

MRI THORACIC SPINE W/VO CONTRAST

Revised: 6/2019

CPT Code: 72157

Indications: Tumor, Infection, MS, metastasis

Contrast: Yes

Preferred Scanner

Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
Sagittal Spine Localizer	T1	5mm	1mm	N	400	C1-S1	
Sagittal	T1	3mm	1mm	N	340	C7-L1, include entire vertebral body R-L, angulation parallel to spinal cord	
Sagittal	T2	3mm	1mm	N	340	C7-L1, include entire vertebral body R-L, angulation parallel to spinal cord	
Axial Upper	T2	4mm	1mm	N	180	C7-T6 approx, perpendicular to spinal cord	
Axial Lower	T2	4mm	1mm	N	180	Approx T6-L1, perpendicular to spinal cord	Make sure overlapping coverage
Sagittal	STIR	3mm	1mm	N	340	C7-L1, include entire vertebral body R-L, angulation parallel to spinal cord	

CONTRAST

Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
Sagittal	T1	3mm	1mm	Y	340	C7-L1, include entire vertebral body R-L, angulation parallel to spinal cord	
Axial Upper	T1	4mm	1mm	Y	180	C7-T6 approx, perpendicular to spinal cord	
Axial Lower	T1	4mm	1mm	Y	180	Approx T6-L1, perpendicular to spinal cord	Make sure overlapping coverage

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