

Patient Name : Mr.MANOJ KUMAR Visit No : CHA250046249
Age/Gender : 62 Y/M Registration ON : 16/Mar/2025 10:53AM
Lab No : 10143544 Sample Collected ON : 16/Mar/2025 10:53AM
Referred By : Dr.NORTHERN RAILWAY Sample Received ON :
Refer Lab/Hosp : NORTHERN RAILWAY LKO Report Generated ON : 16/Mar/2025 12:27PM

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 : 1.7 cm.
(d) EF : 129 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 : 3.4cms (b) Aortic Opening : 1.5cms (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 : 3.6 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



Patient Name	: Mr.MANOJ KUMAR	Visit No	: CHA250046249
Age/Gender	: 62 Y/M	Registration ON	: 16/Mar/2025 10:53AM
Lab No	: 10143544	Sample Collected ON	: 16/Mar/2025 10:53AM
Referred By	: Dr.NORTHERN RAILWAY	Sample Received ON	:
Refer Lab/Hosp	: NORTHERN RAILWAY LKO	Report Generated ON	: 16/Mar/2025 12:27PM

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) 1.9 cm

Motion : Normal

LVID (D) 4.7 cm (s) 2.9 cm

Ejection Fraction : **66%**

Fractional Shortening : **37 %**

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



Patient Name	: Mr.MANOJ KUMAR	Visit No	: CHA250046249
Age/Gender	: 62 Y/M	Registration ON	: 16/Mar/2025 10:53AM
Lab No	: 10143544	Sample Collected ON	: 16/Mar/2025 10:53AM
Referred By	: Dr.NORTHERN RAILWAY	Sample Received ON	:
Refer Lab/Hosp	: NORTHERN RAILWAY LKO	Report Generated ON	: 16/Mar/2025 12:27PM

PERICARDIUM

Normal

DOPPLER STUDIES

Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL e = 0.5 a = 0.7	a > e	-	-	-
AORTIC 0.7	Normal	-	-	-
TRICUSPID 0.4	Normal	-	-	-
PULMONARY 0.5	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 66 %
- NO RWMA
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION
- PACEMAKER LEAD SEEN IN SITU

DR. PANKAJ RASTOGI, MD,DM



Patient Name : Mr.MANOJ KUMAR
Age/Gender : 62 Y/M
Lab No : 10143544
Referred By : Dr.NORTHERN RAILWAY
Refer Lab/Hosp : NORTHERN RAILWAY LKO

Visit No : CHA250046249
Registration ON : 16/Mar/2025 10:53AM
Sample Collected ON : 16/Mar/2025 10:53AM
Sample Received ON :
Report Generated ON : 16/Mar/2025 12:27PM

*** End Of Report ***

