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|----------------|--------------------|---------------------|------------------------|
| Patient Name | : Ms.SHANTI | Visit No | : CHA250038273 |
| Age/Gender | : 52 Y/F | Registration ON | : 03/Mar/2025 02: 15PM |
| Lab No | : 10135568 | Sample Collected ON | : 03/Mar/2025 02: 15PM |
| Referred By | : Dr.GUFRAN RASHID | Sample Received ON | : |
| Refer Lab/Hosp | : CHARAK NA | Report Generated ON | : 03/Mar/2025 05: 28PM |

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 : 1.5 cm.
(d) EF : 142 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 : 3.0cms (b) Aortic Opening : 1.7cms (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 : 2.9 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) 1.5 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.2 cm

Motion : Normal

LVID (D) 4.6cm (s) 2.9 cm

Ejection Fraction : 66%

Fractional Shortening : 36 %

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

MV - NORMAL

Mitral valve level :

Papillary Muscle Level :

NO RWMA

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 = 0.8 a = 0.5 | Normal | - | - | - |
| AORTIC 1.3 | Normal | - | - | - |
| TRICUSPID 0.6 | Normal | - | - | - |
| PULMONARY 0.8 | Normal | - | - | - |

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 66 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

