

The Practical Fundamentals of Musculoskeletal Ultrasound

Evaluation of Basic Anatomy for Ankle



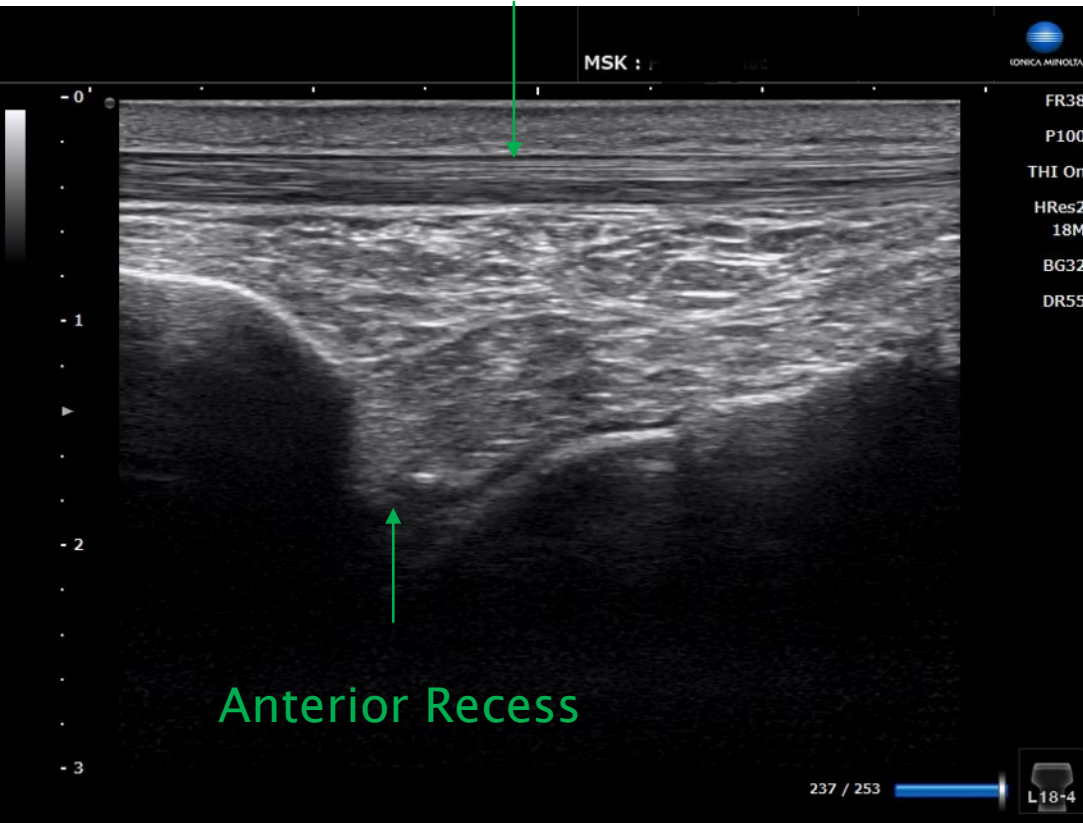
Scanning protocol

- Anterior tibialis
- Extensor pollicis longus
- Extensor digital longus
- Anterior talofibular ligament
- Anterior tibiofibular ligament
- Calcaneofibular ligament
- Peroneal tendons (longus and brevis)
- Tibionavicular part (deltoid ligament)
- Tibialis posterior tendon
- Flexor digitorum longus
- Flexor hallucis and medial plantar nerve
- Achilles tendon and retrocalcaneal subcutaneous bursa
- Plantar aponeurosis (plantar fascia)



