

Abdomen Appy

Siemens Flash

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	Liver / 40
Monitoring Delay	50 seconds
Cycle Time	4.0 seconds
Scan Delay	4 seconds
Breath Hold	Inspiration

Detector Collimator	Acq 128 x 0.6 mm
Care kV	On / 120 kV
Care Dose 4D	On / 150 mAs
Rotation Time (seconds)	0.5
Pitch	0.6
Typical CTDIvol	10.14 mGy \pm 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	I41f	2	Abdomen	AXIAL	PACS	None
Recon 2	Axial	3 x 3	I41f	2	Abdomen	PELVIS AXIAL	PACS	None
Recon 3	3D:COR	3 x 3	I41f	2	Abdomen	COR	PACS	Coronal MPR
Recon 4	3D:SAG	3 x 3	I41f	2	Abdomen	SAG	PACS	Sagittal MPR
Recon 5	Axial	0.6 x 0.6	I31f	2	Abdomen	AXIAL 0.6 STND	TeraRecon	None

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.