

Patient Name	: Ms.SHAIRA	Visit No	: CHA250042918
Age/Gender	: 52 Y/F	Registration ON	: 10/Mar/2025 11:50AM
<b>Lab No</b>	<b>: 10140213</b>	Sample Collected ON	: 10/Mar/2025 11:50AM
Referred By	: Dr.JAFAR	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 10/Mar/2025 01:47PM

**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** 44 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** :2.7cms                      (b) **Aortic Opening** :1.6cms                      (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)** 0.7 cm (s) 0.8 cm

**Motion** : normal

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

**Motion** : Normal

**LVID (D)** 4.9 cm (s) 4.0 cm

**Ejection Fraction** :35%

**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** :

MV - NORMAL

**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 = 1.3 a = 0.7	Normal	1	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.4	Normal	1	-	-
PULMONARY	1.0	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

TR peak vel = 3.0m/sec ; RV-RA PSG = 36mmHg ; Expected PASP = 46 mmHg

**COLOUR DOPPLER**

GR I/IV MR

GR I/IV TR

**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- POOR LV SYSTOLIC FUNCTION
- LVEF = 35 %
- GLOBAL HYPOKINESIA OF LV
- MILD MR
- MILD TR
- SMALL RIGHT PLEURAL EFFUSION
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – CARDIOMYOPATHY ? ISCHEMIC**

**DR. RAJIV RASTOGI, MD,DM**



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

