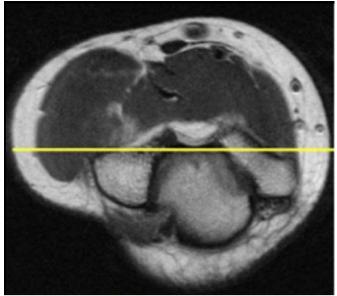
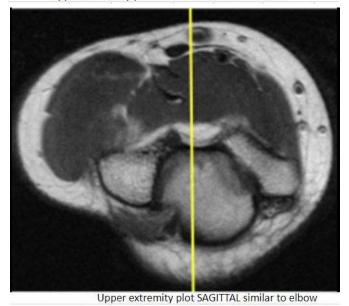
	LONG BONE WWO								
COIL:	HIGH CHANNEL COUNT (12+) BODY ARRAY OR (8+) FLEX COIL WRAPPED AROUND; COIL-IN-TABLE SYSTEMS SHOULD USE POSTERIOR ARRAY COIL ELEMENTS ALSO								
POSITIONING:	Position lower extremity in mild INTERNAL ROTATION. Position upper extremity SUPINATED.								
CLINICAL INDICATIONS/ HISTORY:	MASS/TUMOR, INFECTION/CELLULITIS/OSTEOMYELITIS								
PLOTTING:	Axial = true axial to long bone Coronal = like ELBOW for humerus/forearm; like KNEE for thigh/calf Sagittal = like ELBOW for humerus/forearm; like KNEE for thigh/calf								
COVERAGE	If for STRESS FRACTURE, coronal must include BILATERAL in FOV. Cover entire long bone in 2 scan groups to avoid artifact, display composed. If for BONE TUMOR, coronal & sagittal must include entire bone (composed)								
TIDS	If using body array coil on Siemens systems, assure that ALL COIL ELEMENTS are turned on. For HUMERUS studies: move patient closer to isocenter								

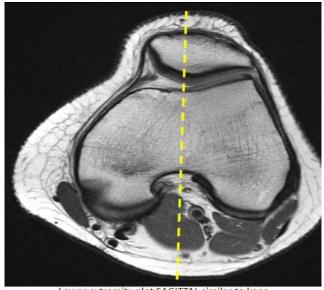
SCAN ORDER	PLANE	IMAGE CONTRAST/ WEIGHTING	MODE/ SEQ TYPE	Averages (NEX)	BW (Hz/pixel)	ETL	TR RANGE	TE RANGE	TI	FLIP ANGLE	SLICE/GAP (mm)	FOV (cm)	Resolution	Phase Axis	Send to PACS	Fat sat
1	COR BILAT	STIR	2D/FSE	1	150-180	8-12	3500- 6000	20-30	140 - 150	>130	4/0.4	40-50	256 X 256	SI	FULL SERIES	
2	COR BILAT	T1	2D/FSE	1	150-180	2-3	450-650	8-10		>130	4/0.4	40-50	256 x 256	SI	FULL SERIES	NONE
3	AX	STIR	2D/FSE	1	150-180	8-12	3500- 6000	20-30	140 - 150	>130	6/0.6	16-22	256 x 256	RL	FULL SERIES	
4	AX	T1	2D/FSE	1	150-180	2-3	450-650	8-10		>130	6/0.6	16-22	256 x 256	RL	FULL SERIES	NONE
5	АХ	Т2	2D/FSE	1	150-180	8-12	3500- 6000	65-75		>130	6/0.6	16-22	256 x 256	RL	FULL SERIES	NONE
6	SAG	STIR	2D/FSE	1	150-180	8-12	3500- 6000	20-30	140 - 150	>130	3/0.3	40-50	256 x 256	SI	FULL SERIES	
IF WO/W PRE-GAD: 7	АХ	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	6/0.6	16-22	256 X 256	RL	FULL SERIES	WEAK
GIVE CONTRAST																
POST-GAD: 8	AX	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	6/0.6	16-22	256 X 256	RL	FULL SERIES	WEAK
POST-GAD: 9	COR	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	4/0.4	40-50	256 x 256	SI	FULL SERIES	WEAK



Upper extremity plot CORONAL similar to elbow



Lower extremity plot CORONAL similar to knee



Lower extremity plot SAGITTAL similar to knee