

MRA NECK WITHOUT & WITH CONTRAST

Indications	Intracranial arterial stenosis, occlusion, abnormality
IV site	IV site in RIGHT arm
Localizer	3 plane scout
Notes	Precontrast MRA necessary before post contrast performed

PLANE	SEQUENCE	FAT SAT	SLT/SP	FOV	NOTES
Axial	T1	Y	3-5 mm	20 cm	thyroid gland to skull base
Axial	2D and/or 3D TOF		<u>< 1.5 or VOI</u>	24 cm	cover from thoracic inlet to skull base
Axial	3D TOF		VOI	24 cm	minimum coverage from aortic arch to floor of sella. Subclavian arteries 2 cm distal to the vertebral arteries.

****Do vendor appropriate timing sequence prior to CE-MRA**

Interval ≤ 0.75 on recons

Post processing

- MIP right half of neck in R to L rotation
- MIP Left half of neck in R to L rotation
- MIP entire neck in R to L rotation
- MPR in sagittal and coronal plane. Send source images

Hard palate to include origins of CCA and Vert arteries

