



# CT MASTOIDS without GE Revolution

Approval: E. Alvarez, MD 12/2025

<b>INDICATION</b>		Mass					
<b>POSITION / LANDMARK</b>		Supine / Chin					
<b>START/END LOCATIONS</b>		Below mastoids through top of mastoids. Caudal cranial					
<b>CONTRAST PARAMETERS</b>		na					
<b>RESPIRATORY PHASE</b>		na					
<b>SCAN DELAY</b>		na					
<b>SCAN TYPE</b>		Helical					
<b>KV</b>	<b>mA</b>	<b>Rot Time (sec)</b>	<b>Pitch</b>	<b>Speed (mm/rot)</b>	<b>Noise Index</b>	<b>ASiR</b>	<b>Dose Reduction</b>
140	Smart mA 100-330	0.8	0.531 :1	10.62	11.31		
<b>TECHNIQUE</b>		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.					
<b>Scans</b>							
<b>Series #</b>	<b>Series</b>	<b>Body Part</b>	<b>DFOV</b>	<b>Thick/Space</b>	<b>Algorithm</b>	<b>Notes</b>	
1	Loc					AP/Lat	
2	Source data	Mastoid	18	0.625x0.625	Bone plus	Without	
<b>Recons</b>							
<b>Recon source Series #</b>	<b>Recon</b>	<b>Body Part</b>	<b>Thick / Space</b>	<b>Algorithm</b>	<b>W/L</b>	<b>Notes</b>	
2	AX	Mastoid	0.625x0.625	STND	350/40	without	
2	AX	RT Mastoid	0.625x0.625	Bone plus	3500/800	10.5 FOV, Without	
2	AX	LT Mastoid	0.625x0.625	Bone plus	3500/800	10.5 FOV, Without	
2	COR	RT Mastoid	0.625x0.625	Bone plus	3500/800	15 FOV, without	

\*Please note, recons are displayed as thickness X spacing



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2	COR	LT Mastoid	0.625x0.625	Bone plus	3500/800	15 FOV, without
2	SAG	RT Mastoid	0.625x0.625	Bone plus	3500/800	15 FOV, without
2	SAG	LT Mastoid	0.625x0.625	Bone plus	3500/800	15 FOV, without
<b>2D / 3D Processing</b>						
<b>Series required in PACS</b>						
Loc, Dose Report, Source data, ALL recons						

**ADDITIONAL INSTRUCTIONS:**

\*Please note, recons are displayed as thickness X spacing