

Patient Name : Ms.KHALIQUN NISHA	Visit No : CHA250043188
Age/Gender : 67 Y/F	Registration ON : 10/Mar/2025 02: 50PM
<b>Lab No : 10140483</b>	Sample Collected ON : 10/Mar/2025 02: 53PM
Referred By : Dr.RAJIV RASTOGI	Sample Received ON : 10/Mar/2025 02: 53PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 10/Mar/2025 06: 15PM
Doctor Advice : 2D ECHO,URINE COM. EXMAMINATION,RANDOM,URIC ACID,NA+K+,CREATININE,CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>URIC ACID</b>				
Sample Type : SERUM				
SERUM URIC ACID	4.1	mg/dL	2.40 - 5.70	Uricase,Colorimetric

<b>URINE EXAMINATION REPORT</b>				
Colour-U	STRAW		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	<b>1.010</b>		1.005 - 1.025	
pH-Urine	Acidic (6.0)		4.5 - 8.0	
PROTEIN	Absent	mg/dl	ABSENT	Dipstick
Glucose	Absent		Absent	
Ketones	Absent		Absent	
Bilirubin-U	Absent		Absent	
Blood-U	Absent		Absent	
Urobilinogen-U	0.20	EU/dL	0.2 - 1.0	
Leukocytes-U	Absent		Absent	
NITRITE	Absent		Absent	
<b>MICROSCOPIC EXAMINATION</b>				
Pus cells / hpf	Occasional	/hpf	< 5/hpf	
Epithelial Cells	Occasional	/hpf	0 - 5	
RBC / hpf	Nil		< 3/hpf	

CHARAK

[Checked By]

Print.Date/Time: 10-03-2025 18:54:12

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



*Shadab Khan*

DR. NISHANT SHARMA  
PATHOLOGIST

DR. SHADABKHAN  
PATHOLOGIST

Dr. SYED SAIF AHMAD  
MD (MICROBIOLOGY)

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Referred By : Dr.RAJIV RASTOGI	Sample Received ON : 10/Mar/2025 03: 09PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 10/Mar/2025 04: 48PM
Doctor Advice : 2D ECHO,URINE COM. EXMAMINATION,RANDOM,URIC ACID,NA+K+,CREATININE,CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	9.3	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	3.20	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	31.1	%	36 - 45	Pulse hieght detection
MCV	97.2	fL	80 - 96	calculated
MCH	29.1	pg	27 - 33	Calculated
MCHC	29.9	g/dL	30 - 36	Calculated
RDW	14.1	%	11 - 15	RBC histogram derivation
RETIC	0.9 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	6480	/cmm	4000 - 10000	Flocytometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	50	%	40 - 75	Flowcytometry
LYMPHOCYTES	33	%	25 - 45	Flowcytometry
EOSINOPHIL	12	%	1 - 6	Flowcytometry
MONOCYTE	5	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	74,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	105000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	3,240	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	2,138	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	778	/cmm	20-500	Calculated
Absolute Monocytes Count	324	/cmm	200-1000	Calculated
Mentzer Index	30			
Peripheral Blood Picture	:			

Red blood cells show cytopenia, macrocytes with normocytic normochromic.WBCs show eosinophilia  
Platelets are reduced with gaint form. No parasite seen.



[Checked By]



MC-2491 Print.Date/Time: 10-03-2025 18:54:18  
\*Patient Identity Has Not Been Verified. Not For Medicolegal

DR. NISHANT SHARMA  
PATHOLOGIST

DR. SHADAB  
PATHOLOGIST

*Signature*  
DR. ADITI D AGARWAL  
PATHOLOGIST

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<b>Lab No : 10140483</b>	Sample Collected ON : 10/Mar/2025 02: 53PM
Referred By : Dr.RAJIV RASTOGI	Sample Received ON : 10/Mar/2025 03: 22PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 10/Mar/2025 04: 47PM
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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>BLOOD SUGAR RANDOM</b>				
BLOOD SUGAR RANDOM	148.4	mg/dl	70 - 170	Hexokinase
<b>NA+K+</b>				
SODIUM Serum	137.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.3	MEq/L	3.5 - 5.5	ISE Direct
<b>SERUM CREATININE</b>				
CREATININE	1.20	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

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

CHARAK



[Checked By]



DR. NISHANT SHARMA  
PATHOLOGIST

DR. SHADAB  
PATHOLOGIST

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

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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 :** 1.6cm.  
 (d) **EF :** 79mm/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 :** 1.7cms                      (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 :** 2.9 cms                      **Clot :** -                      **Others :**  
**Right Atrium :** Normal                      **Clot :** -                      **Others :** -

**Contd.....**



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VENTRICLES

**RIGHT VENTRICLE** : Normal

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

**LEFT VENTRICLE** :

**LVIVS (D)** 1.2 cm (s) 1.7 cm

**Motion** : normal

**LVPW (D)** 1.2cm (s) 1.3 cm

**Motion** : Normal

**LVID (D)** 4.8 cm (s)3.9 cm

**Ejection Fraction** :38%

**Fractional Shortening** :18 %

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

CONCENTRIC LVH  
POOR LV CONTRACTILITY.  
**PARADOXICAL SEPTAL MOTION**

**Short axis view**

**Aortic valve level** :

AOV - NORMAL  
**PV - NORMAL**  
TV - NORMAL

MV - NORMAL

**Mitral valve level** :

**GLOBAL HYPOKINESIA OF LV , EXCEPT BASAL & MID  
POSTEROLATERAL LV WALL**

**Papillary Muscle Level** :

**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 = 1.0	a > e	-	-	-
AORTIC	1.2	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

**CONCLUSIONS :**

- CONCENTRIC LVH
- POOR LV SYSTOLIC FUNCTION
- LVEF = 38 %
- GLOBAL HYPOKINESIA OF LV , EXCEPT BASAL & MID POSTEROLATERAL LV WALL
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – ? ISCHEMIC CARDIOMYOPATHY**

**DR. RAJIV RASTOGI, MD,DM**

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

