

Patient Name : Mr.RAVINDRA NATH YADAV	Visit No : CHA250035293
Age/Gender : 56 Y/M	Registration ON : 27/Feb/2025 10:53AM
Lab No : 10132589	Sample Collected ON : 27/Feb/2025 10:55AM
Referred By : Dr.MANISH MAURYA	Sample Received ON : 27/Feb/2025 11:17AM
Refer Lab/Hosp : CGHS (BILLING)	Report Generated ON : 27/Feb/2025 12:12PM
Doctor Advice : 2D ECHO,PP,FASTING,LIPID-PROFILE,HBA1C (EDTA),NA+K+,CREATININE,HB	



Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C				
Glycosylated Hemoglobin (HbA1c)	6.0	%	4 - 5.7	HPLC (EDTA)

NOTE:-

Glycosylated Hemoglobin Test (HbA1c) is performed in this laboratory by the Gold Standard Reference method, ie: HPLC Technology (High performance Liquid Chromatography D10) from Bio-Rad Laboratories. USA.

EXPECTED (RESULT) RANGE :

Bio system	Degree of normal
4.0 - 5.7 %	Normal Value (OR) Non Diabetic
5.8 - 6.4 %	Pre Diabetic Stage
> 6.5 %	Diabetic (or) Diabetic stage
6.5 - 7.0 %	Well Controlled Diabet
7.1 - 8.0 %	Unsatisfactory Control
> 8.0 %	Poor Control and needs treatment

LIPID-PROFILE

Cholesterol/HDL Ratio	2.48	Ratio	Calculated
LDL / HDL RATIO	0.84	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: 27-02-2025 15:02:47

*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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Test Name	Result	Unit	Bio. Ref. Range	Method
HAEMOGLOBIN				
Hb	12.7	g/dl	12 - 15	Non Cyanide
Comment: Hemoglobin screening helps to diagnose conditions that affect RBCs such as anemia or polycythemia.				
FASTING				
Blood Sugar Fasting	98.0	mg/dl	70 - 110	Hexokinase
PP				
Blood Sugar PP	127.9	mg/dl	up to - 170	Hexokinase
NA+K+				
SODIUM Serum	142.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	3.9	MEq/L	3.5 - 5.5	ISE Direct
SERUM CREATININE				
CREATININE	0.90	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

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[Checked By]



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Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID-PROFILE				
TOTAL CHOLESTEROL	109.70	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High:>/=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	142.00	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	44.20	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	37.10	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	28.40	mg/dL	10 - 40	Calculated

*** End Of Report ***

CHARAK



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Sharma

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PATHOLOGIST

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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** : 1.5 cm.

(d) **EF** 78 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** :3.2cms (b) **Aortic Opening** :2.0cms (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 : 3.5 cms **Clot** : - **Others** :
Right Atrium : Normal **Clot** : - **Others** : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)

RVOT

LEFT VENTRICLE :

LVIVS (D) 1.1 cm (s)1.5 cm

Motion : normal

LVPW (D) 1.1cm (s) 1.5 cm

Motion : Normal

LVID (D) 5.2 cm (s) 3.2 cm

Ejection Fraction :67%

Fractional Shortening : 37 %

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

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 = 0.5 a = 0.6	a > e	-	-	-
AORTIC	1.0	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 = 6 %
- NO RWMA
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

