

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 mastoids) Caudal cranial					
CONTRAST PARAMETERS		na					
RESPIRATORY PHASE		na					
SCAN DELAY		na					
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	Without (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	Without ASiR 30% (Full Field of View)	
2	AX	RT Mastoid	0.625x0.625	Bone	3500/800	10.5 Small FOV, Without	
2	AX	LT Mastoid	0.625x0.625	Bone	3500/800	10.5 Small FOV, Without	
2	COR	RT Mastoid	0.625x0.625	Bone	3500/800	10.5 Small FOV, Without	

*Please note, recons are displayed as thickness X spacing



CT TEMPORAL BONE without GE Revolution

Approval: E. Alvarez, MD 6/25/2026

2	COR	LT Mastoid	0.625x0.625	Bone	3500/800	10.5 Small FOV, Without
2	SAG	Mastoid	0.625x0.625	Bone	3500/800	18 Full FOV, without
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