

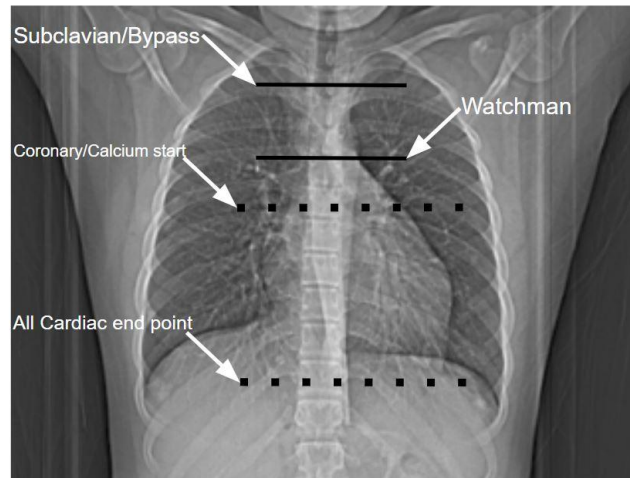
CT Cal Score

Technical Parameters

kVp:	Siemens: Care kV (120 reference) if scanner has Sa kernel, if no Sa kernel turn CARE kV off and set to 120 kVp GE: 120 kVp				
mAs:	Dose Modulation System (ex CARE Dose 4D, smart mA)				
Pitch:	<1				
Collimation:	Siemens (192x0.6x2) GE (160mm)				
Scan Direction:	Craniocaudal				
Rotation Time:	Siemens (.25s) GE (.234s) (lowest possible)				
Gating:	HR under 75 bpm (pulsing at 70%), HR over 75 bpm (pulsing at 30%)				
Anatomic Coverage:	Should cover from top of heart through the apex of the heart Have patient take a breath in a hold before scan				
Reconstruction Parameters:	Cal Score Ax	Full FOV Ax	Full FOV Lung	Coronal	Sagittal
Slice Thickness:	0.6mm	3mm	2mm	2mm	2mm
Reconstruction Interval:	0.4-0.6mm	3mm	2mm	2mm	2mm
Reconstruction FOV:	170-180mm	Up to 220 mm	Up to 220 mm	Up to 220 mm	Up to 220 mm
Window	Siemens (Cardiac) GE (WW 350 WL 50)	Siemens (Mediastinum) GE (WW 350 WL 50)	Siemens (Lung) GE (WW 1500 WL -600)	Siemens (Mediastinum) GE (WW 350 WL 50)	Siemens (Mediastinum) GE (WW 350 WL 50)
Kernel/Algorithm:	Siemens (Sa 36) GE (Standard)	Siemens (Br 36) GE (Standard)	Siemens (BI 59) GE (Sharp)	Siemens (Br 36) GE (Standard)	Siemens (Br 36) GE (Standard)

Scout Image:

Confidential internal property of Imagen Technologies, Inc. Do not distribute or reproduce without the written consent of Imagen Technologies, Inc.



- For all Bypass patients, begin your scan above the subclavian
- For pre/post Watchman procedures/LAA measurements, begin your scan approx 2 cm above the carina
- For ALL ischemic, standard coronary scans/calcium scores, begin your scan approx 2 cm below the carina and end ALL studies approx 2 cm below the cardiac vertex

IMAGEN