

Lower Extremity with IV Contrast

Siemens Flash

Application Examples: infection, cellulitis

Oral Contrast	No
IV Contrast / Volume	125 ml Omnipaque 300
Injection Rate	2.5 ml/sec

Technical Factors

Care Bolus ROI Location / HU	N/A
Monitoring Delay	N/A
Cycle Time	N/A
Scan Delay	120 seconds
Breath Hold	No

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	0.8
Typical CTDIvol	10.14 mGy \pm 50%

Topogram: Lateral & AP, 512 mm

Pelvis	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	2 x 2	I41f	2	Abdomen	COR	PACS	Coronal MPR
Recon 3	3D SAG	2 x 2	I41f	2	Abdomen	SAG	PACS	Sagittal MPR
Recon 4	Axial	0.6 x 0.6	I30f	2	Abdomen	AXIAL 0.6 STND	TeraRecon	None

This protocol is used for contrast exams of the lower extremity in venous phase.

Patient Position: Patient lying supine feet first with arms comfortably above head and legs extended flat on table (no cushions or wedges under legs or feet). Position legs as close together as possible in their neutral position.

Scan Instructions: Use a 120 second scan delay.

Scan Range: Scan as directed by ordering provider and/or Radiologist.

Recons and Reformations: Adjust FoV to include one or both legs as indicated on order.