Gundersen Health System

CAP Hypervascular

Siemens go.All

Application Examples: HCC, melanoma renal cell carcinoma, neuroendocrine / islet cell, carcinoid, melanoma, choriocarcinoma, thyroid hepatocellular carcinoma

Oral Contrast	Yes
IV Contrast / Volume	Omnipaque 350 / P3T
Injection Rate	P3T

Technical Factors

Arterial – Venous	
Detector Collimator	Acq 32 X 0.7 mm
Care kV	On / 120 kV
Care Dose 4D	On / 110 mAs
Rotation Time (seconds)	0.5
Pitch	0.6
Typical CTDIvol	10.34 mGy ± 50%

Arterial Phase	
Care Bolus ROI Location / HU	Aorta / 150
Monitoring Delay	20 seconds
Cycle Time	1 second
Scan Delay	**10 seconds**
Breath Hold	Inspiration
Typical CTDIvol	10.34 mGy ± 50%

Portal Venous	
Scan Delay	Adjust to equal 65 seconds
Breath Hold	Inspiration
Typical CTDIvol	10.34 mGy ± 50%

Topogram: Lateral & AP, 768 mm

Arterial	**Recon Type**	**W/I**	**Algorithm**	**Safire**	**Window**	**Series Description**	**Networking**	**Post Processing**
Recon 1	Axial	5 x 5	Br40	2	Abdomen	AXIAL ARTERIAL	PACS	None
Recon 2	Axial	2 x 2	Br64	2	Lung	AXIAL LUNG	PACS	None
Recon 3	3D:COR	3 x 3	Br36	2	Abdomen	COR	PACS	Coronal MPR
Recon 4	3D:SAG	3 x 3	Br36	2	Abdomen	SAG	PACS	Sagittal MPR
Recon 5	3D: AXIAL	8 x 5	Br40	2	Lung	AXIAL MIP	PACS	Axial MIP
Recon 6	Axial	0.6 x 0.6	Br36	2	Angio	AXIAL ARTERIAL 0.6 STND	TR & PACS	None
Recon 7	Axial	1.0 x 0.8	Br36	2	Mediastinum	AXIAL 1.0 X 0.8 STND	TeraRecon	None
Recon 8	Lung CAD	1.0 x 0.7	Br60	2	Lung	LUNG CAD	PACS	None

Venous	**Recon Type**	**Width / Inc**	**Algorithm**	**Safire**	**Window**	**Series Description**	**Networking**	**Post Processing**
Recon 1	Axial	5 x 5	Br40	2	Abdomen	AXIAL VENOUS	PACS	None
Recon 2	3D:COR	3 x 3	Br40	2	Abdomen	COR	PACS	Coronal MPR
Recon 3	3D:SAG	3 x 3	Br40	2	Abdomen	SAG	PACS	Sagittal MPR
Recon 4	Axial	0.6 x 0.6	Br36	2	Abdomen	AXIAL VENOUS 0.6 STND	TeraRecon	None

Scan Range: Adjust late arterial phase to include apices through ischial tuberosities. Adjust venous phase to include liver and kidneys.

Recons and Reformations: Adjust FoV to fit body contour.