CT PEDS Brain w/o 6-16 years

GE Revolution

Approval: N. Matos, MD rev:1 5/2026

INDICATION	Trauma, headache
POSITION / LANDMARK	Supine / Chin
START/END LOCATIONS	Lowest slice being at the supraorbitomeatal line to top of head (exclude orbits from scan area)
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	85	0.8	0.531:1	10.62mm/Rot	0.99	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	Head	25	5x5	STND	W/L 400/40 Angled with the orbitomeatal line

Recons

Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes
2	AX	Head	5x5	Bone	2000/400	Angled with the orbitomeatal line
2	AX	Head	1.25x0.625	STND	400/40	Do not send to PACS, use for recons
AX 1.25x0.625	COR	Head	4x4	STND	400/40	

*Please note, recons are displayed as thickness X spacing

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AX 1.25x0.625	SAG	Head	4x4	STND	400/40	
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