Child Chest

Siemens go.All

Application Examples: tumor, lymphoma, metastases

Oral Contrast	Yes
IV Contrast / Volume	0.62 ml Omnipaque 300 per pound
Injection Rate	Based on IV size and patients'weight

Technical Factors

Care Bolus ROI Location / HU	Aortic Arch / 100
Monitoring Delay	10 seconds
Cycle Time	1 second
Scan Delay	8 seconds
Breath Hold	Inspiration if possible

Detector Collimator	Acq 32 x 0.7 mm
X-Care	On
Care kV	On / 110 kV
Care Dose 4D	On / 60 mAs
Rotation Time	0.5
Pitch	1.5
Typical CTDIvol	

Topogram: Lateral, AP, 256 mm

Neck	Recon Type	Width / Increment	Algorithm	Safire	Window	FOV	Series Description	Networking	Post Processing
Recon 1	Axial	3 x 3	Br40	2	Mediastinum	-	AXIAL	PACS	-
Recon 2	Axial	3 x 3	Br64	2	Lung	-	AXIAL LUNG	PACS	-
Recon 3	3D:COR	3 x 3	Br40	2	Mediastinum	-	COR	PACS	COR MPR
Recon 4	3D:SAG	3 x 3	Br40	2	Mediastinum	-	SAG	PACS	SAG MPR
Recon 5	Axial	0.6 x 0.6	Br36	2	Mediastinum	-	AXIAL 0.6 STND	TeraRecon	-

IV Placement: ≥ 20 gauge, *preferably* in antecubital (AC) fossa

Patient Position: Patient lying supine with arms above head and lower legs supported.

Scan Range: Lung apices through adrenal glands.

Recons and Reformations: Set recon 2 begin and end points to include *lungs only*. Coronal and sagittal MPRs in examination card using raw data.

If being done for TRAUMA will need to add 2 extra Recon boxes 1)Radial Rib 2)Parallel Rib