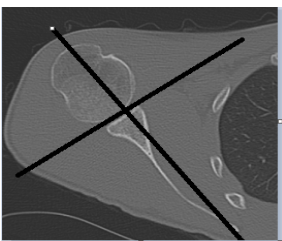


# Shoulder SUMMARY

<b>Indications</b>	Pain, swelling, fall, mva, trauma																																																
<b>Diagnostic Task</b>	Detect fractures, dislocations, arthritis																																																
<b>Scan mode</b>	Helical																																																
<b>Helical Set</b>	<table border="1"> <thead> <tr> <th></th> <th>recon</th> <th>body part</th> <th>thickness spacing</th> <th>algorithm</th> <th>recon destination</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>shoulder</td> <td>bone</td> <td>.625mmx .625mm</td> <td>bone</td> <td>pacs</td> </tr> <tr> <td>2</td> <td>soft tissue</td> <td></td> <td>.625mmx.625mm</td> <td>standard</td> <td>mpr 3d</td> </tr> <tr> <td>3</td> <td>shoulder</td> <td></td> <td>2mmx 2mm</td> <td>standard</td> <td>pacs</td> </tr> <tr> <td>4</td> <td>sag bone</td> <td></td> <td>2mmx2mm</td> <td>bone</td> <td>pacs</td> </tr> <tr> <td>5</td> <td>coronal bone</td> <td></td> <td>2mmx2mm</td> <td>bone</td> <td>pacs</td> </tr> <tr> <td>6</td> <td>sag soft tissue</td> <td></td> <td>2mmx2mm</td> <td>standard</td> <td>pacs</td> </tr> <tr> <td>7</td> <td>coronal soft tissue</td> <td></td> <td>2mmx2mm</td> <td>standard</td> <td>pacs</td> </tr> </tbody> </table>		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		2mmx 2mm	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
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7	coronal soft tissue		2mmx2mm	standard	pacs																																												
<b>Scan Start/end location</b>	1cm superior to AC joint																																																
	1cm inferior to scapula																																																
<b>DFOV</b>	25 cm																																																
	decrease appropriately																																																
<b>3D Technique Used</b>	do 3d spin with recon 2- 20 images rotate externally-if fracture seen																																																
<b>IV contrast volume/type</b>	100ml -isovue 370- if needed for soft tissue infection or mass																																																
<b>Scan delay</b>	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

Please see online MSK CT protocols for details.