

Patient Name	: Mr.HEERA LAL	Visit No	: CHA250035619
Age/Gender	: 52 Y/M	Registration ON	: 27/Feb/2025 03:48PM
Lab No	: 10132915	Sample Collected ON	: 27/Feb/2025 03:48PM
Referred By	: Dr.KGMU (ONCO)	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 27/Feb/2025 04:35PM

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 :** 1.2 cm.
(d) **EF :** 55 mm/sec (e) **EPSS :** 10 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 :** 2.9cms (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 : 2.1 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.9 cm (s) 1.2 cm

Motion : normal

LVPW (D) 0.7cm (s) 0.8 cm

Motion : Normal

LVID (D) 4.1cm (s) 3.4 cm

Ejection Fraction :36%

Fractional Shortening : 17 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
POOR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

GLOBAL HYPOKINESIA OF LV

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 = 0.3 a = 0.4	a > e	-	-	-
AORTIC	0.7	Normal	-	-	-
TRICUSPID	0.2	Normal	-	-	-
PULMONARY	0.5	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- POOR LV SYSTOLIC FUNCTION
- LVEF = 36 %
- GLOBAL HYPOKINESIA OF LV
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – ? ISCHEMIC CARDIOMYOPATHY

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***



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