

## GE VCT 64 SLICE PROTOCOLS

Protocol Name: RUNNOFF CTA ADULT	
INDICATIONS:	Evaluation of abdominal aorta and arteries in the legs.
IV CONTRAST:	150 cc nonionic contrast (370 mg/ml). 4cc/sec, 20ga or better IV in a large vein.
ORAL CONTRAST:	None.
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Feet first. Landmark at mid abdomen. Use smart prep at distal aorta. Axial scanning will very depending on area of interest. Ask the radiologist. If setting a manual delay, 40-60 seconds usually works
GENERAL EXAM GUIDELINES:	2.5 x 2.5 mm axial images. 400 DFOV.
TRIGGER OR CONTRAST DELAY:	Smart prep
TECHNIQUE GUIDELINES:	120 kvp. Auto ma on.
LABEL:	SCOUT*, CTA*. The * means anything after these beginnings will hang correct in pacs
RECON 1:	.625mm thick/.625 mm interval. Std recon at 600ww/60wl.
RECON 2:	2.5mm thick /2.5 mm interval. Std recon 600ww/60wl.
ADDITIONAL POST PROCESSING:	5x5 Sag and cor MIP MPRs and 3d of leg (40 image rotation). Send 0.625mm to awwkstn1 for 3Ds
SEND EXAM:	Send scout, 2.5mm axials, and sag and cor images to pacs.
ARCHIVE:	
BILL AS:	RUNOFF CTA

### SCOUT PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S100.00	I1500.00	120	10	90 and 0	N
	Diaphragm	Below feet				

### 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	S60.0	I938.75	0.625 19.37 0.969:1	0.625	S0.0	Large Body	120	450 19.00  50% DR Auto ma on	40.0	0.625mm Std  400ww 50wl SS50  For recons	2.5mm Std  700ww 200wl SS50  Send to Pacs		On  5mm Cor and Sag MIPs

Updated 1/30/2018