Anterior: Tibialis anterior & anterior joint recess

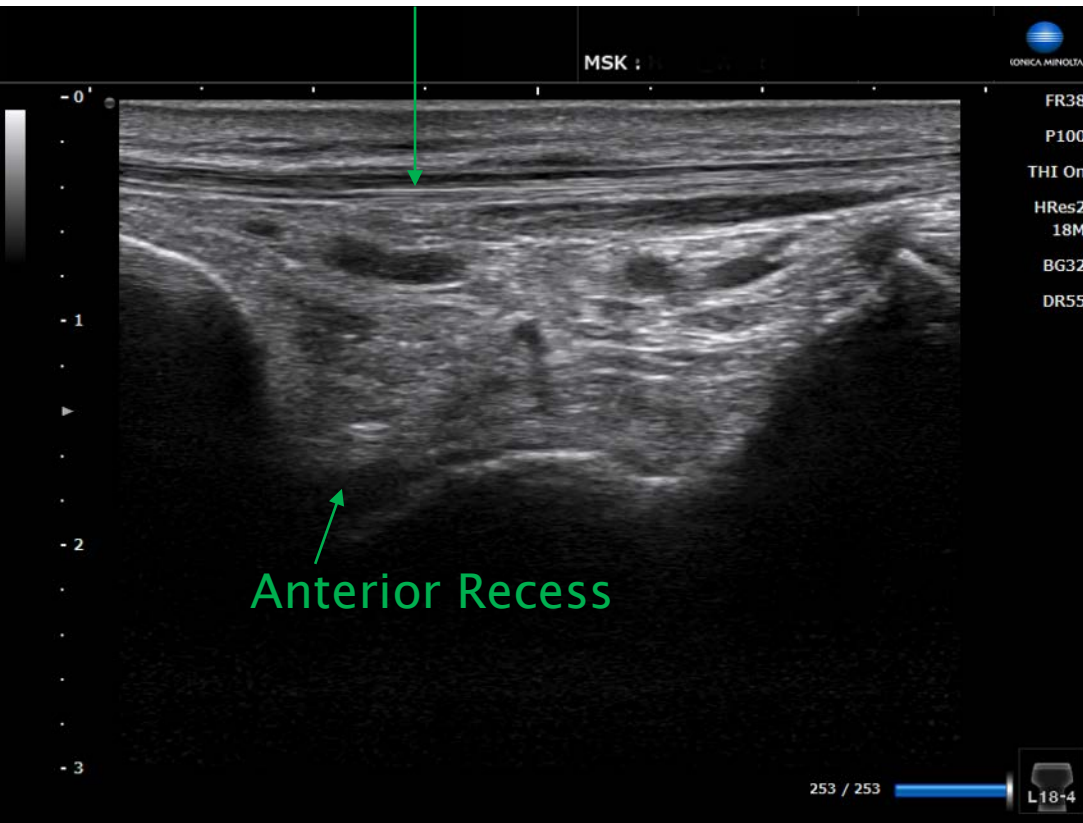
Tibialis Anterior





Anterior : Extensor hallucis longus and anterior joint recess

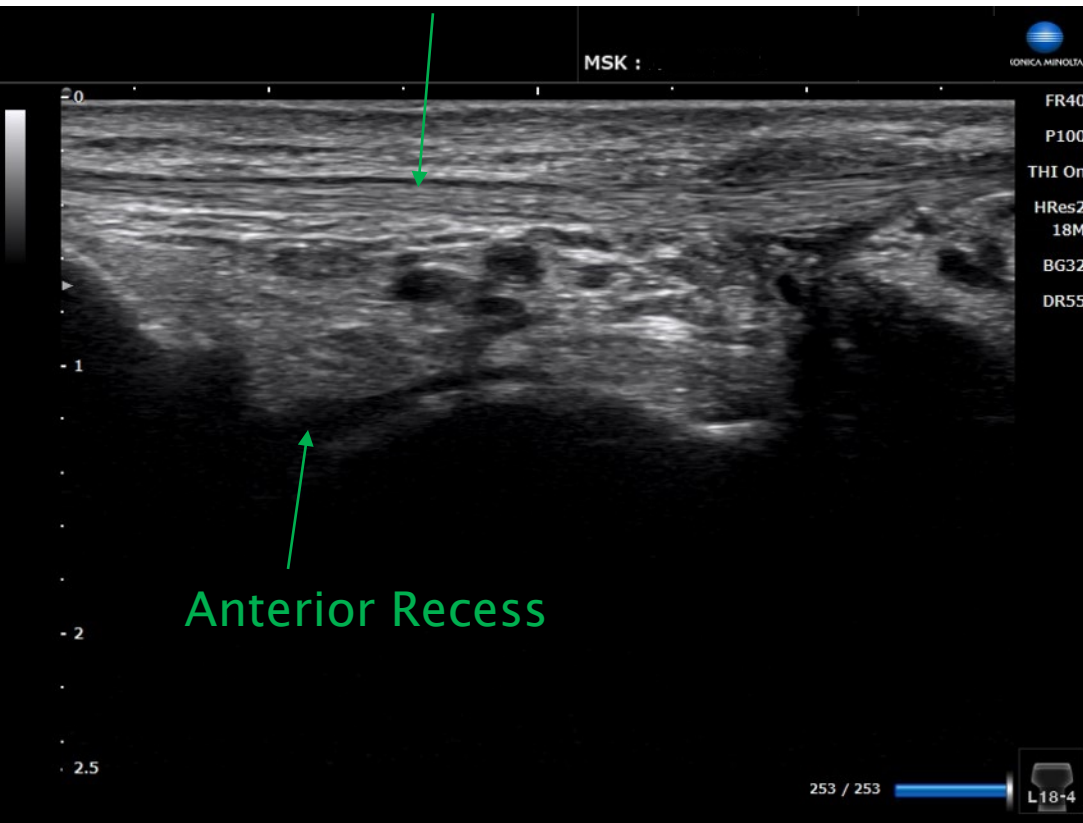
Extensor Hallusis





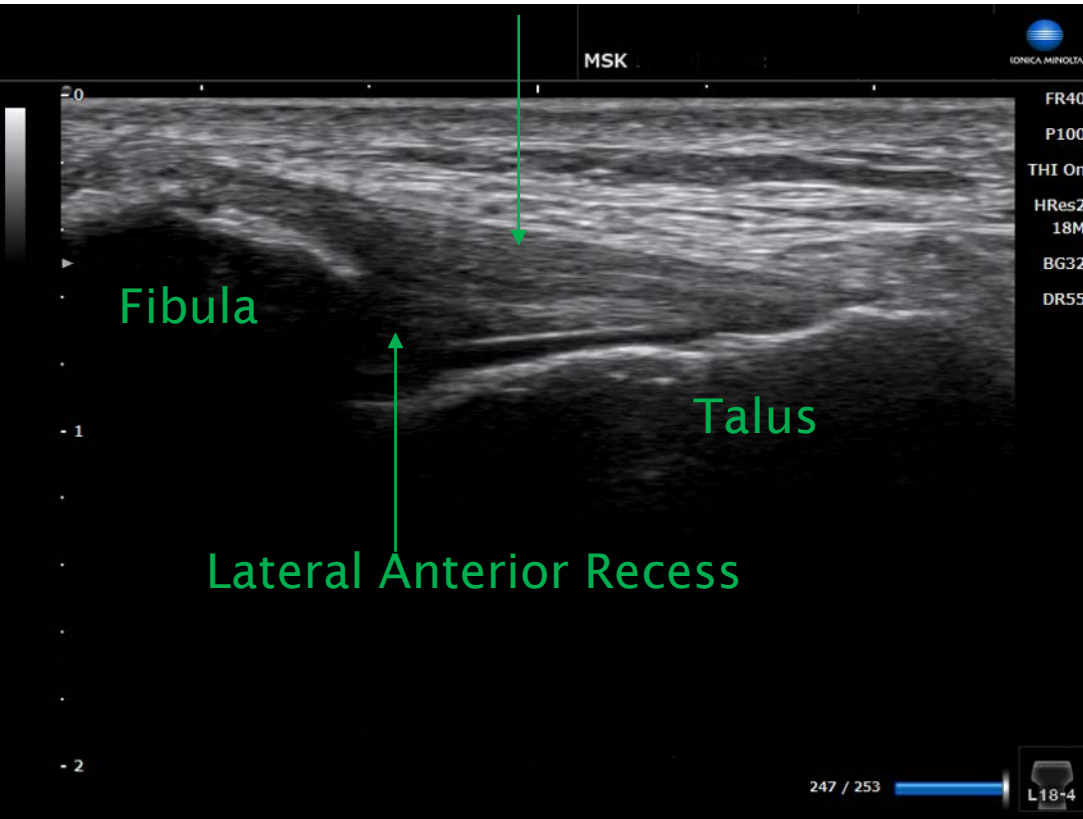
Anterior: Extensor digitorum longus and anterior joint recess

