

1 Intravenous BETA-BLOCKER: Not applicable

2 Oral BETA-BLOCKER: 50 mg metoprolol

3 Sublingual Nitroglycerine: One spray

4 Regular medication: Not applicable

Technical Quality & technical issues: Good quality study

Calcium score (AGATSTON): 143, in keeping with moderate calcific atherosclerosis

Volume: 17

The distribution of calcium is predominantly related to the LAD

See the attached calcium score documentation

CORONARY ARTERIES:

Dominance: Right.

LM: Within normal limits.

LAD: Nonstenotic calcification related to the mid LAD and proximal aspect of the distal LAD with mild positive remodeling.

Diagonals: Within normal limits

Circumflex: Nondominant system with 3 obtuse marginals.

RCA: Within normal limits with a small amount of calcification related to the proximal distal PDA/PLB.

CARDIAC FINDINGS:

Cardiac Chambers: No significant chamber enlargement.

Ejection Fraction: 59%.

Cardiac Valves: Within normal limits.

Pericardium: Within normal limits.

Aortic root: Within normal limits.

Pulmonary Trunk: Within normal limits

Pulmonary arteries: Within normal limits.

Left atrium: Within normal limits.

LIMITED CHEST CT FINDINGS:

Lung parenchyma: The visualized lung fields are clear.

Pleural spaces: Within normal limits.

Chest wall: No significant abnormality detected.

COMMENT & IMPRESSION:

Although there is moderate calcific atherosclerosis the calcific plaques do not cause significant stenosis and there is no soft plaque component.

No significant atherosclerotic stenosis is present, however the calcium score is at the 90th percentile for a patient of this age and modification of coronary risk factors is strongly recommended.

Thank you for referring this patient.

Electronically Signed by: DR JAMES BOND/DR WONDER WOMAN

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General Report
#168048:
Authorised by
Root (Root) at
28/02/2011 15:21

Date Serviced:
31/12/9999 00:00

Requests:
11/OCC/0074935
(Series 0;
Requested by: Dr
OCCAM; Work
Site: OCC)

Services:
CT Coronary
Angiogram (NR)

Exam Date: 24/02/2011

Report Date:

Report Collection: 6. Pick-Up

Referring Doctor:

CT CORONARY ANGIOGRAM

INDICATION:

The patient has history of atypical chest pain lethargy and reduced exercise tolerance.

The risk factor of hypertension is noted.

Patient has history of diverticular disease and history of DVT with previous limb immobilization

TECHNICAL PARAMETERS:

A CTA Coronary Angiogram was performed using a 64 slice cardiac CT scanner.

The images have been evaluated and re-constructed and manipulated on a 3D work station.