

GE VCT 64 SLICE PROTOCOLS

Protocol Name: CT UROGRAM ADULT (Revised 1-31-2018)	
INDICATIONS:	Evaluation of patient with hematuria or other kidney complaints. Ordered by urologist usually.
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Feet first. Landmark at mid sternum. Cuts are taken from a few cuts into the lungs through the ischial tuberosities. Same DFOV as previous abdomen CTs. Scan without IV contrast, give patient 75cc contrast pre-dose, flush with 20 mls of saline, wait 10 minutes then repeat the images with remaining 75 mls of IV contrast at 100 second delay
IV CONTRAST:	Without and with contrast. 150 cc Isovue 300. 22g or better IV. 2-3 cc/sec injection
ORAL CONTRAST:	16 ounces of water just before the CT
GENERAL EXAM GUIDELINES:	5 x 5 mm noncontrast then 5x5mm contrast axial images. Std recon 400ww/30wl. 5x5 Avg Sag and Cor and 5x2.5 MIP Cor DMPRs
ADDITIONAL POST PROCESSING:	Curved reformats of the ureters
TRIGGER OR CONTRAST DELAY:	100 seconds
SEND EXAM:	Send scout, 5mm axials, sag and 2 cor images, curved reformats (25 image loops of each side), and dose report to isite
TECHNIQUE GUIDELINES:	120 kvp. Auto ma/smart ma on.
BILL AS:	abdomen & pelvis CT w&wo contrast

GE VCT SCANNER WITH ASIR PROTOCOL

Scan Type	Start Loc	End Loc	Thick Speed	Interval (mm)	Gantry Tilt	SFOV	kv	ma	DFOV	Recon1	Rocon2	Rocon3	CTDI vol
Helical Full 0.6 sec rotation	S0.0 Above Diaphragm	I400.0 Ischial tuberosities	5.0nons Cont. 5.0 39.37 0.984:1	5.00		Large Body	120	450 11.57~ & 650 10.61~	40.0	5mm Std 400ww 30wl SS50	0.625 Std 400ww 30wl SS50		Avg 5-35