

CTA Head and Neck

Last Updated: 12/2025

Name	Plane	Type	Window	Thick	Space	Scan Range
SCOUT						AP and Lat Head to Upper Chest
INJECT CONTRAST - DELAY WITH SMART PREP BOLUS TRACKING						
AXIAL ST	Axial	MPR	Soft Tissue	1 mm	1 mm	Aortic Arch to Scalp Vertex
AXIAL THICK ST	Axial	MPR	Soft Tissue	3 mm	3 mm	Aortic Arch to Scalp Vertex
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
CORONAL MIP	Coronal	MIP	Soft Tissue	5 mm	2 mm	Skin to Skin
SAGITTAL MIP	Sagittal	MIP	Soft Tissue	5 mm	2 mm	Skin to Skin
AXIAL COW MIP	Axial	MIP	Soft Tissue	5 mm	2 mm	Skull Base to Vertex

Notes:

- Noncontrast routine CT Head to be done before CTA if not recently done

Contrast:

- Contrast Type: Per site
- Contrast Dose: 75-100 cc
- Delay: Smart prep bolus tracking ROI within ascending aorta with trigger threshold of 100HU