



# CT Brain without (Axial)

GE Revolution

Approval: E. Alvarez, MD rev:1 8/2025

<b>INDICATION</b>	Trauma, headache, bleed, CVA, memory loss, dementia						
<b>POSITION / LANDMARK</b>	Supine / Chin						
<b>START/END LOCATIONS</b>	Base of skull to top of head						
<b>CONTRAST PARAMETERS</b>	na						
<b>RESPIRATORY PHASE</b>	na						
<b>SCAN DELAY</b>	na						
<b>SCAN TYPE</b>	Axial						
<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	Smart mA 50-250	1			4.0		
<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.						

**Scans**

Series #	Series	Body Part	DFOV	Thick/Space	Algorithm	Notes
1	Loc					AP/Lat
2	Source data	Head	25	5x5	STND	W/L 80/35

**Recons**

Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes
2	AX	Head	5x5	Bone	3500/800	
2	AX	Head	0.625x.625	STND		Do not send to PACS, use for recons
AX 0.625x0.625	COR	Head	3x3	STND	80/35	

\*Please note, recons are displayed as thickness X spacing