Extensor Digitorum



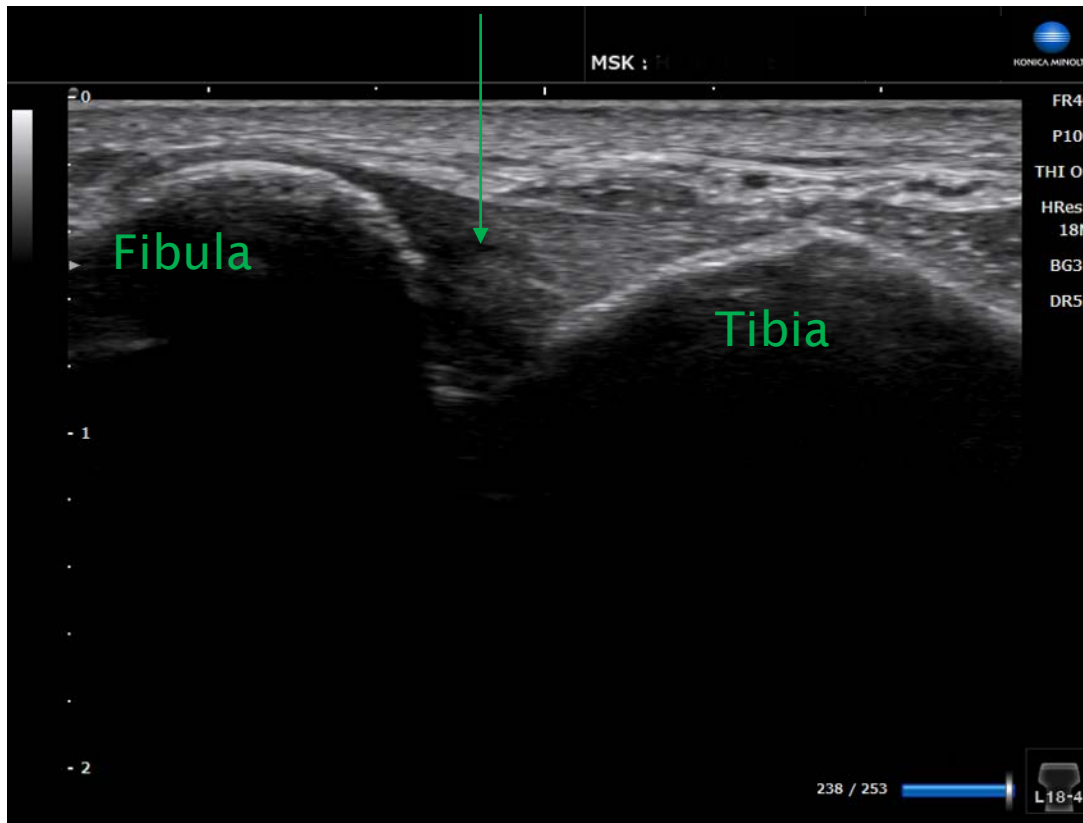
Anterior: Anterior talofibular ligament

Anterior Talofibular Ligament

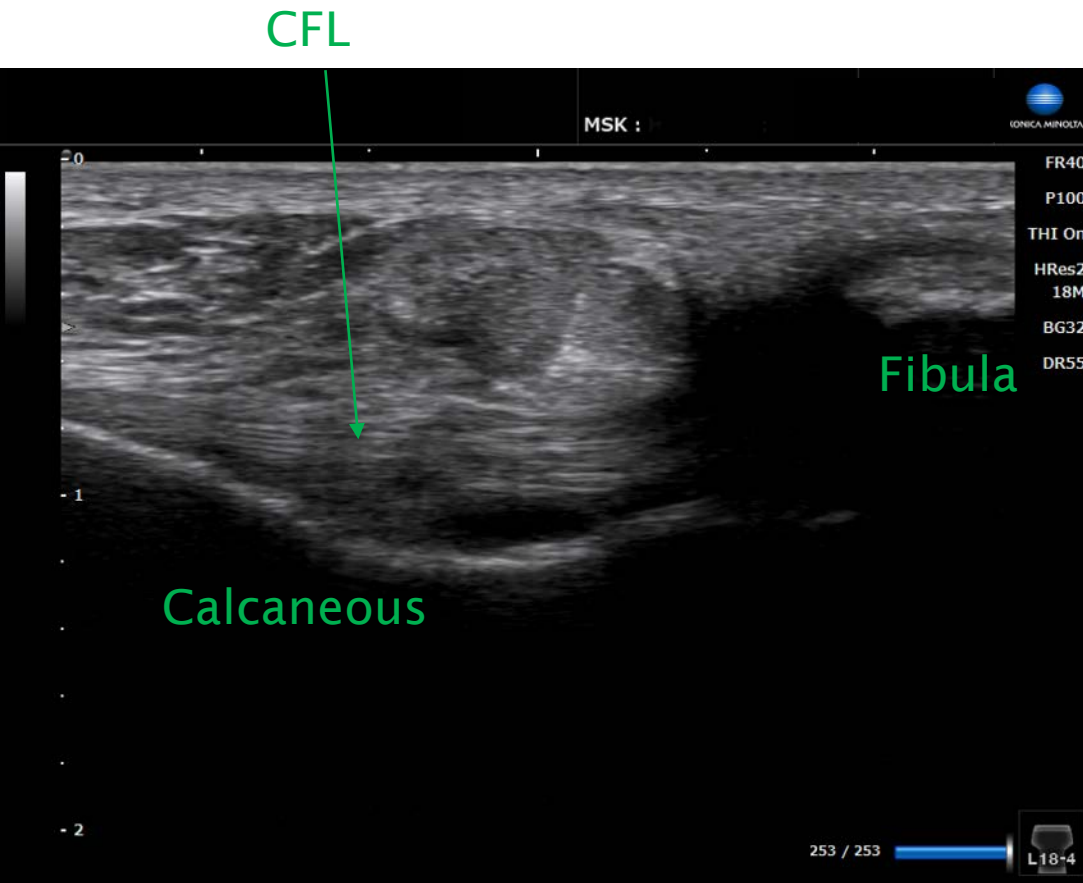


Anterior: Anterior inferior tibiofibular ligament

Tibiofibular Ligament



