

Patient Name : Ms.ANJALI Visit No : CHA250041045
Age/Gender : 33 Y/F Registration ON : 07/Mar/2025 10:45AM
Lab No : 10138340 Sample Collected ON : 07/Mar/2025 10:45AM
Referred By : Dr.PRASHANT NATU Sample Received ON :
Refer Lab/Hosp : CHARAK NA Report Generated ON : 07/Mar/2025 01:39PM

2D- ECHO & COLOR DOPPLER REPORT

1. MITRAL VALVE STUDY : MVOA – 1.2 cms2(perimetry) / 1.6 cm2 (PHT)

Anterior Mitral Leaflet:

(a) Motion: restricted (b) Thickness : thickened (c) DE : 1.5 cm.
(d) EF : 47 mm/sec (e) EPSS : 04 mm (f) Vegetation : -
(g) Calcium : -

Posterior mitral leaflet : Thickened

(a). Motion :paradoxical anterior (b) Calcium: - (c) Vegetation : -
Valve Score : Mobility /4 Thickness /4 SVA /4
Calcium /4 Total /16

2. AORTIC VALVE STUDY

(a) Aortic root : 1.9 cms (b) Aortic Opening : 1.1 cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : Tricuspid

3. PULMONARY VALVE STUDY

(a) EF Slope : reduced (b) A Wave : ABSENT (c) MSN : -
(D) Thickness : (e) Others :

4. TRICUSPID VALVE : Normal

5. SEPTAL AORTIC CONTINUITY

Left Atrium : 4.1 Cms
Right Atrium : Normal

6. AORTIC MITRAL CONTINUITY

Clot : - Others :
Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Mild RV Hypertrophy
RVD (D) cms

RVOT

LEFT VENTRICLE :

LVIVS (D) 0.9 cms (s) 1.2cm

LVPW (D) 0.8 cm (s) 1.3cm

LVID (D) 3.9cm (s) 2.4 cm

Motion : Normal

Motion : Normal

Ejection Fraction : 67 %

Fractional Shortening : 37 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

MILD RV HYPERTROPHY

GOOD LV CONTRACTILITY

MV – THICKENED, DIASTOLIC DOMING +
AOV- NORMAL

Short axis view

TV – NORMAL

PV – NORMAL

Aortic valve level

NO CLOT VEGETATION

Mitral valve level :

Papillary Muscle Level

NO PERICARDIAL EFFUSION



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (M/sec)	Flow pattern	Regurgitation (/4)	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	2.2	Spectral	-	Mx= 19	-
	1.7	Broadening	-	Mean= 12	-
AORTIC	1.0		-	-	-
TRICUSPID	0.5	-	1	-	-
PULMONARY	0.9	-	-	-	-

OTHER HAEMODYNAMIC DATA

TR peak vel = 3.3m/sec ; RV-RA PSG = 41mmHg ; Expected PASP = 51 mmHg

COLOUR DOPPLER

GR I/IV TR

CONCLUSIONS :

MILD RV HYPERTROPHY

GOOD LV CONTRACTILITY

LVEF = 67 %

MODERATE NON CALCIFIC MITRAL STENOSIS (MVA= 1.2 cm² By Perimetry)

MILD TR

PAH

NO PERICARDIAL EFFUSION

NO CLOT VEGETATION

CHARAK

IMPRESSION -POST BMV-MODERATE NON CALCIFIC MITRAL STENOSIS , PAH WITH MILD TR

DR. PANKAJ RASTOGI, MD, DM



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*** End Of Report ***

