

Patient Name : Mr.SAFIULLAH ANSARI Visit No : CHA250045619  
Age/Gender : 66 Y/M Registration ON : 15/Mar/2025 09: 30AM  
**Lab No : 10142914** Sample Collected ON : 15/Mar/2025 09: 30AM  
Referred By : Dr.YUSUF ANSARI Sample Received ON :  
Refer Lab/Hosp : CHARAK NA Report Generated ON : 15/Mar/2025 10: 30AM

**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 : 2.0cm.  
(d) EF : 40 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 : 1.4cms (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**

Left Atrium : 2.8 cms  
Right Atrium : Normal

6. **AORTIC MITRAL CONTINUITY**

Clot : - Others :  
Clot : - Others : -

Contd.....

CHARAK



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**VENTRICLES**

**RIGHT VENTRICLE** : Normal

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

**LEFT VENTRICLE** :

**LVIVS (D)** 0.8cm (s) 1.0 cm

**Motion** : normal

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

**Motion** : Normal

**LVID (D)** 4.4 cm (s) 2.8cm

**Ejection Fraction** : 64%

**Fractional Shortening** : 34 %

**Parasternal Long axis view** :

**TOMOGRAPHIC VIEWS**

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 2)
MITRAL	e = 0.4 a = 0.4	Normal	-	-	-
<b>AORTIC</b>	<b>1.0</b>	<b>Normal</b>	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.6	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

**COLOUR DOPPLER**

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

**CONCLUSIONS** :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 64 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY**

DR. PANKAJ RASTOGI MD.DM

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