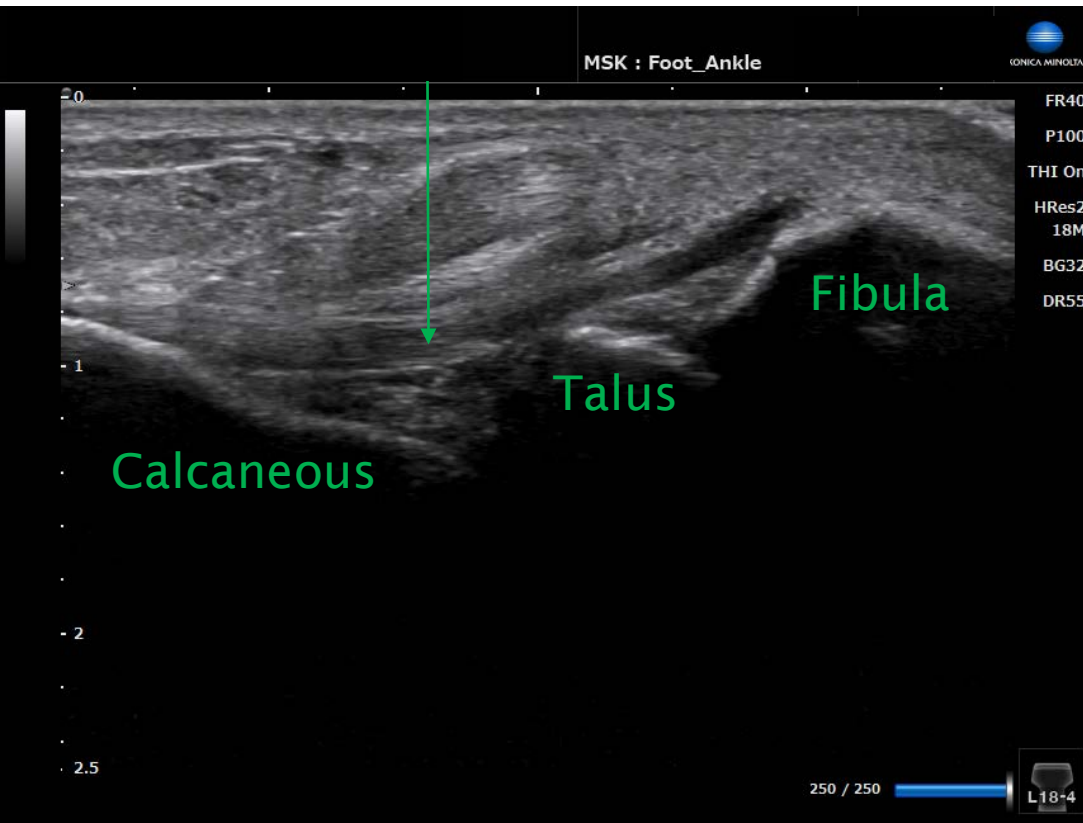
Lateral: Calcaneofibular ligament





Lateral: Calcaneofibular ligament with dorsiflexion and inversion

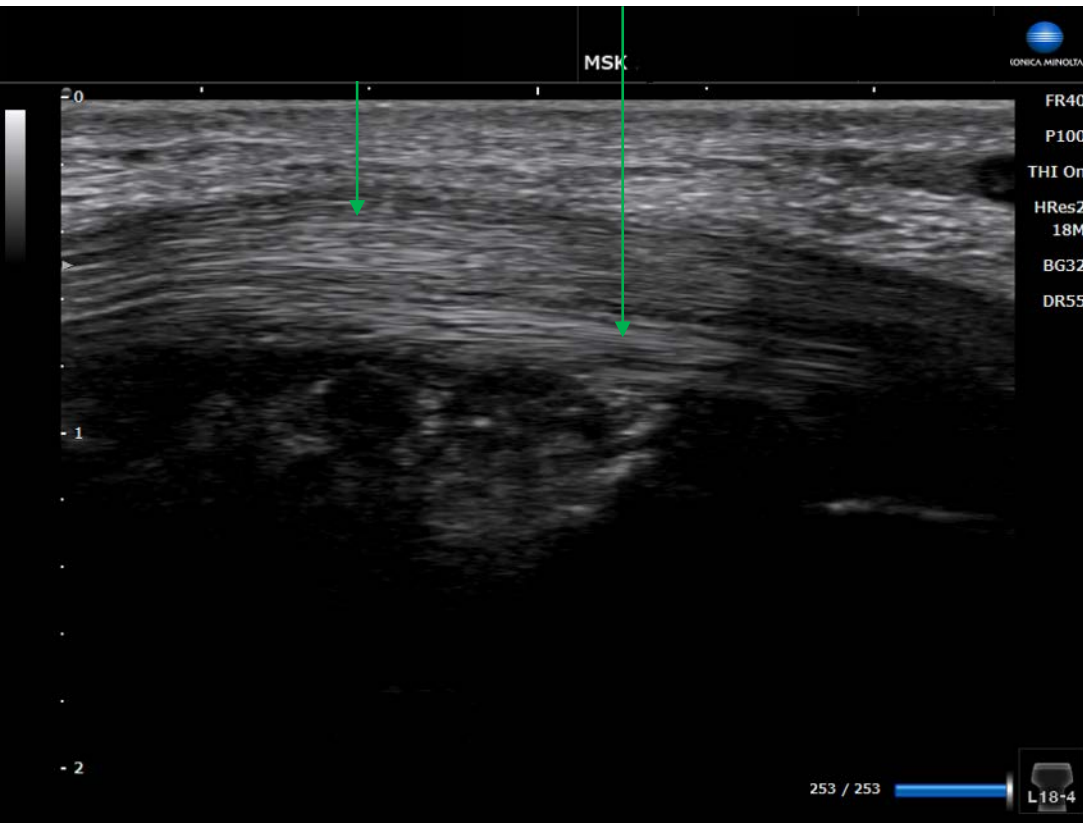
CFL





Lateral: Peroneal tendons (longus and brevis)

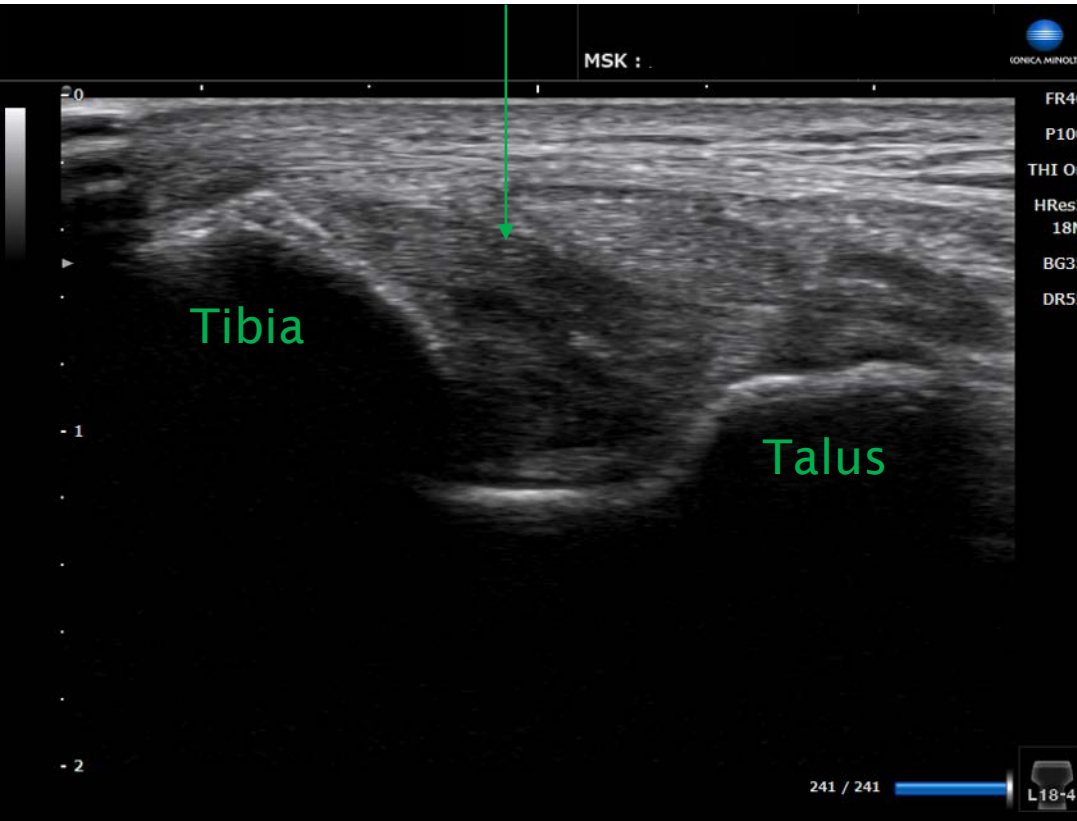
Peroneal Longus Peroneal Brevis





Medial: Tibionavicular part (deltoid ligament)

