

Patient Name	: Ms.GUDDI KASHYAP	Visit No	: CHA250035899
Age/Gender	: 58 Y/F	Registration ON	: 28/Feb/2025 08:44AM
Lab No	: 10133195	Sample Collected ON	: 28/Feb/2025 08:44AM
Referred By	: Dr.PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 28/Feb/2025 12:31PM

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 : 1.5 cm.
(d) EF : 48 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 : 1.6cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : Tricuspid, Normal

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 : 3.1 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) 0.8 cm

Motion : normal

LVPW (D) 1.1cm (s) 1.4 cm

Motion : Normal

LVID (D) 5.2 cm (s) 4.4 cm

Ejection Fraction :30%

Fractional Shortening : 14 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

MILDLY DILATED LV
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
NO P E

Contd.



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow (/4)	pattern	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.9 a = -	Normal	1	-	-	-
AORTIC	0.7	Normal	-	-	-	-
TRICUSPID	0.4	Normal	1	-	-	-
PULMONARY	0.6	Normal	-	-	-	-

OTHER HAEMODYNAMIC DATA

TR peak vel = 2.8m/sec ; RV-RA PSG = 31mmHg ; Expected PASP = 41 mmHg

COLOUR DOPPLER

GR I/IV MR
GR I / IV TR

CONCLUSIONS :

- MILDLY DILATED LV
- POOR LV SYSTOLIC FUNCTION
- LVEF = 30 %
- GLOBAL HYPOKINESIA OF LV
- MILD MR
- MILD TR
- NO CLOT / VEGETATION
- MODERATE PERICARDIAL EFFUSION
- BILATERAL LARGE PLEURAL EFFUSION

OPINION – DILATED CARDIOMYOPATHY

DR. PANKAJ RASTOGI MD.DM



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*** End Of Report ***

