

<b>Protocol Name: DISSECTING ANEURYSM CHEST AND ABDOMEN CT - ADULT</b>			
<b>INDICATIONS:</b>	Evaluation of patient with chest pain for dissecting thoracic aneurysm.	<b>PATIENT POSITIONING AND SCAN AREA:</b>	Patient supine. Feet first. Landmark above chest. Cuts are taken from apices a few cuts into the iliac crest. Same DFOV as previous chest CTs.
<b>IV CONTRAST:</b>	100 cc Isovue 370. 4cc/sec preferred. No less than 3cc/sec, 20ga or better IV	<b>ORAL CONTRAST:</b>	None
<b>GENERAL EXAM GUIDELINES:</b>	5 x 5 mm axial images without and with contrast. Std recon 400ww/30wl. 400 DFOV. Cor and sag 5mm avg DMPS on contrast series from 0.625 images.	<b>SEND EXAM:</b>	Send scout, 5mm axials, and sag and cor images and dose report to pacs.
<b>TRIGGER OR CONTRAST DELAY:</b>	Smart prep when aorta is bright.	<b>BILL AS:</b>	Chest and abdomen CT with IVcontrast
<b>TECHNIQUE GUIDELINES:</b>	120 kvp. Auto ma / smart ma on.	<b>**non contrast images are no longer needed by the radiologists as of 2/12/2016.</b> <b>No candy cane or 3D needed-02/01/2018</b>	

**GE VCT SCANNER WITH ASIR PROTOCOL**

Scan Type	Start Loc	End Loc	Thick Speed	Interval (mm)	Gantry Tilt	SFOV	kv	ma	DFOV	Recon1	Rocon2	Rocon3	CTDI vol
Helical Full 0.6 sec rotation	S0.0 Above Chest	I300.0 Below iliac crest	5.0 39.37 0.984:1	5.00	S0.0	Large Body	120	450 14.00~	40.0	5mm Std  400ww 30wl SS50	0.625 Std  400ww 30wl SS50		Avg 5-30