

Patient Name : Ms.PUSHPA TANDON	Visit No : CHA250036639
Age/Gender : 58 Y/F	Registration ON : 01/Mar/2025 07:17AM
Lab No : 10133935	Sample Collected ON : 01/Mar/2025 07:19AM
Referred By : Dr.P2	Sample Received ON : 01/Mar/2025 08:04AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 01/Mar/2025 10:05AM
Doctor Advice : 2D ECHO,FASTING,HBA1C (EDTA),NA+K+,CREATININE,UREA,LIPID-PROFILE	



Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C				
Glycosylated Hemoglobin (HbA1c)	8.3	%	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	6.04	Ratio	Calculated
LDL / HDL RATIO	3.50	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: 01-03-2025 13:35:07

*Patient Identity Has Not Been Verified. Not For Medicolegal

Sharma

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

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Test Name	Result	Unit	Bio. Ref. Range	Method
FASTING				
Blood Sugar Fasting	221.0	mg/dl	70 - 110	Hexokinase
NA+K+				
SODIUM Serum	137.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	3.8	MEq/L	3.5 - 5.5	ISE Direct
BLOOD UREA				
BLOOD UREA	20.00	mg/dl	15 - 45	Urease, UV, Serum
SERUM CREATININE				
CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
LIPID-PROFILE				
TOTAL CHOLESTEROL	243.00	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High: >=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	311.00	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	40.20	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	140.60	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	62.20	mg/dL	10 - 40	Calculated

*** End Of Report ***



[Checked By]



Sham

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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** 44 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** :2.6cms (b) **Aortic Opening** :1.7cms (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 : 3.6 cms

Clot : -

Others :

Right Atrium : Normal

Clot : -

Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)

RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0 cm (s) 1.4 cm

Motion : normal

LVPW (D) 1.0cm (s) 2.0 cm

Motion : Normal

LVID (D) 4.8 cm (s)3.2 cm

Ejection Fraction :62%

Fractional Shortening : 33%

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 = 0.6 a = 1.0	a > e	-	-	-
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 = 62 %
- NO RWMA
- a > e, DIASTOLIC DYSFUNCTION
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

