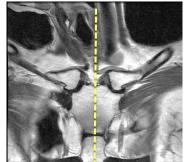
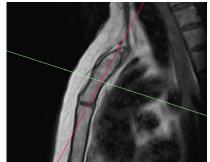
PROTOCOL:	STERNOCLAVICULAR JOINTS															
COIL:	HIGH CHANNEL COUNT (12+) BODY ARRAY OR (8+) FLEX COIL; COIL-IN-TABLE SYSTEMS MAY USE POSTERIOR ARRAY COIL ELEMENTS															
POSITIONING:	ONING: Prone with arms at sides if patient is able. Turn head to one side or the other.															
CLINICAL INDICATION HISTORY:	INICAL INDICATIONS/ STORY:  WO: FX, TRAUMA, PAIN   WWO: INFECTION/OSTEOMYELITIS, MASS, TUMOR															
PLOTTING:	Axial = axial to manubrium in midline centered at SC joints Coronal = coronal to manubrium in midline centered at SC joints Sagittal = true sagittal															
COVERAGE:	Axial: from above top of medial clavicle through manubrium Coronal: through entire SC joints including all bone and ligaments Sagittal: include bilateral SC joints entirely, medial clavicle to medial clavicle															
TIPS:	Motion artifact minimized if sternum is placed on table-prone position Phase encoding placed so motion artifact does not go thru SC joints															
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	АХ	STIR	2D/FSE	1	150-180	8-12	3500- 6000	20-30	140 - 150	>130	3/0	15-18	256 x 256	RL	FULL SERIES	
2	AX	T1	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3/0	15-18	256 x 256	RL	FULL SERIES	NONE
3	COR	PDFS	2D/FSE	1	150-180	8-12	3500- 6000	38-42		>130	3/0	15-18	256 x 256	RL	FULL SERIES	WEAK
4	COR	PD	2D/FSE	2	150-180	8-12	3500- 6000	38-42		>130	3/0	15-18	512 x 320	RL	FULL SERIES	NONE
5	SAG	STIR	2D/FSE	1	150-180	8-12	3500- 6000	20-30	140 - 150	>130	3/0	15-18	256 x 256	AP	FULL SERIES	
<b>STOP HERE</b>	IF NO CO	ONTRAST														
IF WO/W PRE-GAD: 6	АХ	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3/0	15-18	256 X 256	RL	FULL SERIES	WEAK
GIVE CONTRAST	г															
POST-GAD: 7	АХ	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3/0	15-18	256 X 256	RL	FULL SERIES	WEAK
POST-GAD: 8	COR	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3/0	15-18	256 x 256	RL	FULL SERIES	WEAK



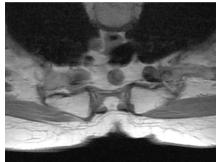
CORONAL IMAGE OF S-C JOINTS SHOWING SAGITTAL PLANE



SAGITTAL IMAGE OF STERNUM SHOWING AXIAL AND CORONAL PLANES



SAGITTAL IMAGE OF STERNUM SHOWING AXIAL PLANE



**AXIAL IMAGE THROUGH S-C JOINTS**