

Patient Name	: Mr.MOHD FAROOQ	Visit No	: CHA250038226
Age/Gender	: 42 Y/M	Registration ON	: 03/Mar/2025 01:39PM
Lab No	: 10135521	Sample Collected ON	: 03/Mar/2025 01:39PM
Referred By	: Dr.RAJIV RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 03/Mar/2025 05:20PM

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 :** 2.1 cm.
(d) **EF** 93 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** :3.1cms (b) **Aortic Opening** :1.9cms (c) **Closure:** Central
(d) **Calcium :** - (e) **Eccentricity Index :** 1 (f) **Vegetation :** -

(g) **Valve Structure :** Tricuspid,

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 :3.2 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0 cm (s) 1.7 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.1 cm

Motion : Normal

LVID (D) 5.4 cm (s) 3.9 cm

Ejection Fraction : 51%

Fractional Shortening : 26 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
FAIR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

HYPOKINESIA OF INFERIOR IVS & INFERIOR LV WALL (PDA TERRITORY)

Papillary Muscle Level :

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 = 0.7	Normal	1	-	-
AORTIC	1.4	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.7	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV MR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- FAIR LV SYSTOLIC FUNCTION
- LVEF = 51 %
- HYPOKINESIA OF INFERIOR IVS & INFERIOR LV WALL (PDA TERRITORY)
- MILD MR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

