

Foot

Weight-Bearing Upright MRI Images

MEDSERENA Upright MRI Centre

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Standing MRI – Sagittal plane



T1 Weighted



Fat Suppressed



Water Suppressed

Smith/Carter Fat and Water separation imaging sequence

Unique to MEDSERNA Upright MRI Centre

Standing MRI – Coronal plane



T1 Weighted



Fat Suppressed



Water Suppressed

Ganglion cyst of the flexor tendon of the third toe, lying between 3rd and 4th metatarso-phalageal joint

Standing MRI – Coronal plane



T1 Weighted



Fat Suppressed



Water Suppressed

Ganglion cyst of the flexor tendon of the third toe, lying between 3rd and 4th metatarso-phalangeal joint

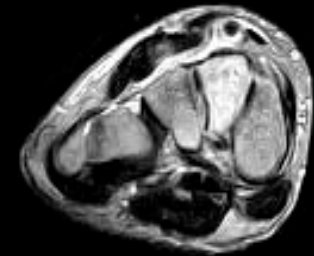
Intermediate Cuneiform malaccia



T1 Weighted



T2 Weighted



T2 Weighted

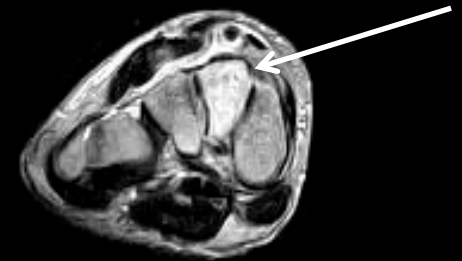
Intermediate Cuneiform malaccia



T1 Weighted



T2 Weighted



T2 Weighted

Ankle joint ligaments



Posterior Talo-fibular ligament
Calcaneo-fibular ligament



Posterior intermalleolar ligament
Posterior Talo-fibular ligament
Calcaneo-fibular ligament

Ankle joint ligaments



Healing tear – Tibio-calcaneal ligament

Ankle joint ligaments



Healing tear – Tibio-calcaneal ligament

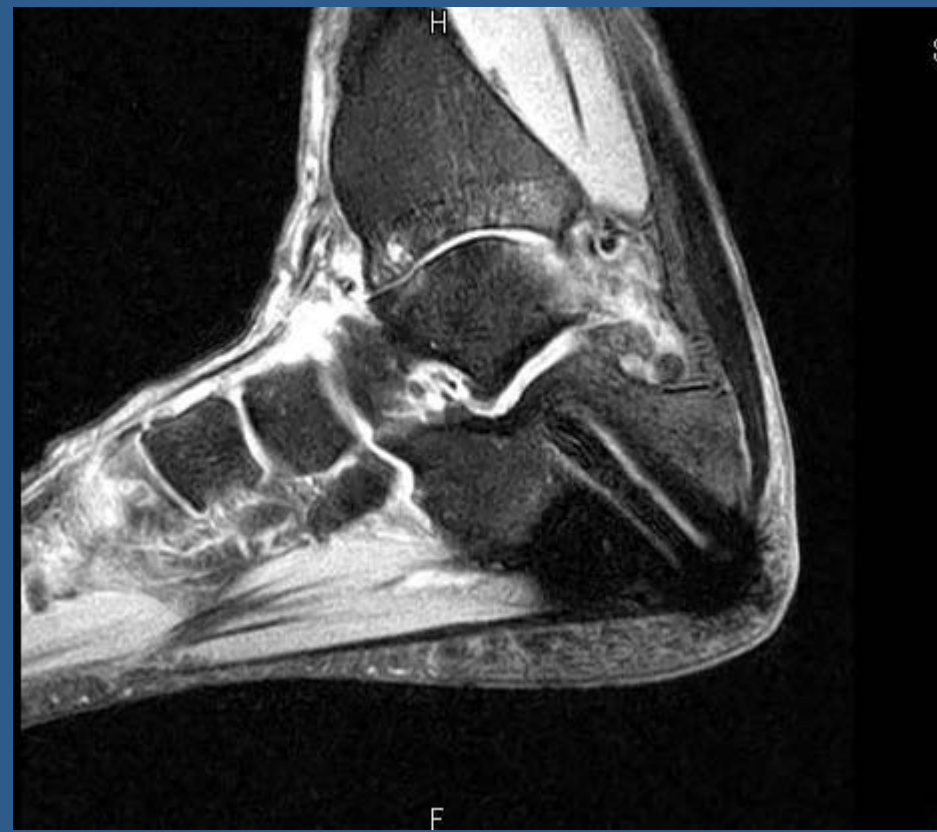
Surgical screw in calcaneum

Low-field strength magnet (0.6Tesla)

