

Venography AP

Siemens go.All

Application Examples: stenosis or occlusion of deep veins in the pelvis, pelvic congestion

Oral Contrast	None	
IV Contrast	Omnipaque 350	Injection duration of 40 seconds
Weight	Volume	Injection Rate
< 121 lbs.	100mL	2.5 mL/sec
122-143 lbs	120mL	3.0 mL/sec
144-165 lbs.	135mL	3.4 mL/sec
166-187 lbs.	150mL	3.8 mL/sec
188-209 lbs.	175mL	4.4 mL/sec
>209 lbs.	200mL	5 mL/sec

Technical Factors

Scan Type	Spiral
Detector Collimator	Acq 32 x 0.7 mm
Care kV	Semi / 100 kV
Care Dose 4D	On / 180 mAs
Rotation Time (seconds)	0.5
Pitch	0.8

Scan Delay for AP	110 seconds
Breath Hold	Inspiration
Typical CTDIvol	12.00 mGy \pm 50%

Topogram: Lateral 512 mm and AP, 512 mm

Venography AP	Recon Type	Width/Increment	Algorithm	Safire	Window	Series Description	Networking	Post Processing
Recon 1	Axial	3 x 3	Br40	2	Abdomen	AXIAL	PACS	None
Recon 2	3D:COR	3 x 3	Br36	2	Abdomen	COR	PACS	Coronal MPR
Recon 3	3D:SAG	3 x 3	Br36	2	Abdomen	SAG	PACS	Sagittal MPR
Recon 4	Axial	0.6 x 0.6	Br36	2	Abdomen	AXIAL 0.6 STND	TR & PACS	None

Injector- Pick the Enterography protocol and adjust according to the above weight chart.**IV Placement:** ≥ 20 gauge, *preferably* in antecubital (AC) fossa.**Patient Position:** Patient lying supine feet first with arms comfortably above head and lower legs supported.**Scan Instructions:** **Must use 100 kV.** Increase mAs as needed to make CTDI the same as it would be for an abdominal CT at 120 kV.**Scan Range:** Scan diaphragm through SP.**Recons and Reformations:** FoV to fit body contour. Make coronal and sagittal MPRs of abdomen.