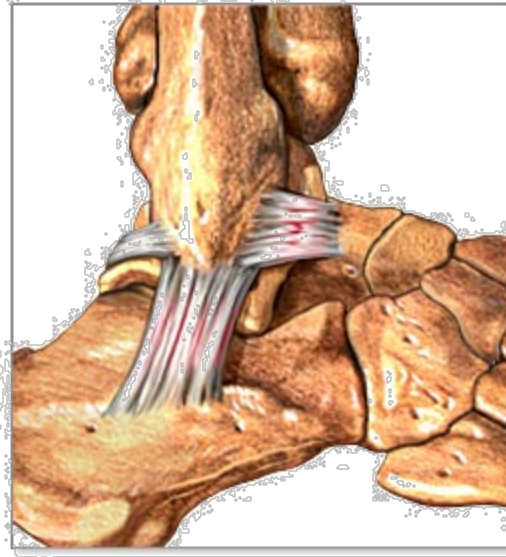


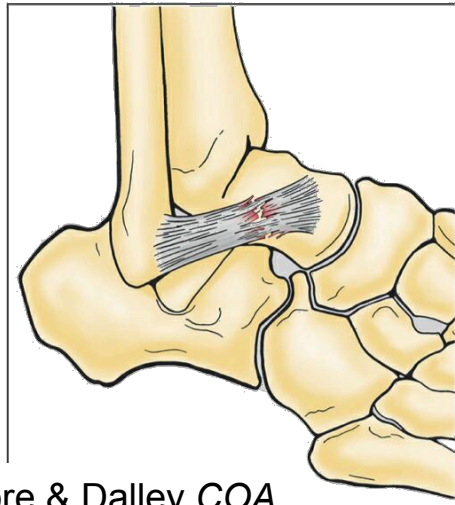
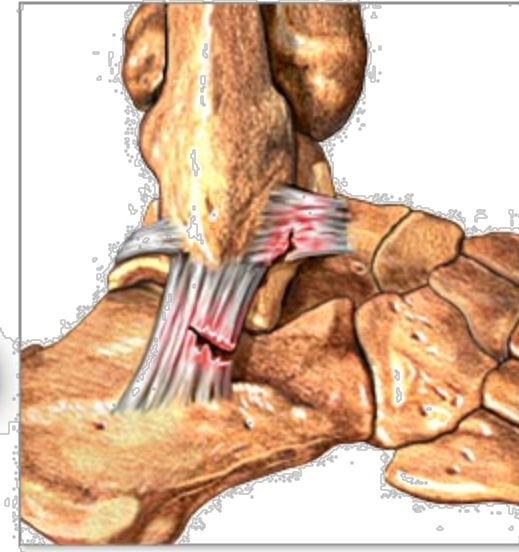
# Inversion Ankle Sprains



Type I Sprain  
• ligaments stretched

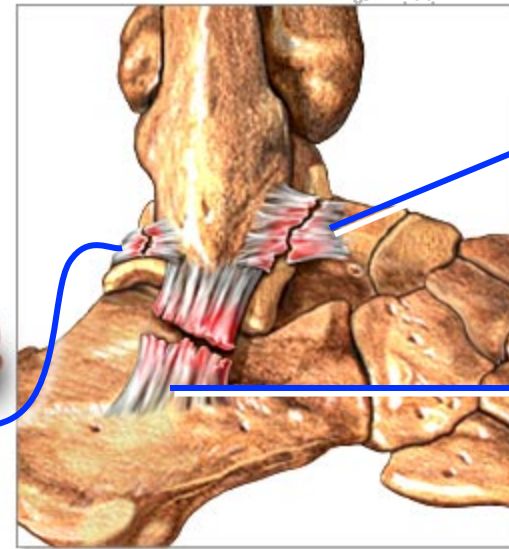


Type II Sprain  
• ligaments torn slightly



posterior talofibular ligament

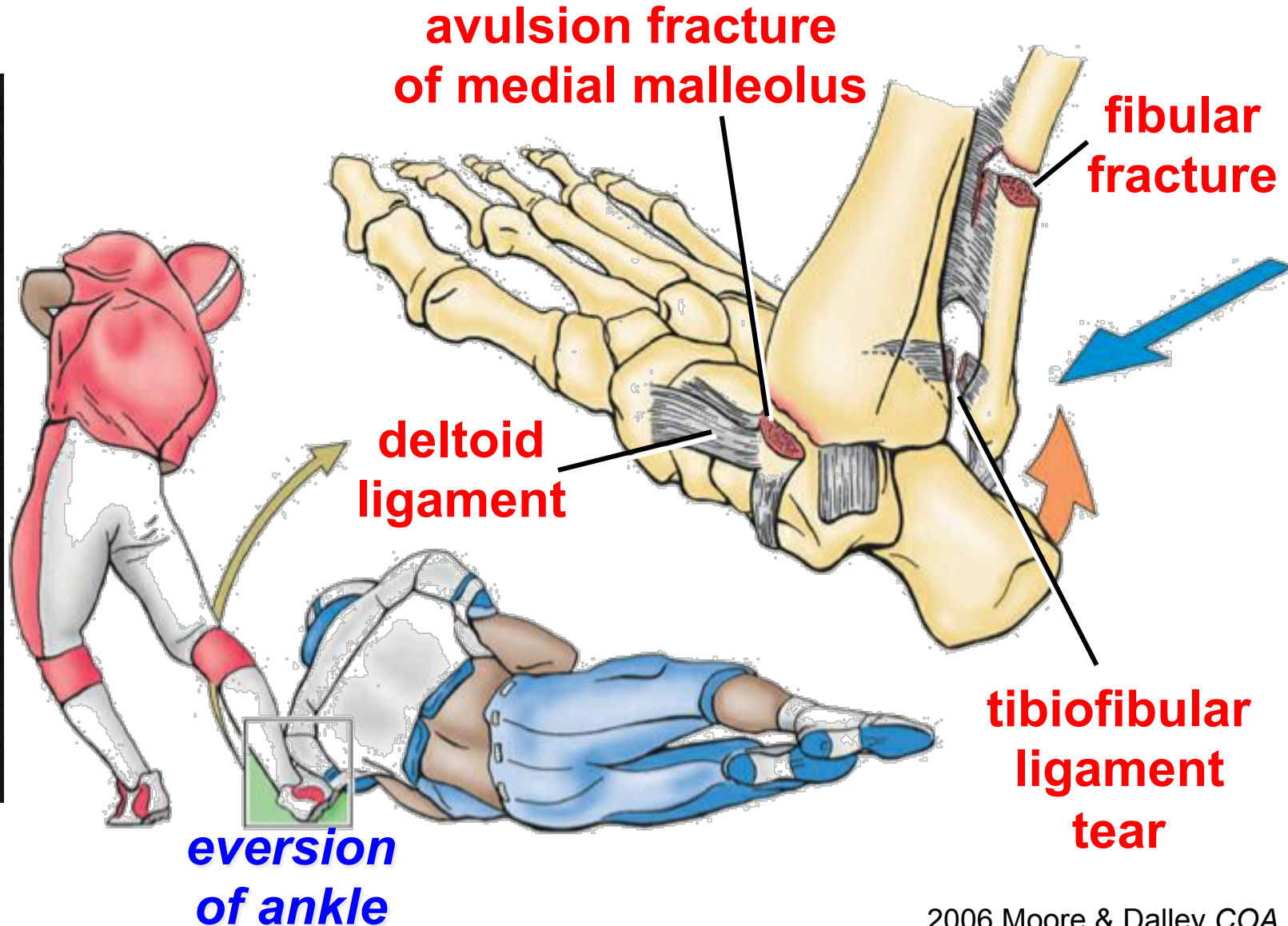
Type III Sprain  
• ligaments torn completely



