

UT Southwestern Department of Radiology

Anatomy: **Spine**

- Exams

Sub-Anatomy: **MS C-Spine w/ contrast (6MS)**

- Routine

Coil: **Spine Matrix**

SEQUENCE – BASICS				VARIABLE PARAMETERS														
PLANE	SEQ	Slice / Gap (mm)	Misc / Comment	MTX	FOV (cm)	% RFOV	Scan%	Pixel size (mm)	TR	TE	FA/TI	Nex Avg Acq	NS	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift BW-kHz	
<b>ROUTINE</b>																		
SAG	T1	3/0.3			22													
SAG	T2	3/0.3			22													
SAG	PD	3/0.3			22													
SAG	STIR	3/0.3			22													
AX	mFFE	3/0.3	Cover Foramen Magnum to T1		18													
AX	T2	3/0.3	Cover Foramen Magnum to T1		18													
AX	T1 Post	3/0.3	Cover Foramen Magnum to T1		18													
SAG	T1 Post	3/0.3			22													
<b>↓ OPTIONAL</b>																		
<b>↓</b>																		
AX	T1 Pre	3/0.3	If only C-Spine is ordered.		18													

**ORDERABLE: MR C-SPINE W AND WO CONTRAST.**

**TIPS:** If done along with MS Brain, all sequences to be done post contrast. If done alone, there must be a pre and post T1 Axial.

**\*\*AXIAL mFFE added to MS protocol 3.4.19\*\***