

Randwick Medical Imaging Department

(Incorporating POWH, SCH & RHW)

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Health
South Eastern Sydney
Local Health District

Prince of Wales Hospital
Randwick 2031

MRN:
Acc No: **2246540**
Ward: **POWEO**

CT CORONARY ANGIOGRAM performed on 11-JUN-2014

Indication:
Chest pain.

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: 44-46 bpm

Radiation dose (DLP): 416 mGycm

Intravenous BETA-BLOCKER: No
Oral BETA-BLOCKER: Yes 50 mg Metoprolol
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, and a ramus intermedius branch. The LMCA appears normal.

LAD:

The left anterior descending coronary artery gives rise to two diagonal branches and several small septal branches. The LAD and its branches appear normal.

Circumflex:

The left circumflex coronary artery gives rise to two obtuse marginal branches. The LCx and OM branches appear normal.

RCA:

The right coronary artery is large. It arises from the right coronary sinus and gives rise to conus and acute marginal branches before terminating as a large posterolateral branch and smaller posterior descending artery branch. The RCA and its branches appear normal.

Ramus Intermedius:

None

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

Cardiac findings:

Cardiac Chambers: Normal. There is a probably a small PFO.

Cardiac Valves: Normal.

Pericardium: Normal.

Aorta: There is mild dilatation of the ascending aorta (3.7 cm diameter at the level of the right pulmonary artery). The remainder of the aorta appears normal.

Pulmonary Arteries: Normal.

Other findings:

Lung parenchyma: The visualised lung parenchyma appears normal.

Chest wall: The visualised chest wall appears normal.

Mediastinum: The visualised mediastinum appears normal.

Upper abdomen: There is a small hiatus hernia. The visualised upper abdomen appears normal.

Osseous structures: The visualised osseous structures appear normal.

Conclusion:

Normal coronary artery CT angiogram.

Mild ascending aorta dilatation.

Coread by Dr James Bond, Dr Wonder Woman and Dr Michael Jackson

Dictated By: Dr Wonder Woman

Approved By: Dr James Bond at 13-JUN-2014 04:52 PM

Typist: