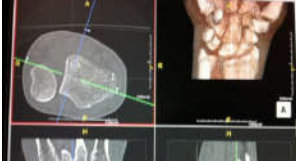


# Hand wrist small FOV 64 GE

Indications	Pain, swelling, fall, mva, trauma				
Diagnostic Task	Detect fractures, dislocations, arthritis				
Scan mode	Helical				
Position/Landmark	Head first-prone-at wrist joint S150-I150				
Topogram	AP 120kV 10mA Lat 120kV 10mA				
kVp/Reference mass	100kv Auto mA (100-335)				
Rotation time/pitch	0.5/0.531:1				
Detector Configuration	64x.625				
Table Speed/Increment	10.62				
Dose reduction	Noise Index 22.10				
Allowed CTDI ranges*	7mGy-50mGy				
XR29 Dose Notification value	50mGy				
Helical Set		body	thickness		recon
	recon	part	spacing	algorithm	destination
	1	hand/wrist bone	.625mmx .625mm	bone	pac
	2	soft tissue	.625mmx.625mm	standard	mpr 3d
	3	hand/wrist	2.5mmx 2.5mm	standard	pac
	4	sag bone	2mmx2mm	bone	pac
	5	coronal bone	2mmx2mm	bone	pac
	7	coronal soft tissue	2mmx2mm	standard	pac
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

