

Patient Name : Mr. CHEDI LAL Visit No : CHA250038353
Age/Gender : 61 Y/M Registration ON : 03/Mar/2025 03:40PM
Lab No : 10135648 Sample Collected ON : 03/Mar/2025 03:40PM
Referred By : Dr. NORTHERN RAILWAY Sample Received ON :
Refer Lab/Hosp : NORTHERN RAILWAY LKO Report Generated ON : 03/Mar/2025 05:57PM

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 : 2.1 cm.
(d) EF 67 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 : 3.2cms (b) Aortic Opening : 2.1cms (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 : 3.1 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.9cm (s) 1.1 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.5 cm

Motion : Normal

LVID (D) 4.5 cm (s) 3.7 cm

Ejection Fraction : 40 %

Fractional Shortening : 19%

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
DEPRESSED LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

**HYPOKINESIA OF MID & DISTAL ANTERIOR IVS , ANTERIOR
LV WALL & APEX (LAD TERRITORY)**

Papillary Muscle Level :

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 = 0.4 a = 0.7	a > e	-	-	-
AORTIC	1.1	Normal	1	-	-
TRICUSPID	0.3	Normal	-	-	-
PULMONARY	0.7	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV AR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- HYPOKINESIA OF MID & DISTAL ANTERIOR IVS, ANTERIOR LV WALL & APEX (LAD TERRITORY)
- DEPRESSED LV SYSTOLIC FUNCTION
- LVEF = 40 %
- MILD AR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

