

GE VCT 64 SLICE PROTOCOLS

Protocol Name: THORACIC SPINE ROUTINE ADULT			
INDICATIONS:	Evaluation of thoracic injury, pain, and shoulder/arm pain or numbness.	LABEL:	SCOUT*, THORACIC*. The * means anything after these beginnings will hang correct in pacs
IV CONTRAST:	None	RECON 1:	.625mm thick/.625 mm interval. Bone recon at 1500ww/300wl. With 3 mm COR and SAG MPRs.
ORAL CONTRAST:	None	RECON 2:	2.5mm thick /2.5 mm interval. Bone recon 1500ww/300wl.
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Feet first. Arms above head. Landmark above chest. Check with radiologist about which levels to scan. No gantry angle.	ADDITIONAL POST PROCESSING:	Usually none. Send 0.625 images to awwkstn1 if 3D is needed.
GENERAL EXAM GUIDELINES:	2.5 x 2.5 mm axial images with 3 mm sag and cor recons. 160 DFOV.	SEND EXAM:	Send scout, 2.5 axials, and SAG and COR recons to pacs (salrcs1 under network).
TRIGGER OR CONTRAST DELAY:	None	ARCHIVE:	
TECHNIQUE GUIDELINES:	120 kvp. Smart MA on.	BILL AS:	Usually thoracic CT without contrast

SCOUT PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S0.00	I600.00	120	40 and 20	90 and 0	N
	Above chest	Iliac crest				

AXIAL IMAGE PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	Thick Speed	Interval (mm)	Gantry Tilt	SFOV	kv	ma	DFOV	Show Recon1	Show Rocon2	Show Rocon3	Direct Vis
Helical Full 0.7 sec rotation	S0.0	I200.0	0.625 39.37 0.984:1	0.625	S0.0	Large Body	120	650 22.10~ Smart mA On DR 40%	16.0	0.625mm Bone+ 2000ww 200wl For recons SS60	2.5mm Bone+ 2000w 200l Send to Pacs SS40	2.5mm Std 400w 40l Send to Pacs SS40	On 3mm Cor and Sag Send to Pacs

Updated 1/31/2108