



Tuggerah
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Referred By:

Dr Andrew Hill
SUITE 8/14-18 JARRETT STREET
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NORTH GOSFORD NSW 2250

Mr Kevin Riggs
DOB: 14 July 1945

Patient ID: DDE851Z

Visit Number: 17335640

Service Date: 06 June 2025 13:37

Visit Description: ECHOCARDIOGRAM

TRANSTHORACIC ECHOCARDIOGRAM
HISTORY: 79 year old male. AVR

COMPARISON: Echocardiogram 20/09/2019 (PRP)

Height:1.82 m Weight:96 kg BSA:2.17m2 Rhythm: Sinus with LBBB

IMPRESSION

1. Normal left ventricular size with moderate impairment of segmental function. Marked septal dyskinesis with background LBBB. EF estimated at around 40%.
2. Normal right ventricular size and systolic function. Mildly elevated pulmonary artery systolic pressure of 39mmHg.
3. Moderately stenosed aortic heterograft from 2011 with PG 56mmHg, MG 33mmHg.
4. Mild mitral regurgitation.

CHAMBERS

LEFT VENTRICLE: Normal LV size with marked septal dyskinesis with otherwise normal wall motion and EF of around 40%.

LEFT ATRIUM: Moderately dilated left atrium.

RIGHT VENTRICLE: Normal RV size and systolic function.

RIGHT ATRIUM: Mildly dilated right atrium.

PERICARDIUM: Normal. No pericardial effusion.

AORTA: Normal ascending aorta. Normal calibre aortic root and arch.

VALVES

 AORTIC: Bioprosthetic AVR with PG 56mmHg, MG 33mmHg, moderate stenosis with trivial regurgitation. (LVOT Vel: 0.8m/s, LVOT VTI:17.6cm, AoV PkVel: 3.7m/s, AoV VTI: 90cm, PkGd: 56mmHg, AoV MnGd: 33mmHg, AVA: 0.82cm², LVOTd: 23mm, DVI: 0.22).

 MITRAL: Thickened leaflets with mild regurgitation. (E/A:1.2, E: 1.3m/s, A: 1.1m/s, e'med:4.1cm/s, e'lat: 9cm/s, E/e' Avg:23.5, MnGd: 3mmHg, MVA PHT: 2.93cm²).

TRICUSPID:Normal leaflet motion with trivial regurgitation.

PASP: Mildly elevated pulmonary artery systolic pressure. (TR PkVel: 3.0m/s, TRPkGd: 36mmHg, RAP: 3mmHg, PASP: 39mmHg, IVC: 20mm).

MEASUREMENTS:

AoRoot:	32	(31-37mm)	AscAo:	37	(<37mm)	LVEF(Visual)	40-45	(>51%)
LVEDD:	48	(42-58mm)	AoArch:	33	(<37mm)	LVEF(BP):	37	(>51%)
LVESD:	40	(<40mm)	LA(A-P):		(<40mm)	FR Short:	17	(>34%)
IVS:	13	(6-10mm)	LAVI:	49	(<34ml/m2)	RV Basal:	30	(<42mm)
PW:	12	(6-10mm)	RAVI:	33	(<32ml/m2)	TAPSE:	20	(>17mm)

Reported by: Dr Andrew Hill
Cardiologist

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CT Calcium scoring available at PRP Tuggerah