

The calcium score is 21 . This score is consistent with mild coronary artery atherosclerotic plaque burden. On a population basis, this score places the patient in the 60th percentile rank for age and gender.

Dominance

The circulation is right dominant .

Left main coronary artery

The LMCA arises from the left coronary sinus of Valsalva in the usual position. It is a large calibre vessel. It divides into the left anterior descending and the left circumflex arteries.

There is focal calcified plaque involving the bifurcation causing < 25% stenosis.

Left anterior descending artery

The LAD is a medium calibre vessel and gives rise to several diagonal branches .

There is focal non-calcified plaque in the proximal LAD causing < 25% stenosis.

Circumflex artery

The left circumflex artery is a medium calibre vessel and gives rise to 1 major obtuse marginal branch . There is no evidence of atherosclerotic disease.

Right coronary artery

The RCA arises from the right sinus of Valsalva in the usual position. It is a large calibre dominant vessel. It gives rise to a posterior descending artery and posterolateral branch . There is no evidence of atherosclerotic disease.

ADDITIONAL CARDIAC FINDINGS

The cardiac chambers, myocardium, pericardium and scanned segments of the thoracic aorta appear normal.

OTHER FINDINGS

The lungs appear clear.

CONCLUSION:

Focal non obstructive coronary artery atherosclerosis involving the left main coronary artery & LAD . There are no additional cardiac findings of relevance in the scanned segments.

Thank you for referring this patient.

Primary Read of Cardiac Findings by: Dr Mickey Mouse

Co-read of Cardiac and Non-Cardiac Findings by: Dr Donald Duck

General Report
#1045351:
Authorised by
Dr Wonder
Woman () at
06/02/2019
08:54

Date Serviced:
05/02/2019
09:15

Requests:
19/RA/0002617
(Series 1;
Requested by:
Dr; Work Site:
RA)

Services:
CT Coronary
Angiogram
(NR)
(05/02/2019
10:00 -
05/02/2019
10:10)

EXAM: CT CORONARY ANGIOGRAM AND CALCIUM SCORE

CLINICAL DETAILS:

Screening test. Progress study. Previous non obstructive disease. A request was made for comparison with a previous study, however the previous test could not be accessed electronically (? performed at another radiology practice). Risk factors for coronary artery disease: - Family history. Hyperlipidaemia.

TECHNICAL PARAMETERS:

Single phase CT coronary angiography was performed using prospective ECG gating at 100 kVp. The total radiation dose (DLP) including scout, non contrast and contrast acquisitions was 130 mGycm⁻¹. The patient had been pre-treated with beta blockers. Medication administered in the department: 800 mcg nitrates. Intravenous iodine contrast volume: 100 mL. Data acquisition was at an average heart rate of 46 bpm. Image quality was good .

FINDINGS:

CORONARY ARTERIES