

Patient Name : Ms.SUNITA DEVI Visit No : CHA250047152  
Age/Gender : 51 Y/F Registration ON : 17/Mar/2025 01:41PM  
**Lab No : 10144447** Sample Collected ON : 17/Mar/2025 01:41PM  
Referred By : Dr.KRISHNA KUMAR MITRA (CGHS) Sample Received ON :  
Refer Lab/Hosp : CGHS (DEBIT) Report Generated ON : 17/Mar/2025 04:40PM

**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 : 1.6cm.  
(d) EF : 93mm/sec (e) EPSS : 11mm (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 : 3.0cms (b) Aortic Opening : 2.0cms (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 : 2.4 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)  
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.7 cm (s) 1.0 cm

Motion : normal

LVPW (D) 0.6cm (s) 0.9 cm

Motion : Normal

LVID (D) 4.9 cm (s) 3.8 cm

Ejection Fraction : 43%

Fractional Shortening : 21%

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV,RV DIMENSIONS  
DEPRESSED 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 ( /4)	pattern	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.5 a = 0.7	a > e	-	-	-	-
AORTIC	1.0	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 DIMENSIONS
- DEPRESSED LV SYSTOLIC FUNCTION
- LVEF = 43 %
- GLOBAL HYPOKINESIA OF LV
- NO MR/ TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – ? ISCHEMIC CARDIOMYOPATHY**

**DR. RAJIV RASTOGI, MD,DM**

\*\*\* End Of Report \*\*\*

