

**GE VCT 64 SLICE PROTOCOLS**

**Protocol Name: CHEST/ABDOMEN/PELVIS 5 to 10 YRS CHILD**

INDICATIONS:	Evaluation of child for trauma, chest or abdominal pain, cancer, or abnormal labs.	LABEL:	SCOUT*, CHEST*. The * means anything after these beginnings will hang correct in pacs
IV CONTRAST:	1cc per pound of nonionic contrast. 1.0-2cc/sec. 24ga or better IV.	RECON 1:	.625mm thick/.625 mm interval. Std recon at 400ww/30wl. With cor and sag 5mm avg DMPRs.
ORAL CONTRAST:	2-3 cups of Gastroview is drank the hour prior to scanning.	RECON 2:	5mm thick / 5 mm interval. Std recon 400ww/30wl.
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Feet first. Landmark above chest. Cuts are taken from above lungs through a few cuts into the iliac crests or pubis if pelvis is also ordered. Same DFOV as previous chest or abdomen CTs.	ADDITIONAL POST PROCESSING:	None
GENERAL EXAM GUIDELINES:	5 x 5 mm axial images. 300 DFOV.	SEND EXAM:	Send scout, 5mm axials, and sag and cor images to pacs
TRIGGER OR CONTRAST DELAY:	40 Second delay set or remove delay if hand injecting.	ARCHIVE:	
TECHNIQUE GUIDELINES:	100 kvp. Auto ma on.	BILL AS:	Usually chest abdomen pelvis with contrast CT (check dr.'s order)

**SCOUT PROTOCOL SET IN SCANNER**

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S0.00	1500.00	100	10	180	2
	Above chest	Pubis				

**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 Recon2	Show Recon3	Direct Vis
Helical Full 0.5 sec rotation	S0.0	I200.0	5 27.50 1.375:1	5	S0.0	Ped Body	100	275 31.72~  Auto ma on  DR 20%	30.0	5mm Std  400ww 30wl  Send to Pacs SS20	.625m Std  400ww 30wl  For recons SS20	0	On  5mm Cor and Sag avg mprs