

Patient Name : Ms.RAM KALI Visit No : CHA250034105  
Age/Gender : 60 Y/F Registration ON : 25/Feb/2025 02:42PM  
**Lab No : 10131401** Sample Collected ON : 25/Feb/2025 02:42PM  
Referred By : Dr.MOHD RIZWANUL HAQUE Sample Received ON :  
Refer Lab/Hosp : CHARAK NA Report Generated ON : 25/Feb/2025 06:51PM

**ECG -REPORT**

RATE : 107 bpm  
\* RHYTHM : Normal  
\* P wave : Normal  
\* PR interval : Normal  
\* QRS Axis : Normal  
Duration : Normal  
Configuration : Normal  
\* ST-T Changes : ST Depression in L2, avF ,V4-V6  
\* QT interval :  
\* QTc interval : Sec.  
\* Other :

**OPINION: ST DEPRESSION IN L2, avF ,V4-V6 ? ISCHEMIC**  
(FINDING TO BE CORRELATED CLINICALLY)

**CHARAK**

[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 : 1.4 cm.  
(d) EF : 75 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 : 2.0cms (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)** 0.9 cm (s) 1.4cm

**Motion** : normal

**LVPW (D)** 0.8cm (s) 1.3 cm

**Motion** : Normal

**LVID (D)** 4.0 cm (s) 2.3 cm

**Ejection Fraction** :75%

**Fractional Shortening** : 43 %

**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

**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 = 0.6 a = 0.9	a > e	-	-	-
AORTIC	1.4	Normal	1	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

GR I / IV AR

**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF =75 %
- NO RWMA
- MILD AR
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

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

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

