GE VCT 64 SLICE PROTOCOLS

Consultants			GE	VCT 64	4 SLICE PRO	TOCOLS				
Protocol Name:	CARDIA	C CALCIUM S	CORIN	G (SMA	RT SCORE) Al	DULT				
NDICATIONS: Evaluation of calcium in the coronary arteries.				LABEI		SCOUT, s	SCOUT, smart score			
IV CONTRAST:	None	-		RECON 1:						
ORAL CONTRAST:	AL CONTRAST: None				RECON 2: None					
PATIENT POSITIONING AND SCAN AREA:	EKG le above h chest. Corina t	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.			TIONAL POST ESSING:	Send data to awwkstn1 for processing.				
		trast axial images.	250	SEND EXAM:		Send scout and axials and calcium scoring report to pacs (salrcs1 under network).				
TRIGGER OR CONTRAST DELAY:	None			ARCH	IVE:	Save scout	and axials to EOD			
TECHNIQUE GUIDELINES: Dose is based on BMI as follows: <20 bmi = 120kv @ 55mAs 20 - 25 bmi = 120kv @ 70mAs 25 - 30 bmi = 120kv @ 80mAs 30 - 35 bmi = 120kv @ 100mAs 35 - 40 bmi = 120kv @ 120mAs					S:	Patient should be counseled to avoid caffeine for 24 hours before study (to keep heart rate low)				
		SCOUT PRO	TOCOL	L SET II	N SCANNER					
Scan Start Type Loc		End Loc	kV		mA	Scout Plane	Voice Lights Timer			
Scout S0.00		1400.00	120		20	180 and 90	4T			

Scan	Start	End	kV	mA	Scout	Voice
Type	Loc	Loc			Plane	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 Segme nt 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