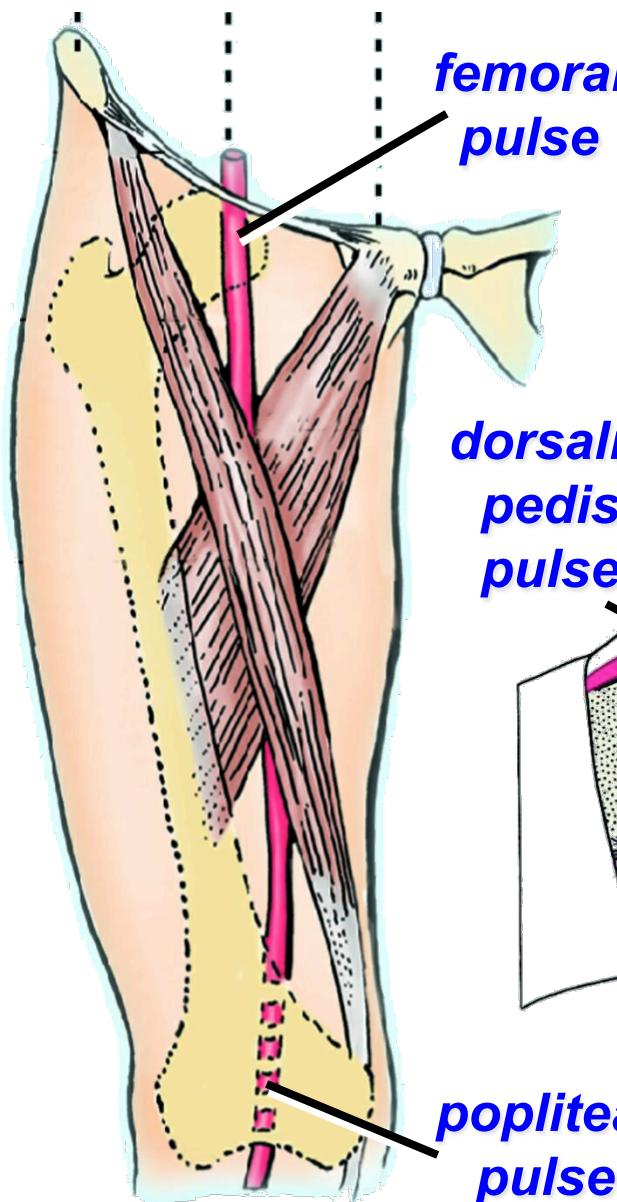
- Soleus
- Flexor digitorum longus

“Anterior Shin Splints”

- somewhat outdated use of “shin splints”
- probably should be regarded as a variant of anterior compartment syndrome

