

Hand wrist small FOV SUMMARY

Indications	Pain, swelling, fall, mva, trauma																																																
Diagnostic Task	Detect fractures, dislocations, arthritis																																																
Scan mode	Helical																																																
Helical Set	<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>hand/wrist</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>hand/wrist</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	hand/wrist	bone	.625mmx .625mm	bone	pacs	2	soft tissue		.625mmx.625mm	standard	mpr 3d	3	hand/wrist		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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Scan Start/	hand-1cm superior to the distal radioulnar joint/ wrist-1cm superior distal radial diaphysis																																																
end location	hand-through finger tips/ wrist-1cm inferior to third metacarpal base																																																
DFOV	10-15 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																																																
	Patient prone																																																
	Arm of concern above head with elbow extended-Palm down																																																
	use axial image to reformat sag and coronal reformats																																																



Please see online MSK CT protocols for details.