

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:

1. Moderate stenosis of the midportion of the left anterior descending artery secondary to a circumferential noncalcified plaque.
2. Several small calcified or mixed plaques within the right, left main, left anterior descending coronary arteries as described above.

Thank you for referring this patient.

Electronically Signed by: Dr CAPTAIN MARVEL and DR JAMES BOND

Co-Read by: DR DARTH VADER

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.

General Report
#148930:
Authorised by
Root (Root) at
30/09/2010 20:42

Date Serviced:
31/12/9999 00:00

Requests:
10/OCC/0056211
(Series 0;
Requested by: Dr
; Work Site:
OCC)

Services:
CT Coronary
Angiogram (NR)

Exam Date: 28/09/2010

Report Date:

Report Collection: pickup

Referring Doctor:

Exam: CT CORONARY ANGIOGRAM

INDICATION: Chest pain. Previous RCA BMS stent. Previous mild LAD stenosis.

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: 65 Radiation dose (DLP): 320

1 Intravenous BETA-BLOCKER: Nil

2 Oral BETA-BLOCKER: 25 mg

3 Sublingual Nitroglycerine: One dose

Technical Quality & technical issues: Good.

Calcium score: 1331 Volume: 186

CORONARY ARTERIES:

Dominance: Right sided.

LM: There is a relatively long (1 cm) mixed plaque within the distal portion of the left main coronary artery causing mild to moderate stenosis. This plaque continues past the trifurcation of the LM into the proximal LAD.

LAD: Several calcific plaques are seen within the proximal and mid left anterior descending coronary artery. Blooming artefact makes assessment difficult but there likely only mild stenoses. There is an early, small, first diagonal branch which appears patent.

Circumflex: The circumflex coronary artery demonstrates mild diffuse mixed atherosclerotic disease with several mild stenoses. The obtuse marginal branch demonstrates a calcific plaque, with mild stenosis.

Ramus Intermedius: Appears patent.

RCA: There is a short patent metallic stent within the very proximal right coronary artery. There is an adjacent calcific plaque. Mild calcific plaques are seen within the proximal and mid RCA causing mild stenosis. There is a mixed plaque within the distal RCA causing moderate stenosis. There is mild positive remodelling at this point.

CARDIAC FINDINGS:

Cardiac Chambers: Appear normal.

Cardiac Valves: Appear normal.

LIMITED CHEST CT FINDINGS:

Lung parenchyma: There is mild periosteophytic fibrosis within the medial basal segment of the right lower lobe, a tiny nodule within the lateral basal segment of the right lower lobe, and a small subpleural nodule within