

|                |                    |                     |                       |
|----------------|--------------------|---------------------|-----------------------|
| Patient Name   | : Mrs. AISHA KHAN  | Visit No            | : CHA250036332        |
| Age/Gender     | : 65 Y O M O D /F  | Registration ON     | : 28/Feb/2025 03:21PM |
| <b>Lab No</b>  | <b>: 10133628</b>  | Sample Collected ON | : 28/Feb/2025 03:21PM |
| Referred By    | : Dr.MOHAMMAD AMIR | Sample Received ON  | :                     |
| Refer Lab/Hosp | : CHARAK NA        | Report Generated ON | : 28/Feb/2025 05:32PM |

**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 : 1.3cm.  
(d) EF 58 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 :2.5cms (b) Aortic Opening :1.0cms (c) Closure: Central  
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -  
(g) Valve Structure : THICK , CALCIFIC

3. **PULMONARY VALVE STUDY** Normal

- (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.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**

**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 0.8 cm (s) 1.4 cm

**Motion** : normal

**LVPW (D)** 1.0cm (s) 1.6 cm

**Motion** : Normal

**LVID (D)** 4.6 cm (s) 2.7 cm

**Ejection Fraction** :71%

**Fractional Shortening** : 41 %

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

DILATED LA  
GOOD LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

AOV - THICK , CALCIFIC

**PV - NORMAL**

TV - NORMAL

**Mitral valve level** :

MV - ANNULAR CALCIFICATION +

**Papillary Muscle Level** :

NO RWMA

**Apical 4 chamber View** :

No LV CLOT



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**PERICARDIUM**

Normal

**DOPPLER STUDIES**

|           | Velocity<br>(m/sec) | Flow pattern<br>( /4) | Regurgitation | Gradient<br>(mm Hg) | Valve area<br>(cm 2) |
|-----------|---------------------|-----------------------|---------------|---------------------|----------------------|
| MITRAL    | e = 1.7<br>a = 1.3  | Normal                | 1             | -                   | -                    |
| AORTIC    | 3.7                 | Normal                | -             | Mx=56               | -                    |
| TRICUSPID | 0.6                 | Normal                | 1             | -                   | -                    |
| PULMONARY | 1.0                 | Normal                | -             | -                   | -                    |

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

GR I/IV MR  
GR I/IV TR

**CONCLUSIONS :**

- DILATED LA
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 71 %
- MODERATE CALCIFIC AORTIC STENOSIS (PSG= 56 mmHg)
- MILD MR
- MILD TR
- MILD PAH (PASP = 42 mmHg)
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

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

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



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