

Patient Name	: Mr.SALMAN	Visit No	: CHA250041322
Age/Gender	: 44 Y/M	Registration ON	: 07/Mar/2025 03:05PM
Lab No	: 10138617	Sample Collected ON	: 07/Mar/2025 03:05PM
Referred By	: Dr.RAJIV RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 07/Mar/2025 04:34PM

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 81 mm/sec (e) EPSS :38 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 :2.1cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : Tricuspid, Normal

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.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.6 cm (s) 0.6 cm

Motion : normal

LVPW (D) 1.0cm (s) 1.1 cm

Motion : Normal

LVID (D) 7.3 cm (s) 6.5 cm

Ejection Fraction : 22%

Fractional Shortening : 10 %

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 = 0.8	a > e	-	-	-
AORTIC	1.4	Normal	2	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR II/IV AR

CONCLUSIONS :

- DILATED LV
- POOR LV SYSTOLIC FUNCTION
- LVEF = 61 %
- GLOBAL HYPOKINESIA OF LV
- MODERATE AR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – DILATED CARDIOMYOPATHY

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

