

Patient Name	: Ms. AYESHA	Visit No	: CHA250036731
Age/Gender	: 65 Y/F	Registration ON	: 01/Mar/2025 09:44AM
Lab No	: 10134027	Sample Collected ON	: 01/Mar/2025 09:44AM
Referred By	: Dr. GUFRAN RASHID	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 01/Mar/2025 11:02AM

2D- ECHO & COLOR DOPPLER REPORT

1. MITRAL VALVE STUDY : MVOA - Normal (perimetry) cm2 (PHT)

Anterior Mitral Leaflet:

- (a) Motion: Normal (b) Thickness : Normal (c) DE : 1.2 cm.
(d) EF : 47 mm/sec (e) EPSS : 06 mm (f) Vegetation : -
(g) Calcium : -

Posterior mitral leaflet : Normal

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

2. AORTIC VALVE STUDY

- (a) Aortic root : 3.2cms (b) Aortic Opening : 1.9cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : THICK

3. PULMONARY VALVE STUDY Normal

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

4. TRICUSPID VALVE : Normal

5. SEPTAL AORTIC CONTINUITY 6. AORTIC MITRAL CONTINUITY

- Left Atrium : 3.6 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.3 cm (s) 1.7 cm

LVPW (D) 1.3cm (s) 1.7 cm

LVID (D) 3.3 cm (s) 1.9 cm

Motion : normal

Motion : Normal

Ejection Fraction :74%

Fractional Shortening : 41 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

CONCENTRIC LVH
GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - ANNULAR CALCIFICATION +

Papillary Muscle Level :

NO RWMA

Apical 4 chamber View :

No LV CLOT

CHARAK



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern	Regurgitation (/4)	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 0.6 a = 1.4	a > e	-	-	-
AORTIC	1.4	Normal	1	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.7	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GRI / IV AR

CONCLUSIONS :

- CONCENTRIC LVH
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 74 %
- NO RWMA
- a > e, DIASTOLIC DYSFUNCTION
- MILD AR ; AOV THICK
- MV-ANNULAR CALCIFICATION +
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – CONCENTRIC LVH

DR. PANKAJ RASTOGI MD.DM



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*** End Of Report ***

