

## Randwick Medical Imaging Department

(Incorporating POWH, SCH & RHW)

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Health

South Eastern Sydney  
Local Health District

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Randwick 2031

MRN:

Acc No:

**1909042**

Ward:

**DB3AU**

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## CT CORONARY ANGIOGRAM performed on 01-JUL-2013

### CT Coronary Angiogram:

**Indication:** ACS

**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: 63-67 bpm

Radiation dose (DLP): 7.3 mGycm

Intravenous BETA-BLOCKER: No

Oral BETA-BLOCKER: Yes 50 mcg Metoprolol

Sublingual Nitroglycerine: Yes

*Technical Quality & technical issues:* Slightly high heart rate. Satisfactory study

**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. Minor calcified plaque at the bifurcation not causing significant stenosis.

*LAD:*

There are several small calcified plaques throughout the LAD causing only mild stenosis. The left anterior descending coronary artery appears normal. The diagonal branches of the LAD coronary artery appears normal. The first 2 diagonals are small.

*Circumflex:*

There is a small calcified plaque within the proximal LCx causing minimal stenosis. The left circumflex coronary artery appears otherwise normal. The obtuse marginal branches appears normal.

*RCA:*

The right coronary artery arises from the right coronary sinus. Focal calcified plaque in the mid descending portion with no significant stenosis. It otherwise appears normal.

*(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:**

<i>Lung parenchyma:</i>	The visualised lung parenchyma appears normal.
<i>Chest wall:</i>	The visualised chest wall appears normal.
<i>Mediastinum:</i>	The visualised mediastinum appears normal.
<i>Upper abdomen:</i>	The visualised upper abdomen appears normal.
<i>Osseous structures:</i>	The visualised osseous structures appear normal.

### **Conclusion:**

Mild diffuse calcific atherosclerotic disease with no significant stenosis identified.

*Dictated By: Dr Danger Mouse*

*Approved By: Dr Mickey Mouse at 16-JUL-2013 04:17 PM*

Typist: