

CT Lower Extremity Foot/Ankle

GE- 7003

Maximum CTDI 30

PT Prep: May need to prop extremity up on towel and tape to keep straight.
If possible, foot should be positioned at a 90 degree orientation.

Series 1: **Scouts AP & LAT –**
S 100 to I 100

Series 2: **Helical** scan of the affected area. Center on middle of joint that is clinically indicated.
Scan in a Soft Tissue Recon 2 in a Bone Algorithm.

Do not film or send RECON 3/retro-recon images to PACS

Reconstruction **Standard & Bone**

DFOV 15-20cm

Technique:

	750 HD 128 (room 2)	Optima 660 (32) OVIC	Optima 660 (room 1)	VCT 64 (room 3)
	25.00	9.00	9.00	9.00
Interval	1.25mm	1.25mm	1.25mm	1.25mm
Axial/Helical Thickness	1.25mm	1.25mm	1.25mm	1.25mm
Pitch	0.531:1	0.531:1	0.516:1	0.516:1
Speed mm/rotation	10.62	10.62	20.62	20.62
Detector Rows				
Detector Configuration				n/a
Beam Collimation	20mm	20mm	40mm	
Kv/mA	120KV/300mA	120KV/300mA	120KV/300mA	120KV/300mA
Scan	Helical 0.5 sec	Helical 1.0 sec	Helical 1.0 sec	Helical 0.5 sec

Reformations: Using the bone algorithm images from Recon 3/reformat sagittal and coronal

Networking/ PACs: Send scouts
Send series 2 Standard Algorithm
Send series 2 Bone Algorithm
Send coronal/sagittal reformations

Original Date: 4-8-04

Approved by : Dr. A. Specht , MCR

Revised Date: 11-9-04, 1-11-10 12/8/10 04/17/13 12/15/15, 9/16/20

GE MDCT