

# 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: **1228294**  
Ward: **DB3N**

## CT Coronary Angiography performed on 21-NOV-2011

**Clinical details:** Chest pain. ? ischaemic heart disease.

**Technique:** An ECG gated axial slabs were obtained through the heart and coronary vessels during the administration of intravenous contrast. These were obtained prospectively.

Oral beta-blocker: 75 mg metoprolol.  
Intravenous beta-blocker: Nil.  
Sublingual nitrates: 1 spray

Image Quality: Moderate image noise degrades image quality.

HR: 65 bpm

DLP: 366 mGycm / 4.5 mSv

### Findings:

#### Coronary Arteries:

*Dominance:* Right

*Left Main Coronary Artery:* The left main coronary artery arises from the left coronary sinus. It appears patent with no evidence of atherosclerotic disease.

*Left Anterior Descending Coronary Artery:* The LAD arises from the left main coronary artery. It appears normal with no evidence of coronary artery disease. The first and second diagonal branches also appear normal.

*The Left Circumflex Coronary Artery:* The LCx coronary artery arises from the left main coronary artery. It appears normal with no evidence of atherosclerotic disease. The margin branch appears normal. The LCx coronary artery supplies the posterolateral branches.

*Right Coronary Artery:* The RCA arises from the right coronary sinus. It appears normal in calibre and there is no evidence of atherosclerotic disease. The right coronary artery supplies the posterior descending coronary artery. There is small calcific plaque at the origin of the marginal branch. Noise makes assessment difficult.

#### Cardiac Findings:

*Chambers:* The left ventricle, right ventricle, left atrium and right atrium appear normal in size and appearance.

*Pericardium.* There is a trivial amount of pericardial fluid, which is likely within normal limits.

*Valves:* The aortic and mitral valves appear normal.

*Great vessels:* The visualised aorta and pulmonary artery appear normal.

Extracardiac Findings:

*Lung:* The visualised lungs appear clear.

*Upper abdomen:* The visualised upper abdomen appears normal.

*Osseous structures:* The visualised lungs appear normal.

**Impression:**

No evidence of significant coronary arterial disease.

Coread by Dr Mickey Mouse and Dr Donald Duck.

*Dictated By: Dr Sigmund Freud*

*Approved By: Dr Mickey Mouse at 22-NOV-2011 12:51 PM*

Typist: