

CT Post Cyroablation

GE 6012

Maximum CTDI 75

Indication: s/p cyroablation

PT Prep: IV contrast – Yes (follow IV contrast administration guidelines)
20g to 18 g peripheral IV needed for contrast administration

Series 1: Scouts AP & LAT – Supine “O” at Xiphoid Process S20 to I400

Series 2: Unenhanced – Scan from diaphragm to iliac crest

	128 slice	32 slice w/ASIR	64 slice	64 slice w/ASIR 30%
Noise Level	19.80	14.00	14.00	14.00
Interval	5 mm	5 mm	5 mm	5 mm
Axial/Helical Thickness	5 mm	5 mm	5 mm	5 mm
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	40 mm	40 mm	40 mm	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 0.8 sec	Helical Full 0.8 sec	Helical Full 0.8 sec

Series 3: Corticomedullary Phase 100 cc of IV contrast @ 4cc/sec.

Contrast dose may be adjusted based on CrCl).

Delay 35 seconds: Helical Scan from above the kidneys to iliac crest

	128 slice	32 slice w/ASIR	64 slice	64 slice w/ASIR 30%
Noise Level	15.86	19.80	11.05	11.05

Original Date: 4-8-04

Approved by: Dr. Songmen, MCR _____

Revised Date: 11-9-04, 1-11-10 12/8/10 1/28/2013 12/15/15, 1/30/24 Page 1 of 4

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Interval	2.5 mm	2.5 mm	2.5 mm	2.5 mm
Axial/Helical Thickness	2.5 mm	2.5 mm	2.5 mm	2.5 mm
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	40 mm	40 mm	40 mm	40 mm
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 0.8 sec	Helical Full 0.8 sec	Helical Full 0.8 sec

	128 slice	32 slice w/ASIR	64 slice	64 slice w/ASIR 30%
Noise Level	15.86	14.72	11.05	11.05

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Interval	2.5 mm	2.5 mm	2.5 mm	2.5 mm
Axial/Helical Thickness	2.5 mm	2.5 mm	2.5 mm	2.5 mm

Series 4: Nephrographic Phase: **Delay 90 seconds:** Scan from diaphragm to iliac crest

	128 slice	32 slice w/ASIR	64 slice	64 slice w/ASIR 30%
Noise Level	15.86	14.72	11.05	11.05
Interval	2.5 mm	2.5 mm	2.5 mm	2.5 mm
Axial/Helical Thickness	2.5 mm	2.5 mm	2.5 mm	2.5 mm
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	40 mm	40 mm	40 mm	40 mm
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 0.8 sec	Helical Full 0.8 sec	Helical Full 0.8 sec

Series 5: Excretory Phase: **Delay 4 Minutes:** scan from above kidneys to iliac crest

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				64
Detector Configuration				

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Beam Collimation	40 mm	40 mm	40 mm	40 mm
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 0.8sec	Helical Full 0.8 sec	Helical Full 0.8 sec

Networking/ PACs: Send scouts

Send series 2, 3, 4 Standard Soft Tissue Algorithm

Recon series 2, 3, 4 Bone Algorithm

Recon series in Lung Algorithm if scanned

Send MPR's all series

Send thinnest image from all series to 3D.