

Patient Name	: Mr. SRIKANT SHUKLA	Visit No	: CHA250041389
Age/Gender	: 65 Y/M	Registration ON	: 07/Mar/2025 04:52PM
<b>Lab No</b>	<b>: 10138684</b>	Sample Collected ON	: 07/Mar/2025 04:52PM
Referred By	: Dr. VIVEK AGARWAL **	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 07/Mar/2025 05:21PM

**ECG -REPORT**

\* RATE : 83 bpm.  
\* RHYTHM : Normal  
\* P wave : Increased P- terminal force  
\* PR interval : Normal  
\* QRS Axis : Normal  
Duration : Normal  
Configuration : Normal  
\* ST-T Changes : T Inversion in L1,L2, avL ,V4-V6  
\* QT interval :  
\* QTc interval : Sec.  
\* Other :

**OPINION** T INVERSION IN L1,L2, avL ,V4-V6 ? ISCHEMIC  
(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 : 1.8cm.  
(d) EF 99 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 : 3.1cms (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 : 2.9 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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**VENTRICLES**

**RIGHT VENTRICLE** : Normal

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

**LEFT VENTRICLE** :

**LVIVS (D)** 1.4 cm (s) 2.2 cm

**Motion** : normal

**LVPW (D)** 1.2cm (s) 1.6 cm

**Motion** : Normal

**LVID (D)** 4.5 cm (s) 2.5 cm

**Ejection Fraction** :74%

**Fractional Shortening** : 43 %

**TOMOGRAPHIC VIEWS**

**Parasternal Long axis view** :

**CONCENTRIC LVH**  
**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 = 0.7 a = 0.6	Normal	-	-	-
AORTIC	1.3	Normal	-	-	-
TRICUSPID	0.5	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

**CONCLUSIONS :**

- CONCENTRIC LVH
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 74 %
- NO RWMA
- GRADE 2 DIASTOLIC DYSFUNCTION
- AVERAGE E/ e' ratio 11.8
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

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

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

