

Calcium score: 79 Volume: 13

#### CORONARY ARTERIES:

Dominance: Left.

LM: The left main coronary artery appears normal with no evidence of atherosclerotic disease

LAD: There is a small mixed plaque within the very proximal left anterior descending artery, with only minimal stenosis. Several calcific plaques are seen within the mid and distal portion of the left anterior descending coronary artery, but no significant stenosis is identified.

Diagonals: The first diagonal branch of the left anterior descending artery appears normal with no evidence of atherosclerotic disease.

Circumflex: There is a small mixed plaque within the proximal portion of the left circumflex coronary artery causing only minimal stenosis. There is an early acute marginal branch which appeared patent. The left circumflex coronary artery supplies the posterolateral branches and the posterior descending coronary artery. These branches appear normal and patent.

RCA: Unfortunately movement artefact obscures detail within the right coronary artery. No obvious calcified or noncalcified plaque is identified.

There is a separate origin of the conal branch from the right coronary cusp.

#### CARDIAC FINDINGS:

Cardiac Chambers: The left and right ventricles appear normal in size and function. The left ventricular ejection fraction was calculated at 63%.

Cardiac Valves: The mitral and aortic valves appear grossly normal.

Pericardium: The pericardium appears normal, and there is evidence of a pericardial effusion.

Aortic root: The aortic root appears normal in size.

Pulmonary Trunk: The pulmonary trunk and pulmonary arteries appear normal.

Left atrium: Normal in size and function.

LIMITED CHEST CT FINDINGS:

Lung parenchyma: The visualized lung parenchyma appears normal.

Pleural spaces: There is no evidence for pleural effusion or pneumothorax.

Chest wall: The visualized chest wall appears normal.

IMPRESSION:

Left-sided dominance. Diminutive right coronary artery there is no significant atherosclerotic disease. Minimal atherosclerotic disease is seen within the left anterior descending coronary artery left circumflex coronary arteries, but no significant stenosis is identified. Calcium score of 79 places the patient in the 60th percentile for age which signifies low-risk disease.

Thank you for referring this patient.

Electronically Signed by: Dr CAPTAIN MARVEL

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Spectrum Medical Imaging provides electronic delivery of reports and images directly to your practice management software. Online access to your patients' films through our PACS system is also available. For enquiries, please phone 9600 9552.

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General Report  
#165299:  
Authorised by  
Root (Root) at  
11/02/2011 11:50  
  
Date Serviced:  
31/12/9999 00:00  
  
Requests:  
11/OCC/0072196  
(Series 0;  
Requested by: Dr  
OCCAM; Work  
Site: OCC)  
  
Services:  
CT Coronary  
Angiogram (NR)

Exam Date: 07/02/2011

Report Date:

Report Collection: 6. Pick-Up

Referring Doctor:

Exam: CT CORONARY ANGIOGRAM

INDICATION:

Minor CAD 2003. Exercise induced left bundle branch block.? progression.

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.

Heart rate: 80 bpm

1 Intravenous BETA-BLOCKER: N/A

2 Oral BETA-BLOCKER: Betaloc 50mg

3 Sublingual Nitroglycerine: 1 spray