

INDICATION		Low back pain						
POSITION / LANDMARK		Supine / XY						
START/END LOCATIONS		Pedicle of T12 through the sacrum						
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 100-750	0.8	0.984:1	39.37	21.45		
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	Lumbar	50	1.25 x 0.625	Bone	This series does not go to PACS, but is used for recons.		
Recons								
Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes		
2	AX	Lumbar	2x2	STND	400/40	reconstructed angled at L4/L5 disc space ensuring these scroll together		
2	AX	Lumbar	2x2	Bone	3500/800	reconstructed angled at L4/L5 disc space ensuring these scroll together		

*Please note, recons are displayed as thickness X spacing



CT LUMBAR without GE Revolution

Approval: E. Alvarez, MD

rev:1 8/2025

2	COR	Lumbar	2x2	Bone	3500/800	
2	SAG	Lumbar	2x2	Bone	3500/800	
2	SAG	Lumbar	2x2	STND	400/40	
2D / 3D Processing						
Series required in PACS						
Loc, Dose Report, ALL recons						

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing