

UT Southwestern Department of Radiology

Anatomy: **Thoracic Spine**

Coil: **SPINE MATRIX**

Image Acquisition Protocol: **Thoracic Spine MS Non-Contrast (7 MS-non)**

UTSW ORDERABLE: **MR THORACIC SPINE WO IV CONTRAST**

Last Edited: **10/6/2020**

Review Date: **10/6/2020**

Allotted Scan Time: **30 min**

SEQUENCE - BASICS								
PLANE	SEQUENCE	Coverage	Slice Thickness/ Gap (mm)	Pixel Size (F X P) (mm)	FOV (F X P) (mm)	TR (ms)	TE (ms)	Misc./Comments
ROUTINE								
3 Plane	Scout							
SAG	2D T1W TSE	Lateral border of RT transverse process to lateral border of LT transverse process	3/0.3	0.8 X 0.9	180 X 360	350 - 650	6 - 9	
SAG	2D STIR TSE	Lateral border of RT transverse process to lateral border of LT transverse process	3/0.3	0.8 X 0.9	180 X 360	3000 - 5500	45 - 55	
SAG	2D T2W TSE	Lateral border of RT transverse process to lateral border of LT transverse process	3/0.3	0.8 X 0.9	180 X 360	3000 - 5500	90 - 120	
AX	2D T2W TSE	C7 – L1	4/0.4	0.8 X 0.9	150 X 150	3000 - 5500	90 - 120	