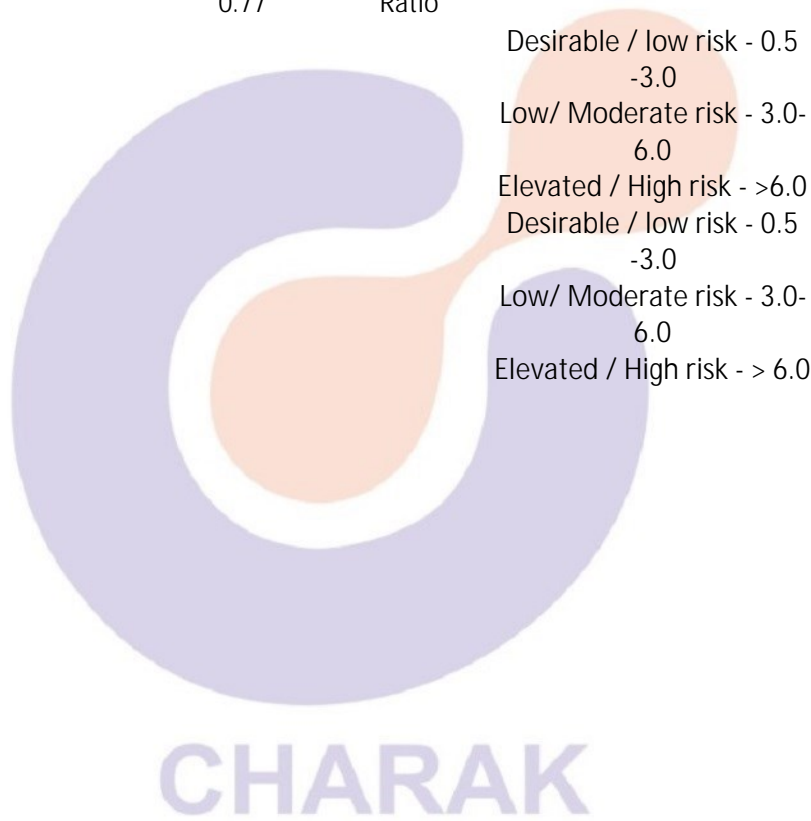


Patient Name : Ms.SHAKTI SRIVASTAVA	Visit No : CHA250034859
Age/Gender : 49 Y/F	Registration ON : 26/Feb/2025 02:18PM
Lab No : 10132155	Sample Collected ON : 26/Feb/2025 02:28PM
Referred By : Dr.VIKAS RAO	Sample Received ON : 26/Feb/2025 02:41PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 26/Feb/2025 04:05PM
Doctor Advice : LIPID-PROFILE,CREATININE,CBC (WHOLE BLOOD),2D ECHO COLOUR	



Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID-PROFILE				
Cholesterol/HDL Ratio	2.07	Ratio		Calculated
LDL / HDL RATIO	0.77	Ratio		Calculated



[Checked By]



Sharma

DR. NISHANT SHARMA DR. SHADAB Dr. SYED SAIF AHMAD
PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)

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Lab No : 10132155	Sample Collected ON : 26/Feb/2025 02: 28PM
Referred By : Dr. VIKAS RAO	Sample Received ON : 26/Feb/2025 02: 40PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 26/Feb/2025 04: 34PM
Doctor Advice : LIPID-PROFILE, CREATININE, CBC (WHOLE BLOOD), 2D ECHO COLOUR	



Test Name	Result	Unit	Bio. Ref. Range	Method
CBC (COMPLETE BLOOD COUNT)				
Hb	10.9	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.60	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	37.2	%	36 - 45	Pulse height detection
MCV	81.4	fL	80 - 96	calculated
MCH	23.9	pg	27 - 33	Calculated
MCHC	29.3	g/dL	30 - 36	Calculated
RDW	17.6	%	11 - 15	RBC histogram derivation
RETIC	1.0 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	12580	/cmm	4000 - 10000	Flocytometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	69	%	40 - 75	Flowcytometry
LYMPHOCYTES	21	%	25 - 45	Flowcytometry
EOSINOPHIL	6	%	1 - 6	Flowcytometry
MONOCYTE	4	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	334,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	334000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	8,680	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	2,642	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	755	/cmm	20-500	Calculated
Absolute Monocytes Count	503	/cmm	200-1000	Calculated
Mentzer Index	18			
Peripheral Blood Picture	:			

Red blood cells are microcytic hypochromic, normocytic normochromic with anisocytosis+. WBCs show leucocytosis. Platelets are adequate. No parasite seen.



[Checked By]



Shakti

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Test Name	Result	Unit	Bio. Ref. Range	Method
SERUM CREATININE				
CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
LIPID-PROFILE				
TOTAL CHOLESTEROL	157.90	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High: >=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	112.00	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	76.40	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	59.10	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	22.40	mg/dL	10 - 40	Calculated

*** End Of Report ***



[Checked By]



Sham

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.cm.
 (d) EF 111 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,

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 : 2.6 cms Clot : - Others :
 Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s)1.2 cm

Motion : normal

LVPW (D) 0.7cm (s) 1.4cm

Motion : Normal

LVID (D) 3.1 cm (s)1.7 cm

Ejection Fraction :76%

Fractional Shortening : 44 %

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



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PERICARDIUM
Normal
DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/ 4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.8 a = 0.7	Normal	-	-	-
AORTIC	1.1	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 76 %
- 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 ***

