

UT Southwestern Department of Radiology

Protocol Name: CT Orbits Without and With

Orderable Name: CT ORBITS W AND WO IV CONTRAST

Adult Only

Epic Button: Orbits W/O & W/

CTDIvol < 80 mGy

Indications: Grave's disease, vision loss, blurred vision, eye pain, malignancy, infection, trauma.

Acquisitions: 2

Active Protocol

<p>Oral Contrast: None</p>	<p>IV Contrast: Link to Contrast Information</p> <p>Rate (mL/sec): 3</p> <p>Volume (mL): 70</p> <p>IV Access: Power injection: 20g or larger strongly preferred (if 22g use reduce rate to 2.5 mL/sec)</p> <p>Notes: Saline Test Injection: 10 sec @ injection rate</p>	<p>Other Contrast: None</p>	<p>Airway</p> <hr/> <p>Other Notes No habitus specific kVp adjustment.</p>
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Last Change: 1/25/2023

Last Review: 1/24/2024

Links:

Special Instructions	Do not repeat CT scan, recon soft tissue from 1st acquisition		
Acq # / Series Name	1 Noncontrast	N/A Noncontrast	2 Contrast
Phase Timing		N/A	65 seconds
Acquisition Protocol		Recon Only	
Coverage	Frontal sinuses thru maxillary sinuses	Same	Frontal sinuses thru maxillary sinuses
FOV	All of sinus space (front of face)	Same	All of sinus space (front of face)
Algorithm	Bone	Soft Tissue	Soft Tissue
Axial Recons	2 mm	2 mm, volume	2 mm, volume
Other Planar Recons	2 mm coronal and sagittal	2 mm coronal and sagittal	2 mm coronal and sagittal
MIP Recons			
†DECT Philips			
†DECT Siemens			
†PC-CT Siemens			

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

