

CT Upper Extremity Hand/Wrist

GE- 7000

Maximum CTDI 30

PT Prep: Preferred position is with extremity over patients head or prone with arm extended.

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)
Noise	24.50	11.00	9.50	9.50
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	20.62	20.62	20.62	20.62
Detector Rows				
Detector Configuration				
Beam Collimation	20mm	40mm	40mm	40mm
Kv/mA	120KV/300mA	120KV/300mA	120KV/300mA	120KV/300mA
Scan	Helical 0.6 sec	Helical 0.6 sec	Helical 0.6 sec	Helical 0.6

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