

3 Sublingual Nitroglycerine: One spray

4 Regular medication: Crestor

Technical Quality & technical issues: Good quality

Calcium score (AGATSTON):317 with predominant distribution at the LAD

Volume:44

Calcium score is compatible with evidence of moderate calcific

atherosclerosis in the calcium score assessment has been attached

CORONARY ARTERIES:

Dominance: Right.

LM: A discrete eccentric calcified plaque at the distal LM extending to the proximal LAD is noted. This causes positive remodeling without stenosis.

LAD: Segmental calcified plaque involving the proximal and proximal aspect of the mid LAD is demonstrated. This is best evaluated at the 80% RR interval. The calcified plaque causes positive remodeling however there remains a moderate stenosis 50% at the proximal aspect of the mid LAD segment.

Diagonals: A minor stenosis at the origin of the first diagonal

Circumflex: A short segment tortuous kink at the origin of the circumflex is demonstrated without significant stenosis or plaque.

RCA: A small calcified plaque at the junction of the proximal and mid RCA without significant stenosis.

A small mixed plaque demonstrated the distal aspect of the mid RCA without significant stenosis.

CARDIAC FINDINGS:

Cardiac Chambers: Within normal limits.

Ejection Fraction:57%.

Cardiac Valves: No abnormality detected.

Pericardium: Within normal limits.

Aortic root: Is normal dimension.

Pulmonary Trunk: Within normal limits

Pulmonary arteries: Within normal limits.

Left atrium: Within normal limits.

LIMITED CHEST CT FINDINGS:

Lung parenchyma: The lung fields are clear.

Pleural spaces: There is no pleural effusion.

Chest wall: Within normal limits.

COMMENT & IMPRESSION:

The calcium score suggests moderate calcific atherosclerosis and the CTA demonstrates calcified plaque in the LAD with a moderate stenosis in the mid segment. No other significant stenoses are present.

The previous cardiac CT was not available for direct comparison however this should be performed.

Thank you for referring this patient.

Electronically Signed by: Dr JAMES BOND

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General Report
#166434:
Authorised by
Root (Root) at
14/02/2011 17:30

Date Serviced:
31/12/9999 00:00

Requests:
11/OCC/0073302
(Series 0;
Requested by:
Dr; Work Site:
OCC)

Services:
CT Coronary
Angiogram (NR)

Exam Date: 14/02/2011

Report Date:

Report Collection: 6. Pick-Up

Referring Doctor:

Exam: CT CORONARY ANGIOGRAM

CLINICAL INDICATION: Assess for right coronary artery ischemia.

TECHNICAL PARAMETERS:

A CTA Coronary Angiogram was performed using a 64 slice dual source cardiac CT scanner. The images have been evaluated and re-constructed and manipulated on a 3D work station.

Heart rate: 70 Radiation dose (DLP): 1040

1 Intravenous BETA-BLOCKER: 3 mg

2 Oral BETA-BLOCKER: 50 mg

3 Sublingual Nitroglycerine: One spray.

Technical Quality & technical issues: Good.