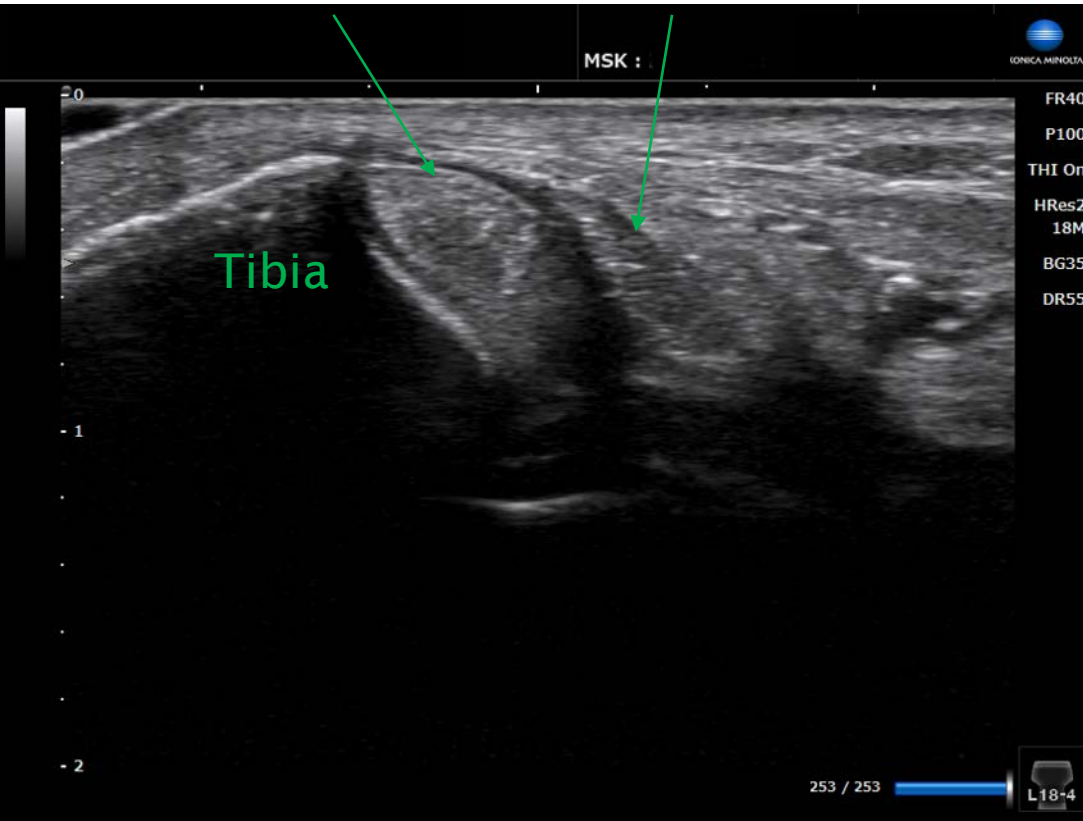
Deltoid Ligament





Medial: Tibialis posterior tendon

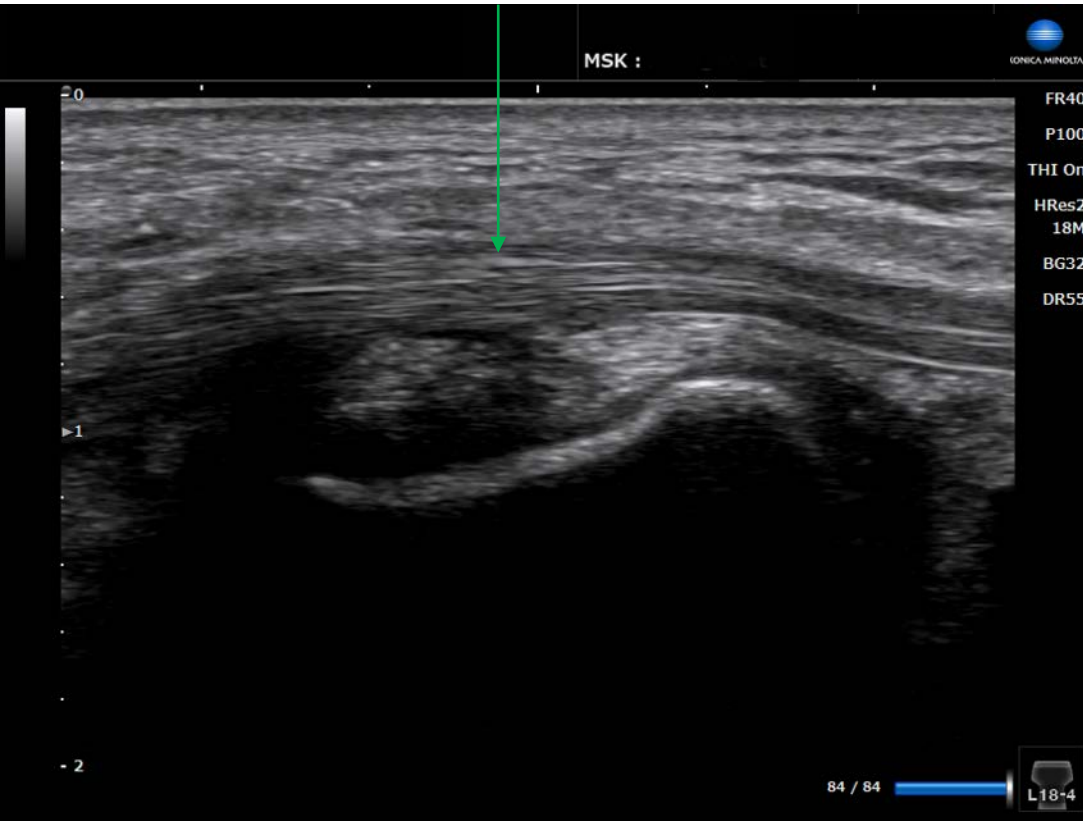
Tibialis Posterior Flexor Digitorum





Medial: Flexor digitorum longus

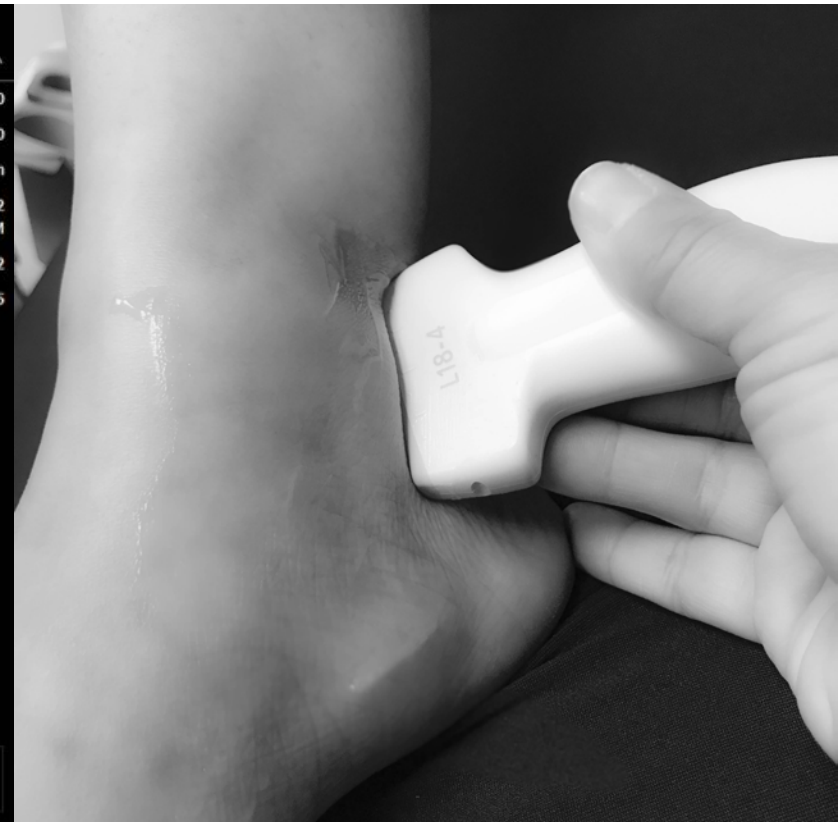
