

Patient Name	: Mr.RAZI HAIDER	Visit No	: CHA250041381
Age/Gender	: 65 Y/M	Registration ON	: 07/Mar/2025 04:27PM
<b>Lab No</b>	<b>: 10138676</b>	Sample Collected ON	: 07/Mar/2025 04:27PM
Referred By	: Dr.MOHD RIZWANUL HAQUE	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 07/Mar/2025 04:57PM

**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 :2.1 cm.  
(d) EF :55 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 :2.6cms (b) Aortic Opening :1.8cms (c) Closure: Central  
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -  
(g) Valve Structure : Tricuspid,

3. **PULMONARY VALVE STUDY**

Normal (b) A Wave : + (c) MSN : -  
(a) EF Slope : - (e) Others :  
(D) Thickness :

4. **TRICUSPID VALVE** :

Normal

5. **SEPTAL AORTIC CONTINUITY**

6. **AORTIC MITRAL CONTINUITY**

Left Atrium : 2.2 cms  
Right Atrium : Normal

Clot : - Others :  
Clot : - Others : -

Contd.....

CHARAK



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**VENTRICLES**

**RIGHT VENTRICLE** : Normal

RVD (D)  
RVOT

**LEFT VENTRICLE** :

LVIVS (D) 0.9 cm (s)1.4 cm

LVPW (D) 0.8cm (s) 1.3cm

LVID (D) 4.2 cm (s) 2.5cm

**Motion** : normal

**Motion** : Normal

**Ejection Fraction** :69%

**Fractional Shortening** : 38 %

**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

**PERICARDIUM**  
Normal



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**DOPPLER STUDIES**

	Velocity (m/sec)	Flow pattern ( /4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.7 a = 1.1	a > e	-	-	-
<b>AORTIC</b>	<b>1.4</b>	<b>Normal</b>	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.2	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

**COLOUR DOPPLER**

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

**CONCLUSIONS** :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 69 %
- NO RWMA
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. RAJIV RASTOGI, MD,DM

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

**CHARAK**

