

Patient Name : Mr.GURBACHAN SINGH Visit No : CHA250035331
Age/Gender : 82 Y/M Registration ON : 27/Feb/2025 11:20AM
Lab No : 10132627 Sample Collected ON : 27/Feb/2025 11:20AM
Referred By : Dr.ALOK KUMAR SRIVASTAVA Sample Received ON :
Refer Lab/Hosp : CHARAK NA Report Generated ON : 27/Feb/2025 12:57PM

ECG -REPORT

RATE : 65 bpm
* RHYTHM : Normal
* P wave : Normal
* PR interval : 240 m sec
* QRS Axis : Normal
Duration : Normal
Configuration : Loss of r V1-V3
* ST-T Changes : None
* QT interval :
* QTc interval : Sec.
* Other :

OPINION: 1⁰ HEART BLOCK

(FINDING TO BE CORRELATED CLINICALLY)

CHARAK

[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 : 1.3 cm.
(d) EF 81 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 :1.5cms (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 : 4.3 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.3 cm (s) 1.5 cm

Motion : normal

LVPW (D) 1.2cm (s) 2.0 cm

Motion : Normal

LVID (D) 3.9 cm (s) 2.5 cm

Ejection Fraction :66%

Fractional Shortening : 36 %

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	Regurgitation (/4)	Gradient (mm Hg)	Valve area (cm 2)
MITRAL e = 0.6 a = 0.9	a > e	-	-	-
AORTIC 1.1	Normal	-	-	-
TRICUSPID 0.4	Normal	-	-	-
PULMONARY 0.8	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

- CONCLUSIONS :
- CONCENTRIC LVH
 - GOOD LV SYSTOLIC FUNCTION
 - LVEF = 66 %
 - NO RWMA
 - a > e
 - NO CLOT / VEGETATION
 - NO PERICARDIAL EFFUSION

OPINION – CONCENTRIC LVH

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

