

Patient Name	: Mr. SHIV PRASAD CHAUDHARY	Visit No	: CHA250035445
Age/Gender	: 69 Y/M	Registration ON	: 27/Feb/2025 12:50PM
Lab No	: 10132741	Sample Collected ON	: 27/Feb/2025 12:50PM
Referred By	: Dr. RAJIV RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 27/Feb/2025 01:52PM

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 : 1.7 cm.
(d) EF 49 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 :2.0cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : Tricuspid, Normal

3. PULMONARY VALVE STUDY

- (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 : 3.4 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 2.1 cm (s) 2.9 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.7 cm

Motion : Normal

LVID (D) 5.3 cm (s)3.4 cm

Ejection Fraction : **64%**

Fractional Shortening : **35%**

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

MARKED ASYMMTERIC SEPTAL HYPERTROPHY
 GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
 TV - NORMAL

Mitral valve level :

MV - NO SAM

Papillary Muscle Level :

NO RWMA

Apical 4 chamber View :

No LV CLOT



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 0.4 a = 0.6	a > e	-	-	-
AORTIC	1.5	Normal	-	-	-
TRICUSPID	0.3	Normal	-	-	-
PULMONARY	1.1	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- MARKED ASYMMETRIC SEPTAL HYPERTROPHY
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 64 %
- NO SAM
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – FINDINGS ARE SUGGESTIVE OF HYPERTROPHIC CARDIOMYOPATHY
(NON OBSTRUCTIVE)**

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

