

Patient Name : Ms.REHANA BEGUM Visit No : CHA250040235
Age/Gender : 40 Y/F Registration ON : 06/Mar/2025 09:04AM
Lab No : 10137530 Sample Collected ON : 06/Mar/2025 09:04AM
Referred By : Dr.PANKAJ RASTOGI Sample Received ON :
Refer Lab/Hosp : CHARAK NA Report Generated ON : 06/Mar/2025 12:56PM

2D- ECHO & COLOR DOPPLER REPORT

1. MITRAL VALVE STUDY : MVOA – 2.5 cms2(perimetry) / 2.5 cm2 (PHT)

Anterior Mitral Leaflet:

(a) Motion: restricted (b) Thickness : thickened (c) DE : 1.9 cm.
(d) EF : 25 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 1/4 Thickness 1 /4 SVA 2/ 4
Calcium /4 Total 04 /16

2. AORTIC VALVE STUDY

(a) Aortic root : 2.3 cms (b) Aortic Opening : 1.6 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 : 5.7 Cms
Right Atrium : Normal

6. AORTIC MITRAL CONTINUITY

Clot : - Others :
Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D) cms

RVOT

LEFT VENTRICLE :

LVIVS (D) 0.9 cms (s) 1.2 cm

Motion : Normal

LVPW (D) 0.9 cm (s) 1.6cm

Motion : Normal

LVID (D) 4.7cm (s) 2.8 cm

Ejection Fraction : 69 %

Fractional Shortening : 38 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

DILATED LA

NORMAL LV,RV DIMENSIONS

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	1.7	Spectral Broadening	2	Mx=12 Mean= 05	2.5
AORTIC	1.8	-	2	-	-
TRICUSPID	0.5	-	Trivial	-	-
PULMONARY	0.5	-	-	-	-

OTHER HAEMODYNAMIC DATA
TR peak vel = 2.2m/sec ; RV-RA PSG = 20mmHg ; Expected PASP = 30 mmHg

COLOUR DOPPLER

GR II/IV MR
GR II/IV AR
TRIVIAL TR

CONCLUSIONS :

DILATED LA
NORMAL LV,RV DIMENSIONS
GOOD LV CONTRACTILITY
LVEF = 69 %
MODERATE MR
MILD MITRAL STENOSIS (MVA= 2.5 cm2)
MODERATE AR
TRIVIAL TR
ATRIAL FIBRILLATION
SMALL RIGHT PLEURAL EFFUSION
NO PERICARDIAL EFFUSION
NO CLOT VEGETATION

IMPRESSION : RHD: MODERATE MR, MILD MITRAL STENOSIS
,MODERATE AR WITH AF

DR. PANKAJ RASTOGI, MD, DM



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*** End Of Report ***

