

UT Southwestern Department of Radiology

Protocol Name: CT Thoracic Spine with Contrast

Orderable Name: CT THORACIC SPINE W IV CONTRAST

Adult Only

Epic Button: T-Spine With

CTDIvol < 90 mGy

Indications: pain, numbness, trauma, fracture, postop, neoplasm, stenosis.

Acquisitions: 1

Active Protocol

Oral Contrast: None	IV Contrast: Link to Contrast Information Rate (ml/sec): 3 Volume (ml): 100 IV Access: Power injection: 20g or larger strongly preferred (if 22g use reduce rate to 2.5 mL/sec) Notes: Saline Test Injection: 10 sec @ injection rate	Other Contrast: None	Airway Inspiration Other Notes On Siemens machines only send the "Spine Multi" images on all non-trauma spine work. When performed with L-Spine acquire and send axial, sagittal and coronal together in each series.
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Last Change: 1/24/2024

Last Review: 1/8/2025

Links:

Special Instructions		Do not repeat CT scan, recon soft tissue from 1st acquisition
Acq # / Series Name	1 Contrast	N/A Contrast
Phase Timing	60 seconds	N/A
Acquisition Protocol		Recon Only
Coverage	C7-L1	Same
FOV	Bony spine	Same
Algorithm	Bone	Soft Tissue
Axial Recons	2 mm	2 mm
Other Planar Recons	2 mm coronal and sagittal	2 mm sagittal
MIP Recons		
†DECT Philips		
†DECT Siemens		
†PC-CT Siemens		

† When dual energy (DE) or photon counting (PC) CT is used

