

Patient Name : Mr. SUSHIL KUMAR SAXENA	Visit No : CHA250043518
Age/Gender : 68 Y O M O D /M	Registration ON : 11/Mar/2025 08:43AM
<b>Lab No : 10140813</b>	Sample Collected ON : 11/Mar/2025 08:45AM
Referred By : Dr.CHARAK HOSPITAL AND RESEA	Sample Received ON : 11/Mar/2025 11:40AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 11/Mar/2025 12:56PM
Doctor Advice : 2D ECHO,NA+K+,CREATININE,UREA,CBC (WHOLE BLOOD),HBA1C (EDTA),PP,FASTING	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HBA1C</b>				
Glycosylated Hemoglobin (HbA1c)	<b>6.4</b>	%	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

**CHARAK**

[Checked By]

Print.Date/Time: 11-03-2025 13:34:28

\*Patient Identity Has Not Been Verified. Not For Medicolegal



DR. NISHANT SHARMA  
PATHOLOGIST

DR. SHADAB  
PATHOLOGIST

*Dr. Aditi D Agarwal*  
DR. ADITI D AGARWAL  
PATHOLOGIST

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Referred By : Dr.CHARAK HOSPITAL AND RESEA	Sample Received ON : 11/Mar/2025 09:29AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 11/Mar/2025 11:03AM
Doctor Advice : 2D ECHO,NA+K+,CREATININE,UREA,CBC (WHOLE BLOOD),HBA1C (EDTA),PP,FASTING	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	<b>11.8</b>	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.50	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	38.3	%	36 - 45	Pulse hieght detection
MCV	85.9	fL	80 - 96	calculated
MCH	<b>26.5</b>	pg	27 - 33	Calculated
MCHC	30.8	g/dL	30 - 36	Calculated
RDW	13.7	%	11 - 15	RBC histogram derivation
RETIC	0.7 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	9410	/cmm	4000 - 10000	Flocytrometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	73	%	40 - 75	Flowcytometry
LYMPHOCYTES	<b>20</b>	%	25 - 45	Flowcytometry
EOSINOPHIL	4	%	1 - 6	Flowcytometry
MONOCYTE	3	%	2 - 10	Flowcytometry
BASOPHIL	<b>0</b>	%	00 - 01	Flowcytometry
PLATELET COUNT	257,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	257000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	6,869	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,882	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	376	/cmm	20-500	Calculated
Absolute Monocytes Count	282	/cmm	200-1000	Calculated
Mentzer Index	19			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic. Platelets are adequate. No immature cells or parasite seen.



[Checked By]



*Sham*

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

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Referred By : Dr.CHARAK HOSPITAL AND RESEA	Sample Received ON : 11/Mar/2025 09:23AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 11/Mar/2025 10:58AM
Doctor Advice : 2D ECHO,NA+K+,CREATININE,UREA,CBC (WHOLE BLOOD),HBA1C (EDTA),PP,FASTING	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>FASTING</b>				
Blood Sugar Fasting	<b>134.2</b>	mg/dl	70 - 110	Hexokinase
<b>PP</b>				
Blood Sugar PP	<b>179.9</b>	mg/dl	up to - 170	Hexokinase
<b>NA+K+</b>				
SODIUM Serum	136.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	5.1	MEq/L	3.5 - 5.5	ISE Direct
<b>BLOOD UREA</b>				
BLOOD UREA	17.40	mg/dl	15 - 45	Urease, UV, Serum
<b>SERUM CREATININE</b>				
CREATININE	0.70	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

\*\*\* End Of Report \*\*\*

**CHARAK**



[Checked By]

MC-2491 Print.Date/Time: 11-03-2025 13:34:36  
\*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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### 2D- ECHO & COLOR DOPPLER REPORT

1. **MITRAL VALVE STUDY** : MVOA - Normal (perimetry) cm<sup>2</sup> (PHT)

#### Anterior Mitral Leaflet:

- (a) **Motion**: Normal                      (b) **Thickness** : Normal                      (c) **DE** : 1.7 cm.  
 (d) **EF** 85 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** :1.2cms      (c) **Closure**: Central  
 (d) **Calcium** : -                      (e) **Eccentricity Index** : 1                      (f) **Vegetation** : -

(g) **Valve Structure** : THICK

#### 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** : 4.0 cms                      **Clot** : -                      **Others** :  
**Right Atrium** : Normal                      **Clot** : -                      **Others** : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**

**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 0.9 cm (s) 1.4 cm

**Motion** : normal

**LVPW (D)** 1.1cm (s) 1.5 cm

**Motion** : Normal

**LVID (D)** 4.9 cm (s)3.1 cm

**Ejection Fraction** :66%

**Fractional Shortening** : 36 %

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

NORMAL LV RV DIMENSION  
GOOD LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

AOV - THICK  
**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 = 0.7 a = 0.9	a > e	Trivial	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

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**TRIVIAL MR**

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**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF =66 %
- NO RWMA
- TRIVIAL MR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**DR. PANKAJ RASTOGI, MD,DM**

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\*\*\* End Of Report \*\*\*

