

Patient Name	: Mr.CHAND MOHD	Visit No	: CHA250040240
Age/Gender	: 65 Y/M	Registration ON	: 06/Mar/2025 09: 10AM
Lab No	: 10137535	Sample Collected ON	: 06/Mar/2025 09: 10AM
Referred By	: Dr.B HOPE HOSPITAL **	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 06/Mar/2025 10: 01AM

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 : 1.9 cm.
(d) EF : 50 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 : 1.5cms (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 : 3.8 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) 0.8cm

Motion : normal

LVPW (D) 1.1cm (s) 1.5 cm

Motion : Normal

LVID (D) 4.8 cm (s) 3.6 cm

Ejection Fraction 55%

Fractional Shortening : 29%

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

**MID ANTERIOR , MID & APICAL SEPTUM SCARRED
&HYPOKINETIC**

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 = 0.7 a = 0.6	Normal	-	-	-
AORTIC	0.6	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- FAIR LV SYSTOLIC FUNCTION
- LVEF = 55 %
- MID ANTERIOR , MID & APICAL SEPTUM SCARRED &HYPOKINETIC
- NO MR/TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSSION

OPINION – LAD TERRITORY DISTAL TO S1 SCARRED & HYPOKINETIC

DR. PANKAJ RASTOGI MD.DM

*** End Of Report ***

