

Patient Name : Mr. RAM NARESH YADAV Visit No : CHA250034634
Age/Gender : 57 Y/M Registration ON : 26/Feb/2025 11:05AM
Lab No : 10131930 Sample Collected ON : 26/Feb/2025 11:05AM
Referred By : Dr. NORTHERN RAILWAY Sample Received ON :
Refer Lab/Hosp : NORTHERN RAILWAY LKO Report Generated ON : 26/Feb/2025 12:46PM

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 : 1.5 cm.
(d) EF 53 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 : 3.3cms (b) Aortic Opening : 2.0cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -

(g) Valve Structure : Tricuspid,

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 : 3.8 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)

RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0 cm (s) 1.4 cm

Motion : normal

LVPW (D) 1.1cm (s) 1.6 cm

Motion : Normal

LVID (D) 5.4 cm (s) 3.6 cm

Ejection Fraction : 60%

Fractional Shortening : 32%

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

MV - NORMAL

Mitral valve level :

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 2) |
|-----------|---------------------|-----------------------|---------------|---------------------|----------------------|
| MITRAL | e = 0.9 a = 0.7 | Normal | Trivial | - | - |
| AORTIC | 1.0 | Normal | - | - | - |
| TRICUSPID | 0.4 | Normal | - | - | - |
| PULMONARY | 1.0 | Normal | - | - | - |

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

TRIVIAL AR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 60 %
- NO SIGNIFICANT RWMA
- TRIVIAL AR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

