

Patient Name : Mr.RAM RAKSH PAL Visit No : CHA250046665  
Age/Gender : 66 Y/M Registration ON : 17/Mar/2025 09:23AM  
**Lab No : 10143960** Sample Collected ON : 17/Mar/2025 09:23AM  
Referred By : Dr.KGMU (ONCO) Sample Received ON :  
Refer Lab/Hosp : CHARAK NA Report Generated ON : 17/Mar/2025 10:14AM

**ECG REPORT**

\* RATE : 88 bpm.  
\* RHYTHM : Bigeminal rhythm  
\* P wave : Normal  
\* PR interval : Normal  
\* QRS Axis : Lt Axis  
Duration : 120 m sec  
Configuration : rsR in V1  
rs in L2,L3, avF  
\* ST-T Changes : Secondary ST-T Changes  
\* QT interval :  
\* QTc interval : Sec.  
\* Other

**OPINION: RIGHT BUNDLE BRANCH BLOCK WITH LEFT ANTERIOR HEMI BLOCK  
VENTRICULAR BIGEMINY**  
( Finding to be correlated clinically )

**[DR. PANKAJ 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 : 2.3 cm.  
(d) EF : 89mm/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 : 3.7cms (b) Aortic Opening : 1.3cms (c) Closure: Central  
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -  
(g) Valve Structure : THICK

3. PULMONARY VALVE STUDY Normal

- (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 : 3.5 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

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

**LEFT VENTRICLE** :

**LVIVS (D)** 1.6 cm (s) 2.0 cm

**Motion** : normal

**LVPW (D)** 1.4cm (s) 2.1 cm

**Motion** : Normal

**LVID (D)** 5.2 cm (s) 3.3 cm

**Ejection Fraction** :64%

**Fractional Shortening** : 35 %

TOMOGRAPHIC VIEWS

**Parasternal Long axis view** :

CONCENTRIC LVH  
GOOD LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

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

**Mitral valve level** :

MV - NORMAL

**Papillary Muscle Level** :

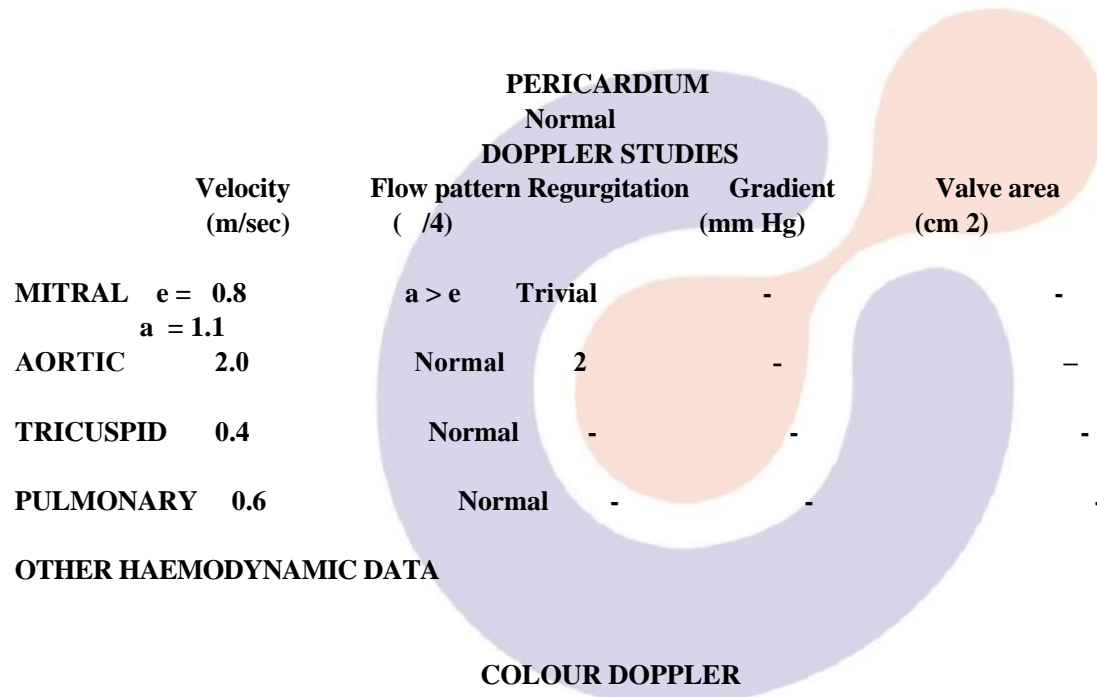
BASAL POSTERIOR BASAL INFERIOR LV  
HYPOKINETIC

**Apical 4 chamber View** :

No LV CLOT



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TRIVIAL MR  
GR II/IV AR

CHARAK

**CONCLUSIONS :**

- CONCENTRIC LVH
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 64 %
- BASAL POSTERIOR BASAL INFERIOR LV HYPOKINETIC
- TRIVIAL MR
- MODERATE AR;AOV THICK
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – CONCENTRIC LVH WITH MODERATE AR  
PDA TERRITORY HYPOKINETIC**



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**DR. PANKAJ RASTOGI MD.DM**

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

