

## Stress Echocardiography Report

Patient	Brooke MAGILL	Date	19/1/24
DOB	2/4/80	Sex	F
Referred by	Dr Rathnayake	Patient ID	957
Indication	Chest Pain, Palpitations post COVID vaccination	Heart rhythm	Sinus
Study Details	Patient identification verified. Procedure explained to the patient and consent obtained.		

### Comments

#### Stress testing:

The patient exercised for 11.01 minutes according to Bruce protocol achieving 13.5 METS.

Resting HR 113 bpm reached peak of 184 bpm.

The peak heart rate was 103% of the age-maximum predicted heart rate.

Resting BP 110/75. Peak BP 125/75.

The test was stopped due to target heart rate achieved. No chest pain was reported.

Resting ECG shows sinus rhythm. Patient remained in sinus rhythm with no concerning ECG changes suggestive of ischaemia.

No exercise-induced arrhythmia.

### Electrocardiographic Findings

Resting ECG	Normal
Peak Exercise ECG	No ischaemic changes
Recovery phase	No ischaemic changes
Arrhythmias	Nil

### Echocardiographic Findings Image quality - Good

LV function at rest	Normal left ventricular size. Normal systolic function. No regional wall motion abnormalities. Normal diastolic function. E:E' 4. RV systolic pressure 22 mmHg + RAP.
LV Function with exercise	Normal left ventricular size. Normal systolic function. No regional wall motion abnormalities. Normal diastolic function. E:E' 8.6. RV systolic pressure 34 mmHg + RAP.
LV function post exercise	Appropriate augmentation of all segments.

### Conclusions

- Exercise stress echocardiography is negative for inducible myocardial ischaemia by both ECG and echo criteria.
- No significant valvular pathology.

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