

UT Southwestern Department of Radiology

Protocol Name: CTA Neck

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

Adult Only

Epic Button: CTA Neck

CTDIvol < 120 mGy

Indications: Carotid stenosis, pseudoaneurysm, vascular injury

Acquisitions: 1

Active Protocol

Oral Contrast: None	IV Contrast: Link to Contrast Information Rate (ml/sec): 5 Volume (ml): 70 IV Access: Power injection: 20g or larger in large vein (prefer AC fossa or forearm) Notes: Saline test Injection: 10 sec @ injection rate	Other Contrast: None	Airway Other Notes No habitus specific kVp adjustment. Bolus tracking @ top of arch, ROI in posterior descending aorta Threshold: 120 HU
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Last Change: 2/13/2024

Last Review: 1/8/2025

Links:

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

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

