

UT Southwestern Department of Radiology

Protocol Name: CTA Head and Neck

Orderable Name: CT ANGIOGRAM BRAIN AND NECK W AND/OR WO IV CONTRAST

Adult Only

Epic Button: CTA Head&Neck

CTDIvol < 120 mGy

Indications: Stroke, AVM, aneurysm, intracranial hemorrhage

Acquisitions: 1

Active Protocol

<p>Oral Contrast: None</p>	<p>IV Contrast: Link to Contrast Information</p> <p>Rate (mL/sec): 4</p> <p>Volume (mL): 70</p> <p>IV Access: Inject on the right when feasible. Power injection: 20g or larger in large vein (prefer AC fossa or forearm)</p> <p>Notes: Test injection 20mL saline, bolus 70mL and saline flush 40mL</p>	<p>Other Contrast: None</p>	<p>Airway</p> <hr/> <p>Other Notes No habitus specific kVp adjustment. Bolus tracking @ top of arch, ROI in posterior descending aorta Threshold: 120 HU</p>
-----------------------------------	--	------------------------------------	--

Last Change: 1/24/2024

Last Review: 1/24/2024

Links:

[Bolus Tracking ROI](#)

Special Instructions	Send volume to TeraRecon Send hi/low kVp to SyngoVia
Acq # / Series Name	1 Arterial
Phase Timing	Bolus tracking (See Other Notes)
Acquisition Protocol	
Coverage	Bottom of aortic arch thru vertex
FOV	Whole head and neck
Algorithm	Soft Tissue
Axial Recons	Volume
Other Planar Recons	1 mm sagittal and coronal
MIP Recons	24x4mm Axial, 5x3mm coronal, 5x3mm sagittal
†DECT Philips	
†DECT Siemens	Bone removal
†PC-CT Siemens	

† When dual energy (DE) or photon counting (PC) CT is used

