

পপুলার ডায়াগনস্টিক সেন্টার লিঃ POPULAR DIAGNOSTIC CENTRE LTD.

Head Office : House # 16, Road # 2, Dhanmondi R/A, Dhaka-1205
HOTLINE : 09613 787801, 09666787801, E-mail : info@popularidiagnostic.com, Web : www.popularidiagnostic.com

ECHOCARDIOGRAPHY REPORT

MRD No. :	11393930	RIS No. :	2587394
Patient Name :	Md. Mozibur Rahman	Age/Gender :	70 Y/M
Referred By :	ASSO. PROF. DR. MD. KHAIRUL ANAM.MBBS,MD (CHEST), FCCP (AMERICA).	Bed No/Ward :	OPD
Bill Date :	19/03/2023 9:29PM	Scan Date :	19/03/2023
Report Date :	19/03/2023 10:08PM	Report Status :	

Echo Colour Doppler

Measurement :		Doppler & TDI Measurement					
2D Measurement & M-mode							
LA AP dia	: 36 mm(30-40)	LVIDd	: 46 mm (42-55)	MV E/A ratio	: 0.6 (0.8-1.5)	Av mitral s' vel	: cm/s(6.2-11.8)
Ao An	: 24 mm(14-30)	LVIDs	: 32 mm (25-40)	E wave DT	: ms(140-220)	Av mitral e' vel	: cm/s(6.3-12.4)
Ao Sov	: 29 mm (<40)	LVEF	: 58% (≥55)	IVRT	: ms(56-124)	Av mitral a' vel	: cm/s(6.1-11.8)
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 normal. Chamber 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. No evidence of stenosis nor any regurgitation visualised. Analysis of MV inflow and PV Doppler suggest mild diastolic LV dysfunction.
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.
- Normal LV diameter and systolic function (Estimated EF-58%). No RWMA.
- Diastolic dysfunction of LV (mild).
- Normal right heart dimensions and functions with normal PA pressure.
- No significant pericardial effusion.

Final Impression :

Diastolic dysfunction of LV (mild).


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