

Patient Name	: Mr. ZAHID HUSSAIN	Visit No	: CHA250035680
Age/Gender	: 70 Y/M	Registration ON	: 27/Feb/2025 05:08PM
<b>Lab No</b>	<b>: 10132976</b>	Sample Collected ON	: 27/Feb/2025 05:08PM
Referred By	: Dr. KALYAN MULLICK	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 27/Feb/2025 07:23PM

**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 : 1.3 cm.  
(d) EF 49 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 : 1.9cms (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 : 2.7 cms  
Right Atrium : Normal

6. AORTIC MITRAL CONTINUITY

Clot : - Others :  
Clot : - Others : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**

**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 0.8 cm (s) 1.6cm

**Motion** : normal

**LVPW (D)** 1.0cm (s) 1.5 cm

**Motion** : Normal

**LVID (D)** 4.8 cm (s) 3.1 cm

**Ejection Fraction** : 63%

**Fractional Shortening** : 34%

*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  
MV - NORMAL

**Mitral valve level** :

**Papillary Muscle Level** : NO RWMA

**Apical 4 chamber View** : No LV CLOT



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PERICARDIUM				
Normal				
DOPPLER STUDIES				
Velocity (m/sec)	Flow pattern	Regurgitation	Gradient (mm Hg)	Valve area (cm <sup>2</sup> )
MITRAL e = 0.6 a = 0.8	a > e	-	-	-
AORTIC 1.0	Normal	-	-	-
TRICUSPID 0.4	Normal	-	-	-
PULMONARY 0.7	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

- CONCLUSIONS :
- V. POOR ECHO WINDOW
  - NORMAL LV RV DIMENSION
  - GOOD LV SYSTOLIC FUNCTION
  - LVEF = 63 %
  - NO RWMA
  - a > e
  - NO CLOT / VEGETATION
  - NO PERICARDIAL EFFUSION

DR. RAJIV RASTOGI, MD,DM

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

