

CCTA RETROSPECTIVE

Patient Prep/Positioning: Remove all metal from area of interest. Position pt feet first, supine, arms behind head. Attach heart leads accordingly

Indications	Scan Range	Scan Type	FOV	Gantry Tilt	IV Contrast	Heart Rate	
Hyperlipidemia,	Standard- 2cm	Helical		--	90ml @ 6mps if IV	>70 and/or Arrythmic	
							SEND TO PACS:
Calcium Scoring							Topogram
	Recon 1	***ROI always placed in descending aorta					CA Score
Series description	CA Score						Best Diastolic
Type	Axial						Best Systolic
Algorithm	Sa36						0-100%
Window	Soft Tissue						HeartFlow
Slice (mm)	3						Full FOV chest
Increment (mm)	3						Full FOV chest
							Lung Coronal

Retrospective							
	Recon 1	Recon 2	Recon3	Recon 4	Recon 5	Recon 6	Recon 7
Series description	Best Diastolic	Best Systolic	0-100%	HeartFlow	Full FOV Chest	Full FOV Chest	Lung Coronal
Type	Axial	Axial	Axial	Axial	Axial	Axial	MPR
Algorithm	Cardiac	Cardiac	Cardiac	Cardiac	Soft Tissue	Lung	Lung
Window	Br38	Br38	Br38	Bv38	Br40	Br59	Br59
Slice (mm)	0.75	0.75	0.75	0.6	3	3	0.6
Increment (mm)	0.75	0.75	0.75	0.6	3	3	0.6

SCAN DETAILS			
		Calcium Score	Retrospective
Scan Type		Axial	Helical
Rotation Time (se)		0.285	0.285
Collimation		0.6	0.6
Acq		32 x 1.2	128 x 0.6
Pitch/Feed		34mm	0.23
Safire Strength		--	
Dose Optimization		--	
Quality Ref mAs		80	282
Eff mAs TubeA		80	282
Eff mAs TubeB		--	--
Care Dose 4D		Yes	Yes
Avg Tube Output		(CTDIvol 2.8mGy)	CTDIvol 28.67mGy
Dose Notification			
kvp		120	100
API		Inspiration	Inspiration
Bolus Tracking HU		--	

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