

Thank you for referring this patient.

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

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

General Report
#1038904:
Authorised by
Dr Wonder
Woman () at
24/01/2019
09:07

Date Serviced:
22/01/2019
09:10

Requests:
19/RA/0001558
(Series 1;
Requested by:
Dr; Work Site:
RA)

Services:
CT Coronary
Angiogram
(NR)
(22/01/2019
10:10 -
22/01/2019
10:20)

EXAM: CT CORONARY ANGIOGRAM AND CALCIUM SCORE

CLINICAL DETAILS:

Screening test. Asymptomatic. Risk factors for coronary artery disease: - 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 208 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 53 bpm. Image quality was good .

FINDINGS:

CORONARY ARTERIES

Calcium score

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, intermediate and circumflex vessels. It appears normal.

Left anterior descending artery

The LAD is a large calibre artery and gives rise to one main diagonal branch. The main vessel, diagonal branches and intermediate artery appear normal.

Circumflex artery

The main circumflex artery and its obtuse marginal branches appear normal.

Right coronary artery

The RCA is a large calibre vessel which arises from the right coronary sinus of Valsalva in the usual position and gives rise to posterior descending and posterolateral branches. There are no significant atherosclerotic changes.

ADDITIONAL CARDIAC FINDINGS

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

OTHER FINDINGS

There is a 5mm triangular nodule on the right as well as a small subpleural nodule. There is a 3mm nodule in the left lower lobe. These can be followed up with a low dose CT scan in a year's time.

CONCLUSION:

The epicardial coronary arteries appear 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