

Patient Name	: Ms.KUMARI	Visit No	: CHA250041849
Age/Gender	: 55 Y/F	Registration ON	: 08/Mar/2025 01:04PM
Lab No	: 10139144	Sample Collected ON	: 08/Mar/2025 01:04PM
Referred By	: Dr.HARISH SETH	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 08/Mar/2025 05:45PM

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 : 1.7 cm.
(d) EF : 98mm/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 : 2.3cms (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 : 2.6 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)

RVOT

LEFT VENTRICLE :

LVIVS (D) 1.2 cm (s) 1.3 cm

Motion : normal

LVPW (D) 1.2cm (s) 1.4 cm

Motion : Normal

LVID (D) 4.4 cm (s) 3.6 cm

Ejection Fraction : 39%

Fractional Shortening : 18 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

CONCENTRIC LVH
POOR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL
MV - NORMAL

Mitral valve level :

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 (/4)	pattern Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.8 a = 0.8	Normal	1	-	-
AORTIC	1.5	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.1	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- CONCENTRIC LVH
- POOR LV SYSTOLIC FUNCTION
- LVEF = 39 %
- GLOBAL HYPOKINESIA OF LV
- NO MR/TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – ? ISCHEMIC CARDIOMYOPATHY

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

