

CT Pubic Arch

GE- 8003

Maximum CTDI 75

Indication: Prostate Treatment Planning

Note: Include all soft tissue/skin

PT Prep: Drink 400cc of water 1 hour prior to scan. Do not allow patient to urinate.
Tape feet together
IV contrast per MCR contrast dosing guidelines

Series 1: Scouts AP & LAT – Supine “O” at Iliac Crest S20 to I350

Series 2: Helical scan from the lower margin of L5 to the upper margin of the symphysis as seen on the Lateral scout.
Inject IV contrast per MCR contrast dosing guidelines @ 3cc/sec. **Delay of 80 seconds.**

Technique:

	750 HD (128) CT2	Optima 660 (32) OVIC	Optima 660 CT1	VCT (64) CT3
Noise Level	15.86	11.57	11.60	11.60
Interval	2.5mm	2.5mm	2.5mm	2.5mm
Axial/Helical Thickness	2.5mm	2.5mm	2.5mm	2.5mm
Pitch	0.984:1	0.984:1	0.984:1	0.984:1
Speed mm/rotation	39.37	39.37	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 0.7 sec	Helical Full 0.7 sec	Helical Full 0.7 sec	Helical Full 0.7 sec

Series 3: Rescan same area after **240 second delay.**

Networking/ PACs: Send scouts
Send series 2 and 3 Standard Soft Tissue Algorithm
Recon and send bone images with bone algorithm
Recon and send MPR images in standard algorithm
Record DLP in PACS comments

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Approved by: Dr. Songmen, MCR _____

Revised Date: 11/9/04, 1/11/10, 12/8/10, 04/17/13,05/15/15, 2/28/18, 07/27/21, 1/30/24