

Abdomen Appy

Siemens 16 Slice

Application Examples: right lower abdominal pain r/o appendicitis

Oral Contrast	Yes
IV Contrast / Volume	120 ml Omnipaque 300

Technical Factors

Injection Rate	2.5 ml/sec
Care Bolus ROI Location / HU	Liver / 30
Monitoring Delay	40 seconds
Cycle Time	3.9 seconds
Scan Delay	4 seconds
Breath Hold	Inspiration

Scan Type	Spiral
Detector Collimator	Acq 16 x 1.2 mm
kV / mAs / Rotation Time	130 kV / 155 mAs / 0.6 seconds
Care Dose 4D	On
Pitch	0.8
Typical CTDIvol	17.26 mGy

Topogram: AP, 512 mm

Abdomen	Width / Increment	Kernel	Window	Series Description	Networking
Recon 1	5 x 5	B30s	Abdomen	AXIAL	PACS
Recon 2	3 x 3	B30s	Abdomen	PELVIS AXIAL	PACS
Recon 3	1.5 x 0.7	B30s	Abdomen	AXIAL 1.5 x 0.7 STND	MPR / TeraRecon

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

Patient Position: Patient lying supine with arms above head.

Scan Range: Scan diaphragm through ischial tuberosities.

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

Reformations: Post processing done in 3D card.

Series: Abdomen	Reformat Type	Width / Increment	Window	Series Description	Networking
Recon 3	Coronal MPR	3 x 3	Abdomen	COR	PACS
Recon 3	Sagittal MPR	3 x 3	Abdomen	SAG	PACS