

Patient Name : Mr. LATEEF HUSAIN	Visit No : CHA250042455
Age/Gender : 70 Y O M O D /M	Registration ON : 09/Mar/2025 12: 44PM
Lab No : 10139750	Sample Collected ON : 09/Mar/2025 12: 50PM
Referred By : Dr.JP SRIVASTAVA	Sample Received ON : 09/Mar/2025 12: 59PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 09/Mar/2025 02: 03PM
Doctor Advice : DIGITAL 1,URIC ACID,NA+K+,CREATININE,RANDOM,CBC (WHOLE BLOOD),2D ECHO	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>URIC ACID</b>				
Sample Type : SERUM				
SERUM URIC ACID	5.9	mg/dL	2.40 - 5.70	Uricase,Colorimetric



CHARAK

[Checked By]

Print.Date/Time: 09-03-2025 15:13:07

\*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
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	15.1	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	5.60	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	49.7	%	36 - 45	Pulse hieght detection
MCV	88.8	fL	80 - 96	calculated
MCH	27.0	pg	27 - 33	Calculated
MCHC	30.4	g/dL	30 - 36	Calculated
RDW	14.3	%	11 - 15	RBC histogram derivation
RETIC	0.9 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	6740	/cmm	4000 - 10000	Flocytometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	65	%	40 - 75	Flowcytometry
LYMPHOCYTES	20	%	25 - 45	Flowcytometry
EOSINOPHIL	12	%	1 - 6	Flowcytometry
MONOCYTE	3	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	121,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	140,000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	4,381	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,348	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	809	/cmm	20-500	Calculated
Absolute Monocytes Count	202	/cmm	200-1000	Calculated
Mentzer Index	16			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic. WBCs show mild eosinophilia. Platelets are just adequate. No immature cells or parasite seen.



[Checked By]



*Sham*

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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>BLOOD SUGAR RANDOM</b>				
BLOOD SUGAR RANDOM	90.1	mg/dl	70 - 170	Hexokinase
<b>NA+K+</b>				
SODIUM Serum	137.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.2	MEq/L	3.5 - 5.5	ISE Direct
<b>SERUM CREATININE</b>				
CREATININE	0.80	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

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

CHARAK



[Checked By]

MC-2491

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*Sham*

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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** : 1.9 cm.  
 (d) **EF** 72 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** : 3.4 cms                      **Clot** : -                      **Others** :  
**Right Atrium** : Normal                      **Clot** : -                      **Others** : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**  
**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 1.3 cm (s) 2.0 cm

**Motion** : normal

**LVPW (D)** 1.3cm (s) 1.9 cm

**Motion** : Normal

**LVID (D)** 4.4 cm (s) 2.7 cm

**Ejection Fraction** :69%

**Fractional Shortening** :39 %

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

CONCENTRIC LVH  
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 = 0.5 a = 0.9	a > e	-	-	-
AORTIC	1.4	Normal	-	-	-
TRICUSPID	0.3	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

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**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

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**CONCLUSIONS :**

- CONCENTRIC LVH
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 69 %
- NO RWMA
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

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



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**SKIAGRAM CHEST PA VIEW**

- Both lung fields are clear.
- Bilateral hilar shadows are normal.
- Cardiac shadow is within normal limits. Unfolding of aorta is seen .
- Both CP angles are clear.
- Soft tissue and bony cage are seen normally.
- Mild humping of right dome of diaphragm is seen .

Clinical correlation is necessary.

[DR. RAJESH KUMAR SHARMA, MD]

transcribed by: anup

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

