

General Report  
#1031095:  
Authorised by  
Dr Donald  
Duck () at  
16/01/2019  
10:18

Date Serviced:  
07/01/2019  
11:41

Requests:  
19/RA/0000313  
(Series 4;  
Requested by:  
Dr; Work Site:  
RA)

Services:  
CT Coronary  
Angiogram  
(NR)  
(07/01/2019  
11:00 -  
07/01/2019  
11:10)

## **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 204 mGycm<sup>-1</sup>. Medication administered in the department: 25 mg oral metoprolol. 800 mcg nitrates. Intravenous iodine contrast volume: 100 mL. Data acquisition was at an average heart rate of 48 bpm. Image quality is good .

### **FINDINGS:**

#### **CORONARY ARTERIES**

#### **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, left circumflex and intermediate arteries. There is no evidence of atherosclerotic disease.

### **Left anterior descending artery**

The LAD is a medium calibre vessel and gives rise to 1 major diagonal branch . There is no evidence of atherosclerotic disease.

### **Ramus intermedius artery**

The ramus intermedius is a small calibre vessel. There is no evidence of atherosclerotic disease.

### **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.

A small PFO appears to be present.

### **OTHER FINDINGS**

The lungs appear clear.

### **CONCLUSION:**

**The epicardial arteries have a normal appearance.**

**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 and Non-Cardiac Findings by: Dr Donald Duck**