

TRANSTHORACIC ECHOCARDIOGRAM REPORT

Patient:	Boric Muris	Height	182 cm
Patient ID	304	Weight	85 kg
Date of birth:	11/11/1985 (36 years)	BSA	2.07 m ²
Gender:	Male	Sonographer:	Amy Swan
Exam date:	10/02/2022	Referral:	Dr Manmohan (Mona) Kaur

Measure

M mode

TAPSE	2.3 cm [>=1.7]
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2D mode

IVSd	1.1 cm	LVEF (MOD BIP)	58 % [52-72]	LVOT Diam	2.3 cm
LVIDd	4.9 cm [4.2-5.8]	LAA (A4C)	17 cm ²	Ao Root Diam	3.5 cm [2.3-2.9]
LVPWd	1.0 cm	LAESV (A-L)	29 ml/m ²	Ao Asc Diam	3.1 cm [2.6-3.4]
LVEDV (MOD BIP)	104.1 ml [62.0-150.5]	LAESV (A-L BIP)	61 ml		

Doppler

MV E Velocity	0.79 m/s	LVOT max PG	4.94 mmHg	AV mean PG	3.06 mmHg
MV E / A	1.19 [0.73-2.33]	AV Vmax	1.19 m/s	Dimensionless Index	0.87
MV Dec. Time	238 ms [138-194]	AV max PG	5.65 mmHg	VTI	
LVOT Vmax	1.11 m/s			AVA (VTI)	3.7 cm ²

TDI

MV E' Sept	12 cm/s [10-21]	MV E' Lat	19 cm/s [14-26]	MV E / E' Avg	5.1
MV E / E' Sept	6	MV E / E' Lat	4		

Left Ventricle

Normal left ventricular size and systolic function. No regional wall motion abnormalities detected. Simpson's Biplane EF 58 %. Normal wall thickness. Normal diastolic function. Sept E/E' 6, Lat E/E' 4.

Left Atrium

Normal left atrial size.

Aortic Valve

The aortic valve is normal in structure and function. No significant aortic regurgitation. Normal calibre ascending aorta.

Mitral Valve

Normal leaflets with normal excursion. Trivial mitral regurgitation.

Right Heart

The right ventricle is normal in size and function.

Tricuspid Valve

Insufficient tricuspid regurgitation to estimate RVSP. IVC is normal in size with respiratory collapse.

Other

Effusion: No pericardial effusion.

Conclusions

Normal biventricular size & systolic function with no RWMA
No significant valvar dysfunction
No e/o PAH
No pericardial effusion

Dr Sujith Chacko
Reading physician

Amy Swan
Sonographer