

Patient Name	: Mr.RADHEY SHYAM	Visit No	: CHA250045566
Age/Gender	: 72 Y/M	Registration ON	: 15/Mar/2025 06:58AM
Lab No	: 10142861	Sample Collected ON	: 15/Mar/2025 06:58AM
Referred By	: Dr.PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 15/Mar/2025 11:05AM

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 :1.5 cm.
(d) EF :56 mm/sec (e) EPSS : 25 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 :1.3cms (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 : 4.0 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) 0.9cm (s) 1.3cm

Motion : Normal

LVID (D) 5.9 cm (s) 5.1 cm

Ejection Fraction :30%

Fractional Shortening : 14 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

DILATED LV
POOR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL
MV - NORMAL

Mitral valve level :

GLOBAL HYPOKINESIA OF LV
ANTERIOR IVS & APEX SCARRED & AKINETIC

Papillary Muscle Level :

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 = 0.4 a = 0.9	a > e	1	-	-	-
AORTIC	0.8	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 = 30 %
- GLOBAL HYPOKINESIA OF LV
- ANTERIOR IVS & APEX SCARRED & AKINETIC
- MILD MR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION - DILATED CARDIOMYOPATHY ; ISCHEMIC

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

