

# UT Southwestern Department of Radiology

Protocol Name: CT Temporal Bone Without

Epic Button: Temporal Bone Without

Indications: Cholesteatoma, implants, hearing loss. Refer to semicircular dehiscence protocol (Temporal Bone Dehiscence) if applicable.

Orderable Name: CT TEMPORAL BONE/EAR WO IV CONTRAST

Adult Only

CTDIvol < 80 mGy

# Acquisitions: 1

Active Protocol

Oral Contrast: None	IV Contrast: None	Other Contrast: None	Airway
			<div>Other Notes</div> <div>No habitus specific kVp adjustment.</div> <div>Gantry tilt: angle axials parallel to supra orbital rim and the skull base.</div> <div>UT: Alpha preferred</div>

Last Change: 1/24/2024

Last Review: 1/8/2025

Links:

Special Instructions		Do not repeat CT scan, recon soft tissue from 1st acquisition
Acq # / Series Name	1 Noncontrast	N/A Noncontrast
Phase Timing		N/A
Acquisition Protocol		Recon Only
Coverage	Above posterior fossa thru mastoids (all of semicircular canals)	Same
FOV	Whole head, include all ST (ears)	Same
Algorithm	Bone	Soft Tissue
Axial Recons	Volume, 0.5 mm coned down (100 mm FOV) eac	2 mm
Other Planar Recons	0.5 mm cor coned down (100 mm FOV) each side	2mm coronal coned down (100 mm FOV) each side
MIP Recons		
†DECT Philips		
†DECT Siemens		
†PC-CT Siemens		

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

