

Head Venogram (non-DE)

Siemens Flash

Application Examples: venous thrombosis

Oral Contrast	No
IV Contrast / Volume	100 mL Omnipaque 300
Injection Rate	4 mL/sec

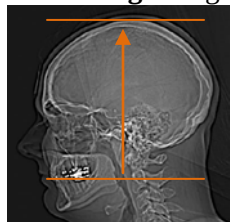
Technical Factors

Scan Delay	40 seconds
Breath Hold	N/A

Detector Collimator	Acq 128 x 0.6 mm
Care kV	Semi / 120 kV
Care Dose 4D	On / 165 mAs
Rotation Time (seconds)	0.5
Pitch	1.2
Typical CTDIvol	25.24 mGy $\pm$ 50%

Topogram: Lateral, 256 mm

Head CTV	Recon Type	Width / Increment	Algorithm	Safire	Window	FoV	Series Description	Networking	Post Processing
Recon 1	Axial	1 x 1	J30f	2	Cerebrum	200	AXIAL	PACS	None
Recon 2	3D:COR	2 x 2	J30f	2	Angio	-	COR MIP	PACS	Coronal MIP
Recon 3	3D:SAG	2 x 2	J30f	2	Angio	-	SAG MIP	PACS	Sagittal MIP
Recon 4	Axial	0.6 x 0.6	J30f	2	Angio	200	AXIAL 0.6 STND	TeraRecon	3D

First preference is to scan using DE protocol for CT head venogram exam.**IV Placement:** ≥ 20 gauge, *preferably* in antecubital (AC) fossa.**Patient Preparation:** Have patient remove any detachable dental work.**Patient Position:** Patient lying supine with arms at sides. Tuck chin slightly and position head so the sella is parallel to the gantry in a symmetrical position (no rotation or tilt).**Scan Range:** Begin at C2 and scan through skull vertex.**Scan Instructions:** Scan using 40 second scan delay.**Recons and Reformations:** Coronal and sagittal MIPs.**3D:** VR coronal, sagittal, right and left oblique views. See post processing protocol for further details.