

CAP

Siemens 16 Slice

Application Examples: tumor evaluation, restaging

Oral Contrast	Yes
IV Contrast / Volume	120 ml Omnipaque 300

Technical Factors

Injection Rate	2.5 ml/sec
Care Bolus ROI Location / HU	N/A
Monitoring Delay	N/A
Cycle Time	N/A
Scan Delay	65 seconds
Breath Hold	Inspiration

Scan Type	Spiral
Detector Collimator	Acq 16 x 1.2 mm
kV / mAs / Rotation Time (seconds)	130 kV / 140 mAs / 0.6
Care Dose 4D	On
Pitch	0.8
Typical CTDIvol	15.58 mGy

Topogram: AP, 768 mm

CAP	Width / Increment	Kernel	Window	Series Description	Networking
Recon 1	5 x 5	B30 s	Mediastinum	AXIAL	PACS
Recon 2	3 x 3	B70 s	Lung	AXIAL LUNG	PACS
Recon 3	1.5 x 0.7	B30 s	Mediastinum	AXIAL 1.5 x 0.7 STND	MPR / TeraRecon

This protocol is a combination of a routine thorax and abdominal study.

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

Scan Range: Lung apices through ischial tuberosities.

Recons: Set beginning and end points on recon 2 to include the entire lungs only.

Reformations: Post processing done in 3D card. Coronal and sagittal MPR of entire body. Axial MIP of lungs only.

Series: CAP	Reformat Type	Width / Increment	Window	Series Description	Networking
Recon 3	Coronal MPR	3 x 3	Mediastinum	COR	PACS
Recon 3	Sagittal MPR	3 x 3	Mediastinum	SAG	PACS
Recon 3	Axial MIP	8 x 5	Lung	AXIAL MIP	PACS