



DEPARTMENT OF CARDIOLOGY

Patient name Mrs. PRAJILA KUMARI
Patient ID MID01.247340
Referred by Dr. ALI FAIZAL

Age/Sex 45 Years / Female
Visit No 2
Visit Date 17/10/2022

Transthoracic Echocardiography Report

M-mode measurements

LV

IVS d	: 0.92 cm	LVID d	: 3.97 cm
LVPW d	: 0.87 cm	IVS s	: 1.46 cm
LVID s	: 2.33 cm	LVPW s	: 1.15 cm
LV Vol d	: 68.62 ml	LV Vol s	: 18.79 ml
LV EF	: 72.62 %	LV SV	: 49.83 ml
LV %FS	: 41.18 %	LV Mass	: 107.73 gms

AO/LA

Ao Diam s	: 2.64 cm	LA Diam d	: 4.39 cm
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Doppler Measurements

Aortic Valve Doppler Measurements

AoV Vmax	: 1.24 m/s	AoV Peak grad	: 6.14 mmHg
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Mitral Valve Doppler Measurements

Mitral Inflow

MV DT	: 625.28 msec	MV Decel Slope	: 3.56 m/s ²
MV Area PHT	: 1.19 cm ²	MV PHT	: 181.33 msec
MV Vmax Tips	: 2.21 m/s	MV Mean Grad Tips	: 9.26 mmHg
MV Peak Grad Tips	: 19.55 mmHg		

Tricuspid Valve Doppler Measurements

TR Vmax	: 2.75 m/s	TR Peak Grad	: 34.34 mmHg
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Pulmonary Valve Doppler Measurements

PV Vmax	: 0.7 m/s	PV Peak Grad	: 1.98 mmHg
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Descriptive Details

Left Ventricle :No RWMA. Normal LV systolic function.
Right Ventricle :Normal





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Left Atrium :Dilated
Right Atrium :Normal
Mitral Valve :Thickened. AML doming, PML mobility restricted.Moderate- Severe MS, Subvalvular pathology + (PPG/ MPG-19/9mmHg, MVA by planimetry-1.18 sqcm, MVA by PHT:1.19sqcm). Mild-Moderate MR(MRJA:3.9sqcm).
Aortic Valve :Normal
Tricuspid Valve :Mild TR,peak gradient-34mmHg
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 TO SEVERE MITRAL STENOSIS

-MILD TO MODERATE MITRAL REGURGITATION

NO REGIONAL WALL MOTION ABNORMALITY

NORMAL LEFT VENTRICULAR SYSTOLIC FUNCTION

MILD PULMONARY HYPERTENSION


Dr. ALI FAIZAL. MD, DM
SR. CONSULTANT CARDIOLOGIST

Technologist: Neethu M

