

**PROTOCOL: MRI CERVICAL SPINE WO-FORAMEN**

**CLINICAL**

**INDICATIONS/ HISTORY** NECK PAIN, RADICULOPATHY, POST TRAUMA, CERVICAL DISC DISEASE- \*\*\*\*SPECIFICALLY FOR NEURAL FORAMEN AS REQUESTED BY SEVERAL NEURO REFERRERS\*\*\*\*

SCAN ORDER	PLANE	IMAGE CONTRAST/ WEIGHTING	MODE	PULSE SEQ	COVERAGE	TR RANGE	TE RANGE	TI	FLIP ANGLE	THICKNESS/G AP (mm)	FOV (cm)	Max Pixel (mm) Fr x Ph	PHASE AXIS	SEND TO PACS	Max scan time (target)	
1	SAG	T1	2D	FSE	COVER BONY CERVICAL SPINE	<790	MIN	-	>130	3/1	18-20	.9X.9	SI	FULL SERIES	3:00	
2	SAG	T2	2D	FSE	COVER BONY CERVICAL SPINE	4000-7000	90-110	-	>130	3/1	18-20	.9X.9	SI	FULL SERIES	3:00	
3	SAG	STIR	2D	FSE	COVER BONY CERVICAL SPINE	3000-6000	50-70	150	>130	3/1	18-20	1.0X1.0	SI	FULL SERIES	4:00	
4	AX	T2*	2D	MEDIC/ MERGE	BOTTOM C2	TOP T1	SINGLE ACQ	20-24	-	20-25	3/1	14-16	1.0X1.0	PA	FULL SERIES	5:45
5	AX	T2	2D	FSE	FORAMEN MAGNUM	TOP T1	4000-7000	90-110	-	>130	3/1	24	1.0X1.0	PA	FULL SERIES	4:00
6	SAG	T2	3D	SPACE/ CUBE	COVER BONY CERVICAL SPINE *GENEROUSLY*	1500-2000	120+		>130	.9/OVLP	20-22	1.0X1.0	SI/PA	FULL SERIES+ OBL SAG LEFT/ RIGHT	5:30	
* (IF SCOLIOSIS)	COR	T2	2D	FSE	COVER BONY CERVICAL SPINE	4000-7000	90-110	-	>130	4/0	20-22	.8X.8	RL	FULL SERIES	3:00	