

| | | | |
|----------------|-------------------|---------------------|-----------------------|
| Patient Name | : Mr.QAMAR AHMAD | Visit No | : CHA250038345 |
| Age/Gender | : 50 Y/M | Registration ON | : 03/Mar/2025 03:30PM |
| Lab No | : 10135640 | Sample Collected ON | : 03/Mar/2025 03:30PM |
| Referred By | : Dr.SELF | Sample Received ON | : |
| Refer Lab/Hosp | : CHARAK NA | Report Generated ON | : 03/Mar/2025 04:15PM |

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 :1.9 cm.
(d) EF 105 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 :2.8cms (b) Aortic Opening :2.0 cms (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 : 3.0 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



| | | | |
|----------------|-------------------|---------------------|-----------------------|
| Patient Name | : Mr.QAMAR AHMAD | Visit No | : CHA250038345 |
| Age/Gender | : 50 Y/M | Registration ON | : 03/Mar/2025 03:30PM |
| Lab No | : 10135640 | Sample Collected ON | : 03/Mar/2025 03:30PM |
| Referred By | : Dr.SELF | Sample Received ON | : |
| Refer Lab/Hosp | : CHARAK NA | Report Generated ON | : 03/Mar/2025 04:15PM |

VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s) 1.5 cm

Motion : normal

LVPW (D) 0.8cm (s) 1.7cm

Motion : Normal

LVID (D) 4.5 cm (s) 2.7 cm

Ejection Fraction : 70%

Fractional Shortening : 40%

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 - PROLAPSE PML

Papillary Muscle Level :

NO RWMA

Apical 4 chamber View :

No LV CLOT

CHARAK



| | | | |
|----------------|-------------------|---------------------|-----------------------|
| Patient Name | : Mr.QAMAR AHMAD | Visit No | : CHA250038345 |
| Age/Gender | : 50 Y/M | Registration ON | : 03/Mar/2025 03:30PM |
| Lab No | : 10135640 | Sample Collected ON | : 03/Mar/2025 03:30PM |
| Referred By | : Dr.SELF | Sample Received ON | : |
| Refer Lab/Hosp | : CHARAK NA | Report Generated ON | : 03/Mar/2025 04:15PM |

PERICARDIUM

Normal

DOPPLER STUDIES

| | Velocity (m/sec) | Flow pattern (/4) | Regurgitation | Gradient (mm Hg) | Valve area (cm ²) |
|-----------|---------------------|-----------------------|---------------|---------------------|----------------------------------|
| MITRAL | e = 0.7 a = 0.6 | Normal | 1 | - | - |
| AORTIC | 1.4 | Normal | - | - | - |
| TRICUSPID | 0.4 | Normal | - | - | - |
| PULMONARY | 1.3 | Normal | - | - | - |

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV MR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 70 %
- NO RWMA
- MV - PROLAPSE PML
- MILD MR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

