

4 Regular medication: Not applicable

Technical Quality & technical issues: Satisfactory. Mild step artefact at various levels.

Calcium score (AGATSTON): 2575

Volume: 303

CORONARY ARTERIES:

Dominance: Right.

LM: No significant stenosis.

LAD: Prominent atheromatous calcification and plaque is demonstrated involving the proximal mid and distal segments with blooming artifact and the suggestion of moderate to high-grade stenoses.

Diagonals: There is a high first diagonal branch which demonstrates mild to moderate diffuse mixed atherosclerotic disease.

Circumflex: Extensive atheromatous disease with positive remodeling noted proximally and a moderate stenosis in the mid segment. The first obtuse marginal branch is small. The second obtuse marginal branch is hypertrophied, supplies much of the ventricular wall and appears to be the end artery of the circumflex.

Ramus Intermedius: Not present.

RCA: There is a small mixed plaque within the proximal RCA causing minimal stenosis. A long stent is seen within the mid portion of the RCA. This appears patent with no in-stent stenosis identified. The distal segment and PCA are normally opacified.

CARDIAC FINDINGS:

Cardiac Chambers: No luminal thrombus or significant dilatation; however, there is thinning of the anterior myocardium and apical myocardium demonstrated on the left with suggested hypokinesia.

or akinesia associated.

Cardiac Valves: Small amount of calcification at the aortic valve is noted involving the left and the non- coronary cusp. A small amount of calcification at the mitral valve is noted.

Pericardium: Within normal limits.

Aortic root: Not aneurysmal.

Pulmonary Trunk: Within normal limits

Pulmonary arteries: Within normal limits.

Left atrium: No left atrial appendage thrombus.

LIMITED CHEST CT FINDINGS:

Lung parenchyma: No focal abnormality. Minimal bronchial wall thickening is non-specific.

Pleural spaces: No effusion.

Chest wall: NAD.

COMMENT & IMPRESSION:

1. Significant coronary artery disease.
 - . Prominent calcified atheromatous plaque with significant stenoses involving the length of the LAD.
 - . Moderate atherosclerotic disease within the mid portion of the circumflex coronary artery.
2. Patent stent within the mid portion of the RCA
3. Features suggest previous left apical infarct with ventricular wall thinning and hypokinesia
4. Ejection fraction 48%

Thank you for referring this patient.

Electronically Signed by: DR JAMES BOND

Co-Read by: DR DARTH VADER

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