

**Specialist Echocardiography Services**DR CHRISTOPHER CHOONG  
M.B.B.Chir., Ph.D., F.R.A.C.P., F.A.C.C., D.D.U.**North Shore Private Hospital**  
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**Tel:** 02 9460 8722, **Fax:** 02 9460 7222**Transthoracic Echocardiogram Report**

Patient	GAFFNEY, MARIAN NSP MRN: ME00143507					Date	11-02-2025
DOB	18-07-1943	Sex	Female			Patient ID	MG180743
Referred by	Dr Allahwala					Study ID	A431/25 W1
Height	1.58 m	Weight	73 KG	BSA	1.75 m2	Heart rhythm/rate	SR 90 bpm Frequent ectopics
Indication	RAC Stenosis						

**Measurements**

LV/Atrial Chamber Size		Diastology		RV Function/Pulmonary HTN		Aortic Valve	
LVIDd:	4.5 cm	E vel:	158 cm/s	RVS' :	10 cm/s	AV Vmax:	300 cm/s
LVIDs:	2.9 cm	Decel time:	280 ms	TAPSE:	24 mm	AV PG:	36 mmHg
IVSWd:	0.8 cm	A vel:	177 cm/s	RV Frac:	-	AV MG:	25 mmHg
LVPWd:	0.9 cm	E/A:	0.9	PAAT:	-	AV VTI:	75.0 cm
LA size:	4.7 cm	E' sept:	8.3 cm/s	RV Base:	-	LVOT Vmax:	136 cm/s
EF BP:	-	E' lateral:	5.9 cm/s	RV Mid. :	-	LVOT VTI:	33.9 cm
LA Area:	23 cm2	E/E' avg:	22.9	RV Length:	-	AVA VTI:	1.1 cm2
LA Vol Ind:	42 ml/m2			TR Vmax:	2.7 m/s	AVAi:	0.66 cm2/m2
RA Area:	14 cm2			RVSP-RA:	29 mmHg	SVi:	49.1 mL/m2
GLS:	[-]			IVC:	-		
				Collapse=>50%:	[Yes / No]		
Mitral Valve		Aorta		Tricuspid Valve		Pulmonary Valve	
MV MG:	-	LVOT Diam:	1.8 cm	TV MG:		PV Vmax:	118 cm/s
PHT:	82 ms	AoRD :	2.9 cm	TV pk E:		PV PG:	6 mmHg
MVA (PHT):	3 cm2	Asc Aorta:	-			Qp:Qs	
		Arch:	-				

**Comments**

Left Ventricle	Normal left ventricular size and systolic function.
LV Wall Thickness	Normal left ventricular wall thickness.
Right Ventricle	Normal right ventricular size and function.
Left Atrium	Mildly dilated left atrium.
Right Atrium	Normal right atrial size.
Aortic Valve	Tricuspid severely calcified AV with severely restricted leaflet mobility on 2D examination. Trivial aortic regurgitation.
Mitral Valve	Posterior mitral annular calcification. Thickened MV leaflets. Mild to moderate mitral regurgitation.
Tricuspid Valve	Mild tricuspid regurgitation.
Estimated PASP	PASP is 29 mmHg above RAP.
Pulmonary Valve	Normal structure and function.
Aorta	Normal aortic root and ascending aorta size.
Pericardium	No effusion
Other Findings	

**Conclusions**

- Sinus rhythm with frequent ventricular ectopics at time of study.
- Normal biventricular size, wall thickness and systolic function. LVEF: 60%.
- Mild left atrial dilatation. Normal right atrial size.
- Moderate to severe aortic stenosis.
- Mild to moderate mitral regurgitation.
- No thrombus detected within limits of a TTE.

Cardiologist	Dr Usaid Allahwala	Sonographer: Cathy Spencer
CC To:	NSP Level 1 (email)	