

Patient Name	: Mr.KALI CHARAN SINGH	Visit No	: CHA250033360
Age/Gender	: 55 Y/M	Registration ON	: 24/Feb/2025 03:22PM
<b>Lab No</b>	<b>: 10130656</b>	Sample Collected ON	: 24/Feb/2025 03:22PM
Referred By	: Dr.SANJAY TANDON	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 24/Feb/2025 07:17PM

**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** : 2.0 cm.  
(d) **EF** : 76 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** : 2.9cms (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**

Left Atrium : 3.2 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)** 0.7 cm (s) 0.7 cm

**Motion** : normal

**LVPW (D)** 1.2cm (s) 2.0 cm

**Motion** : Normal

**LVID (D)** 4.5cm (s) 3.6 cm

**Ejection Fraction** : 39%

**Fractional Shortening** : 18 %

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

NORMAL LV RV DIMENSION  
AKINETIC , THIN & SCARRED MID & DISTAL ANTERIOR  
IVS , ANTERIOR LV WALL & APEX (LAD TERRITORY  
HYPOKINETIC DISTAL TO S1 PERFORATOR )  
POOR LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

AOV - NORMAL  
**PV - NORMAL**  
TV - NORMAL

**Mitral valve level** :

MV - NORMAL

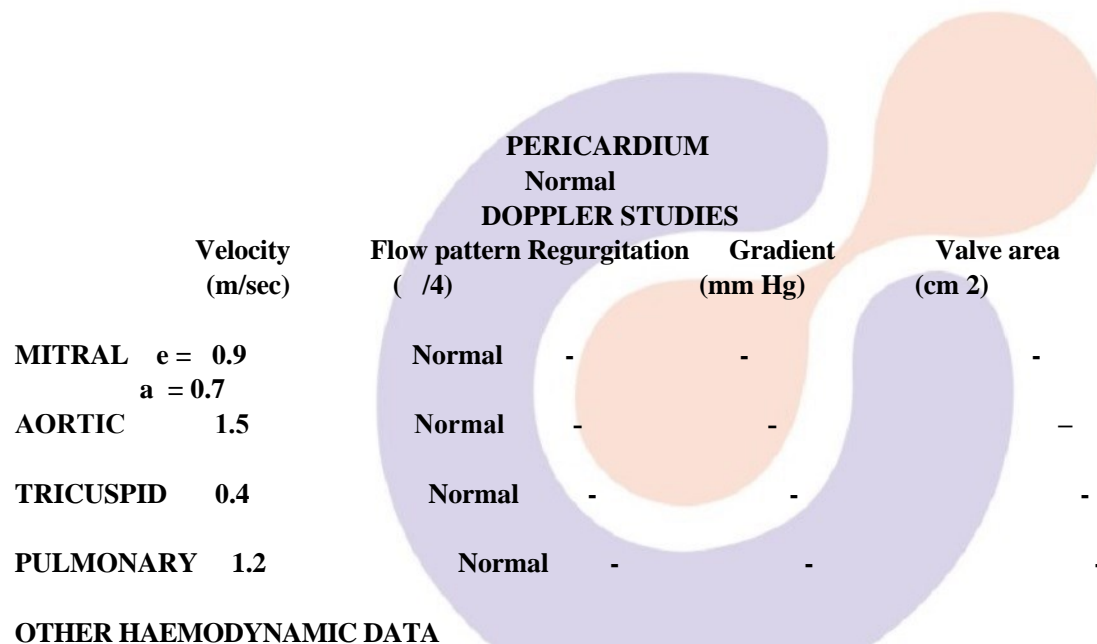
**Papillary Muscle Level** :

**Apical 4 chamber View** :

No LV CLOT



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**COLOUR DOPPLER**

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- AKINETIC , THIN & SCARRED MID & DISTAL ANTERIOR IVS , ANTERIOR LV WALL & APEX (LAD TERRITORY HYPOKINETIC DISTAL TO S1 PERFORATOR
- POOR LV SYSTOLIC FUNCTION
- LVEF =39 %
- NO MR/ TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

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



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

