

Patient Name : Mr. NERAJ KUMAR AWASTHI Visit No : CHA250046759  
Age/Gender : 46 Y/M Registration ON : 17/Mar/2025 10:13AM  
**Lab No : 10144054** Sample Collected ON : 17/Mar/2025 10:13AM  
Referred By : Dr. NORTHERN RAILWAY Sample Received ON :  
Refer Lab/Hosp : NORTHERN RAILWAY LKO Report Generated ON : 17/Mar/2025 12:03PM

**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 : 1.9 cm.  
(d) EF : 113 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 : 1.9cms (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 : 3.2 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



Patient Name	: Mr. NERAJ KUMAR AWASTHI	Visit No	: CHA250046759
Age/Gender	: 46 Y/M	Registration ON	: 17/Mar/2025 10:13AM
<b>Lab No</b>	<b>: 10144054</b>	Sample Collected ON	: 17/Mar/2025 10:13AM
Referred By	: Dr. NORTHERN RAILWAY	Sample Received ON	:
Refer Lab/Hosp	: NORTHERN RAILWAY LKO	Report Generated ON	: 17/Mar/2025 12:03PM

VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**  
**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 1.1 cm (s) 1.5 cm

**Motion** : normal

**LVPW (D)** 1.1cm (s) 1.9 cm

**Motion** : Normal

**LVID (D)** 5.7 cm (s) 3.8 cm

**Ejection Fraction** : 60%

**Fractional Shortening** : 32 %

TOMOGRAPHIC VIEWS

**Parasternal Long axis view** :

LV DIMENSION WITH IN NORMAL LIMITS  
GOOD LV CONTRACTILITY.

**Short axis view**

**CHARAK**

**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. NERAJ KUMAR AWASTHI	Visit No	: CHA250046759
Age/Gender	: 46 Y/M	Registration ON	: 17/Mar/2025 10:13AM
<b>Lab No</b>	<b>: 10144054</b>	Sample Collected ON	: 17/Mar/2025 10:13AM
Referred By	: Dr. NORTHERN RAILWAY	Sample Received ON	:
Refer Lab/Hosp	: NORTHERN RAILWAY LKO	Report Generated ON	: 17/Mar/2025 12:03PM

**PERICARDIUM**

Normal

**DOPPLER STUDIES**

	Velocity (m/sec)	Flow pattern ( /4)	Regurgitation	Gradient (mm Hg)	Valve area (cm <sup>2</sup> )
MITRAL	e = 0.6 a = 0.4	Normal	-	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.7	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

**CONCLUSIONS :**

- LV DIMENSION WITH IN NORMAL LIMITS
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 60 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**DR. PANKAJ RASTOGI, MD,DM**

\*\*\* End Of Report \*\*\*

