

Patient Name : Mr.MUJEEB KHAN	Visit No : CHA250037131
Age/Gender : 55 Y/M	Registration ON : 01/Mar/2025 02: 18PM
Lab No : 10134427	Sample Collected ON : 01/Mar/2025 02: 23PM
Referred By : Dr.RAJIV RASTOGI	Sample Received ON : 01/Mar/2025 02: 23PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 01/Mar/2025 05: 08PM
Doctor Advice : USG KUB,URINE COM. EXMAMINATION,NA+K+,CREATININE,HBA1C (EDTA),CBC (WHOLE BLOOD),2D ECHO	



Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C				
Glycosylated Hemoglobin (HbA1c)	10.2	%	4 - 5.7	HPLC (EDTA)

NOTE – Findings checked twice. Please correlate clinically..

NOTE:-

Glycosylated Hemoglobin Test (HbA1c)is performed in this laboratoryby 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: 01-03-2025 17:40:21

*Patient Identity Has Not Been Verified. Not For Medicolegal



DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADAB
PATHOLOGIST

Aditi D Agarwal
DR. ADITI D AGARWAL
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Test Name	Result	Unit	Bio. Ref. Range	Method
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URINE EXAMINATION REPORT

Colour-U	Light yellow		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	1.010		1.005 - 1.025	
pH-Urine	Acidic (6.0)		4.5 - 8.0	
PROTEIN	20 mg/dl	mg/dl	ABSENT	Dipstick
Glucose	1.5 gm/dl			
Ketones	Absent		Absent	
Bilirubin-U	Absent		Absent	
Blood-U	PRESENT		Absent	
Urobilinogen-U	0.20	EU/dL	0.2 - 1.0	
Leukocytes-U	PRESENT		Absent	
NITRITE	Absent		Absent	
MICROSCOPIC EXAMINATION				
Pus cells / hpf	35-40	/hpf	< 5/hpf	
Epithelial Cells	Occasional	/hpf	0 - 5	
RBC / hpf	2-3		< 3/hpf	

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Test Name	Result	Unit	Bio. Ref. Range	Method
CBC (COMPLETE BLOOD COUNT)				
Hb	11.9	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.50	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	39.4	%	36 - 45	Pulse hieght detection
MCV	87.0	fL	80 - 96	calculated
MCH	26.3	pg	27 - 33	Calculated
MCHC	30.2	g/dL	30 - 36	Calculated
RDW	14.6	%	11 - 15	RBC histogram derivation
RETIC	0.4 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	8930	/cmm	4000 - 10000	Flocytometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	63	%	40 - 75	Flowcytometry
LYMPHOCYTES	29	%	25 - 45	Flowcytometry
EOSINOPHIL	2	%	1 - 6	Flowcytometry
MONOCYTE	6	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	372,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	372000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	5,626	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	2,590	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	179	/cmm	20-500	Calculated
Absolute Monocytes Count	536	/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]



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Test Name	Result	Unit	Bio. Ref. Range	Method
NA+K+				
SODIUM Serum	136.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.8	MEq/L	3.5 - 5.5	ISE Direct
SERUM CREATININE				
CREATININE	0.70	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

*** End Of Report ***



CHARAK



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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** : 2.1 cm.
 (d) **EF** : 79 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** : 2.9cms (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 : 3.1 cms

Clot : -

Others :

Right Atrium : Normal

Clot : -

Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.7 cm (s) 1.3 cm

Motion : normal

LVPW (D) 0.7cm (s) 1.2 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

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 = 1.1 a = 0.9	Normal	-	-	-
AORTIC	1.7	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.9	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 67 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. RAJIV RASTOGI, MD,DM



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ULTRASOUND STUDY OF KUB

- **Right kidney** is normal in size and position. No hydronephrosis is seen. No calculus or mass lesion is seen. Cortico-medullary differentiation is well maintained. Parenchymal thickness is normal. No scarring is seen. Right kidney measures 97 x 44 mm in size.
- **Left kidney** is normal in size and position. No hydronephrosis is seen. **A tiny concretion of size 2.3 mm is seen at mid pole.** No mass lesion is seen. Cortico-medullary differentiation is well maintained. Parenchymal thickness is normal. No scarring is seen. Left kidney measures 119 x 59 mm in size.
- **Ureters** Both ureters are not dilated. UVJ are seen normally.
- **Urinary bladder** is partially distended with anechoic lumen. No calculus or mass lesion is seen. UB walls are not thickened.
- Bilateral seminal vesicles are seen normally.
- **Prostate** is **borderline enlarged in size measures 33 x 33 x 37 mm with weight of 21 gms** and shows homogenous echotexture of parenchyma. No mass lesion is seen.
- **Pre void urine volume approx. 76 cc.**
- **Post void residual urine volume is nil.**

IMPRESSION:

- **Tiny left renal concretion.**
- **Borderline prostatomegaly.**

Clinical correlation is necessary.

(DR. R.K. SINGH, MD)

Transcribed by Rachna

*** End Of Report ***

