

## GE VCT 64 SLICE PROTOCOLS

Protocol Name: CARDIAC CALCIUM SCORING (SMART SCORE) ADULT			
INDICATIONS:	Evaluation of calcium in the coronary arteries.	LABEL:	SCOUT, smart score
IV CONTRAST:	None	RECON 1:	
ORAL CONTRAST:	None	RECON 2:	None
PATIENT POSITIONING AND SCAN AREA:	Patient supine. Feet first. Place EKG leads on patient with arms above head. Landmark above chest. Cuts are taken from below corina to below bottom of heart. 250 FOV centered to heart.	ADDITIONAL POST PROCESSING:	Send data to awwkstn1 for post processing.
GENERAL EXAM GUIDELINES:	Noncontrast axial images. 250 DFOV.	SEND EXAM:	Send scout and axials and calcium scoring report to pacs (salrcs1 under network).
TRIGGER OR CONTRAST DELAY:	None	ARCHIVE:	Save scout and axials to EOD
TECHNIQUE GUIDELINES: Dose is based on BMI as follows: 			

### SCOUT PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S0.00	I400.00	120	20	180 and 90	4T
	Top of chest	Below chest				

### 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
Cine Segment 0.35 sec rotation	I50.0 Corina	I147.50 Below Heart	2.5 8i 0.05 sec	2.50	S0.0	Large Body	120	430	25.0	2.5mm Std 400ww 40wl			Off