



DEPARTMENT OF CARDIOLOGY

Patient name Mrs. PRAJILA KUMARI

Age/Sex 44 Years / Female

Patient ID MID01.247340

Visit No 1

Referred by Dr. ALI FAIZAL

Visit Date 21/10/2021

Transthoracic Echocardiography Report

M-mode measurements

LV

IVS d	: 0.93 cm	LVID d	: 4.11 cm
LVPW d	: 0.72 cm	IVS s	: 1.12 cm
LVID s	: 2.61 cm	LVPW s	: 1.37 cm
LV Vol d	: 74.51 ml	LV Vol s	: 24.92 ml
LV EF	: 66.55 %	LV SV	: 49.59 ml
LV %FS	: 36.36 %	LV Mass	: 101.61 gms

AO/LA

Ao Diam s	: 2.86 cm	LA Diam d	: 4.08 cm
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Doppler Measurements

Aortic Valve Doppler Measurements

AoV Vmax	: 1.75 m/s	AoV Peak grad	: 12.22 mmHg
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Mitral Valve Doppler Measurements

Mitral Inflow

MV DT	: 598.67 msec	MV Decel Slope	: 3.34 m/s ²
MV Area PHT	: 1.27 cm ²	MV PHT	: 173.61 msec
MV Vmax Tips	: 1.98 m/s	MV Mean Grad Tips	: 9.71 mmHg
MV Peak Grad Tips	: 15.68 mmHg		

Tricuspid Valve Doppler Measurements

TR Vmax	: 3.26 m/s	TR Peak Grad	: 42.49 mmHg
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Pulmonary Valve Doppler Measurements

PV Vmax	: 0.96 m/s	PV Peak Grad	: 3.67 mmHg
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Descriptive Details

Left Ventricle :No RWMA. Normal LV systolic function. Grade I LV diastolic dysfunction.
Right Ventricle :Normal
Left Atrium :Dilated





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Right Atrium : Normal
 Mitral Valve : Thickened. AML doming, PML mobility restricted. Moderate MS (PPG/MPG-15/9mmHg, MVA by planimetry-1.2 sqcm, MVA by PHT:1.3sqcm). Mild MR(MRJA:3.0sqcm).
 Aortic Valve : Normal
 Tricuspid Valve : Mild TR, peak gradient-43mmHg
 Pulmonary Valve : Normal
 IAS : Intact
 IVS : Intact
 Aorta : Normal
 Pulmonary Artery : Normal
 Inferior Venacava : Normal
 Pericardium : Normal
 Others/Remarks : Nil

FINAL IMPRESSION:

RHEUMATIC HEART DISEASE
 -MODERATE MITRAL STENOSIS
 -MILD MITRAL REGURGITATION
 NO REGIONAL WALL MOTION ABNORMALITY
 NORMAL LEFT VENTRICULAR SYSTOLIC FUNCTION
 MODERATE PULMONARY HYPERTENSION

Dr. ALI FAIZAL MD, DM
 SR. CONSULTANT CARDIOLOGIST

Technologist: Manju

