



CT ORBIT with and without GE Revolution

Approval: E. Alvarez, MD 12/2025

INDICATION		Mass					
POSITION / LANDMARK		Supine / Chin					
START/END LOCATIONS		Above frontal sinus through hard palate. Use small FOV					
CONTRAST PARAMETERS		50cc hand inject					
RESPIRATORY PHASE		na					
SCAN DELAY		5 minute delay for with series					
SCAN TYPE		Helical					
KV	mA	Rot Time (sec)	Pitch	Speed (mm/rot)	Noise Index	ASiR	Dose Reduction
120	Smart mA 50-250	1		4i-5mm	2.8		
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	Orbits	18	2x2	Bone	Without	
3	Source data	Orbits	18	2x2	STND	With	
Recons							
Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes	
2	AX	Orbit	2x2	STND		without	
3	AX	Orbit	2x2	Bone		with	
3	COR	Orbit	2x2	Bone		with	
3	COR	Orbit	2x2	STND		with	

*Please note, recons are displayed as thickness X spacing



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3	SAG	Orbit	2x2	Bone		with
3	SAG	Orbit	2x2	STND		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