

 University Health™	Policy #: Rad Proc 13.16.1
SUBJECT: CT Upper Extremity Shoulder 4.1	Effective: 10/2013 Reviewed: 03/07/2017
APPROVED BY: Musculoskeletal Imaging Medical Director	Page 1 of 1

Purpose: To provide computed tomography staff with the required protocol for performing CT Upper Extremity Shoulder.

Scope: All adult patients 18 years and older.

Clinical Indication: Pain, Fracture, dislocation, trauma

Patient Preparation: None

Orientation: Head first

Breathing: Inspiration

Oral Contrast: None

IV Contrast per Weight: None

Coverage: Top of shoulder through proximal humerus

Anatomic Reference: Sternal notch

Scan Delay: N/A

Group 1: Top of shoulder through proximal humerus

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kVp	Auto mA/ Noise Index	Prep Time (sec)	Recon Type
LS 16 0.8 sec Helical Full	2.5 9.37 0.938:1	2.5	Large	120	80-440 11.5	No	Standard Bone
VCT 0.8 sec Helical Full	2.5 9.37 0.938:1	2.5	Large	120	80-600 11.5	No	Standard Bone
AS 64 0.5 sec Helical	2.5	2.5	380	120	Ref MAS 250	No	Standard Bone

Algorithm: Recon 1 & 2 2.5mm Standard and bone Recon 3 & 4 0.625mm Standard and bone at 32cm DFOV

Reformation: Sagittal and Coronal reformations at 0.6mm. Make 3D reformations.

Network: Recon 1 (2.5mm) to PACS. Recon 2 (0.625) auto transmit to AWSERV

Notes: Auto mA must be on and mA table checked prior to scanning