

Patient Name	: Mr.ARSHAD KHAN	Visit No	: CHA250039493
Age/Gender	: 40 Y/M	Registration ON	: 05/Mar/2025 09: 48AM
Lab No	: 10136788	Sample Collected ON	: 05/Mar/2025 09: 48AM
Referred By	: Dr.GUFRAN RASHID	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 05/Mar/2025 11:04AM

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 : 100 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 : 3.3cms (b) Aortic Opening : 1.7cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : Tricuspid,

3. **PULMONARY VALVE STUDY**

Normal (b) A Wave : + (c) MSN : -
(a) EF Slope : - (e) Others :
(D) Thickness :

4. **TRICUSPID VALVE :**

Normal

5. **SEPTAL AORTIC CONTINUITY**

Left Atrium : 2.6 cms
Right Atrium : Normal

6. **AORTIC MITRAL CONTINUITY**

Clot : - Others :
Clot : - Others : -

Contd.....

CHARAK



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0 cm (s) 1.4cm

Motion : normal

LVPW (D) 0.9cm (s) 1.5 cm

Motion : Normal

LVID (D) 4.0 cm (s) 2.3 cm

Ejection Fraction : 73%

Fractional Shortening : 42%

Parasternal Long axis view :

TOMOGRAPHIC VIEWS

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

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PERICARDIUM
Normal
DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.7 a = 0.7	Normal	-	-	-
AORTIC	1.1	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.9	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 73 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. PANKAJ RASTOGI MD.DM

*** End Of Report ***

