



CT CHEST with and without GE Revolution

Approval: M. Gange, DO

rev:2 2/12/2026

INDICATION		SOB, mass, lung nodule						
POSITION / LANDMARK		Supine / Chin						
START/END LOCATIONS		Above apex through lungs						
CONTRAST PARAMETERS		50cc Isovue 300, 2cc per second						
RESPIRATORY PHASE		Inspiration						
SCAN DELAY		35 sec						
SCAN TYPE		Helical						
	KV	mA	Rot Time (sec)	Pitch	Speed (mm/rot)	Noise Index	ASiR	Dose Reduction
wo	120	Smart mA 500	0.7	0.984:1	39.37	27		
with	120	Smart mA 500	0.7	0.984:1	39.37	27		
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 wo	Chest	See note	5x5	STND	WITHOUT FOV open to include axilla		
3	Source data with	Chest	See note	5x5	STND	WITH FOV open to include axilla		
Recons								
Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes		
2	AX	Chest	5x5	Mediastinum		WITHOUT		

*Please note, recons are displayed as thickness X spacing



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2	COR	Chest	3x3	Mediastinum		WITHOUT
2	SAG	Chest	3x3	Mediastinum		WITHOUT
3	AX	Chest	5x5	Mediastinum		WITH
3	AX	Chest	2.5x2.5	Lung	2000/-400	WITH
3	COR	Chest	3x3	Mediastinum		WITH
3	SAG	Chest	3x3	Mediastinum		WITH
3	AX	Chest	10x2	Lung	2000/ -400	WITH
2D / 3D Processing						
Series required in PACS						
Loc, Dose Report, Source data, ALL recons except 1.25x0.625 AX						

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing