

CTA Head

Last Updated: 12/2025

Name	Plane	Type	Window	Thick	Space	Scan Range
SCOUT						AP and Lat Head
INJECT CONTRAST - DELAY WITH SMART PREP BOLUS TRACKING						
AXIAL ST	Axial	MPR	Soft Tissue	1 mm	1 mm	C1 to scalp vertex
AXIAL THICK ST	Axial	MPR	Soft Tissue	3 mm	3 mm	Skin to Skin
CORONAL ST	Coronal	MPR	Soft Tissue	1 mm	1 mm	Skin to Skin
SAGITTAL ST	Sagittal	MPR	Soft Tissue	1 mm	1 mm	Skin to Skin
AXIAL COW MIP	Axial	MIP	Soft Tissue	5 mm	2 mm	COW

Notes:

- Noncontrast routine CT Head to be done before CTA if not recently done
- COW MIPS- Oblique axials angled to exclude the skull base but to include entire COW

Contrast:

- Contrast Type: Per site
- Contrast Dose: 75-100 cc
- Delay: Smart prep bolus tracking ROI within distal internal carotid artery or aortic arch with additional 3 sec delay with trigger threshold of 100HU