

## Randwick Medical Imaging Department

(Incorporating POWH, SCH & RHW)

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Health

South Eastern Sydney  
Local Health District

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Barker Street  
RANDWICK 2031

MRN:  
Proc. ID: **3465475**  
Exam Date: **13-SEP-2017**

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### CT Coronary Angiogram performed on 13-SEP-2017

#### Performing Radiographer:

#### Indication:

A Flutter. Troponin rise. ?NSTEMI

#### Technical parameters:

A CT Coronary Angiogram was performed using a 320 row detector cardiac CT scanner. The images have been evaluated on a 3D work station.

Heart rate: 60 bpm

Radiation dose (DLP): 120 mGycm

Intravenous Beta-blocker: No

Oral Beta-blocker: 200mg Metoprolol

Sublingual GTN: Yes

Technical Quality & technical issues: Good

#### Coronary arteries:

Dominance: Right

#### LM:

The left main coronary artery arises from the left coronary sinus and divides into the left anterior descending and left circumflex coronary arteries. There is no haemodynamically significant stenosis.

#### LAD:

The left anterior descending coronary artery gives rise to 2 diagonal and small septal branches. There is multifocal calcified plaque in the LAD causing maximal stenosis of 25-49% at the origin of the 1<sup>st</sup> diagonal.

#### Circumflex:

The left circumflex coronary artery gives rise to two obtuse marginal branches. There is no haemodynamically

significant stenosis.

**RCA:**

The right coronary artery arises from the right coronary sinus and gives rise acute marginal branches before terminating as the posterior descending artery. There is no haemodynamically significant stenosis.

**Cardiac findings:**

The cardiac chambers, myocardium and pericardium appear normal. There is calcification at the aortic root.

**Other findings:**

The lungs and pleural spaces are clear. There is no mediastinal lymphadenopathy. There is a small hiatus hernia. The visualised upper abdominal viscera appear normal. No destructive osseous lesion is identified.

**Conclusion:**

Focal mid LAD calcified plaque with 25-49% stenosis.

Read by Dr Darth Vader

Coread by Dr Wonder Woman and Cardiology Fellow

**Dictating Radiologist:** Dr Darth Vader  
**Approving Radiologist:** Dr Wonder Woman  
**Report Approval Date:** 25-SEP-2017 12:32 PM