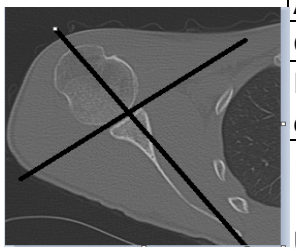
Shoulder 64 GE

Indications	Pain, swelling, fall, mva, trauma
Diagnostic Task	Detect fractures, dislocations, arthritis
Scan mode	Helical
Position/Landmark	Head first-Supine S100-I230
Topogram	AP 120kV 20mA Lat 120kV 80mA
kVp/Reference mass	120kv Auto mA (100-700)
Rotation time/pitch	0.9/0.516:1
Detector Configuration	64x.625
Table Speed/Increment	20.62
Dose reduction	Noise Index 22.10
Allowed CTDI ranges*	7mGy-50mGy
XR29 Dose Notification value	50mGy

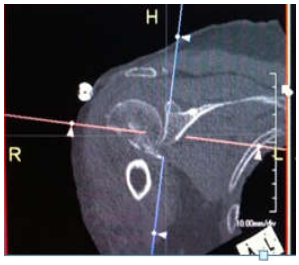
Helical Set

recon	body part	thickness spacing	algorithm	recon destination
1	shoulder bone	.625mmx .625mm	bone	pacs
2	soft tissue	.625mmx.625mm	standard	mpr 3d
3	shoulder	2.5mmx 2.5mm	standard	pacs
4	sag bone	2mmx2mm	bone	pacs
5	coronal bone	2mmx2mm	bone	pacs
6	sag soft tissue	2mmx2mm	standard	pacs
7	coronal soft tissue	2mmx2mm	standard	pacs

Scan Start/end location	1cm superior to AC joint
	1cm inferior to scapula
DFOV	25 cm
	decrease appropriately
3D Technique Used	do 3d spin with recon 2- 20 images rotate externally-if fracture seen
IV contrast volume/type	100ml -isovue 370- if needed for soft tissue infection or mass
Scan delay	90seconds-Performed as directed by a the supervising radiologist
	Affect arm down by side with palm up
	Contralateral arm above head
	If there is a shoulder prosthesis, scan to include the distal end of the humeral component.



Use an axial image at mid glenoid level to reformat sag and coronal reformats 2mmx2mm



Use coronal image at the mid glenoid level to reformat sag image 2mmx2mm