

Patient Name	: Mr. VIKRAM SHARMA	Visit No	: CHA250038709
Age/Gender	: 42 Y/M	Registration ON	: 04/Mar/2025 09: 38AM
<b>Lab No</b>	<b>: 10136004</b>	Sample Collected ON	: 04/Mar/2025 09: 38AM
Referred By	: Dr. PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 04/Mar/2025 11: 27AM

**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 117 mm/sec (e) EPSS : 21 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 : 3.1cms (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 : 4.0 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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**VENTRICLES**

**RIGHT VENTRICLE** : Normal

**RVD (D)**

**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 1.0 cm (s) 1.3 cm

**Motion** : normal

**LVPW (D)** 1.1cm (s) 1.3 cm

**Motion** : Normal

**LVID (D)** 6.4 cm (s) 5.1 cm

**Ejection Fraction** : **39 %**

**Fractional Shortening** : **20 %**

**TOMOGRAPHIC VIEWS**

**Parasternal Long axis view** :

**DILATED LV**  
**POOR LV CONTRACTILITY.**

**Short axis view**

**Aortic valve level** :

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

**Mitral valve level** :

**MV** - NORMAL

**Papillary Muscle Level** :

**GLOBAL HYPOKINESIA OF LV**

**Apical 4 chamber View** :

**No LV CLOT**



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**PERICARDIUM**

Normal

**DOPPLER STUDIES**

	Velocity (m/sec)	Flow ( /4)	pattern	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.8 a = 0.2	Normal	1	-	-	-
AORTIC	1.1	Normal	-	-	-	-
TRICUSPID	0.4	Normal	-	-	-	-
PULMONARY	0.7	Normal	-	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

GR I/IV MR

**CONCLUSIONS :**

- DILATED LV
- POOR LV SYSTOLIC FUNCTION
- LVEF = 39 %
- GLOBAL HYPOKINESIA OF LV
- MILD MR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – DILATED CARDIOMYOPATHY**

**DR. PANKAJ RASTOGI, MD,DM**

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

