



# CT PEDS Brain w/o 16+ years

GE Revolution

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

<b>INDICATION</b>		Trauma, headache					
<b>POSITION / LANDMARK</b>		Supine / Chin					
<b>START/END LOCATIONS</b>		Lowest slice being at the supraorbitomeatal line to top of head (exclude orbits from scan area)					
<b>CONTRAST PARAMETERS</b>		na					
<b>RESPIRATORY PHASE</b>		na					
<b>SCAN DELAY</b>		na					
<b>SCAN TYPE</b>		Helical					
<b>KV</b>	<b>mA</b>	<b>Rot Time (sec)</b>	<b>Pitch</b>	<b>Speed (mm/rot)</b>	<b>Noise Index</b>	<b>ASiR</b>	<b>Dose Reduction</b>
120	105	0.8	0.531:1	10.62mm/Rot	0.99	30%	
<b>TECHNIQUE</b>	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.						
<b>Scans</b>							
<b>Series #</b>	<b>Series</b>	<b>Body Part</b>	<b>DFOV</b>	<b>Thick/Space</b>	<b>Algorithm</b>	<b>Notes</b>	
1	Loc					AP/Lat	
2	Source data	Head	25	5x5	STND	W/L 400/40 Angled with the orbitomeatal line	
<b>Recons</b>							
<b>Recon source Series #</b>	<b>Recon</b>	<b>Body Part</b>	<b>Thick / Space</b>	<b>Algorithm</b>	<b>W/L</b>	<b>Notes</b>	
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

