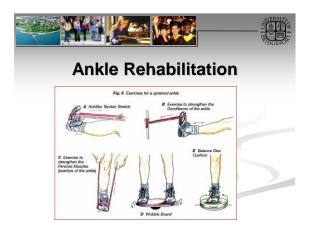


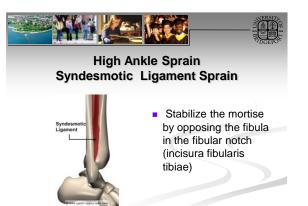
ligament sprain

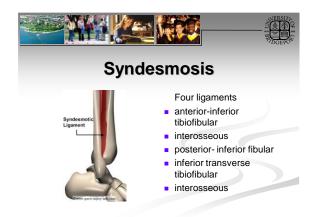
with gapping indicates potential deltoid













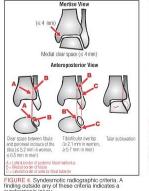
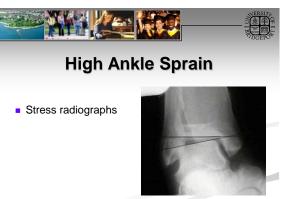
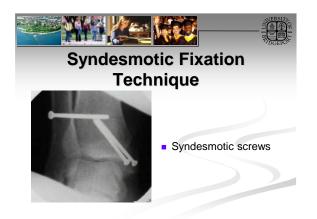


FIGURE 4. Syndesmotic radiographic criteria. A finding outside any of these criteria indicates a syndesmosis injury. Reproduced with permission from Stield JB: Complex ankle fracture discontions with syndesmotic disabasis. Unthion Rev 1980: 1980: 501

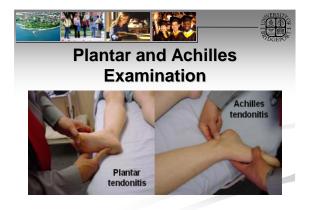


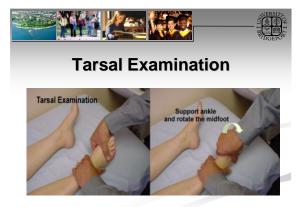
FIGURE 5. Radiograph of a grade 3 sprain in a 24-year-old semptodesional tootball player. Multiple andorgraphic signs of syndherenic injury market. The medial clear space is greater than 4 mm (arrow), the flow is widely displaced form the incircular hotch of the tibia (arrowhead), and the falus is displaced laterally and is no longer congruent with the distal tibia (open arrow).





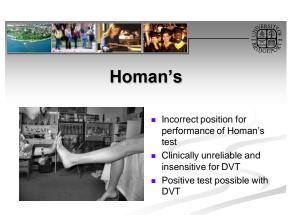


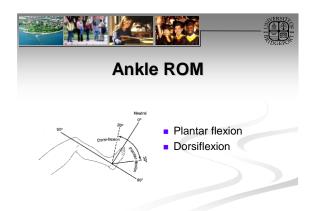


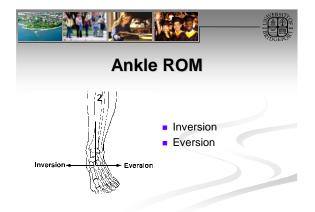


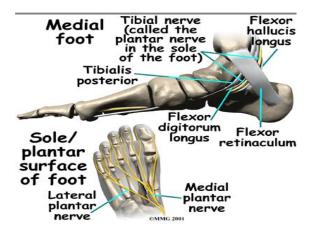


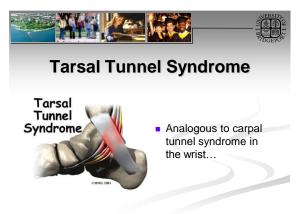
 Positive test produces pain in calf or popliteal region



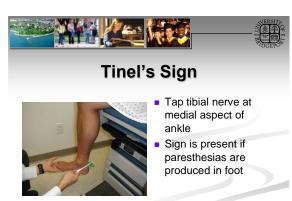


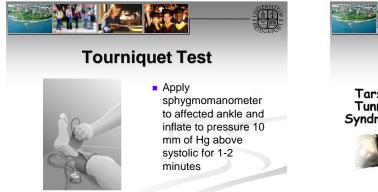






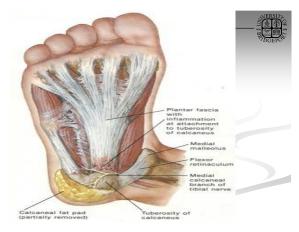


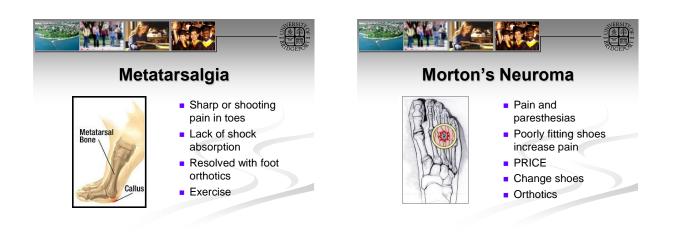


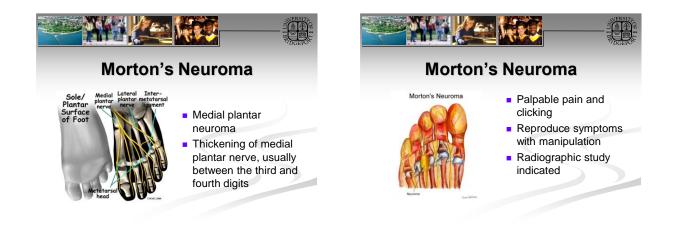














Metatarsalgia



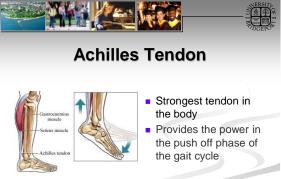
- Patient complains of pain on the dorsum of the foot.
- Palpate both dorsal and plantar aspects of foot.

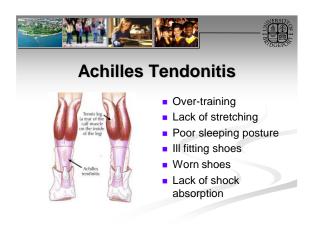


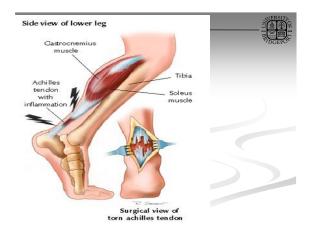


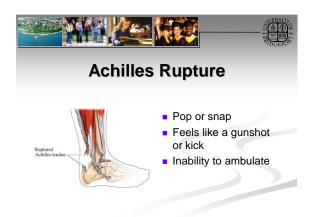
 Pain typically is aggravated during the midstance and propulsion phases of walking or running.

















- Flex knee
- Squeeze calf
- Mechanical contraction of gastrocnemius and soleus will not plantar-flex the foot



Achilles Tap Test



- Tap affected achilles tendon
- Exacerbation of pain indicates strain
- Inability to plantarflex foot indicates rupture
- Neurologically intact



 Shock absorption orthotics