

Patient Name	: Mr.MIRAJUL HAQ	Visit No	: CHA250047312
Age/Gender	: 42 Y/M	Registration ON	: 17/Mar/2025 03:39PM
Lab No	: 10144607	Sample Collected ON	: 17/Mar/2025 03:39PM
Referred By	: Dr.RAJIV RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 17/Mar/2025 05:40PM

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** 111 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** : 3.4cms (b) **Aortic Opening** : 1.7cms (c) **Closure:** Central
(d) **Calcium :** - (e) **Eccentricity Index :** 1 (f) **Vegetation :** -

(g) **Valve Structure :** Tricuspid,

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) 1.0 cm (s) 1.1 cm

Motion : normal

LVPW (D) 1.0 cm (s) 1.6 cm

Motion : Normal

LVID (D) 5.4 cm (s) 4.5 cm

Ejection Fraction : 36%

Fractional Shortening : 17 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
POOR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

**HYPOKINESIA OF ANTERIOR IVS, ANTERIOR LV WALL &
APEX (LAD TERRITORY)**

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 ²)
MITRAL	e = 1.0 a = 0.3	Normal	-	-	-
AORTIC	1.1	Normal	-	-	-
TRICUSPID	0.3	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- HYPOKINESIA OF ANTERIOR IVS, ANTERIOR LV WALL & APEX (LAD TERRITORY)
- POOR LV SYSTOLIC FUNCTION
- LVEF = 36 %
- NO MR/ TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

