

GE VCT 64 SLICE PROTOCOLS

Protocol Name: ABDOMEN/PELVIS 0 to18 months CHILD	
INDICATIONS:	Evaluation of infant for trauma, abdominal pain, cancer, or abnormal labs.
IV CONTRAST:	1cc per pound of nonionic contrast. 1.0-2cc/sec. 24ga or better IV.
ORAL CONTRAST:	1-2 cups of gastrografin is drank the hour prior to scanning if possible. .
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Feet first. Landmark at mid sternum. Cuts are taken from a few cuts into the lungs through a few cuts into the iliac crests or pubis if pelvis is also ordered. Same DFOV as previous abdomen CTs.
GENERAL EXAM GUIDELINES:	3.75 x 3.75 mm axial images. 250 DFOV.
TRIGGER OR CONTRAST DELAY:	50 seconds or take out delay to hand inject.
TECHNIQUE GUIDELINES:	100 kvp. Auto ma on.
LABEL:	SCOUT*, ABDOMEN*. The * means anything after these beginnings will hang correct in pacs
RECON 1:	.625mm thick/.625 mm interval. Std recon at 400ww/30wl. With cor and sag 5mm avg DMPRs.
RECON 2:	3mm thick / 3 mm interval. Std recon 400ww/30wl.
ADDITIONAL POST PROCESSING:	None
SEND EXAM:	Send scout, 2.5mm axials, and sag and cor images to pacs.
ARCHIVE:	
BILL AS:	Usually abdomen &/or pelvis with contrast (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	I100.00	100	10	180	N
	Diaphragm	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 Rocon2	Show Rocon3	Direct Vis
Helical Full 0.4 sec rotation	S0.0	I80.0	3.75 27.50 1.375:1	3.75	S0.0	Ped Body	100	180 5.77~ Auto ma on DR 20%	25.0	3.75m Std 400ww 30wl Send to Pacs SS20	0.625m m Std 400ww 30wl For recons SS30		On 3mm Cor and Sag avg mprs