

The calcium score is 0 . This score is consistent with minimal coronary artery atherosclerotic plaque burden. On a population basis, this score places the patient in the lowest possible percentile rank for age, race and gender according to the MESA cohort.

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 divides into left anterior descending and circumflex vessels. It appears normal.

Left anterior descending artery

The LAD is a medium calibre artery and gives rise to one main diagonal branch. The main vessel and its major diagonal branch appear normal.

Circumflex artery

The circumflex artery has an aberrant origin from the right sinus of Valsalva and courses posterior to the aortic root between the aorta and the left atrium. It comes to lie within the AV groove. There is no evidence of atherosclerotic disease.

Right coronary artery

The RCA is a medium calibre vessel which arises from the right coronary sinus of Valsalva in the usual position and gives rise to posterior descending and posterolateral branches. The main vessel and its distal branches appear normal.

ADDITIONAL CARDIAC FINDINGS

There are no significant non coronary cardiac findings.

OTHER FINDINGS

The lungs appear clear.

CONCLUSION:

Aberrant CX artery. The epicardial coronary arteries appear otherwise normal by CT angiography. There are no additional cardiac findings of relevance within the scanned segments.

Thank you for referring this patient.

Primary Read of Cardiac Findings by: Dr Bruce Banner

Co-read of Cardiac and Non-Cardiac Findings by: Dr Wonder Woman

General Report #1047530: Authorised by Dr Wonder Woman () at 08/02/2019 17:53 Date Serviced: 08/02/2019 09:30 Requests: 19/LI/0005659 (Series 5; Requested by: Dr; Work Site: LI) Services: CT Coronary Angiogram (NR) (08/02/2019 09:30 - 08/02/2019 09:45)
--

EXAM: CT CORONARY ANGIOGRAM AND CALCIUM SCORE

CLINICAL DETAILS:

Stable symptoms consistent with coronary ischaemia at low to intermediate risk of coronary artery disease and would otherwise have been considered for invasive angiography. Exclude coronary artery disease.

TECHNICAL PARAMETERS:

Single phase CT coronary angiography was performed using prospective ECG gating at 120 kVp. The DLP for the entire study is 228 mGycm⁻¹. Medication administered in the department: 800 mcg nitrates. Intravenous iodine contrast volume: 60 mL. Data acquisition was at an average heart rate of 59 bpm. Image quality is good .

FINDINGS:

CORONARY ARTERIES