

PATIENT NAME: MR ADAM SIWEK
PATIENT ID: WR332210
PHONE: 0424153345
GENDER: Male
PERFORMED: 14/03/2023

DOB: 21/09/1984
ADDRESS: 18 Turtledove Way BENNETT SPRINGS WA
6063
MEDICARE #: 61874633861
REFERRED BY: Dr D BHULLAR
REPORTED BY: DR ADIL RAJWANI

CARDIOVASCULAR MAGNETIC RESONANCE IMAGING REPORT

CONCLUSIONS

1. Left ventricle is normal in size and systolic function.
2. Mid-ventricular fibrosis is modest volume, with no new foci of scar seen on this study.
3. Visually normal pericardium with no obvious oedema or scar.
4. The absence of ongoing myocardial oedema and no new foci of fibrosis with good systolic function are prognostically reassuring.

REPORT

Indication: Prev vaccine-induced myocarditis. Persistent symptoms.

LV: Normal indexed volume. No segmental abnormalities. Normal systolic function, EF 60%. Normal myocardial mass index 51g/msq.

RV: Visually normal size and systolic function

Myocardium: No obvious myocardial oedema. No LV thrombus. Sub-epicardial late gadolinium enhancement is relatively localised at the mid-ventricular anteroseptum and the inferior RV insertion point; no other new foci of enhancement are detected.

Pericardium: Visually normal pericardial thickness. No pericardial effusion. No pericardial oedema or late gadolinium enhancement.

General: Visually normal calibre aortic root. Within the limitations of CMR, no enlarged mediastinal lymph nodes are seen. No focal lesion is noted at the visualised spleen. There is suggestion of a small subcapsular cyst at segment VIII of the liver. This can be further assessed on ultrasound. Please note that scout CMR images are generally not of adequate quality to fully exclude extra-cardiac pathology.

Protocol: Cardiomyopathy (structure, function, oedema, 0.15mmol/kg gadovist contrast). Siemens 1.5T. Image quality was good.

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Normal age and sex-adjusted ranges in brackets

	EDV		ESV		SV		EF	
LV absolute	179	[121-205]	72	[34-78]	107	[79-135]	60%	[57-75]
LV indexed	87	[65-101]	35	[18-40]	52	[42-68]

Ref: Maceira et. al. Normalized Left Ventricular Systolic and Diastolic Function by Steady State Free Precession Cardiovascular Magnetic Resonance; JCMR 2006, and EHJ 2006.
BSA = 2.07

Reported by:

Dr Adil Rajwani (Consultant Cardiologist)
Dr Ashish Chawla (Consultant Radiologist)