

Patient Name : Ms.MAYA DEVI	Visit No : CHA250043019
Age/Gender : 62 Y/F	Registration ON : 10/Mar/2025 12: 58PM
Lab No : 10140314	Sample Collected ON : 10/Mar/2025 01:00PM
Referred By : Dr.YUSUF ANSARI	Sample Received ON : 10/Mar/2025 01:02PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 10/Mar/2025 01:40PM
Doctor Advice : 2D ECHO,PRO-BNP	



Test Name	Result	Unit	Bio. Ref. Range	Method
PRO-BNP				

BNP (B type Natriuretic Peptide) 102.00

EXPECTED VALUES :- Expected values for blood donors (97.5 percentile)

	< 50years	N	> 50 years	N
WOMEN :	155 pg/ml	887	222pg/ml	248
MEN :	84 pg/ml	1381	194 pg/ml	432

*** End Of Report ***

CHARAK

[Checked By]



Print.Date/Time: 10-03-2025 16:30:13

*Patient Identity Has Not Been Verified. Not For Medicolegal

Sharma

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADAB
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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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** : 1.8 cm.
 (d) **EF** : 55 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** : 1.9cms (c) **Closure**: Central
 (d) **Calcium** : - (e) **Eccentricity Index** : 1 (f) **Vegetation** : -

(g) **Valve Structure** : Tricuspid,

3. **PULMONARY VALVE STUDY** Normal

- (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 : 2.8 cms

Clot : -

Others :

Right Atrium : Normal

Clot : -

Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0 cm (s) 1.6 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.6 cm

Motion : Normal

LVID (D) 5.4 cm (s) 3.4 cm

Ejection Fraction :65%

Fractional Shortening : 36 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :
PV - NORMAL

AOV - NORMAL

TV - NORMAL

MV - NORMAL

Mitral valve level :

Papillary Muscle Level : NO RWMA

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 = 1.0 a = 1.0	Normal	-	-	-
AORTIC	1.6	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
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 65 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

