

Patient Name	: Mr.ATUL GUPTA	Visit No	: CHA250038966
Age/Gender	: 30 Y/M	Registration ON	: 04/Mar/2025 01:21PM
<b>Lab No</b>	<b>: 10136261</b>	Sample Collected ON	: 04/Mar/2025 01:21PM
Referred By	: Dr.MOHD TAUSEEF ALVI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 04/Mar/2025 06:54PM

**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 : 149 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 : 3.9cms (b) Aortic Opening : 2.8cms (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 : 3.4 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



Patient Name	: Mr.ATUL GUPTA	Visit No	: CHA250038966
Age/Gender	: 30 Y/M	Registration ON	: 04/Mar/2025 01:21PM
<b>Lab No</b>	<b>: 10136261</b>	Sample Collected ON	: 04/Mar/2025 01:21PM
Referred By	: Dr.MOHD TAUSEEF ALVI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 04/Mar/2025 06:54PM

VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**

**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 1.5 cm (s) 1.8cm

**Motion** : normal

**LVPW (D)** 1.5cm (s) 1.7 cm

**Motion** : Normal

**LVID (D)** 5.1 cm (s) 3.9 cm

**Ejection Fraction** :47%

**Fractional Shortening** : 23 %

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

CONCENTRIC LVH  
MILDLY DEPRESSED LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

AOV - NORMAL

**PV - NORMAL**

TV - NORMAL

MV - NORMAL

**Mitral valve level** :

**Papillary Muscle Level** :

MILD GLOBAL HYPOKINESIA OF LV

**Apical 4 chamber View** :

No LV CLOT



Patient Name	: Mr.ATUL GUPTA	Visit No	: CHA250038966
Age/Gender	: 30 Y/M	Registration ON	: 04/Mar/2025 01:21PM
<b>Lab No</b>	<b>: 10136261</b>	Sample Collected ON	: 04/Mar/2025 01:21PM
Referred By	: Dr.MOHD TAUSEEF ALVI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 04/Mar/2025 06:54PM

**PERICARDIUM**

Normal

**DOPPLER STUDIES**

Velocity (m/sec)	Flow pattern ( /4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL e = 0.7 a = 0.4	Normal	1	-	-
AORTIC 1.0	Normal	-	-	-
TRICUSPID 0.3	Normal	-	-	-
PULMONARY 0.8	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

GR I / IV MR

**CONCLUSIONS :**

- CONCENTRIC LVH
- MILDLY DEPRESSED LV SYSTOLIC FUNCTION
- LVEF = 47 %
- MILD GLOBAL HYPOKINESIA OF LV
- MILD MR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

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

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

