

Abdomen Renal Calculi

Siemens Flash

Application Examples: renal stone

Oral Contrast	No
IV Contrast / Volume	No

Technical Factors

Care Bolus ROI Location / HU	N/A
Monitoring Delay	N/A
Cycle Time	N/A
Scan Delay	3 seconds
Breath Hold	Inspiration

Detector Collimator	Acq. 128 x 0.6 mm
Care kV	On / 120 kV
Care Dose 4D	On / 120 mAs
Rotation Time (seconds)	0.5
Pitch	0.6
Typical CTDIvol	8.11 mGy \pm 50%

Topogram: Lateral & AP, 512 mm

Abdomen	Recon Type	Width / Increment	Algorithm	Safire	Window	Series Description	Networking	Post Processing
Recon 1	Axial	3 x 3	I41f	2	Abdomen	AXIAL	PACS	None
Recon 2	3D:COR	3 x 3	I41f	2	Abdomen	COR	PACS	Coronal MPR
Recon 3	3D:SAG	3 x 3	I41f	2	Abdomen	SAG	PACS	Sagittal MPR
Recon 4	Axial	0.6 x 0.6	I31f	2	Abdomen	AXIAL 0.6 STND	TeraRecon	None

This protocol is used for the evaluation of urinary tract calculi.

Patient Position: Patient lying supine with arms above head.

Scan Range: Scan from top of liver through bladder.

Recons and Reformations: Adjust FoV to fit body contour.

Epic Documentation: Document patient responses to the following four questions in study notes using smart phrase .CTRCAL and use F2 to step through below questions.

1. History of stones?
2. Hematuria?
3. Still has appendix?
4. What side pain?