

UT Southwestern Department of Radiology

Protocol Name: CTA Chest-Aorta

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

Adult only

Protocol Epic Button: CTA Chest-Aorta

CTDIvol < 60 mGy

Indications: Thoracic aortic aneurysm

Active Protocol

Acquisitions: 1

<p>Oral Contrast: None</p>	<p>IV Contrast: Link to Contrast Information Rate (mL/sec): 4 Volume (mL): 100</p> <p>IV Access: Power injection: 20g or larger in large vein (prefer AC fossa or forearm)</p> <p>Notes:</p>	<p>Other Contrast: None</p>	<p>Airway: Full inspiration</p> <hr/> <p>Other Notes: Read by Cardiothoracic and VIR divisions Consult body habitus kVp selection chart. Use bolus tracking with the threshold set around 100 HU at the aortic arch</p>
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Last Change: 2/19/2020

Last Review: 2/9/2022

Links:

[kVp Body Chart](#)

[General Statements](#)

Special Instructions	Send volume to TeraRecon
Series Name	1 Early Arterial
Phase Timing	Bolus tracking
Acquisition Protocol	Vascular
Coverage	Lower neck to upper abdomen
FOV	Whole body
Algorithm	Soft Tissue
Primary Axial Recon	2 mm, 0.5 mm
Other Recons	2 mm coronal and sagittal
MIP Recons	7x2mm axial
*Dual Energy Philips	
*Dual Energy Siemens	

* When dual energy or spectral CT is used

