

CT Abdomen/Pelvis - Renal Stone Protocol

GE- 6013

Maximum CTDI __30__

Indication: Renal stone, flank pain with hematuria,

Note: ALWAYS include the Pelvis – if not included in order contact ordering MD to obtain order for pelvis.

PT Prep: No oral contrast
No IV contrast

Series 1: Scouts AP & LAT – Supine “O” at Xiphoid Process S20 to I550

Series 2: Scan from top of kidneys to bottom of symphysis pubis.

Technique:

	750 HD (128) CT2	Optima 660 (32) OVIC	Optima 660 CT1	VCT 64 CT3
Noise Level	14.46	14.46	11.60	11.60
Interval	5mm	5mm	5mm	5mm
Axial/Helical Thickness	5mm	5mm	5mm	5mm
Pitch	0.984:1	1.375:1	0.984:1	0.984:1
Speed mm/rotation	39.37	55	39.37	39.37
Detector Rows				
Detector Configuration				
Beam Collimation	40mm	40mm	40mm	40mm
KV/mA	Auto mA – if large pt. use manual & maximize mA	Auto mA – if large pt. use manual & maximize mA	Auto mA – if large pt. use manual & maximize mA	Auto mA – if large pt. use manual & maximize mA
Scan Type	Helical Full 0.8 sec	Helical Full 0.7 sec	Helical Full 0.6 sec	Helical Full 0.6 sec

Networking/ PACs: Send scouts
Send series 2 Standard Soft Tissue Algorithm
Recon and send lung images in lung algorithm
Recon and send bone images with bone algorithm
Recon and send MPR images in standard algorithm
Record DLP in PACS comments

Original Date: 4-8-04

Approved by: Dr. Songmen, MCR _____

Revised Date: 11/9/04, 1/11/10, 12/8/10, 04/17/13, 12/15/2015, 2/28/18, 07/27/21, 1/30/24