

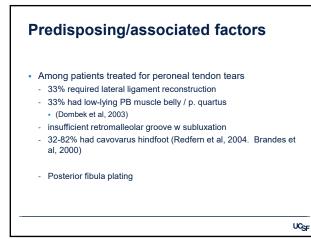
Epidemiology

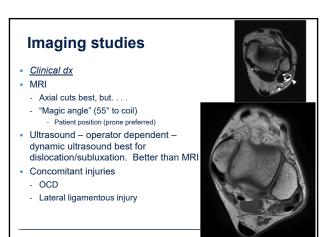
 Frequently missed. 60% (24/40) peroneal disorders were accurately diagnosed at first clinical evaluation. (Dombek et al)



- Common cause of chronic lateral ankle pain in runners and ballet dancers.
- Reported in up to 77% of patients with chronic lateral ankle instability. (DiGiovanni et al, 2000)
- In cadavers, incidental peroneus brevis splits found 11-37%. Peroneus longus splits are less frequent. (Thompson et al, 1989)

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Dreshner MD. Operative Tech in Ortho Su

Dx: Imaging Studies

(predispose to PL tears)

"Fleck Sign" an avulsion

of superior peroneal

Hindfoot alignment

Lateral impingement

Osseous injuries

Os peroneum

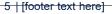
retinaculum

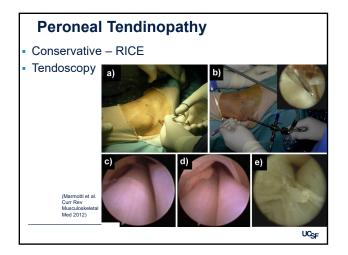
Exotoses

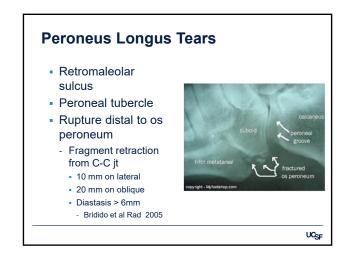
views

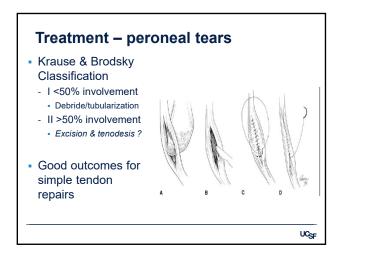
X rays

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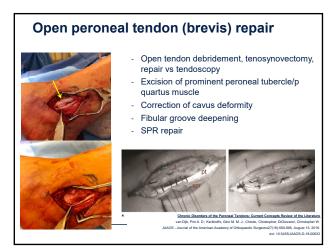


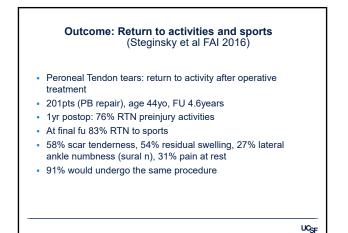










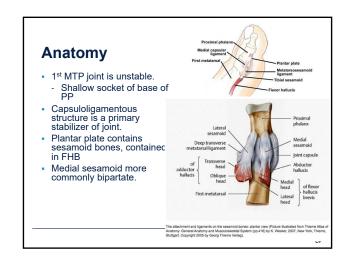


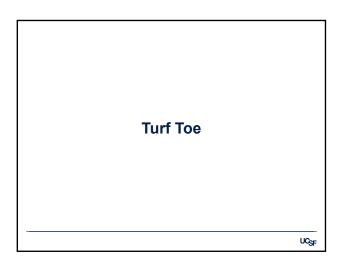




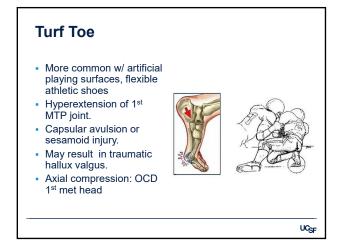
- 50% (14) had persistent pain with exercise
- · 21 pts were satisfied (managing patient expectations)

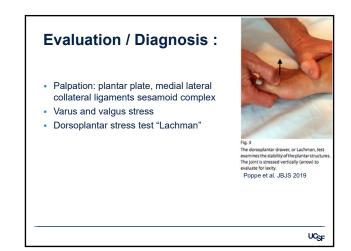
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Diagnostic Imaging:

- AP, lateral, medial oblique, lateral oblique, sesamoid view.
- Lateral dorsiflexion stress view
- Compare to contralateral foot
- MRI will show extent of bone, cartilage, ligament damage.



Surgery ?

- Rarely indicated for turf toe.

Considered for

- large capsular avulsion w/ unstable joint
- Diastasis of bipartate sesamoid
- Displaced sesamoid fracture
- Retracted sesamoid
- Traumatic or progressive hallux valgus
- Presence of loose body or chondral injury

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Classification Capsiloligamentous Injuries

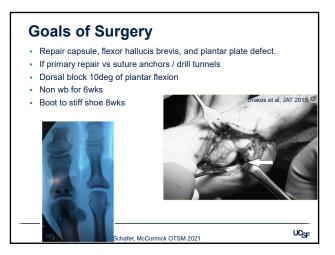
- Grade 1
- Stretch/ minor tearing
- Grade 2
- Partial tear
- Mild to moderate decrease in ROM
- Moderate pain w/ weight bearing
- Inability to play sports
- Complete tear

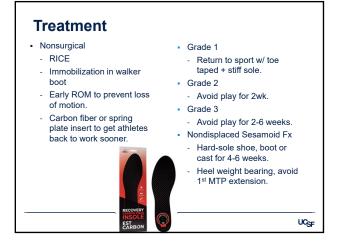
Grade 3

- Associated injuries
- OCD injury
- sesamoid fxbipartate sesamoid
- diastasis
- Sesamoid prox migration
- Severe limitation ROM
- Inability to bear wt on medial forefoot

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Return to Sport After Turf Toe Injuries A Systematic Review and Meta-analysis Matthew L. Vopat,* MD, Maaz Hassan,[†] BS, Tanner Poppe,[†] BS, Armin Tarakemeh,[†] BA,

Matthew L. Vopat,* MD, Maaz Hassan,[†] BS, Tanner Poppe,[†] BS, Armin Tarakemeh,[†] BA, Rosey Zackula,* MA, Mary K. Mulcahey,[‡] MD, Scott Mullen,[†] MD, Rick Burkholder,[§] MS, ATC, John Paul Schroeppel,[†] MD, and Bryan G. Vopat,^{††} MD Investigation performed at the University of Kansas Medical Center, Kansas City, Kansas, USA

- 112patients
- Nonop RTN play 5.8wks
- Surgery RTN 14.7wks
- Professional atheletes returned sooner than high school/collegiate
- Majority at pre injury level 1yr but many will still have some stiffness/discomfort





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