

Intravenous beta blocker: none

Oral beta blocker: 25mg

Sublingual nitroglycerine: 1 spray

Technical quality and technical issues:

Image quality is good. For technical reasons three of the images were not gated and thus the ejection fraction could not be determined.

Calcium score: 75 (volume 13) - RCA and LAD

Coronary arteries dominance right:

LM

There is minimal mixed calcified plaque within the left main coronary artery. There is soft plaque within the distal left main coronary artery but this is not causing any significant stenosis.

LAD:

There is linear mixed plaque within the proximal left anterior descending artery with positive remodelling but there is no significant stenosis. The remainder of the left anterior descending artery has a normal appearance with no evidence of atherosclerotic disease.

Diagonals:

The 1st - 4th diagonal branches of the left anterior descending artery have a normal appearance with no evidence of significant atheromatous disease.

Ramus Intermedius:

The ramus intermedius appears normal with no evidence of stenosis.

Circumflex artery:

The left circumflex coronary artery has a normal appearance with no significant coronary artery disease.

The left 2nd obtuse marginal branch is large with no evidence of atherosclerotic disease. The 1st obtuse marginal branch appears normal.

Right coronary artery:

There is atheromatous disease within the right coronary artery.

There is soft plaque within the proximal right coronary artery which is causing a 50-% stenosis.

Allowing for some motion and gating artefacts - There is a significant stenosis of the distal mid RCA segment due to predominantly soft plaque.

Both prominent acute marginal branches of the right coronary artery have a normal appearance.

The PDA is patent without stenosis.

The posterolateral branch is patent with no significant atheromatous disease.

Cardiac findings:

Cardiac chambers:

The atria and ventricles appear normal.

Cardiac valves:

The mitral and aortic valves have a normal appearance. There is no calcification of the valves.

Pericardium:

The pericardium is not thickened. There is no pericardial effusion.

Aortic root:

The aortic root has a normal appearance.

Pulmonary trunk:

The pulmonary trunk appears normal.

Pulmonary arteries:

The right and left pulmonary artery and their branches have a normal appearance.

Left atrium:

The left atrium appears normal. The pulmonary veins have a normal appearance.

Limited chest CT findings:

There are no lung nodules or masses.

Arterial scans through the upper abdomen are within normal limits.

COMMENT AND IMPRESSION:

There is significant atheromatous disease within the proximal and mid right coronary artery as described.

Thank you for referring this patient.

Secretary: LIN

Electronically Signed by: DR WONDER WOMAN AND DR Bond

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For enquiries, please phone 9600 9552.