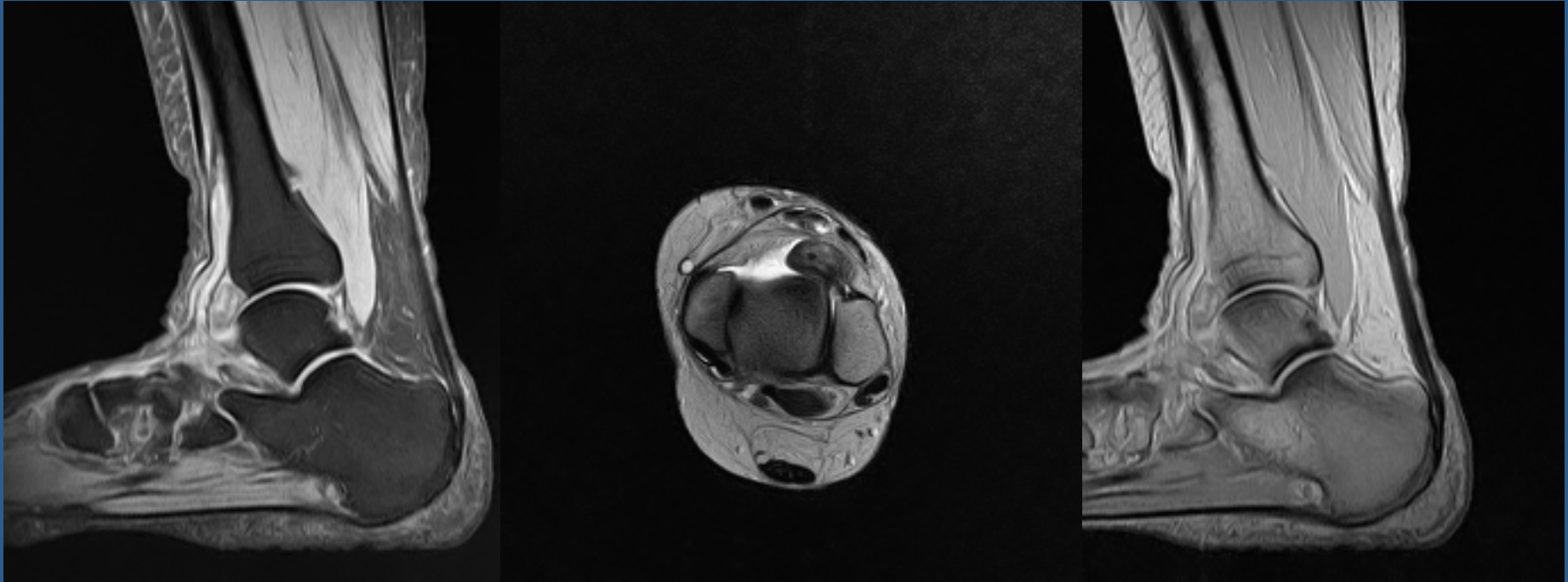
Gives less ferro-magnetic susceptibility artefact than at higher magnetic field strength (1.5 Tesla)



T1 Weighted



T2 Weighted



Fat Suppressed

T2 weighted

Water Suppressed

Smith/Carter Fat and Water separation imaging sequence

Unique to MEDSERENA Upright MRI Centre

Achilles Tendinitis and Pseudocyst calcaneum



Fat suppressed sagittal



Water suppressed sagittal

Smith/Carter Fat and Water separation imaging sequence

Standing – Weight bearing MRI



Bare foot

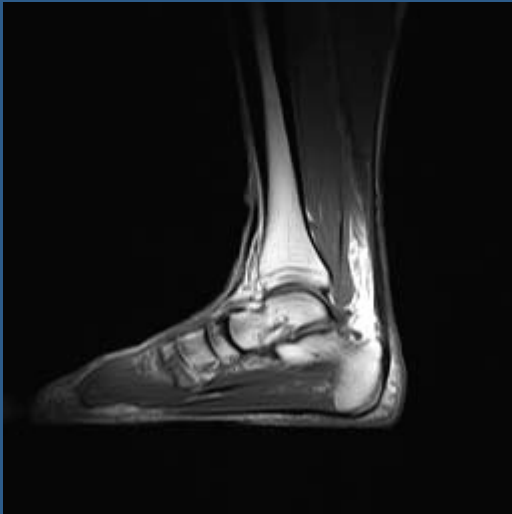


In Running Shoe

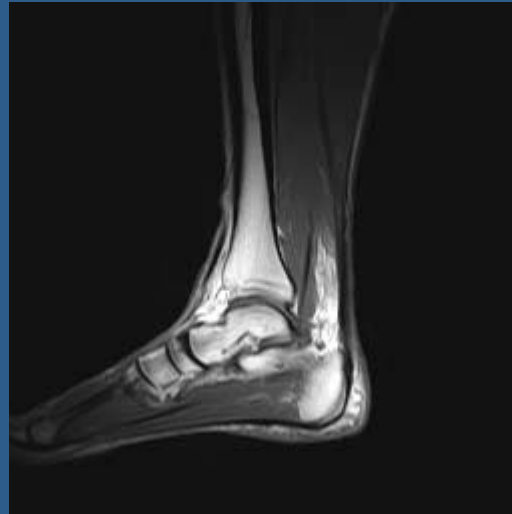


Shoe + Orthotic

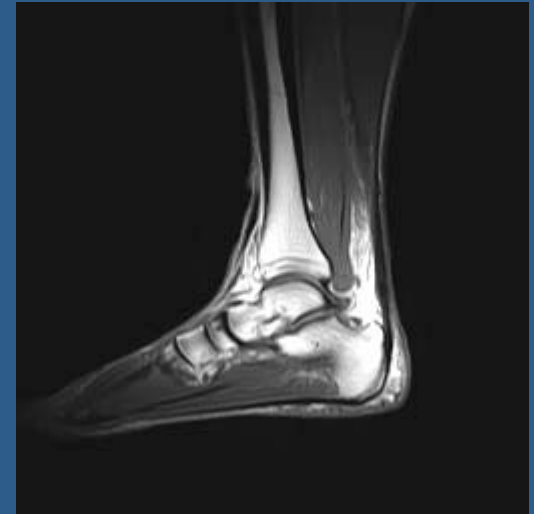
Standing – Weight bearing MRI



Bare foot

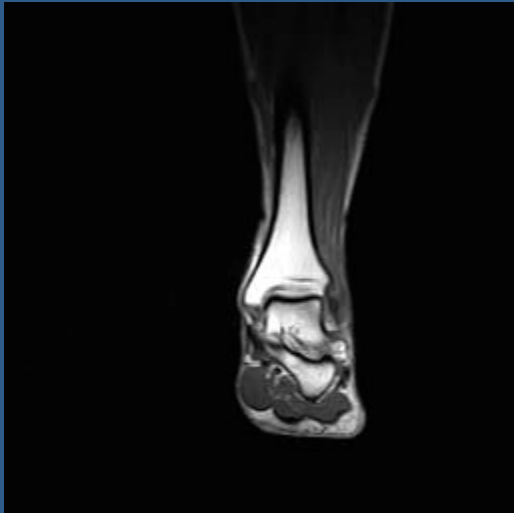
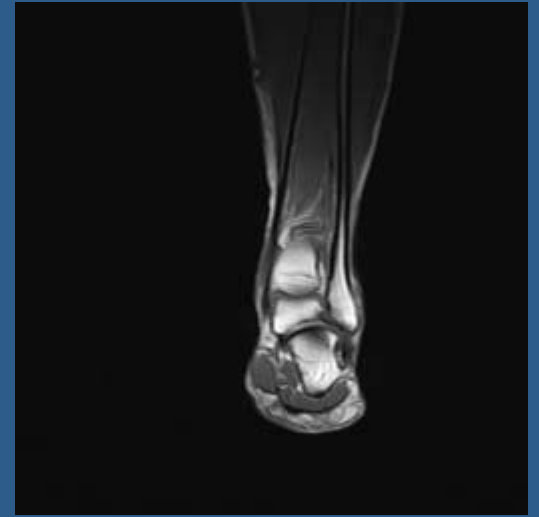
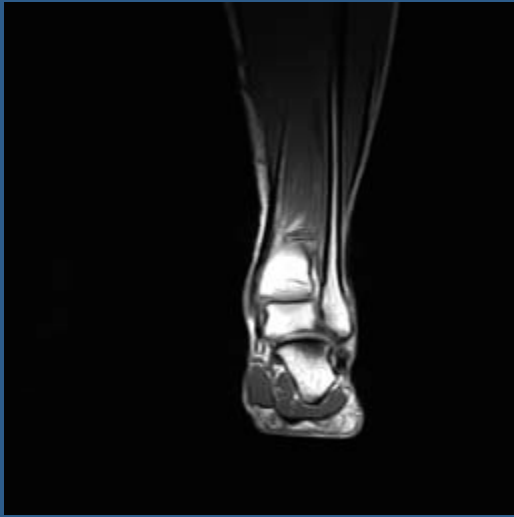


In Running Shoe



Shoe + Orthotic

Standing – Weight bearing MRI



Bare foot

In Running Shoe

Shoe + Orthotic