



Advanced Cardiac Imaging Centre

Cardiac Magnetic Resonance Imaging

Cardiologists

Prof Michael Feneley

A/Prof Cameron Holloway

A/Prof Andrew Jahhcur

A/Prof Jane McCrohon

A/Prof Neville Sammel

INDICATION:

post covid vaccine
chest pain trop negative

Height:	180.0 cm	Weight:	75.00 kg	BSA:	1.94 m ²
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Image Quality: Good

LEFT VENTRICLE

Normal left ventricular indexed volumes with normal ejection fraction.
LV Wall Thickness: 7 mm

RIGHT VENTRICLE

Normal right ventricular indexed volumes with normal ejection fraction.
There is no RV wall motion abnormality.

CARDIAC VALVES

No significant functional or structural valve abnormalities.

ATRIA

(LA 12 cm² , RA 14 cm²).

GREAT VESSELS

Aorta: 24 x 24mm
Pulmonary Arteries: Main PA 22mm, Right PA 14mm, Left PA 15mm
Pericardium: Normal pericardial appearance.

CARDIAC SHUNT STUDY

BHV Flow Mapping: On breath-hold velocity flow mapping, there is no significant shunt detected.
Qp/Qs= 1.12

TISSUE CHARACTERISATION

Oedema: On T2 weighted images, there is no active inflammation or oedema.

Ventricular Indices (normal male ranges in brackets)

	EDV (ml)	ESV (mL)	SV (mL)	EF (%)	Mass (g)
LV	200(102-235)	75(29-93)	125(68-148)	62(55-73)	109(85-181)
RV	220(111-243)	76(47-111)	144(62-134)	65(44-63)	

Ventricular Indices (corrected for BSA, mean +/- 2SD)

PATIENT DETAILS

MICHAEL BIRCH
18/364 LIVING STONE ROAD
MARRICKVILLE NSW 2204
DOB: 24/04/1992
MRN: 6262743

REFERRING DOCTOR
DR HO SHEN KIAT

EXAM
15/03/2022



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Indexed Values	EDV _i (mL/m ²)	Mass index (g/m ²)
LV	104(82+/-30)	56(65+/-18)
RV	114(86+/-28)	

CONCLUSION

1. Upper limit of normal biventricular volumes, in keeping with a young person.
2. Normal biventricular systolic function.
3. No evidence of myocardial oedema or fibrosis to suggest recent myopericarditis.

Thank you for referring this patient.

A/Prof Cameron Holloway
Cardiologist (CMR Specialist)

Dr Xavier Brennan
Cardiac Imaging Fellow

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Electronically signed by A/Prof Cameron Holloway on 29/03/2022 at 13:25

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