

Patient Name	: Mr.DESHRAJ	Visit No	: CHA250046182
Age/Gender	: 55 Y/M	Registration ON	: 16/Mar/2025 09:51AM
Lab No	: 10143477	Sample Collected ON	: 16/Mar/2025 09:51AM
Referred By	: Dr.PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 16/Mar/2025 10:59AM

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** : 64 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** : 1.8cms (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** : 3.7 cms **Clot** : - **Others** :
Right Atrium : Normal **Clot** : - **Others** : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s) 1.1cm

LVPW (D) 1.1cm (s) 1.5 cm

LVID (D) 4.7 cm (s) 3.2cm

Motion : normal

Motion : Normal

Ejection Fraction :58%

Fractional Shortening : 31%

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
FAIR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

MID ANTERIOR , MID & APICAL SEPTUM
HYPOKINETIC

Apical 4 chamber View :

No LV CLOT

CHARAK



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 0.5 a = 0.7	a > e	-	-	-
AORTIC	0.8	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- FAIR LV SYSTOLIC FUNCTION
- LVEF = 58 %
- MID ANTERIOR , MID & APICAL SEPTUM HYPOKINETIC
- NO MR/TR
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – LAD TERRITORY HYPOKINETIC

DR. PANKAJ RASTOGI MD.DM



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*** End Of Report ***

