

## Randwick Medical Imaging Department

(Incorporating POWH, SCH & RHW)

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Health

South Eastern Sydney  
Local Health District

Barker Street  
RANDWICK 2031

MRN:  
Acc No: **1997713**  
Ward: **DB3N**

### CT CORONARY ANGIOGRAM performed on 27-SEP-2013

#### Indication:

Ex smoker chest pain – severe. Negative trop/ECG changes ?obstructive lesions.

#### 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: 50-63 bpm

Radiation dose (DLP): 189 mGycm

Intravenous BETA-BLOCKER: No

Oral BETA-BLOCKER: Yes 100 mg Metoprolol

Sublingual Nitroglycerine: Yes

*Technical Quality & technical issues:* Good

#### Coronary arteries:

*Dominance:* Co-dominant

#### *LM:*

There is a short left main coronary artery arising normally from the left coronary sinus and dividing into the left anterior descending and left circumflex coronary arteries. The left main coronary artery appears normal.

#### *LAD:*

The left anterior descending coronary artery gives rise to two diagonal branches and multiple septal branches.

There is a small focus of mixed plaque in the proximal segment resulting in minimal stenosis (<25%) (where it gives off the first diagonal branch) and a focus of non-calcified plaque in the mid segment resulting in minimal (approximately 25%) stenosis.

The remainder of the LAD and its diagonal branches appear normal.

#### *Circumflex:*

The left circumflex coronary artery appears normal. It gives rise to small posterolateral branches and there is a small branch that appears to collateralise with the PDA.

*RCA:*

The right coronary artery arises from the right coronary sinus and gives rise to a sinoatrial branch and small acute marginal branches before terminating as posterior descending artery. The RCA appears normal.

*Ramus Intermedius:* None.

***(Minimal 0%-25%, Mild 25%-50%, Moderate 50%-70%, Severe >70%)***

**Cardiac findings:**

<i>Cardiac Chambers:</i>	Normal.
<i>Cardiac Valves:</i>	Normal.
<i>Pericardium:</i>	Normal.
<i>Aorta:</i>	Normal.
<i>Pulmonary Arteries:</i>	Normal.

**Other findings:**

There is linear atelectasis at the lung bases. The pleural spaces are clear. The visualised chest wall and mediastinum appears normal.

There are two low density lesions in the right lobe of the liver superiorly measuring 13 mm and 4 mm, consistent with cysts. The visualised upper abdomen otherwise appears normal.

The visualised osseous structures appear normal.

**Conclusion:**

There are small foci of non-calcified plaque in the proximal and mid segments of the LAD resulting in minimal (<25%) stenosis.

Coread by Dr James Bond, Dr Darth Vader and Dr John Lennon.

*Dictated By: Dr Wonder Woman*

*Approved By: Dr James Bond at 01-OCT-2013 12:23 PM*

Typist: