

# Abdomen Adrenal

Siemens 16 Slice

Application Examples: adrenal mass

Oral Contrast	No
IV Contrast / Volume	120 ml Omnipaque 300
Injection Rate	2.5 mL/sec

### Technical Factors

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

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

Delayed	
Scan Delay	15 minutes
Breath Hold	Inspiration

Topogram: AP, 512 mm

Unenhanced	Width / Increment	Kernel	Window	Series Description	Networking
Recon 1	3 x 3	B30s	Abdomen	AXIAL WITHOUT	PACS

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

Delayed	Width / Increment	Kernel	Window	Series Description	Networking
Recon 1	3 x 3	B30s	Abdomen	AXIAL DELAYED	PACS
Recon 2	1.5 x 0.7	B30s	Abdomen	AXIAL DELAYED 1.5 X 0.7 STND	TeraRecon

This protocol is used to evaluate adrenal glands.

**Patient Position:** Patient lying supine with arms above head.

**Scan Instructions:** Scan non-contrast through adrenal glands then ALWAYS check images with Radiologist before proceeding with IV contrast. If okay to proceed, IV contrast enhanced images are acquired through the adrenals at 60 seconds and 15 minutes after the start of the injection.

**Recons:** Adjust FoV to fit body contour.

**Reformations:** Post processing done in 3D card.

Series: Venous	Reformat Type	Width / Increment	Window	Series Description	Networking
Recon 2	Coronal MPR	3 x 3	Abdomen	COR	PACS
Recon 2	Sagittal MPR	3 x 3	Abdomen	SAG	PACS