

Patient Name : Ms.JAMUNA DEVI Visit No : CHA250046701
Age/Gender : 67 Y/F Registration ON : 17/Mar/2025 09:44AM
Lab No : 10143996 Sample Collected ON : 17/Mar/2025 09:44AM
Referred By : Dr.NORTHERN RAILWAY Sample Received ON :
Refer Lab/Hosp : NORTHERN RAILWAY LKO Report Generated ON : 17/Mar/2025 11:02AM

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 : 68 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 : 2.8cms (b) Aortic Opening : 1.7cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -

(g) Valve Structure : Tricuspid,

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

Contd.....



| | | | |
|----------------|------------------------|---------------------|-----------------------|
| Patient Name | : Ms.JAMUNA DEVI | Visit No | : CHA250046701 |
| Age/Gender | : 67 Y/F | Registration ON | : 17/Mar/2025 09:44AM |
| Lab No | : 10143996 | Sample Collected ON | : 17/Mar/2025 09:44AM |
| Referred By | : Dr.NORTHERN RAILWAY | Sample Received ON | : |
| Refer Lab/Hosp | : NORTHERN RAILWAY LKO | Report Generated ON | : 17/Mar/2025 11:02AM |

VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.7 cm (s) 1.1 cm

LVPW (D) 0.6cm (s) 1.4cm

LVID (D) 4.1 cm (s) 2.4 cm

Motion : normal

Motion : Normal

Ejection Fraction :71%

Fractional Shortening : 40 %

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

CHARAK



| | | | |
|----------------|------------------------|---------------------|-----------------------|
| Patient Name | : Ms.JAMUNA DEVI | Visit No | : CHA250046701 |
| Age/Gender | : 67 Y/F | Registration ON | : 17/Mar/2025 09:44AM |
| Lab No | : 10143996 | Sample Collected ON | : 17/Mar/2025 09:44AM |
| Referred By | : Dr.NORTHERN RAILWAY | Sample Received ON | : |
| Refer Lab/Hosp | : NORTHERN RAILWAY LKO | Report Generated ON | : 17/Mar/2025 11:02AM |

PERICARDIUM

Normal

DOPPLER STUDIES

| | Velocity (m/sec) | Flow pattern (/4) | Regurgitation | Gradient (mm Hg) | Valve area (cm ²) |
|-----------|---------------------|-----------------------|---------------|---------------------|----------------------------------|
| MITRAL | e = 0.7 a = 0.9 | a > e | Trivial | - | - |
| AORTIC | 1.1 | Normal | - | - | - |
| TRICUSPID | 0.4 | Normal | 1 | - | - |
| PULMONARY | 0.7 | Normal | - | - | - |

OTHER HAEMODYNAMIC DATA

TR peak vel = 2.3m/sec ; RV-RA PSG = 22mmHg ; Expected PASP = 32 mmHg

COLOUR DOPPLER

GR I / IV TR
TRIVIAL MR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 71 %
- NO RWMA
- TRIVIAL MR
- MILD TR
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI MD.DM

*** End Of Report ***



| | | | |
|----------------|------------------------|---------------------|-----------------------|
| Patient Name | : Ms.JAMUNA DEVI | Visit No | : CHA250046701 |
| Age/Gender | : 67 Y/F | Registration ON | : 17/Mar/2025 09:44AM |
| Lab No | : 10143996 | Sample Collected ON | : 17/Mar/2025 09:44AM |
| Referred By | : Dr.NORTHERN RAILWAY | Sample Received ON | : |
| Refer Lab/Hosp | : NORTHERN RAILWAY LKO | Report Generated ON | : 17/Mar/2025 11:02AM |

