

Patient Name	: Ms.VIDYA DWIVEDI	Visit No	: CHA250043965
Age/Gender	: 70 Y/F	Registration ON	: 11/Mar/2025 02:26PM
Lab No	: 10141260	Sample Collected ON	: 11/Mar/2025 02:26PM
Referred By	: Dr.MUKESH BHAGAT	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 11/Mar/2025 05:32PM

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 : 1.8 cm.
(d) EF : 189 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 3.0 cms (b) Aortic Opening :1.5cms (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.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.6 cm (s) 1.1 cm

Motion : normal

LVPW (D) 0.7cm (s) 1.3 cm

Motion : Normal

LVID (D) 3.4 cm (s) 2.0 cm

Ejection Fraction : 70%

Fractional Shortening : 38 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

DILATED RA & RV
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



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 0.8 a = -	Normal	1	-	-
AORTIC	1.2	Normal	-	-	-
TRICUSPID	0.4	Normal	2	-	-
PULMONARY	1.2	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV MR
GR II/IV TR

CONCLUSIONS :

- DILATED RA & RV
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 70 %
- MILD MR
- MODERATE TR
- MODERATE PAH (PASP = 54 mmHg)
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