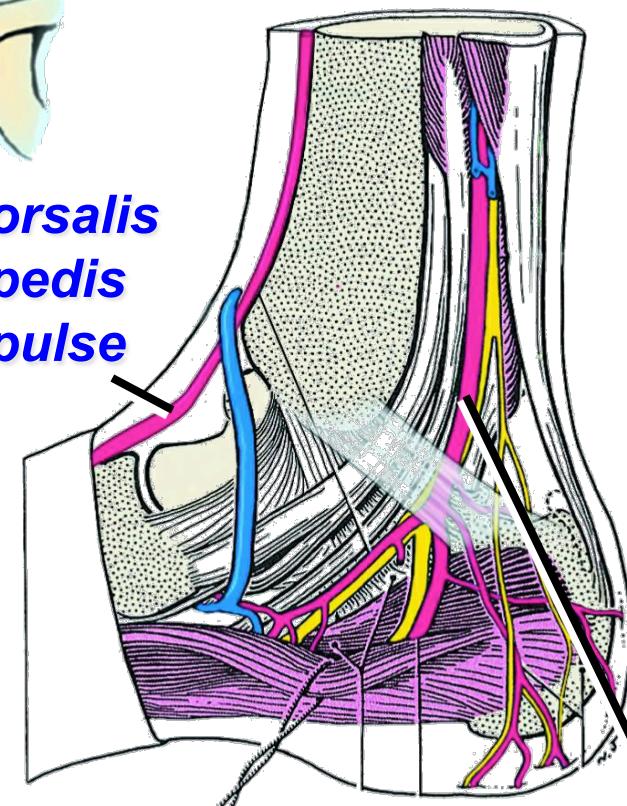


## Lower Limb Pulses



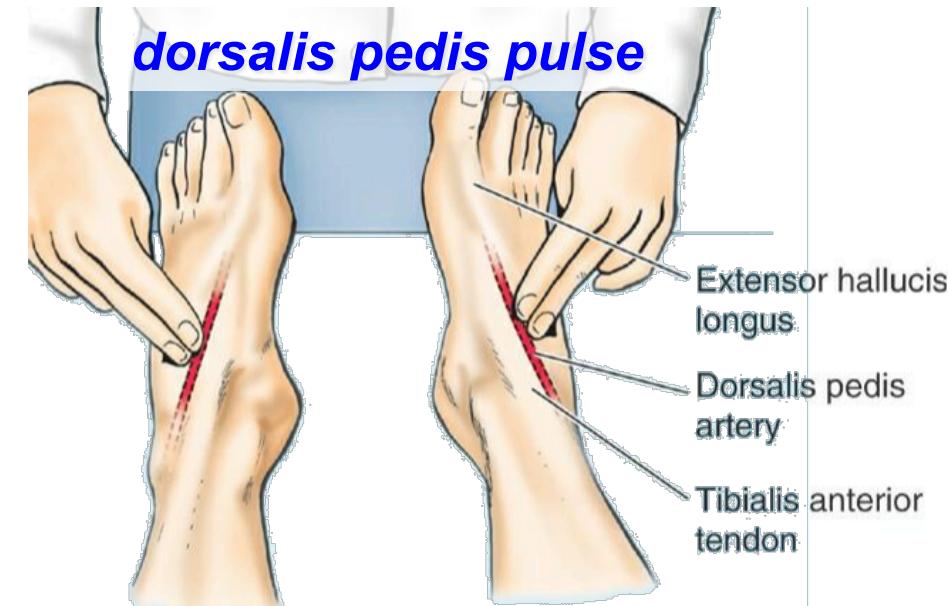
*femoral  
pulse*

*dorsalis  
pedis  
pulse*



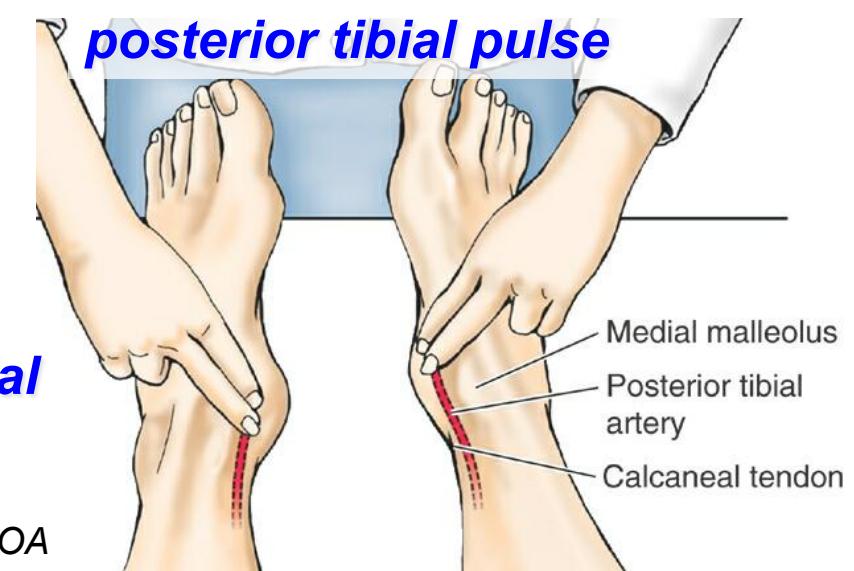
*posterior tibial  
pulse*

*popliteal  
pulse*



*dorsalis pedis pulse*

Extensor hallucis longus  
Dorsalis pedis artery  
Tibialis anterior tendon



*posterior tibial pulse*

Medial malleolus  
Posterior tibial artery  
Calcaneal tendon