

Patient Name	: Mr.LIYAQAT ALI	Visit No	: CHA250035338
Age/Gender	: 60 Y/M	Registration ON	: 27/Feb/2025 11:28AM
<b>Lab No</b>	<b>: 10132634</b>	Sample Collected ON	: 27/Feb/2025 11:28AM
Referred By	: Dr.AN USMANI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 27/Feb/2025 12:10PM

**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 :** 1.5cm.  
(d) **EF :** 64 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 :** 1.6cms      (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 :** 3.9 cms      **Clot :** -      **Others :**  
**Right Atrium :** Normal      **Clot :** -      **Others :** -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**

**RVOT**

**LEFT VENTRICLE** :

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

**Motion** : normal

**LVPW (D)** 1.1cm (s) 1.6cm

**Motion** : Normal

**LVID (D)** 4.2 cm (s) 2.8 cm

**Ejection Fraction** :60%

**Fractional Shortening** : 31%

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

NORMAL LV RV DIMENSION  
GOOD LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

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

**Mitral valve level** :

MV - NORMAL

**Papillary Muscle Level** :

NO RWMA

**Apical 4 chamber View** :

No LV CLOT

CHARAK



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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 = 0.6 a = 0.9	a > e	-	-	-
AORTIC	1.1	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 60 %
- NO RWMA
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**CHARAK**

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

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

