

<b>Protocol Name:</b> NECK SOFT TISSUE ADULT	
INDICATIONS:	Evaluation of neck mass, trauma, or airway obstruction
IV CONTRAST:	100 cc of nonionic contrast. 2cc/sec. 22ga or better IV.
ORAL CONTRAST:	None
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Head in holder. Landmark at mid sternum. Cuts are taken from the sella turcica to a few cuts into the lungs. No gantry tilt.
GENERAL EXAM GUIDELINES:	2.5 x 2.5 mm axial images with 5 mm sag and cor recons. 250 DFOV.
TRIGGER OR CONTRAST DELAY:	50 sec delay.
TECHNIQUE GUIDELINES:	120 kvp. Smart MA on.
LABEL:	SCOUT*, NECK*. The * means anything after these beginnings will hang correct in pacs
RECON 1:	.625mm thick/.625 mm interval. Std recon at 400ww/40wl. With 5 mm COR and SAG MPRs.
RECON 2:	2.5mm thick /2.5 mm interval. Std. recon 400ww/40wl.
ADDITIONAL POST PROCESSING:	None.
SEND EXAM:	Send scout, 2.5 axials, and SAG and COR recons to pacs.
ARCHIVE:	
BILL AS:	Usually neck CT with contrast

**SCOUT PROTOCOL SET IN SCANNER**

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S250.00	I100.00	120	10 and 80	90 and 0	N
	Top of skull	Mid sternum				

**AXIAL IMAGE PROTOCOL SET IN SCANNER**

Scan Type	Start Loc	End Loc	Thick Speed	Interval (mm)	Gantry Tilt	SFOV	kv	ma	DFOV	Show Recon1	Show Rocon2	Show Rocon3	Direct Vis
Helical Full 0.7 sec rotation	S250.0 Sella turcica	I20.0 Mid sternum	2.5 39.37 0.984:1	2.5	S0.0	Small Body	120	450 18.75~ Smart mA On DR 50%	25.0	2.5mm Std 350ww 40w Send to Pacs SS50	0.625m Std 350ww 40wl For recons SS50		On 5mm Cor and Sag Send to Pacs

Updated 1/31/2018