Abdomen Appy

Siemens go.All

Application Examples: right lower abdominal pain r/o appendicitis

Oral Contrast	Yes
IV Contrast / Volume	Omnipaque 300 / P3T
Injection Rate	P3T

Technical Factors

Care Bolus ROI Location / HU	N/A
Monitoring Delay	N/A
Cycle Time	N/A
Scan Delay	60 seconds
Breath Hold	Inspiration

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	0.8
Typical CTDIvol	10.34 mGy ± 50%

Topogram: Lateral & AP, 512 mm

Abdomen	Recon Type	Width / Increment	Algorithm	Safire	Window	Series Description	Networking	Post Processing
Recon 1	Axial	5 x 5	Br40	2	Abdomen	AXIAL	PACS	None
Recon 2	Axial	3 x 3	Br40	2	Abdomen	PELVIS AXIAL	PACS	None
Recon 3	3D:COR	3 x 3	Br40	2	Abdomen	COR	PACS	Coronal MPR
Recon 4	3D:SAG	3 x 3	Br40	2	Abdomen	SAG	PACS	Sagittal MPR

This protocol is used on appendicitis studies where the patient presents with right lower abdominal pain.

Patient Preparation: Patient to drink oral contrast for at minimum one hour prior to scan.

Patient Position: Patient lying supine with arms above head.

Scan Range: Scan diaphragm through ischial tuberosities.

Recons and Reformations: Set beginning and end locations on Recon 2 to include pelvis only (above IC to SP including entire appendix). Adjust FoV to fit body contour.