

Patient Name : Ms.JAKRUN NISHA Visit No : CHA250042688  
Age/Gender : 75 Y/F Registration ON : 10/Mar/2025 07:14AM  
**Lab No : 10139983** Sample Collected ON : 10/Mar/2025 07:14AM  
Referred By : Dr.PANKAJ RASTOGI Sample Received ON :  
Refer Lab/Hosp : CHARAK NA Report Generated ON : 10/Mar/2025 12:37PM

**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 : 1.5 cm.  
(d) EF : 34mm/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 : 2.7cms (b) Aortic Opening : 1.3cms (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 : 3.1 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**  
**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 1.2 cm (s) 1.5cm

**Motion** : normal

**LVPW (D)** 1.2cm (s) 1.7 cm

**Motion** : Normal

**LVID (D)** 3.1 cm (s) 1.9 cm

**Ejection Fraction** :68%

**Fractional Shortening** : 37 %

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

CONCENTRIC LVH  
GOOD LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

AOV - THICK  
**PV - NORMAL**  
TV - NORMAL

**Mitral valve level** :

MV - NORMAL

**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 ( /4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.7 a = 0.7	Normal	-	-	-
AORTIC	1.7	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

**CONCLUSIONS :**

- CONCENTRIC LVH
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 68 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – CONCENTRIC LVH**

**DR. PANKAJ RASTOGI MD.DM**

\*\*\* End Of Report \*\*\*

