



পপুলার ডায়াগনস্টিক সেন্টার লি POPULAR DIAGNOSTIC CENTRE LTD

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ECHOCARDIOGRAPHY REPORT

MRD No. :	11361049	RIS No. :	2512724
Patient Name :	Mr. Moniruzzaman	Age/Gender :	36 Y/M
Referred By :	PROF. M. NAZRUL ISLAM, MBBS, FCPS, FRCP, FACC, FESC	Bed No/Ward :	OPD
Bill Date :	04/02/2023 3:55PM	Scan Date :	04/02/2023
Report Date :	04/02/2023 7:09PM	Report Status :	

Transthoracic Echo-Doppler Study

Measurement :

2D Measurement & M-mode				Doppler & TDI Measurement			
LA AP dia :	34 mm(30-40)	LVIDd :	53 mm (42-55)	MV E/A ratio :	(0.8-1.5)	Av mitral s' vel :	cm/s(6.2-10)
Ao An :	23 mm(14-30)	LVIDs :	35 mm (25-40)	E wave DT :	ms(140-220)	Av mitral e' vel :	cm/s(6.3-10)
Ao Sov :	29 mm (<40)	LVEF :	63% (≥55)	IVRT :	ms(56-124)	Av mitral a' vel :	cm/s(6.1-10)
IVSd :	08 mm(6-10)	EPSS- :	mm (<7)	MVG (p/m) :	mmHg	Av E/e'Ratio :	(4.2-10)
LVPWd :	08 mm (6-10)	TAPSE :	mm (17-31)	AVG (p/m) :	mmHg	e'/a' Ratio :	(>1.2)
MVA :	cm ² (4-6)	LA Vol :	ml / m ² (<34)	PASP :	mmHg	Tricuspid s' vel :	(9.1±2.5)

Description :

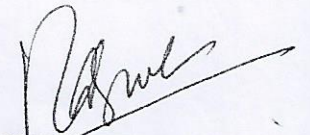
Vena cavae and pulmonary Veins	:	Normal SVC and IVC connection to right atrium. Normal pulmonary venous return.
Atria and IAS	:	Both atria are normal in size and intact IAS.
Left Ventricle	:	Wall thickness, dimensions and systolic function normal. No resting regional wall motion abnormalities.
Aortic valve	:	Trileaflet with normal systolic opening and flow pattern. No evidence of stenosis nor any regurgitation visualised.
Aortic Root	:	Normal root dimensions with normal contours of SOV with unobstructed aortic arch.
Mitral valve	:	Appears structurally normal with normal leaflet motion and Doppler flow pattern. No evidence of stenosis nor any regurgitation visualised.
Right heart	:	RV size and systolic function are normal. Tricuspid and pulmonary valves show normal anatomy and mobility with normal Doppler flows.
Pericardium	:	Normal pericardium with no pericardial effusion visualized.
Others	:	Estimated PASP is within normal limits (based on the TR jet velocity/the size and collapsibility of IVC). No intracardiac mass seen.

Interpretation summary :

- Valves are normal in morphology and function.
- Normal LV diameter and function (Estimated EF-66%). No RWMA.
- Normal right heart dimensions and functions with normal PA pressure.
- No significant pericardial effusion.

Final Impression :

Normal findings.


Prof. M. Nazrul Islam
Former Professor of Cardiology
Bangabandhu Sheikh Mujib
Medical University, Dhaka