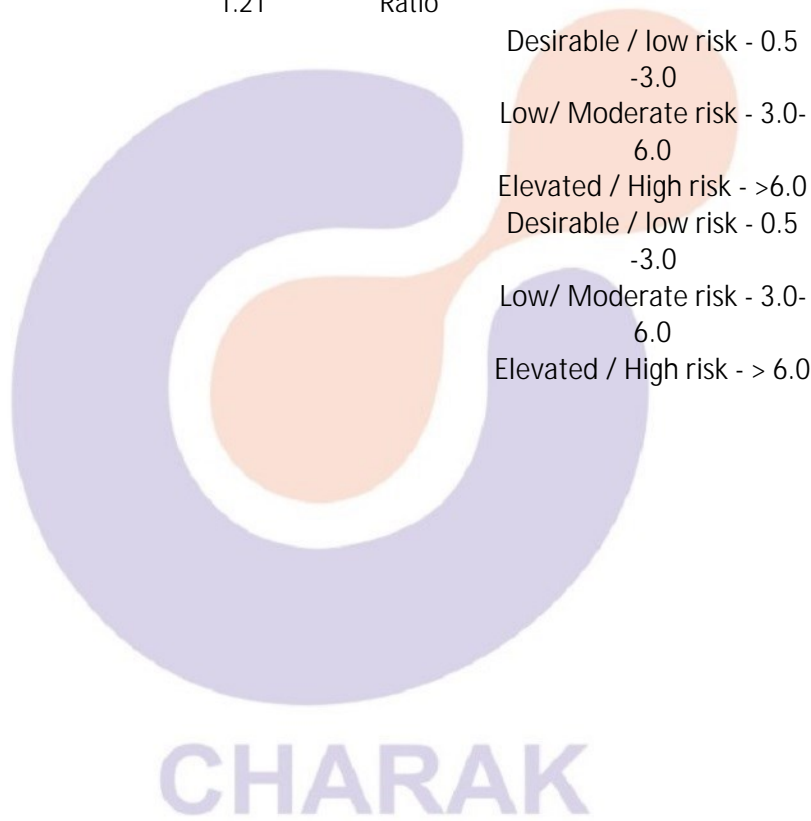


Patient Name : Ms.VIMLA DEVI	Visit No : CHA250042501
Age/Gender : 40 Y/F	Registration ON : 09/Mar/2025 01:56PM
Lab No : 10139796	Sample Collected ON : 09/Mar/2025 01:58PM
Referred By : Dr.P2	Sample Received ON : 09/Mar/2025 02:28PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 09/Mar/2025 04:28PM
Doctor Advice : CREATININE,UREA,NA+K+,LFT,LIPID-PROFILE,HB,2D ECHO	



Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID-PROFILE				
Cholesterol/HDL Ratio	2.96	Ratio		Calculated
LDL / HDL RATIO	1.21	Ratio		Calculated



Desirable / low risk - 0.5
-3.0
Low/ Moderate risk - 3.0-
6.0
Elevated / High risk - >6.0
Desirable / low risk - 0.5
-3.0
Low/ Moderate risk - 3.0-
6.0
Elevated / High risk - > 6.0

[Checked By]



Print.Date/Time: 09-03-2025 17:40:36

*Patient Identity Has Not Been Verified. Not For Medicolegal

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADABKHAN
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
HAEMOGLOBIN				
Hb	8.8	g/dl	12 - 15	Non Cyanide
Comment: Hemoglobin screening helps to diagnose conditions that affect RBCs such as anemia or polycythemia.				
NA+K+				
SODIUM Serum	136.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.0	MEq/L	3.5 - 5.5	ISE Direct
BLOOD UREA				
BLOOD UREA	24.50	mg/dl	15 - 45	Urease, UV, Serum
SERUM CREATININE				
CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	1.24	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	0.23	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	1.01	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	75.90	U/L	30 - 120	PNPP, AMP Buffer
SGPT	13.0	U/L	5 - 40	UV without P5P
SGOT	18.0	U/L	5 - 40	UV without P5P

CHARAK



[Checked By]



Shadab Khan

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Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID-PROFILE				
TOTAL CHOLESTEROL	132.10	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High:>/=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	167.20	mg/dL	Normal: <150 mg/dl Borderline-high:150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Serum, Enzymatic, endpoint
H D L CHOLESTEROL	44.70	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	54.00	mg/dL	Optimal:<100 mg/dl Near Optimal:100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High:>/= 190 mg/dl	CO-PAP
VLDL	33.40	mg/dL	10 - 40	Calculated

*** End Of Report ***

CHARAK



[Checked By]



Shadab Khan

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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** : 2.0 cm.
 (d) **EF** 101 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** :3.1cms (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 : 3.2 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) 1.1cm

Motion : normal

LVPW (D) 0.7cm (s) 1.2 cm

Motion : Normal

LVID (D) 4.6 cm (s) 2.8 cm

Ejection Fraction :69%

Fractional Shortening : 39 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

NO RWMA

Apical 4 chamber View :

No LV CLOT
NO P E

Contd.



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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 = 0.5	Normal	-	-	-
AORTIC	1.5	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 = 69 %
- 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 ***

