

Myositis, Muscle Strain, Muscle Infection

Anatomy: Both thighs or legs, 3T or 1.5T - Exams
 Sub-Anatomy: Both thighs or legs, 3T or 1.5T - Routine

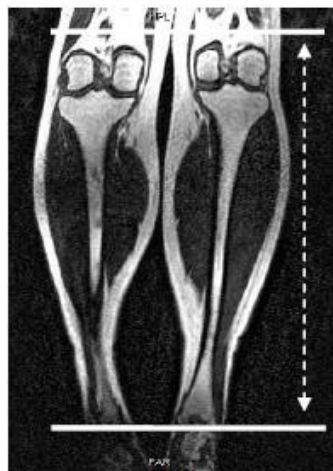
ORDERABLE- Lower extremity

Coil: Extremity or large flex Coil

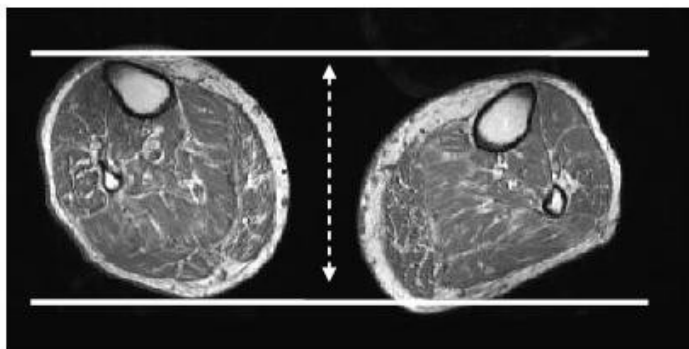
SEQUENCE - BASICS																
PLANE	SEQ	Slice thickness (mm)	Misc / Comment	T	R	Gap (mm)	Voxel size (mm)	TR	TE	F A/ TI	Nex Avg Acq	NS	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift BW-kHz
	ROUTINE															
	3 plane scout		Only GRE													
1	AX T2 SPAIR	4-5x0.5x0.6				0.5		4000	50-65							
2	Ax T1	4-5x0.5x0.6				0.5		600	6-9							
3	Cor T1	4-5x0.5x0.6				0.5		600	6-9							
4	Cor STIR	4-5x0.5x0.6				0.5		2000	25-35							
5	Sag T2 Dixon (or) Sag T2 FS	4-5x0.5x0.6				0.5		4000	50-65							
6	Axial DWI	1.5x1.5x4	b-50, 400,800			0		7000	70							
7	Pre and post Axial mDixon or VIBE	1mm isotropic	2 phases			iso										
	↓ OPTIONAL ↓															
	Sag or axial STIR	4-5x0.5x0.6	Failed fat sat			0.5		2000	25-35							

Instructions: FOV and Coverage- Always do both thighs or both legs in the same FOV depending upon thigh or leg is ordered. Do subtraction with contrast. Cover skin to skin.

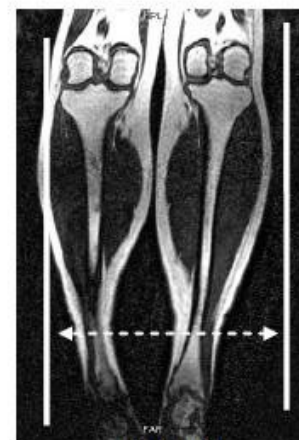
Others- Always put marker at the site of most pain, injury or swelling. If motion observed, stop the scan, instruct patient to lay still and repeat the sequence.



Axial



Coronal



Sagittal