

**MESA percentile rank. 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 Donald Duck**

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General  
Report  
#1041690:  
Authorised by  
Dr Captain  
Marvel () at  
30/01/2019  
14:42

Date Serviced:  
29/01/2019  
09:41

Requests:  
19/BJ/0000933  
(Series 0;  
Requested by:  
Work Site: BJ)

Services:  
CT Coronary  
Angiogram  
(NR)  
(29/01/2019  
09:30 -  
29/01/2019  
09:50)

## **EXAM: CT CORONARY ANGIOGRAM AND CALCIUM SCORE**

### **CLINICAL DETAILS:**

Risk evaluation. Exclude coronary artery disease.

### **TECHNICAL PARAMETERS:**

Single phase CT coronary angiography was performed using prospective ECG gating at 100 kVp. The DLP for the entire study is 151 mGycm<sup>-1</sup>. Medication administered in the department: 100 mg oral metoprolol. 800 mcg nitrates. Intravenous iodine contrast volume: 90 mL. Data acquisition was at an average heart rate of 56 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 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 several diagonal branches . There is no evidence of atherosclerotic disease.

### **Circumflex artery**

The left circumflex artery is a medium calibre vessel and gives rise to several 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. The visualised mediastinum appears normal. The visualised upper abdomen appears normal.

### **CONCLUSION:**

**The epicardial coronary arteries appear 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 Findings by: Dr Don Bradman**

**Co-read of Cardiac and Non-Cardiac Findings by: Dr Captain Marvel**