

INDICATION		Mastoiditis, Inner ear evaluation, Otitis Media, Cholesteotoma, Semicircular canal eval, Cochlea eval, Infection, Ear abnormality or deformity, Mass, Abscess					
POSITION / LANDMARK		Supine / Chin					
START/END LOCATIONS		Above Vestibule and Semicircular canals through Cochlea and Ossicles (include all of mastoid air cells), Caudal / Cranial					
CONTRAST PARAMETERS		50cc hand inject					
RESPIRATORY PHASE		n/a					
SCAN DELAY		70 seconds					
SCAN TYPE		Helical					
KV	mA	Rot Time (sec)	Pitch	Speed (mm/rot)	Noise Index	ASiR	Dose Reduction
120	Smart mA 100-250	0.7	0.531:1	10.62	6		
TECHNIQUE		Using automated exposure control and adjustment of the mA and/or kV according to patient size, radiation dose to be kept as low as reasonably achievable to obtain optimal diagnostic quality images.					
Scans							
Series #	Series	Body Part	DFOV	Thick/Space	Algorithm	Notes	
1	Loc					AP/Lat	
2	Source data	Mastoid	18	0.625x0.625	Bone	With (Full Field of View)	
Recons							
Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes	
2	AX	Mastoid	0.625x0.625	STND	350/40	With, ASiR 30%, (Full Field of View)	
2	AX	RT Mastoid	0.625x0.625	Bone	3500/800	10.5 Small FOV, With	
2	AX	LT Mastoid	0.625x0.625	Bone	3500/800	10.5 Small FOV, With	
2	COR	RT Mastoid	0.625x0.625	Bone	3500/800	10.5 Small FOV, With	

*Please note, recons are displayed as thickness X spacing



CT TEMPORAL BONE with GE Revolution

Approval: E. Alvarez, MD 6/25/2025

2	COR	LT Mastoid	0.625x0.625	Bone	3500/800	10.5 Small FOV, With
2	SAG	Mastoid	0.625x0.625	Bone	3500/800	18 Full FOV, With
2D / 3D Processing						
Series required in PACS						
Loc, Dose Report, Source data, ALL recons						

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing