

Patient Name	: Ms.NAMITA GUPTA	Visit No	: CHA250045363
Age/Gender	: 36 Y/F	Registration ON	: 13/Mar/2025 04:45PM
<b>Lab No</b>	<b>: 10142658</b>	Sample Collected ON	: 13/Mar/2025 04:45PM
Referred By	: Dr.NORTHERN RAILWAY	Sample Received ON	:
Refer Lab/Hosp	: CGHS (DEBIT)	Report Generated ON	: 13/Mar/2025 04:55PM

**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 : 1.4cm.  
(d) EF : 44 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 : 2.6cms (b) Aortic Opening : 1.7cms (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 : 2.4 cms	Clot : -	Others :
Right Atrium : Normal	Clot : -	Others : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**  
**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 0.8 cm (s) 1.2 cm

**Motion** : normal

**LVPW (D)** 0.8cm (s) 1.3 cm

**Motion** : Normal

**LVID (D)** 4.1 cm (s)2.3 cm

**Ejection Fraction** : 74%

**Fractional Shortening** : 43 %

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

NORMAL LV RV DIMENSION  
GOOD LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

AOV - NORMAL  
**PV - NORMAL**  
TV - NORMAL

**Mitral valve level** :

**SMALL PERIMEMBRANOUS VSD (Size 2 mm ) with L TO R flow**

**Papillary Muscle Level** :

**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 = 0.9 a = 0.5	Normal	-	-	-
AORTIC	1.3	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.4	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

FLOW ACROSS VSD = 4.7 M/SEC LV-RV PSG = 91 mmHg

**COLOUR DOPPLER**

LEFT TO RIGHT ACROSS VSD

**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 74 %
- NO RWMA
- SMALL PERIMEMBRANOUS VSD (Size 2 mm) with L TO R flow
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – SMALL PERIMEMBRANOUS VSD**

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

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

