

Patient Name	: Mr.MOHD MUBEEN	Visit No	: CHA250046659
Age/Gender	: 68 Y/M	Registration ON	: 17/Mar/2025 09: 18AM
Lab No	: 10143954	Sample Collected ON	: 17/Mar/2025 09: 18AM
Referred By	: Dr.P2	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 17/Mar/2025 11: 30AM

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 : 1.8 cm.
(d) EF : 40 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 : 2.9cms (b) Aortic Opening : 1.9cms (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 : 5.1 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.9 cm (s)1.2cm

Motion : normal

LVPW (D) 1.0cm (s) 1.5 cm

Motion : Normal

LVID (D) 0.7 cm (s) 6.1 cm

Ejection Fraction :37%

Fractional Shortening : 18%

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

DILATED LV
POOR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

GLOBAL HYPOKINESIA OF LV

Apical 4 chamber View :

No LV CLOT



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PERICARDIUM
Normal
DOPPLER STUDIES

	Velocity (m/sec)	Flow (/4)	pattern	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.5 a = 1.0	a > e	1	-	-	-
AORTIC	1.4	Normal	-	-	-	-
TRICUSPID	0.4	Normal	-	-	-	-
PULMONARY	1.0	Normal	-	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV MR

CONCLUSIONS :

- DILATED LV
- POOR LV SYSTOLIC FUNCTION
- LVEF = 61 %
- GLOBAL HYPOKINESIA OF LV
- MILD MR
- a > e, DIASTOLIC DYSFUNCTION
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – DILATED CARDIOMYOPATHY

DR. PANKAJ RASTOGI MD.DM

*** End Of Report ***

