

CONVENTIONS & TERMS for 2011 CBCCT Exam

TO BE USED	ABBREVIATION PERMITTED (if any)	EXAMPLES/NOTES	NOT TO BE USED
Abbreviations listed in the "To Be Used" column may be used alone. In the "Permitted" column, <u>they must be spelled out first with the abbreviation in parentheses</u> . Then the abbreviation may be used alone in the rest of the stem and options. Do NOT use any terms in the "Not To Be Used" column			
CLINICAL			
beats per minute	BPM	55 beats per minute	
beta blockers		No hyphen	beta-blockers
body mass index	BMI		
body mass index of ___ kg/m ²		body mass index of 29 kg/m ²	
coronary artery bypass grafting	CABG		
coronary artery disease	CAD		
ECG			EKG, electrocardiogram/graphy/graph
high density lipoprotein	HDL		
left anterior descending coronary artery	LAD		
left anterior oblique coronary artery	LAO		
left circumflex coronary artery	LCx		
left main coronary artery	LM		
left ventricular ejection fraction	LVEF		ejection fraction
low density lipoprotein	LDL		
post descending artery	PDA		
posteroanterior	PA		
right coronary artery	RCA		
R-R interval		Use hyphen	RR interval
saphenous vein graft	SVG		
ST segment		No hyphen	ST-segment
triglycerides	TG		

GENERAL AND SCANNER HARDWARE

cardiac CT			CCT, cardiac CTA
cardiac CT angiogram		use when referring to an individual exam	coronary CTA, coronary CT angiography, CCTA, CTCA, study, scan, test
cardiac CT angiography		use when referring to the modality	coronary CTA, coronary CT angiography, CCTA, CTCA, study, scan, test
cardiovascular CT			CVCT
computed tomography	CT		
coronary calcium scan			coronary calcium
coronary calcium scanning			calcium screening, calcium score, coronary calcium scoring
data acquisition			image acquisition
electron beam CT	EBCT		electron beam tomography, EBT
image processing			image reconstruction, reformats, post processing
image reconstruction			
invasive coronary angiography			cardiac catheterization/cath
multi-detector row CT	MDCT		MSCT, multi-detector CT, multi-slice CT
myocardial perfusion imaging	MPI		study, scan, test
non-contrast		use hyphen	non contrast
n-row CT		32-row CT	
n-slice CT		64-slice CT	
positron emission tomography	PET		
single photon emission computed tomography	SPECT		
raw data			X-ray data, attenuation data, image data
slice			channel
thoracic CT			chest CT
X-ray		upper case X and use hyphen	x-ray; xray; Xray
Use upper case for brand drugs; lower case for generic drugs			

SCAN MODES

axial CT			
ECG-referenced			
ECG-gated			gated
ECG-triggered			triggered
helical CT			
prospectively ECG-triggered axial CT			
prospectively ECG-triggered helical CT			
retrospectively ECG-gated helical CT			
timing bolus			test bolus, test injection

DATA ACQUISITION

beam collimation		scanner with a beam collimation of 128 x 0.625mm	detector configuration, detector collimation should not be used in this context
bolus monitoring			bolus tracking
collimated detector row width		scanner with a collimated detector row width of 0.635mm	detector slice collimation
contrast transit time			circulation time, vein to artery travel time
gantry rotation time			gantry rotation speed
peak tube voltage			tube voltage; kVp
tube current			mA
tube current time product			mAs
effective tube current time product			Eff mAs
data acquisition window			"Padding" replaced with "increase in duration
ECG-based tube current modulation			ECG pulsing, dose modulation, tube modulation
peak kilovolt	kVp	the peak tube voltage was 120	
milliamperere	mA	the tube current was 400 mA	
milliamperere-seconds	mAs	the tube current was 400 mA	
exposure time per rotation			
pitch			
scan field of view			field of view, field-of-view, scan field-of-view
scan length			scan range
scan time			acquisition time

IMAGE RECONSTRUCTION

image reconstruction window			
multi-cycle reconstruction			multi-segment reconstruction
multi-phase data or multi-phase image sets			
reconstructed slice thickness			slice thickness
reconstructed field of view			field of view, field-of-view, reconstructed field-of-view
reconstructed slice increment			

IMAGE PROCESSING AND IMAGE DISPLAY

attenuation			
			CT density, CT attenuation, CT value,
curved multiplanar reformat	cMPR		curved multiplanar reconstruction
Hounsfield unit	HU		
maximum intensity projection	MIP		
minimum intensity projection	MinIP		
multiplanar reformat	MPR		multiplanar reconstruction
straightened vessel view			"rotisserie" view, longitudinal view
volume rendering technique	VRT		

CALCIUM

Agatston calcium score			
			calcium score
calcium mass			calcium score, calcium mass equivalent, mass score
calcium volume			calcium score, volume score

PLAQUE

calcified plaque			
			"hard" plaque
non-calcified plaque			"soft" plaque

ARTIFACTS AND IMAGE QUALITY

banding artifact			
			slab artifact
beam hardening artifact			
cone beam artifact			
helical interpolation artifact			"banding" artifact
misalignment artifact			step artifact, stairstep artifact, misregistration artifact, slab artifact
motion artifact			blurring
calcium blooming			
streak artifact			

RADIATION

ALARA	as low as reasonable achievable		
CT dose index volume	CTDI _{vol}		
dose length product	DLP		
effective dose			
kg/m ²	kilogram per meters squared		
millisievert	mSv	spell out before using	
milligray	mGy	unit of measure for the absorbed dose	
radiation dose			
radiation exposure			
thermoluminescence dosimeter	TLD		

RADIATIONISOTOPES

Rb-92			rubidium-92; Rb ⁹²
Tc-99m			technetium-99m or TcM ⁹⁹
Tl-201			thallium-201; Tl ²⁰¹

MISCELLANEOUS

male / female			man / woman
51-year-old		use hyphen	51 year old; 51 year-old
Emergency Department		Upper case	emergency department; Emergency Room, ER, ED
Reference to appropriateness criteria; practice guideline or training document		Use FULL reference, or concept must be well understood in which case do not use "according to current...".	
° (degree symbol)		360°	degrees
% (percent symbol)		40%	percent
In an item with images/movie, the first sentence should read: "Refer to the exhibit(s)."			
Which statement/action			Which of the following statements/actions
catherization laboratory			cath lab
lab values		reference metric values as well for non US candidates.	

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