

## 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:  
Acc No: **1318752**  
Ward: **PB8**

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### CT Coronary Angiogram:

**Indication:** RCA reversibility on MIBI.

**Technical parameters:**

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

Heart rate: 60 bpm

Radiation dose (DLP): 301 mGycm

Intravenous BETA-BLOCKER: Yes  
Oral BETA-BLOCKER: Yes  
Sublingual Nitroglycerine: 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. It appears normal.

*LAD:*

There is a calcific plaque within the proximal and midportion of the LAD causing mild (25%) stenosis. Calcific plaque is seen within the midportion of the first diagonal branch. Calcium is seen within the midportion of the 2<sup>nd</sup> diagonal branch.

*Circumflex:*

There is diffuse calcific atherosclerotic disease of the left circumflex coronary artery. There is a portion proximally with dense calcium making assessment difficult. A significant stenosis is difficult to exclude, although unlikely. The marginal branch appears normal.

*RCA:*