

Angio Neck

Siemens go.All

Application Examples: carotid stenosis

Oral Contrast	No
IV Contrast / Volume / Injection Rate (<240lbs)	Omnipaque 350 / 75 mL / 5 mL/sec
IV Contrast / Volume / Injection Rate (≥240lbs)	Omnipaque 350 / 100 mL / 6mL/sec

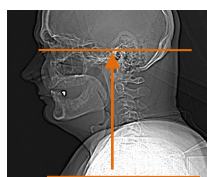
Technical Factors

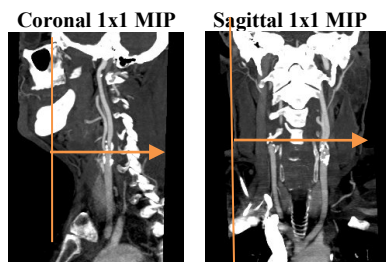
Care Bolus ROI Location / HU	Aortic Arch / 85
Monitoring Delay	10 seconds
Cycle Time	1 second
Scan Delay	3 seconds
Patient Instructions	Do not swallow

Detector Collimator	Acq 32 x 0.7 mm
Care kV	On / 100 kV
Care Dose 4D	On / 110 mAs
Rotation Time (seconds)	0.33
Pitch	1.10
Typical CTDIvol	6.63 mGy ± 50%

Topogram: Lateral and AP, 512 mm

Angio Neck	Recon Type	Width / Increment	Algorithm	Safire	Window	FoV	Series Description	Networking	Post Processing
Recon 1	Axial	0.6 x 0.6	Bv36	2	Angio	160	AXIAL	PACS & TR	Rotating MIP & CRPs
Recon 2	3D:COR	1 x 1	Bv44	2	Angio	-	COR MIP	PACS	Coronal MIP
Recon 3	3D:SAG	1 x 1	Bv44	2	Angio	-	SAG MIP	PACS	Sagittal MIP
Recon 4	RT CPR	Radial Vascular Range	Br40	2	Rotating MIP	-	Rt Carotid CPR	PACS	3D
Recon 5	LT CPR	Radial Vascular Range	Bv40	2	Rotating MIP	-	Lt Carotid CPR	PACS	3D
Recon 6	VRT 3D SPIN (Regional)	Radial Ranges (36)	Br40	2	Pelvis	-	VRT 3D SPIN	PACS	3D
Recon 7	MIP SPIN	Radial Ranges (24)	Bv36	2	Rotating MIP	-	MIP SPIN	PACS	3D

First preference is to scan using DE.**IV Placement:** ≥ 18 gauge, *preferably* in **right** 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) with neck in neutral position.**Scan Range:** Mid aortic arch to external auditory canal.**Scan Instructions:** Place pre-monitoring ROI in aortic arch.**Recons and Reformations:** Center on carotid arteries. Make coronal and sagittal MIPs as depicted below.



3D: Rotating MIP of bone subtracted data and CPR of carotids. See post processing protocol for further details. (Regional sites these will be done on scanner)