

Otherwise image quality is good. Multiple phases were needed to reconstruct the coronary arterial tree.

Calcium score: 42.0 Volume: 5.0

#### CORONARY ARTERIES:

Dominance: Right

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

LAD: There is a minimal calcific plaque in the distal aspect of the proximal left anterior descending artery with no significant stenosis. The left anterior descending coronary artery otherwise appears normal with no evidence of atherosclerotic disease.

Diagonals: The diagonal branches of the left anterior descending artery appear normal with no evidence of atherosclerotic disease.

Circumflex: The left circumflex coronary artery appears normal with no evidence of atherosclerotic disease.

Ramus Intermedius: Appears normal with no evidence of stenosis.

RCA: The right coronary artery appears normal with no evidence of atherosclerotic disease. The mid portion is best seen on the 50% phase. The right coronary artery supplies the posterior descending artery.

#### CARDIAC FINDINGS:

Cardiac Chambers: The atria and ventricles appear normal in size and function.

Cardiac Valves: The mitral and aortic valves appear grossly normal with no evidence of calcification.

Pericardium: The pericardium appears normal and there is no pericardial effusion.

Aortic root: The aortic root appears normal in calibre and

contour.

Pulmonary Trunk: The pulmonary trunk appears normal in calibre and contour.

Pulmonary arteries: The pulmonary arteries appear normal.

Left atrium: The left atrium appears normal in size. The pulmonary veins appear normal. No thrombus is seen within the left atrial appendage.

#### LIMITED CHEST CT FINDINGS:

Lung parenchyma: The visualised lungs appear clear. There is however a moderate large (2.5 cm x 1.7 cm) right hilar lymph node - indeterminate.

Pleural spaces: A calcified pleural plaque involving the anterior left costovertebral pleural suggests asbestos related pleural disease.

Chest wall: The visualized chest wall appears normal.

Upper abdomen: The visualised upper abdomen appears within normal limits.

#### COMMENT & IMPRESSION:

1. Paroximal AF produced step artefact but multiple reconstruction at different phases allowed an adequate analysis of the coronary arteries.
2. Calcium Score of 42, which is low for age and signifies only minimal calcific atherosclerosis.
3. No significant coronary arterial disease is identified.
4. Calcified pleural plaques suggest asbestos related pleural disease
5. Moderate right hilar lymphadenopathy - incompletely characterised. A dedicated CT of the chest is suggested to further assess.

Thank you for referring this patient.

Electronically Signed by: Dr CAPTAIN MARVEL

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