

Femoral Anteversion-Tibial Torsion

Anatomy: Femoral Anteversion-Tibial Torsion
 Sub-Anatomy: Lower extremity 1.5T and 3T

- Exams **ORDERABLE- Lower Extremity**
 - Routine
 Coil: Torso coil

SEQUENCE - BASICS																
PLANE	SEQ	Slice thickness (mm)	Misc / Comment	M T X	% R F O V	Gap (mm)	Voxel size (mm)	TR	TE	F A/ Tl	Nex Avg Acq	NS	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift BW-kHz
ROUTINE																
	3 plane scout		Only GRE													
1	Coronal STIR	4-5x0.5x0.6				0.5		4000	25-30							
2	Cor T1	4-5x0.5x0.6				0.5		600	6-9							
3	Axial PD bilateral	3-4x0.5x0.6	1.5T ONLY			0.4		4000	40-45							
4	Axial 3D VISTA bilateral no FS	3T only	3T ONLY													

Instructions: FOV and Coverage- To be done on 1.5T Siemens, both legs as close together as possible. Area of coverage for coronals is from crest to ankles - Area of coverage for axials is b/l joints in one FOV (see below) – image hips, knees and ankles during the same setting without moving the subject.

Others- If motion observed, stop the scan, instruct patient to lay still and repeat the sequence.

