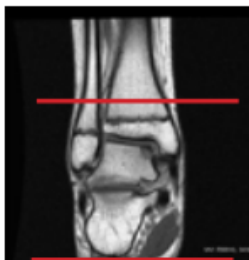


## MRI ANKLE WITHOUT CONTRAST

Scan Range	Variable according to area of interest/ body part.
FOV	**Fits to patient/ body part.
Position	Supine. Place in foot coil so metatarsals near center.
Localizer	3 plane scout localizer
NOTES	<b>REMOVE SOCKS or STOCKINGS if any</b>
	<b>**MUST EXPAND FOV on Achilles tendon tears to include the musculotendinous junction</b>

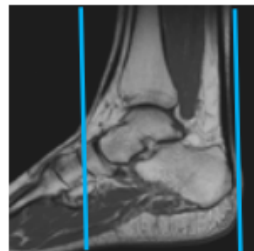
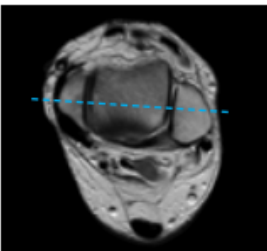
PLANE	SEQUENCE	FAT SAT	MODE	SLT/SP	FOV	NOTES
Axial	T1				14 - 16 cm	
Axial	T2	Y			16 cm	
Sagittal	STIR				16 cm	
Sagittal	T1				16 cm	
Coronal	PD	Y			16 cm	

### POSITIONING AND PLANES



#### Axial imaging

- Perpendicular to COR and SAG
- Cover from 3-4 Slices above the inferior margin of the tibiotalar joint down as far as the slices go



#### Coronal imaging

- Use axial LOC and angle perpendicular to the inner cortex of the medial malleolus
- Use sagittal LOC and angle parallel to distal tibial shaft and cover from the talonavicular joint to at least 2 slices posterior to the talus



#### Sagittal imaging

- Perpendicular to COR
- Angled perpendicular to talar dome
- Cover at least 1 slice out of both malleoli
- All of the plantar soft tissues should be included in the FOV