

Patient Name	: Mr. SHATROHAN LALNIGAM	Visit No	: CHA250040561
Age/Gender	: 61 Y/M	Registration ON	: 06/Mar/2025 01:34PM
<b>Lab No</b>	<b>: 10137856</b>	Sample Collected ON	: 06/Mar/2025 01:34PM
Referred By	: Dr.KGMU	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 06/Mar/2025 03:16PM

**ECG -REPORT**

RATE : 107 bpm

\* RHYTHM : Normal

\* P wave : Normal

\* PR interval : Normal

\* QRS Axis : Normal

Duration : Normal

Configuration : Normal

\* ST-T Changes : None

\* QT interval :

\* QTc interval : Sec.

\* Other :

**OPINION: SINUS TACHYCARDIA**

(FINDING TO BE CORRELATED CLINICALLY )

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



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**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 1.8 cm.  
(d) EF 71 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 :3.5cms (b) Aortic Opening :1.7cms (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 : 2.8 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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**VENTRICLES**

**RIGHT VENTRICLE** : Normal

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

**LEFT VENTRICLE** :

**LVIVS (D)** 0.9 cm (s) 1.4cm

**Motion** : normal

**LVPW (D)** 0.8cm (s) 1.4 cm

**Motion** : Normal

**LVID (D)** 4.3 cm (s) 3.1 cm

**Ejection Fraction** :55%

**Fractional Shortening** : 28%

**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



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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 = 0.4 a = 0.6	a > e	-	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.3	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 = 55%
- NO RWMA
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

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

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

