



# CT SOFT TISSUE NECK

with  
GE Revolution

Approval: N. Matos, MD rev:2 3/26/26

<b>INDICATION</b>		Mass, neck swelling						
<b>POSITION / LANDMARK</b>		Supine / SN						
<b>START/END LOCATIONS</b>		Start scan at infraorbitomeatal line (to exclude orbits) - end scan to include aortic arch scan direction - cranial/caudal						
<b>CONTRAST PARAMETERS</b>		100ml of isovue 300						
<b>RESPIRATORY PHASE</b>		na						
<b>SCAN DELAY</b>		40 sec						
<b>SCAN TYPE</b>		Helical						
<b>Series</b>	<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>
with	120	Smart mA 100-560	0.6	0.984:1	39.37	8.6		
<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	Neck	30	2.5x2.5	STND	WITH		
<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	COR	Neck	2x2	STND	400/40			
2	SAG	Neck	2x2	STND	400/40			

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



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<b>2D / 3D Processing</b>						
<b>Series required in PACS</b>						
Loc, Dose Report, Source data, ALL recons						

**ADDITIONAL INSTRUCTIONS:**

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