anterior talofibular ligament

calcaneofibular ligament

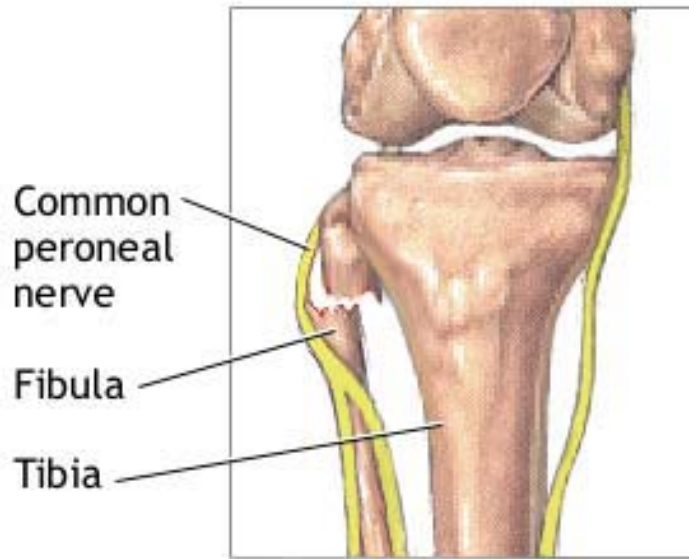
## Bimalleolar (Pott's) Fracture-Dislocation





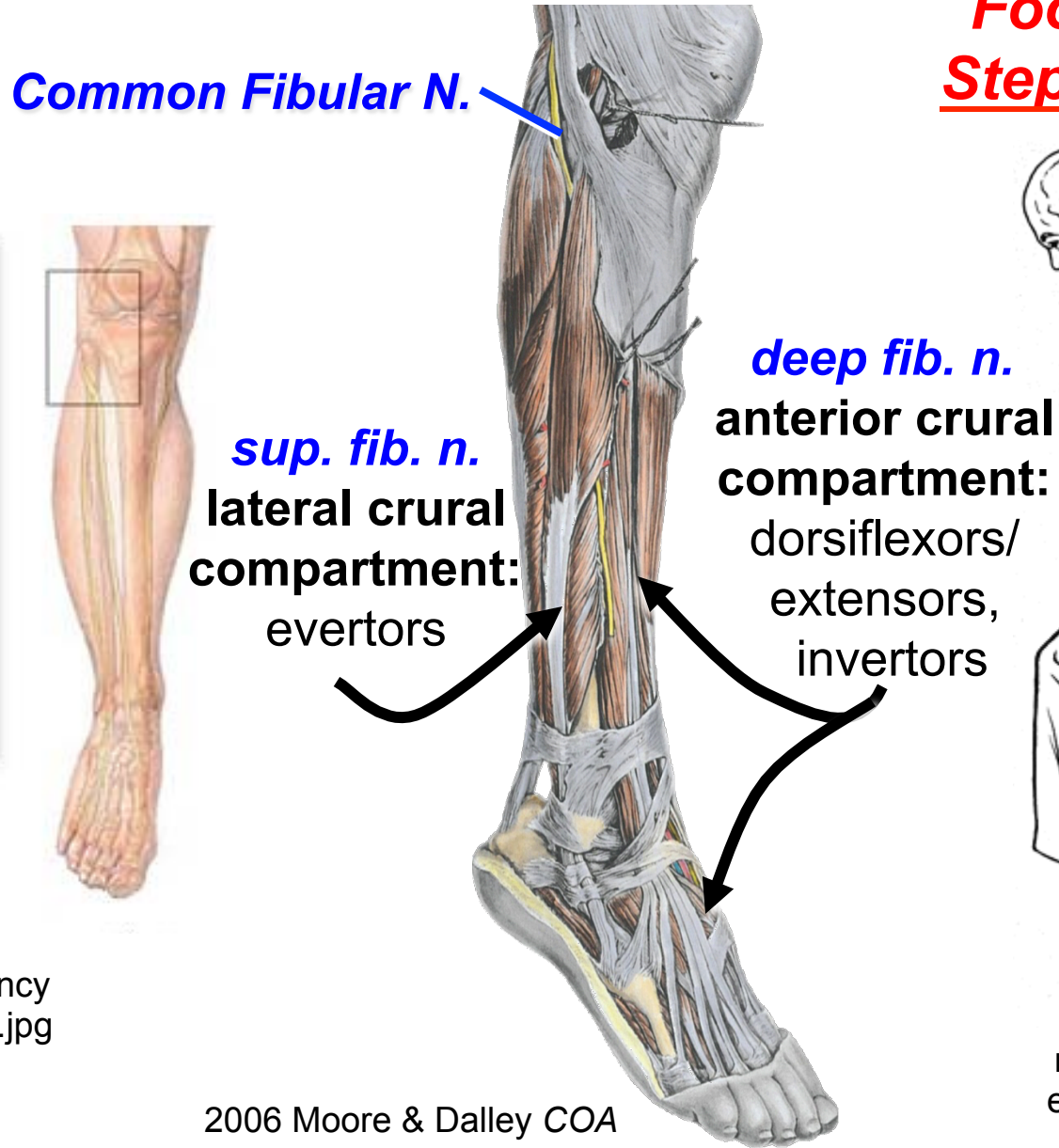
## Common Fibular (Peroneal) N. Palsy

**Foot Drop &  
Steppage Gait**



Broken fibula causes damage to peroneal nerve

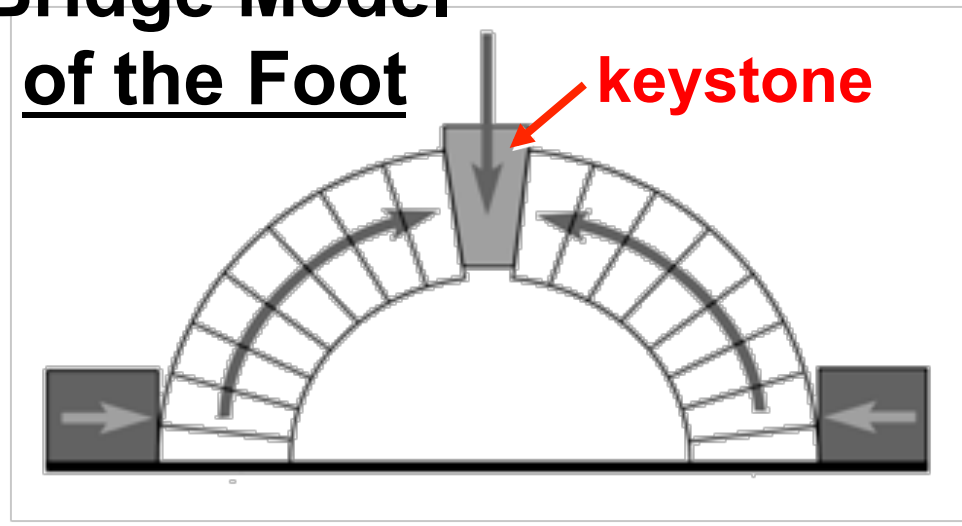
[nlm.nih.gov/medlineplus/ency/images/ency/fullsize/9211.jpg](http://nlm.nih.gov/medlineplus/ency/images/ency/fullsize/9211.jpg)



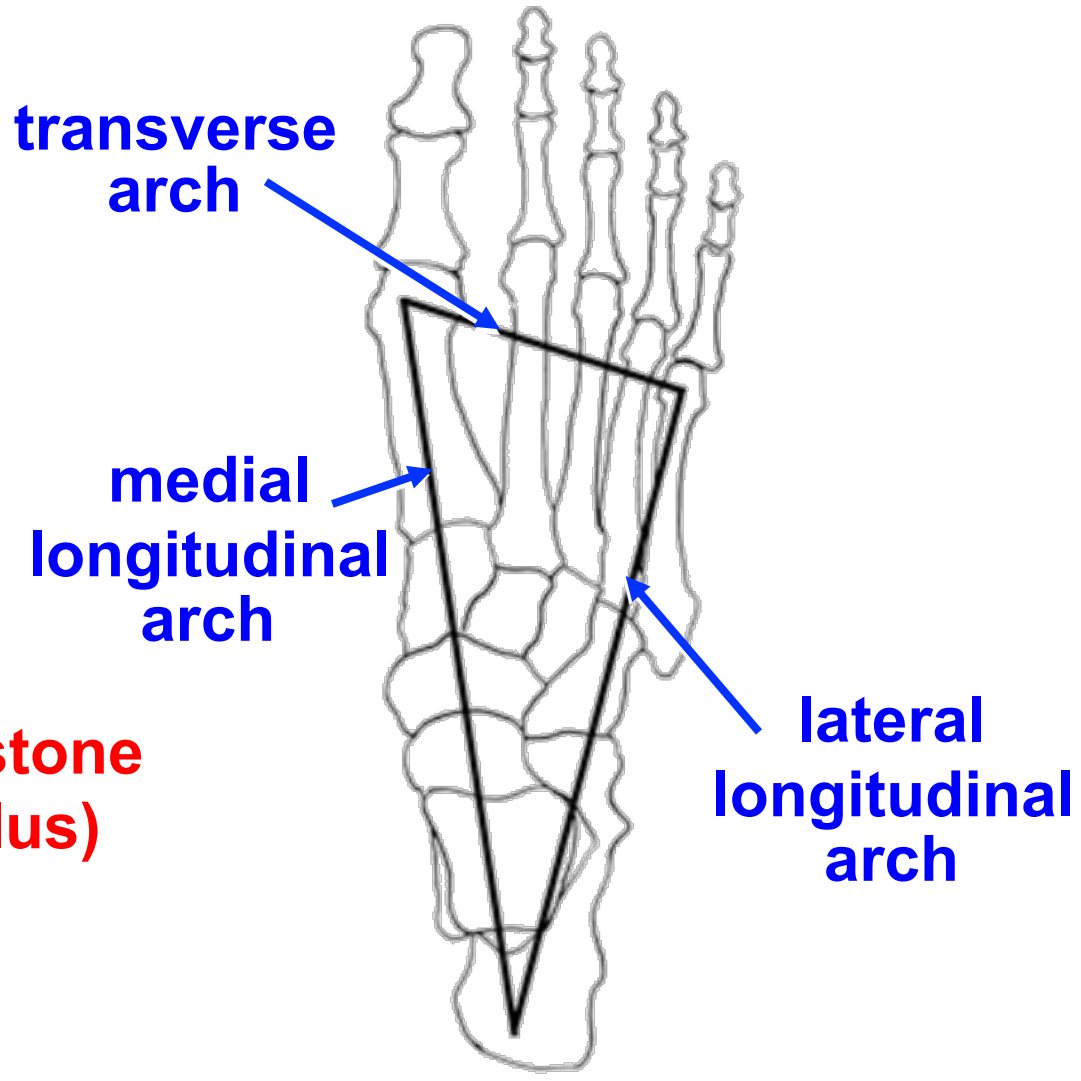
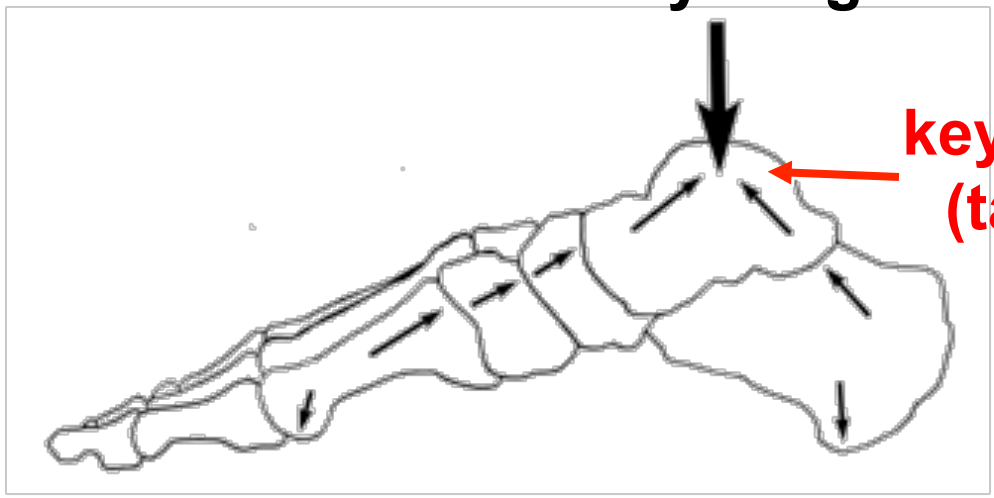
[medicine.tamu.edu/neuro/84.gif](http://medicine.tamu.edu/neuro/84.gif)

# Arches of the Foot

## Bridge Model of the Foot

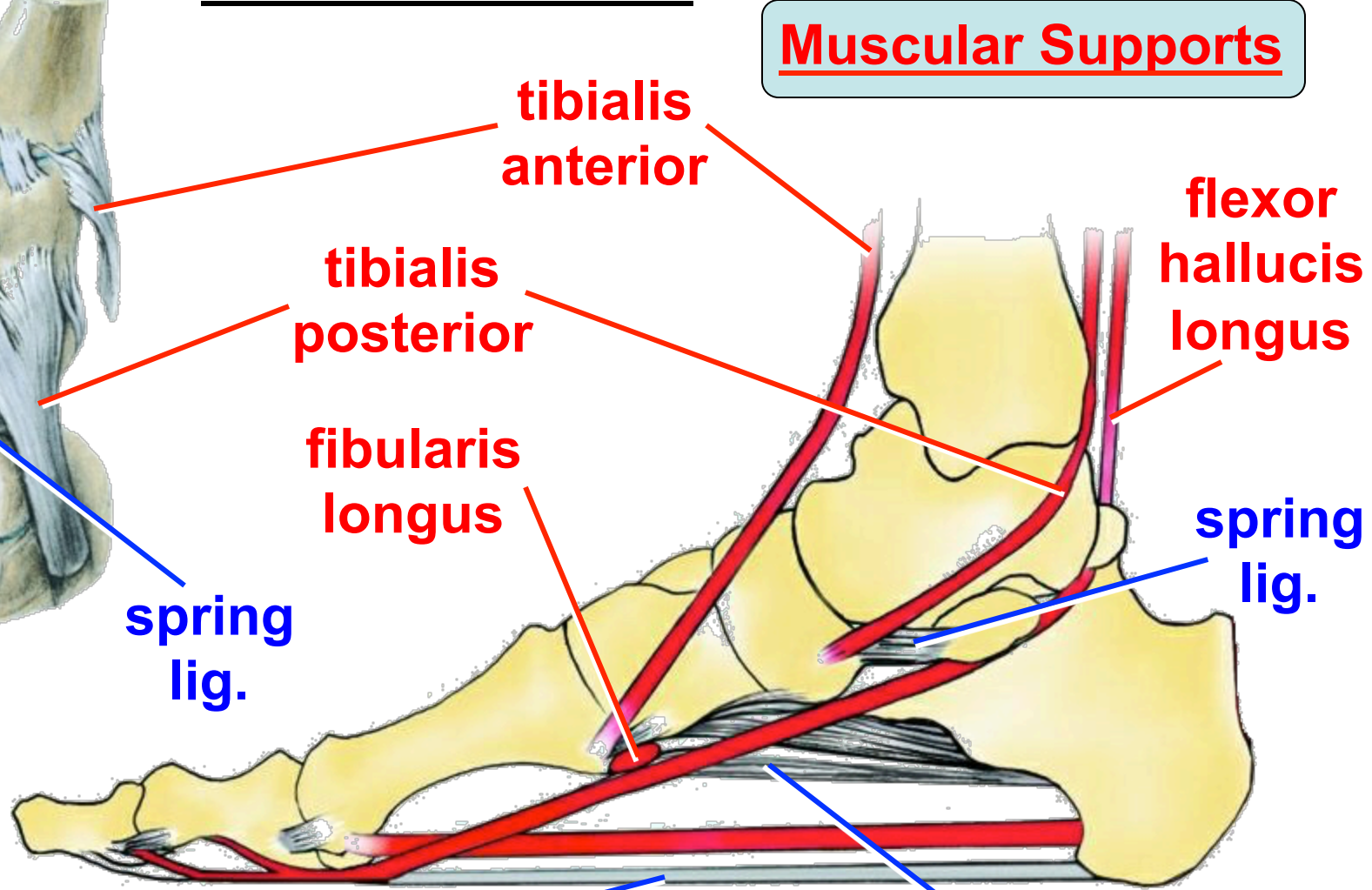
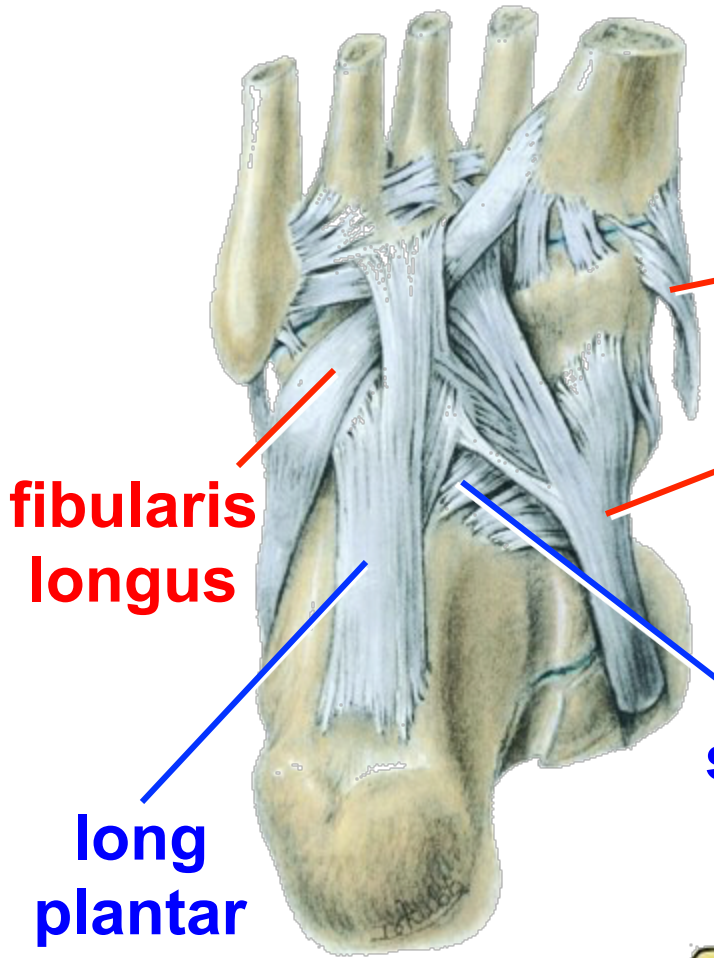


body weight



# Arches of the Foot

## Muscular Supports



## Passive Supports

plantar aponeurosis  
long plantar lig.