

INDICATION		Aneurysm, TIA, stenosis, CVA						
POSITION / LANDMARK		Supine / SN						
START/END LOCATIONS		below arch to below the orbits (exclude orbits from scan area)						
CONTRAST PARAMETERS		50cc, 4cc per second						
RESPIRATORY PHASE		na						
SCAN DELAY		SMART prep @ aortic arch						
SCAN TYPE		Helical						
	KV	mA	Rot Time (sec)	Pitch	Speed (mm/rot)	Noise Index	ASiR	Dose Reduction
	120	Smart mA 200-560	0.5	0.984:1	39.37	9.0	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	Neck	25	2.5x1.25	STND	400/40		
Recons								
Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes		
2	AX	Neck	1.25x0.625	STND	400/40			
2	COR	Neck	1.25x0.625	STND	400/40			
2	COR MIP	Neck	20x2	STND	650/250	Below orbits to arch. P to A		
2	SAG MIP	Neck	20x2	STND	650/250			

*Please note, recons are displayed as thickness X spacing



CTA NECK

GE Revolution

Approval: N. Matos, MD

7.16.2026

2D / 3D Processing						
CTA Carotid						
Source: Axial with 1.25x0.625 standard window						
1. Sagittal Left bifurcation STS 20x2 (M to L) 2. Sagittal Right bifurcation STS 20x2 (M to L) 3. Left carotid Centerline rotation (full carotid S to I) – rotate 360 with 36 images 4. Right carotid Centerline rotation (full carotid S to I) – rotate 360 with 36 images						
Series required in PACS						
Loc, Dose Report, source, ALL recons, ALL 3D post processed						

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing