Hand wrist small FOV 16 Sensation

Indications	Pain, swelling, fall, mva, trauma
Diagnostic Task	Detect fractures, dislocations, arthritis
Scan mode	Helical
Position/Landmark	Head first-prone -mid forearm-Craniocaudal
Topogram	Lat 120kV 50mA AP 120kV 50 mA
kVp/Reference mass	120kv 120mas
Rotation time/pitch	0.75/0.9
Detector Configuration	2x0.6
Table Speed/Increment	1.08
Dose reduction	CareDose 4D-off
Allowed CTDI ranges*	7mGy-50mGy
XR29 Dose Notification value	50mGy

Helical Set						
		body	thickness			recon
	recon	part	spacing	kernel	window	destination
	1	thin hand/wrist	.75mmx.75mm	u90ultrasharp	osteo	mpr/pacs
	2	hand/wrist	2mmx 2mm	31medium smooth	mediastinum	pacs
	3	hand/wrist	.75mmx.5mm	31medium smooth	mediastinum	mpr

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	10-15cm
	decrease appropriately
3D Technique Used	2x2 coronal and sag reformats from recon 1 bone
	2x2 coronal and sag reformats from recon 3 soft tissue
	do 3d spin with recon 3-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