



CT Pediatric CERVICAL

GE Revolution

Approval: N.Matos, MD

rev:1 8/2025

INDICATION		Neck pain, Trauma, Fracture, Bone lesion, Bone anomaly, Cervicalgia, Herniation, etc.						
POSITION / LANDMARK		Supine / SN						
START/END LOCATIONS		EAM through pedicle of T1. 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
	80	Smart mA 50-500	0.5	0.969:1	19.37	16	30%	
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	CSP	25	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	CSP	2.5x2	STND	350/40	common angle with spinal cord, bone and STND should be reconstructed together to match		
2	AX	CSP	2.5x2	Bone	3500/800	common angle with spinal cord, bone and STND should be reconstructed together to match		

*Please note, recons are displayed as thickness X spacing



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2	COR	CSP	1.25x0.625	Bone	3500/800	
2	SAG	CSP	1.25x0.625	Bone	3500/800	
2D / 3D Processing						
Series required in PACS						
Loc, Dose Report, ALL recons						

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing