

Patient Name : Ms. TARA GUPTA Visit No : CHA250046282
Age/Gender : 68 Y/F Registration ON : 16/Mar/2025 11:38AM
Lab No : 10143577 Sample Collected ON : 16/Mar/2025 11:38AM
Referred By : Dr. NIRUPAM PRAKASH Sample Received ON :
Refer Lab/Hosp : CGHS (BILLING) Report Generated ON : 16/Mar/2025 12:45PM

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 : 102mm/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 : 2.8cms (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 : - (b) A Wave : + (c) MSN : -

(D) Thickness : (e) Others :

4. TRICUSPID VALVE : Normal

5. SEPTAL AORTIC CONTINUITY 6. AORTIC MITRAL CONTINUITY

Left Atrium : 3.7 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.9 cm (s) 1.1 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.3cm

Motion : Normal

LVID (D) 4.3cm (s) 2.4 cm

Ejection Fraction :75%

Fractional Shortening : 44 %

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 :

MV - NORMAL

Papillary Muscle Level :

NO RWMA

Apical 4 chamber View :

No LV CLOT

CHARAK



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 1.0 a = 1.1	a > e	Trivial	-	-
AORTIC	0.8	Normal	-	-	-
TRICUSPID	0.4	Normal	Trivial	-	-
PULMONARY	1.0	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

TR peak vel = 2.5m/sec ; RV-RA PSG = 25mmHg ; Expected PASP = 35 mmHg

COLOUR DOPPLER

TRIVIAL MR
TRIVIAL TR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 75 %
- NO RWMA
- TRIVIAL MR
- TRIVIAL TR
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION
- BILATERAL LARGE PLEURAL EFFUSION

DR. PANKAJ RASTOGI MD.DM

*** End Of Report ***



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