

Patient Name	: Ms. UMEERUN	Visit No	: CHA250033438
Age/Gender	: 58 Y O M O D /F	Registration ON	: 24/Feb/2025 04:51PM
Lab No	: 10130734	Sample Collected ON	: 24/Feb/2025 04:51PM
Referred By	: Dr.EZAJ KHAN	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 24/Feb/2025 07:10PM

ECG -REPORT

RATE : 68 bpm

* RHYTHM : Normal

* P wave : Normal

* PR interval : Normal

* QRS Axis : Normal

Duration : Normal

Configuration : Normal

* ST-T Changes : None

* QT interval :

* QTc interval : Sec.

* Other :

OPINION: ECG WITH IN NORMAL LIMITS
(FINDING TO BE CORRELATED CLINICALLY)

[DR. RAJIV RASTOGI, MD, DM]

CHARAK



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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 : 1.1 cm.
(d) EF : 60 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 : 2.8cms (b) Aortic Opening : 1.8cms (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 : 2.6 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8cm (s) 1.0 cm

Motion : normal

LVPW (D) 0.8cm (s) 1.2 cm

Motion : Normal

LVID (D) 4.6 cm (s) 3.6 cm

Ejection Fraction : 42%

Fractional Shortening : 20 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
DEPRESSED LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

GLOBAL HYPOKINESIA OF LV

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 = 0.3 a = 0.5	a > e	-	-	-
AORTIC	1.3	Normal	1	-	-
TRICUSPID	0.2	Normal	-	-	-
PULMONARY	0.7	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV AR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- DEPRESSED LV SYSTOLIC FUNCTION
- LVEF = 42 %
- GLOBAL HYPOKINESIA OF LV
- MILD AR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