Flexor Digitorum





Medial: Flexor hallucis and medial plantar nerve

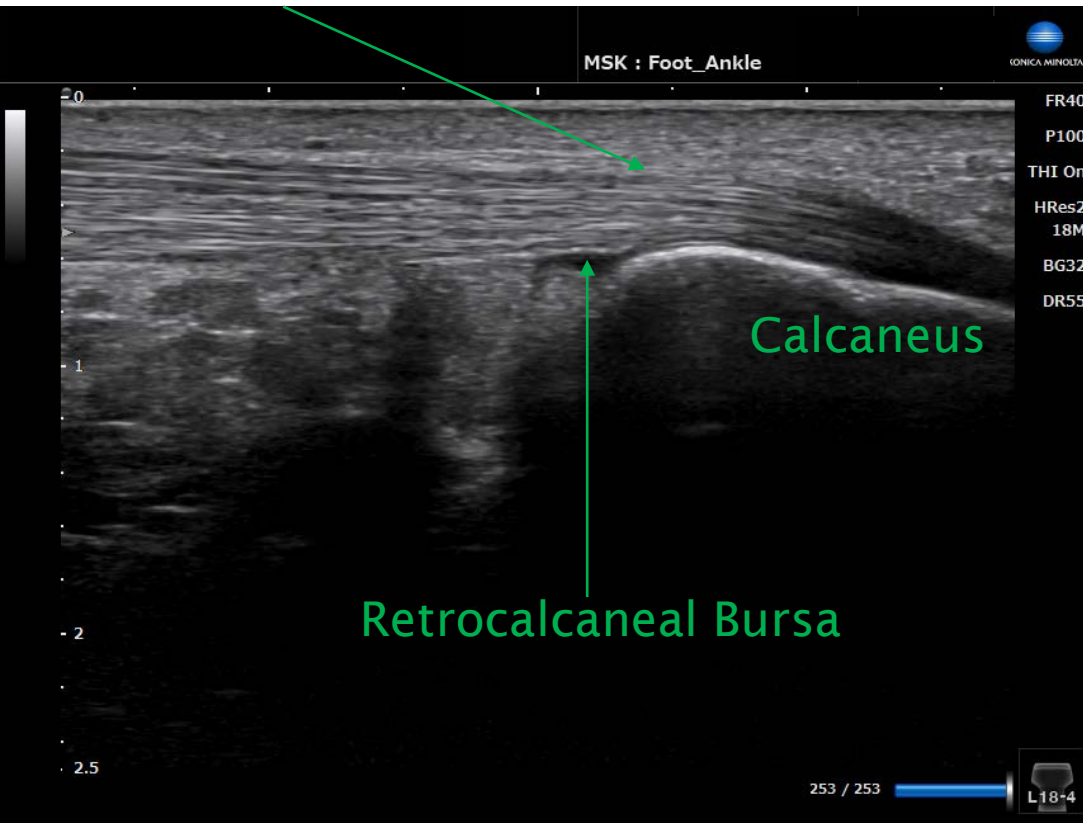
Medial Plantar Nerve Flexor Hallucis





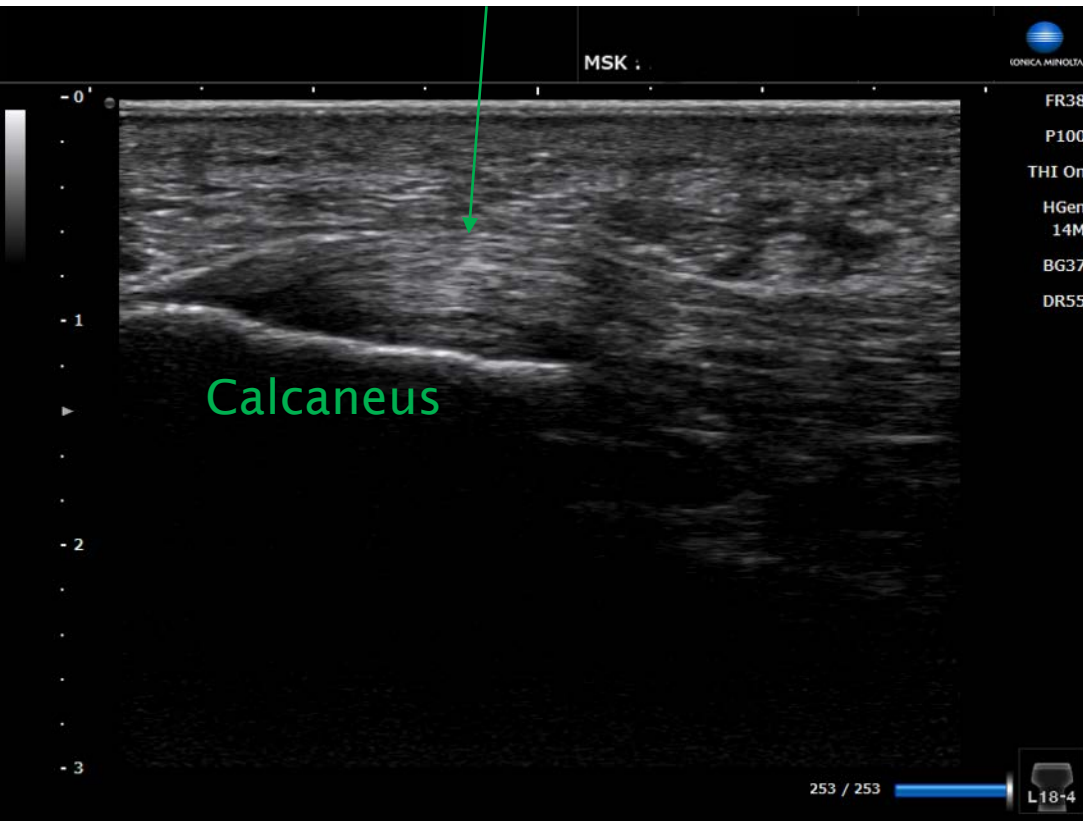
Posterior: Achilles tendon, retrocalcaneal and subcutaneous bursa

Subcutaneous Bursa Achilles Tendon



Plantar: Plantar aponeurosis (plantar fascia)

Plantar Fascia



Konica Minolta Healthcare Americas, Inc.
411 Newark Pompton Turnpike
Wayne, NJ, 07470
Toll Free :800-934-1034
<https://www.konicaminolta.com/medicalusa/>

