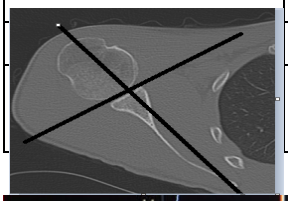
SHOULDER Siemens GO ALL

Indications	Pain, swelling, fall, mva, trauma
Diagnostic Task	Detect fractures, dislocations, arthritis
Scan mode	Helical
Position/Landmark	Head or feet first-Supine -1CM superior to shoulder-Craniocaudal
Topogram	AP 110kV 15 mA
kVp/Reference mass	130kv 84mas
Rotation time/pitch	1.0/0.8
Detector Configuration	32x0.7
Table Speed/Increment	22.4
Dose reduction	CareDose 4D
Allowed CTDI ranges*	7mGy-50mGy
XR29 Dose Notification value	50mGy

Helical Set

recon	body part	thickness spacing	kernel	window	recon destination
1	Shoulder axial	2mmx2mm	Br40	soft tissue	pacs
2	Shoulder Cor ST	2mmx2mm	Br40	soft tissue	pacs
3	Shoulder Sag ST	2mmx2mm	Br40	soft tissue	pacs
4	Shoulder axial bone	0.8mmx0.8mm	Br60	Osteo	pacs
5	Shoulder Cor bone	2mmx2mm	Br60	Osteo	pacs
6	Shoulder Sag bone	2mmx2mm	Br60	Osteo	pacs
7	3D Spin shoulder		Br40	soft tissue	pacs

Scan Start/end location	1cm superior to AC joint 1cm inferior to scapula
DFOV	25 cm decrease appropriately
	do 3d spin with recon 3-if obvious fracture
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