

# 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  
20g to 18g peripheral IV needed for contrast administration  
Contrast dose may be adjusted due CRCL guidelines.

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

Series 2: Helical scan from seminal vesicals through apex of inferior ischium.  
Inject 100cc of IV contrast @ 3cc/sec. **Delay of 80 seconds.**

Technique:

	<b>128 slice</b>	<b>32 slice w/ASIR</b>	<b>64 slice</b>	<b>64 slice w/ASIR 30%</b>
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

Original Date: 4-8-04

Approved by: Dr. Rehfuss , MCR \_\_\_\_\_

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