

CT Upper Extremity Shoulder

GE- 7001

Maximum CTDI 30

PT Prep: Leave arms down by patient's side.
If possible position shoulder in external rotation (rotate elbow to achieve)

Series 1: **Scouts AP & LAT --**
S 150 to I 150

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 (320 OVIC	Optima 660 (room 1)	VCT 64 (room 3)
	18.23	15.86	15.86	15.86
Interval	2.5mm	2.5mm	2.5mm	2.5mm
Axial/Helical Thickness	2.5mm	2.5mm	2.5mm	2.5mm
Pitch	0.531:1	0.531:1	0.531:1	0.531:1
Speed mm/rotation	10.62	10.62	10.62	10.62
Detector Rows				
Detector Configuration				
Beam Collimation	20mm	20mm	20mm	20mm
Kv/mA	120KV/380mA	120KV/380mA	120KV/380mA	120KV/380mA
Scan	Helical 1.0 sec	Helical 1.0 sec	Helical 1.0 sec	Helical 1.0 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