

Patient Name	: Mr. RAJESH MAURYA	Visit No	: CHA250041586
Age/Gender	: 66 Y/M	Registration ON	: 08/Mar/2025 09:16AM
<b>Lab No</b>	<b>: 10138881</b>	Sample Collected ON	: 08/Mar/2025 09:16AM
Referred By	: Dr.SP SHUKLA	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 08/Mar/2025 12:45PM

**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 : 1.4 cm.  
(d) EF 118 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 :2.8cms (b) Aortic Opening :1.3cms (c) Closure: Central  
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -

(g) Valve Structure : Tricuspid,

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 : 6.0 cms Clot : - Others :  
Right Atrium : Dilated Clot : - Others : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

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

**LEFT VENTRICLE** :

**LVIVS (D)** 0.8 cm (s) 0.8 cm

**Motion** : normal

**LVPW (D)** 0.8cm (s) 1.3 cm

**Motion** : Normal

**LVID (D)** 5.9 cm (s) 5.1 cm

**Ejection Fraction** :26%

**Fractional Shortening** : 12%

TOMOGRAPHIC VIEWS

**Parasternal Long axis view** :

DILATED LV , LA & RA  
POOR LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

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

**Mitral valve level** :

MV - NORMAL

**SEVERE GLOBAL HYPOKINESIA OF LV**

**Papillary Muscle Level** :

**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 <sup>2</sup> )
MITRAL	e = 0.7 a = 0.2	Normal	2	-	-
AORTIC	0.8	Normal	1	-	-
TRICUSPID	0.4	Normal	2	-	-
PULMONARY	1.0	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

GR II/IV MR  
GR I/IV AR  
GR II/IV TR

**CONCLUSIONS :**

- DILATED LV , LA & RA
- POOR LV SYSTOLIC FUNCTION
- LVEF = 26 %
- SEVERE GLOBAL HYPOKINESIA OF LV
- MODERATE MR
- MILD AR
- MODERATE TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – DILATED CARDIOMYOPATHY**

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

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

