

Patient Name	: Ms.MAMTA AGRAWAL	Visit No	: CHA250039082
Age/Gender	: 49 Y/F	Registration ON	: 04/Mar/2025 03:19PM
<b>Lab No</b>	<b>: 10136377</b>	Sample Collected ON	: 04/Mar/2025 03:19PM
Referred By	: Dr.MAHENDRA KUMAR GOEL	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 04/Mar/2025 03:43PM

**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 : 1.2cm.
- (d) EF : 99 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 : 2.7cms                      (b) Aortic Opening : 1.8cms                      (c) Closure: Central
- (d) Calcium : -                      (e) Eccentricity Index : 1                      (f) Vegetation : -
- (g) Valve Structure : Tricuspid,

3. **PULMONARY VALVE STUDY**

- (a) EF Slope : -                      Normal                      (b) A Wave : +                      (c) MSN : -
- (D) Thickness :                      (e) Others :

4. **TRICUSPID VALVE** : Normal

5. **SEPTAL AORTIC CONTINUITY**

Left Atrium : 2.4 cms  
Right Atrium : Normal

6. **AORTIC MITRAL CONTINUITY**

Clot : -                      Others :  
Clot : -                      Others : -

Contd.....

CHARAK



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**VENTRICLES**

**RIGHT VENTRICLE** : Normal

RVD (D)  
RVOT

**LEFT VENTRICLE** :

LVIVS (D) 1.1 cm (s) 1.7 cm

LVPW (D) 1.1cm (s)1.5 cm

LVID (D)3.4 cm (s) 2.0 cm

Motion : normal

Motion : Normal

Ejection Fraction : 72 %

Fractional Shortening : 40%

**Parasternal Long axis view** :

**TOMOGRAPHIC VIEWS**

CONCENTRIC LVH  
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  
NO P E

**CHARAK**

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<b>PERICARDIUM</b>					
Normal					
<b>DOPPLER STUDIES</b>					
	Velocity (m/sec)	Flow pattern ( /4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.9 a = 0.9	Normal	-	-	-
<b>AORTIC</b>	<b>1.3</b>	<b>Normal</b>	-	-	-
TRICUSPID	0.5	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

**COLOUR DOPPLER**

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

**CONCLUSIONS** :

- V. POOR ECHO WINDOW
- CONCENTRIC LVH
- GOOD LV SYSTOLIC FUNCTION
- LVEF =72 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION** – CONCENTRIC LVH

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

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

