

Calcium score

The calcium score is 0 . This score is consistent with no calcific coronary artery atherosclerotic plaque burden. On a population basis, this score places the patient in the lowest possible 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 no evidence of atherosclerotic disease.

Left anterior descending artery

The LAD is a medium calibre vessel and gives rise to 2 major diagonal branches . There is focal noncalcified plaque within the mid LAD causing less than 25% stenosis.

Circumflex artery

The left circumflex artery is a medium calibre vessel and gives rise to 2 major obtuse marginal branches . 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

There are no significant non coronary cardiac findings.

OTHER FINDINGS

The lungs appear clear.

CONCLUSION:

Nonobstructive plaque within the mid LAD. The epicardial coronary arteries appear otherwise normal on CT angiography. There are no additional cardiac findings of relevance in the scanned segments.

Thank you for referring this patient.

Primary Read of Cardiac and Non Cardiac Findings by: Dr Wonder Woman

Co-read of Cardiac Findings by: Dr Bruce Banner

General
Report
#1033630:
Authorised by
Dr Bruce
Banner () at
14/01/2019
21:06

Date Serviced:
11/01/2019
09:10

Requests:
19/BJ/0000319
(Series 0;
Requested by:
Dr Work Site:
BJ)

Services:
CT Coronary
Angiogram
(NR)
(11/01/2019
09:00 -
11/01/2019
09:20)

EXAM: CT CORONARY ANGIOGRAM AND CALCIUM SCORE

CLINICAL DETAILS:

Exclude coronary artery disease. Risk factors for coronary artery disease: - Hypertension.

TECHNICAL PARAMETERS:

Single phase CT coronary angiography was performed using prospective ECG gating at 100 kVp. The DLP for the entire study is 257 mGycm⁻¹. Medication administered in the department: 800 mcg nitrates. Intravenous iodine contrast volume: 90 mL. Data acquisition was at an average heart rate of 47 bpm. Image quality is good .

FINDINGS:

CORONARY ARTERIES

Calcium score