

Dr Lucia Murnane
 Niim Clinic Hawthorn
 21 Burwood Road
 Hawthorn 3122
 Tel: 0398040646
13th June 2023

Patient ID: 77.77991
 Accession Number: 77.43880142

Reported: 13 June 2023

Dear Dr Murnane

Re: **Mrs Mary Mangos - DOB: 04/06/1965**
 29 Oswin Street KEW EAST 3102

ECHOCARDIOGRAM

Reason for test: Shortness of breath post COVID.

Study	Rhythm: Sinus	Weight:	Height:	BSA:
Quality:		73	165	1.8m ²

CHAMBER STRUCTURE AND FUNCTION:

Aortic Root	3.0cm (N<3.7cm)	Right Ventricle	
Left Ventricle (diastole)	4.8cm (N<5.7cm)	TAPSE	2.4cm
Left Ventricle (systole)	2.5	RV S' Velocity	12cm/s
I.V.S.	0.8cm (N<1.1cm)	Left Atrial Area	14cm ² (N<20cm ²)
Posterior Wall	0.8cm (N<1.1cm)	Right Atrial Area	13cm ² (N<20cm ²)
Ejection Fraction	68% +/-5% (N>55%)		

DOPPLER MEASUREMENTS

Valve:	Max Vel	Max Grad	Mean Grad	Valve Area	Press 1/2 time	Regurg. Grade
Aortic	1.2 m/s	6mmHg		3.5 cm ²		
Mitral	0.8 m/s					None

Pulmonary 0.8 3mmHg
m/s

Tricuspid

DIASTOLOGY

Mitral E
Wave: 0.8m DT: 157ms Pul S Vel: A Duration:
/s 88ms

Mitral A
Wave: 0.6m E / E ' Pul D Vel: A R
/s Lateral: 6 Duration:

Mitral E/A: E/E' Septal: P V A Valsalva E
1.41 7 Velocity: /A:

Report:

1. Normal left ventricular size. Normal left ventricular wall thickness. Normal left ventricular systolic function with no regional wall motion abnormality. Global longitudinal strain is 19%.
2. Normal sized left atrium. Normal sized right atrium. Normal right ventricular size and systolic function.
3. Morphologically normal trileaflet aortic valve.
4. Morphologically normal mitral valve. Normal Doppler. None regurgitation. The pericardial effusion is less than 3mm in size, there is no evidence of haemodynamic compromise.
5. Morphologically normal tricuspid valve.
- 6. Pulmonary Artery Systolic Pressure: 22mmHg + RA Pressure (10mmHg).**
7. Morphologically normal pulmonary valve.
8. Trivial pericardial effusion.

Conclusion:

Normal biventricular systolic function.

No major valvular abnormality.

Normal pulmonary pressure.

This study does not support the diagnosis of cardiomyopathy.

Technologist: Joan Mitvalsky

Dr Julian CASTRO

Electronically signed at 12:59 pm Thu, 15th Jun 2023