RIH – IV CONTRAST NECK
SIEMENS DEFINITION AS+ PROTOCOL

Indications - mass, lymphoma, adenopathy, mets.

Position/Landmark	Head first or feet first-Supine 1cm superior to skull vertex
Topogram Direction	Craniocaudal / Craniocaudal
Respiratory Phase	Inspiration
Scan Type	Helical
Ref kV/Ref mAs/Rotation time (sec) **Pitch / Speed (mm/rotation)** **Safire Strength / Dose Optimization**	Care kV 120 / Care Dose4D 115 / 1 sec .8:1 , 32.00mm 3 / 7
Detector width x Rows = Beam Collimation	0.625mm x 64 = 40mm (128 x .6mm)
Average Tube Output	ctdi – 9.5 mGy dlp – 300 mGy.cm
Helical Set Slice Thickness/ Spacing Algorithm Recon Destination	recon / body part / thickness/ spacing / algorithm / recon destination . 1 **axial iv neck** 3mm x 3mm I40f medium pacs 2 **coronal iv neck** 3mm x 3mm I40f medium pacs 3 thin neck .75mm x .7mm I40f medium terarecon
Scan Start / End Locations **DFOV**	External auditory meatus Aortic arch 20 cm decrease appropriately
IV Contrast Volume / Type / Rate	70mL Iohexol (Omnipaque 300) , 2mL/sec if needed
Scan Delay	35 seconds
2D/3D Technique Used	Workstream 4D mpr of 3mm x 3mm **coronal neck** series, auto-transferred to PACS.
Comments: Recon 3 is a thin helical volume of the neck that is archived to the TeraRecon server.	
Images required in PACS	Topograms, 3mm x 3mm neck, 3mm x 3mm coronal neck, Patient Protocol