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

GE MDCT