


Hand wrist small FOV 64 Toshiba

Indications	Pain, swelling, fall, mva, trauma					
Diagnostic Task	Detect fractures, dislocations, arthritis					
Scan mode	Helical					
Position/Landmark	Head first-prone-mid forearm S-l					
Topogram	AP 120kV 50mA Lat 120kV 50mA					
kVp/Reference mass	120kv 200mA					
Rotation time/pitch	0.5/0.641					
Detector Configuration	64x0.5					
Table Speed/Increment	20.5					
Dose reduction	na					
Allowed CTDI ranges*	7mGy-50mGy					
XR29 Dose Notification value	50mGy					
Helical Set		body	thickness			recon
		recon	part	spacing	algorithm	destination
	1	hand/wrist	bone	.5mmx .5mm	bone sharp	pac
	2	soft tissue		.5mmx.5mm	standard	mpr 3d
	3	hand/wrist		2mmx 2mm	standard sharp	pac
	4	sag	bone	2mmx2mm	bone sharp	pac
	5	coronal	bone	2mmx2mm	bone sharp	pac
	6	sag	soft tissue	2mmx2mm	standard	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						