Protocol Name:	CAROTID CTA

INDICATIONS:	Evaluation of carotid arteries.	LABEL:	SCOUT*, NECK*. The * means anything after these beginnings will hang correct in pacs
IV CONTRAST:	100 cc of nonionic contrast. 4cc/sec. 20ga or better IV.	RECON 1:	.625mm thick/.625 mm interval. Std recon at 450ww/50wl. With 3 mm COR and SAG MPRs.
ORAL CONTRAST:	None	RECON 2:	2.5mm thick /2.5 mm interval. Std. recon 450ww/50wl.
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Head in holder. Landmark at mid sternum. Cuts are taken from the mid aortic arch through the circle of willis. No gantry tilt.	ADDITIONAL POST PROCESSING:	3D carotids. Save 40 image rotation to pacs.
GENERAL EXAM GUIDELINES:	2.5 x 2.5 mm axial images with 3 mm slab mip sag and cor recons. 250 DFOV.	SEND EXAM:	Send scout, 2.5 axials, and SAG and COR slab MIP recons to pacs. Send 0.625 images to awwkstn1.
TRIGGER OR CONTRAST DELAY:	Use smart prep or bolus timing or 15 second delay.	ARCHIVE:	
TECHNIQUE GUIDELINES:	120 kvp. Smart MA on.	BILL AS:	Neck CTA

SCOUT PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S250.00 Above circle of willis	I150.00 Mid chest	120	50 and 20	90 and 0	1

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 Recon2	Show Recon3	Direct Vis
Helical Full 0.4 sec rotation	I50.0 Mid chest	S200.0 Above circle of willis	0.625 39.37 0.984:1	0.625	S0.0	Small Body	120	550 12.60~ Smart mA On DR 40%	18.0	0.625mm Std 450ww 50wl For recons SS40	1.25m Std 450ww 50w Send to Pacs SS40		On 3mm Cor and Sag Send to Pacs

Updated 02/01/2018