

Anatomy: LOWER EXTREMITY
 Sub-Anatomy: Ankle- 3T Ortho- Achilles

-Exams **ORDERABLE- ANKLE**
 - Routine Coil: Ankle/Chimney coil

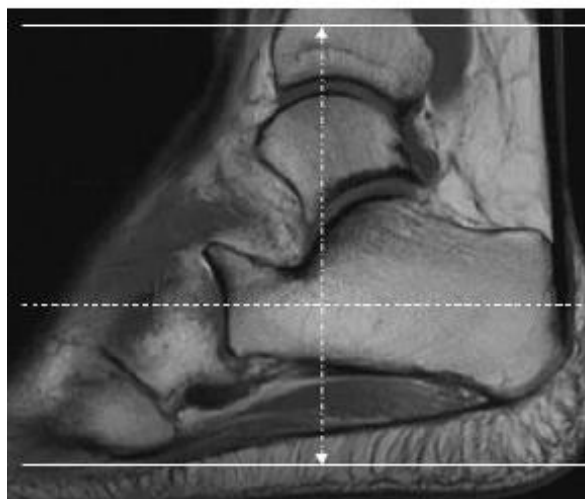
SEQUENCE - BASICS														
PLANE	SEQ	Slice thickness (mm)	Misc / Comment	MT X	gap	% R F O V	Voxel size (mm)	TR	TE	N S	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift BW-kHz
ROUTINE														
	3 plane scout		Only use GRE											
1	Cor PD FS	3.5			10%		0.4x0.5	3000	35-40					
2	Ax PD FS	3.5			10%		0.4x0.5	3000	35-40					
3	Sag PD FS	3.5			10%		0.4x0.5	3000	35-40					
4	Ax PD	3.5			10%		0.4x0.5	3000	40-45					
5	Cor T2 DIXON	3-4			10%		0.4x0.5	3000	55					
6	Cor 3D PD TSE	3D					0.65							
↓ OPTIONAL ↓														
	STIR	3-4	Failed fat sat		10%		0.4x0.5	3000						

Instructions: FOV and Coverage- On axials, cover 1-2 cm above the ankle joint to skin surface. On coronals, cover from posterior skin to base of metatarsals. On sagittals, cover from slightly medial to medial malleolus to slightly lateral to lateral malleolus. **For Achilles tendon, cover upto midcalf on 2D sagittal**

Large subject: Increase voxel-0.7 mm, if problem with SNR or wrap, etc- call OPB/PMH for remote monitoring help.

Reconstruction for 3D- 0.65 mm in all 3 planes

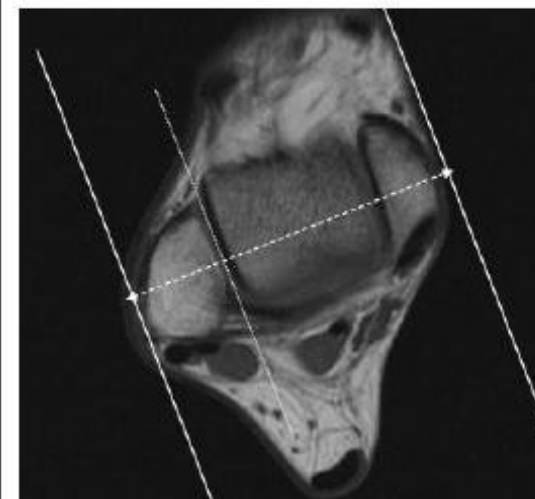
Others- Always put marker at the site of most pain, injury or swelling. If motion observed, stop the scan, instruct patient to lay still and repeat the sequence.



Axial



Coronal



Sagittal