

CCTA WATCHMAN

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	IV Requirements	Heart Rate
Atrial Fibrillation	Scan appx 1-2cm above Carina through Cardiac Vertex	Helical		--	<75kg Dose: 80ml Omnipaque 350 @ 5ml per second >75kg Dose: 90ml Omnipaque 350 @ 6ml per second ***Contrast injection time should equal 15 seconds	Per Cardiologist requirements, IV sizing and placement should be as follows- 1st 18ga RT AC, 2nd 18ga LT AC, 3rd 20 RT AC, 4th 20 LT AC	Any

***Place ROI in mid left Ventricle

Retrospective								
	Recon 1	Recon 2	Recon3	Recon 4	30 sec delay	Recon 1	Recon 2	Recon 3
Series description	Best Systolic	30-45%	Coronal	Sagittal		Best Systolic	Coronal	Sagittal
Type	Axial	Axial	MPR	MPR		Axial	MPR	MPR
Algorithm	Cardiac	Cardiac	Cardiac	Cardiac		Cardiac	Cardiac	Cardiac
Window	Bv38	Bv38	Bv38	Bv38		Bv38	Bv38	Bv38
Slice (mm)	0.75	0.75	8	8		0.75	3	3
Increment (mm)	0.75	0.75	8	8		0.75	3	3

SCAN DETAILS		SEND TO PACS:
	Watchman	Topogram
Scan Type	Helical	Best Systolic
Rotation Time (se)	0.285	30-45%
Collimation	0.6	Coronal
Acq	128 x 0.6	Sagittal
Pitch/Feed	0.23	30 sec Delay
Safire Strength	--	Coronal
Dose Optimization	--	Sagittal
Quality Ref mAs	282	Patient Protocol
Eff mAs TubeA	282	
Eff mAs TubeB	--	
Care Dose 4D	Yes	
Avg Tube Output	CTDIvol 16.64mGy	
Dose Notification	--	
kvp	100	
API	Inspiration	
Bolus Tracking HU	--	

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