RIH – IV CONTRAST NECK CHEST SIEMENS DEFINITION AS20 PROTOCOL

Indications - mass, lymphoma, adenopathy, mets.

Position/Landmark		Head first or feet first-Supine				
Topogram Direction		1cm superior to skull vertex Craniocaudal / Craniocaudal				
. Free		Cramocadan / Cramocadan				
Respiratory Phase	Inspiration					
Scan Type		Helical				
Ref kV/Ref mAs/Rotation time (sec)	Neck Chest					
Pitch / Speed (mm/rotation)	Care kV 120/Care Dose4D 90/1sec Care kV 120/Care Dose4D 150/0.5sec					
Safire Strength / Dose Optimization		.8:1 , 16.00mm .6:1 , 12.00mm				
		3 / 7		3/6		
Detector width x Rows = Beam Collimation		$1.25 \text{mm} \times 16 = 20 \text{mm}$				
Average Tube Output	First	Helical: ctdi – 9.7	•	econd Helical: ctdi – 10.0mGy		
		dlp – 305.6 mGy.cm		dlp – 366 mGy.cm		
First Helical Set		body	thickness/		recon	
Slice Thickness/ Spacing	recon	-	spacing	algorithm	destination .	
Algorithm Recon Destination	$\frac{1}{2}$	axial iv neck	3mm x 3mm	I40f medium	pacs	
Recon Destination		coronal iv neck	3mm x 3mm	I40f medium	pacs	
C111-121-C-4	3	thin neck	1.5mm x 1mm	I40f medium	terarecon	
Second Helical Set Slice Thickness/ Spacing		body	thickness/	01 00 mi410 ma	recon	
Algorithm	recon	part chest	spacing 5mm x 5mm	algorithm I40f medium	destination .	
Recon Destination	$\begin{vmatrix} 1\\2 \end{vmatrix}$	lungs	5mm x 5mm	1401 medium 170f very sharp	pacs	
	3	coronal chest	5mm x 5mm	I40f medium	pacs pacs	
	4	thin chest	1.5mm x 1mm	I40f medium	terarecon	
Scan Start / End Locations	<u> </u>	neck	1.511111 X 1111111	chest	terarecon	
					ung apices	
		aortic arch		1cm inferior to adrenal glands		
DFOV		18cm		38cm		
		decrease appropriately				
IV Contrast Volume / Type / Rate		90mL Iohexol (Omnipaque 300), 3mL/sec 55 second scan delay				
Scan Delay	30 seconds					
2D/3D Technique Used	Work	Workstream 4D mpr of 3mm x 3mm coronal neck series, auto-transferred to				
	PACS. Workstream 4D mpr of 5mm x 5mm coronal chest series, auto-transferred to PACS.					
Comments: Recon 3 is a thin helical volume of the neck that is archived to the TeraRecon server. Recon 4 is a thin						
helical volume of the chest that is archived to the TeraRecon server.						
Images required in PACS	Topogr	ams. 3mm x 3mm	neck. 3mm x 3mm a	coronal neck 5mm	x 5mm axial	
	Γopograms, 3mm x 3mm neck, 3mm x 3mm coronal neck, 5mm x 5mm axial chest, 5mm x 5mm coronal chest, 5mm x 5mm axial lungs, Patient Protocol					
onesi, emin a entre enesi, emin a emin anti rango, ratione riotecti						