

MRI Entire Spine

Updated 07/17/17

Reviewed 05/14/25

Indications: acute trauma, cord compression.

This protocol must be approved by a Radiologist.

IV contrast is not given for this protocol.

Go to MRIMaster.com for a guide of proper positioning.

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice	Field of View
T1	T1 SAG CERVICAL	sag	no	4	0.6	left	cervical spine
T2	T2 FS SAG CERVICAL	sag	yes	4	0.6	left	
T1	T1 SAG THORACIC	sag	no	4	0.6	left	thoracic spine
T2	T2 FS SAG THORACIC	sag	yes	4	0.6	left	
T1	T1 SAG LUMBAR	sag	no	4	0.6	left	lumbar spine
T2	T2 FS SAG LUMBAR	sag	yes	4	0.6	left	
*T2	T2 AX CERVICAL	ax	no	3	1	top	cervical spine
*T2	T2 AX THORACIC	ax	no	7	3.5	top	thoracic spine
*T2	T2 AX LUMBAR	ax	no	5	1	top	lumbar spine

*Axial T2 sequences are optional.