

**PROTOCOL: SCAPULA WWO- OSTEOMYELITIS/TUMOR**

<b>COIL:</b>	HIGH CHANNEL COUNT (12+) BODY ARRAY OR (8+) FLEX COIL; COIL-IN-TABLE SYSTEMS MAY USE POSTERIOR ARRAY COIL ELEMENTS	<b>POSITIONING:</b>	Supine, position same as shoulder
<b>CLINICAL INDICATIONS/ HISTORY:</b>	INFECTION, OSTEOMYELITIS, TUMOR	<b>PLOTTING:</b>	Axial = true axial of scapula Coronal = long axis of scapular body Sagittal = short axis of scapular body
<b>COVERAGE:</b>	Cover entire scapula from above scapular spine and acromion to below inferior angle. Cover entire medial to lateral width of scapula.	<b>TIPS:</b>	On systems with coil-in-table, may roll patient slightly to place affected side down and closer to coil

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	AX	STIR	2D/FSE	1-2	150-180	8-12	3500-6000	20-30	140 - 150	>130	4/0	15-18	256 x 256	AP	FULL SERIES	
2	AX	T1	2D/FSE	1	150-180	2-3	450-650	8-10		>130	4/0	15-18	256 x 256	AP	FULL SERIES	NONE
3	COR	T2FS	2D/FSE	1	150-180	8-12	3500-6000	65-75		>130	3/0	16-22	256 X 256	RL	FULL SERIES	WEAK
4	COR	T1	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3/0	16-22	256 x 256	RL	FULL SERIES	NONE
5	SAG	STIR	2D/FSE	1	150-180	8-12	3500-6000	20-30	140 - 150	>130	4/0	16-22	256 x 256	SI	FULL SERIES	
IF WO/W PRE-GAD: 6	AX	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	4/0	15-18	256 X 256	AP	FULL SERIES	WEAK
<b>GIVE CONTRAST</b>																
POST-GAD: 7	AX	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	4/0	15-18	256 X 256	AP	FULL SERIES	WEAK
POST-GAD: 8	COR	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3/0	16-22	256 x 256	RL	FULL SERIES	WEAK