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EPWORTH MEDICAL IMAGING PTY LTD ABN 93 166 479 116  
Freemasons Hospital Clarendon St, EAST MELBOURNE, VIC, 3002  
Telephone : 0394833377 Facsimile : 0394833399

Tuesday, 2 August 2022

DR MONIQUE WATTS  
132 GREY STREET  
EAST MELBOURNE VIC 3002

RE: MISS MICHELLE PERRY (02/04/1976)  
PINEGTOVE PRIVATE BAG  
WYCHEPROOF VIC 3527

Patient ID : EMI730098  
Service Date : 29/07/2022  
Dept :  
UR No :  
Episode ID : FMC959697

ahe/cxc03

#### **CORONARY CT ANGIOGRAM – Michelle Perry**

**Clinical History:** Exercise-induced LBBB & chest pain.

**Medications Given:** Propranolol 10mg oral + Sublingual nitrate 600mcg

**Radiation Dose:** 1.1mSv

**Heart Rate During Scan:** 63bpm

**Technique:** A prospectively ECG-gated single source contrast enhanced scan was performed through the heart. Contrast administration was calculated by the timing bolus method. The sequential mode was used with images reconstructed at 71% of the R-R interval.

#### **CORONARY ARTERY CALCIUM SCORE**

Modified Agatston score is 9.2 (93<sup>rd</sup> percentile for age and sex) as described by Hoff and Colleagues.

#### **CORONARY ARTERIES**

Left coronary artery dominance.

Coronary artery ostia are in the normal position. Main arteries have normal proximal courses.

#### **Left Main:**

Bifurcates into the Left Anterior Descending and Left Circumflex arteries.

LM: no plaque

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**Left Anterior Descending (LAD):**

Medium-sized vessel which wraps around the apex.

Proximal: no plaque  
Mid: mild mixed plaque  
Distal: no plaque

**Diagonal branch(es):**

Large D1: no plaque  
D2: no plaque  
D3: no plaque

**Left Circumflex (LCx):**

Large dominant vessel.

Proximal: no plaque  
Mid: no plaque  
Distal: no plaque

**Obtuse marginal branch(es):**

OM1: no plaque  
OM2: no plaque

**PDA branch:**

PDA: no plaque

**Right Coronary Artery (RCA):**

Medium-sized non-dominant vessel. Motion artefact.

Proximal: no plaque  
Mid: no plaque  
Distal: no plaque

**NON-CORONARY FINDINGS**

Normal appearance of the chambers and valves. No pericardial effusion. No dilatation of the proximal ascending aorta.

**NON-CARDIAC FINDINGS**

In the field of view, no hilar or mediastinal adenopathy. No focal pulmonary mass, nodule or infiltrate. No pleural effusion. Degenerative changes superiorly in one of the lower thoracic vertebra. Otherwise unremarkable appearance of the imaged bones and soft tissues. Imaged upper abdomen unremarkable.

**CONCLUSIONS**

- Mild coronary artery calcification.
- Good quality study.

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- Non-obstructive mid-LAD plaque.
- No non-coronary cardiac findings.

**DEFINITIONS (PLAQUE STENOSIS)**

*Normal:* 0%  
*Minimal:* <25%  
*Mild:* 25-50%  
*Moderate:* 50-70%  
*Severe:* 70-99%  
*Occluded:* 100%

**Dr Andris Ellims**  
Consultant Cardiologist

**Associate Professor Pramit Phal**  
Consultant Radiologist  
Director of Radiology, Epworth Medical Imaging