Charak dhar
DIAGNOSTICS Pvt. Ltd.

292/05, Tulsidas Marg, Basement Chowk, Lucknow-226 003
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9415577933, 9336154100, **Tollfree No.**: 8688360360
E-mail : charak1984@gmail.com
CMO Reg. No. RMEE 2445133
NABL Reg. No. MC-2491
Certificate No. MIS-2023-0218

Patient Name	: Mr.LAL JI AGARWAL	Visit No	: CHA250042479
Age/Gender	: 72 Y/M	Registration ON	: 09/Mar/2025 01:13PM
Lab No	**: 10139774**	Sample Collected ON	: 09/Mar/2025 01:17PM
Referred By	: Dr.RAJIV RASTOGI	Sample Received ON	: 09/Mar/2025 01:17PM
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 09/Mar/2025 04:39PM
Doctor Advice	: CHEST PA,URINE COM. EXMAMINATION,URIC ACID,NA+K+,CREATININE,CBC (WHOLE BLOOD),USG KUB,2D ECHO		

PR.

Test Name	Result	Unit	Bio. Ref. Range	Method
URIC ACID				
Sample Type : SERUM				
SERUM URIC ACID	**6.0**	mg/dL	2.40 - 5.70	Uricase,Colorimetric
URINE EXAMINATION REPORT				
Colour-U	YELLOW		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	**1.015**		1.005 - 1.025	
pH-Urine	Acidic (6.0)		4.5 - 8.0	
PROTEIN	200 mg/dl	mg/dl	ABSENT	Dipstick
Glucose	Absent			
Ketones	Absent		Absent	
Bilirubin-U	Absent		Absent	
Blood-U	Absent		Absent	
Urobilinogen-U	0.20	EU/dL	0.2 - 1.0	
Leukocytes-U	PRESENT		Absent	
NITRITE	Absent		Absent	
MICROSCOPIC EXAMINATION				
Pus cells / hpf	8-10	/hpf	< 5/hpf	
Epithelial Cells	Occasional	/hpf	0 - 5	
RBC / hpf	Nil		< 3/hpf	

[Checked By]

Print.Date/Time: 09-03-2025 17:16:22
*Patient Identity Has Not Been Verified. Not For Medicolegal

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADABKHAN
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 09/Mar/2025 02:22PM
Doctor Advice	: CHEST PA,URINE COM. EXMAMINATION,URIC ACID,NA+K+,CREATININE,CBC (WHOLE BLOOD),USG KUB,2D ECHO		

PR.

Test Name	Result	Unit	Bio. Ref. Range	Method
CBC (COMPLETE BLOOD COUNT)				
Hb	12.2	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.30	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	38.4	%	36 - 45	Pulse hieght detection
MCV	89.9	fL	80 - 96	calculated
MCH	28.6	pg	27 - 33	Calculated
MCHC	31.8	g/dL	30 - 36	Calculated
RDW	14.5	%	11 - 15	RBC histogram derivation
RETIC	0.8 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	**10070**	/cmm	4000 - 10000	Flocytrometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	68	%	40 - 75	Flowcytrometry
LYMPHOCYTES	**18**	%	25 - 45	Flowcytrometry
EOSINOPHIL	**10**	%	1 - 6	Flowcytrometry
MONOCYTE	4	%	2 - 10	Flowcytrometry
BASOPHIL	**0**	%	00 - 01	Flowcytrometry
PLATELET COUNT	349,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	349000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	6,848	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,813	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	1,007	/cmm	20-500	Calculated
Absolute Monocytes Count	403	/cmm	200-1000	Calculated
Mentzer Index	21			
Peripheral Blood Picture	:			

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

MC-2491

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PR.

Test Name	Result	Unit	Bio. Ref. Range	Method
NA+K+				
SODIUM Serum	136.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.3	MEq/L	3.5 - 5.5	ISE Direct
SERUM CREATININE				
CREATININE	1.10	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

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

MC-2491

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PR.

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 64mm/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 :1.7**cms **(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 : 2.4 cms **Clot : -** **Others :**
Right Atrium : Normal **Clot : -** **Others : -**

Contd…...

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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)

RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s) 1.5 cm **Motion :** normal

LVPW (D) 0.7cm (s) 1.4 cm **Motion :** Normal

LVID (D) 4.7 cm (s) 2.8 cm **Ejection Fraction :69%**

Fractional Shortening : 38 %

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

MV - NORMAL

Mitral valve level :

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 = 0.8 a = 1.0**	**a > e**	**1**	**-**	**-**
AORTIC	**1.4**	**Normal**	**-**	**-**	**–**
TRICUSPID	**0.7**	**Normal**	**-**	**-**	**-**
PULMONARY	**1.0**	**Normal**	**-**	**-**	**-**

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV MR

CONCLUSIONS :

- **NORMAL LV RV DIMENSION**
- **GOOD LV SYSTOLIC FUNCTION**
- **LVEF = 69 %**
- **NO RWMA**
- **MILD MR**
- **NO CLOT / VEGETATION**
- **NO PERICARDIAL EFFUSSION**

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. **Renal parenchymal echogenicity is increased (Grade-I) with attenuated cortico-medullary differentiation. A simple cortical cyst is seen at mid pole measuring approx 15 x 18mm.** No calculus is seen. No scarring is seen. Right kidney measures 80 x 37 mm in size.

- **Left kidney** is normal in size and position. No hydronephrosis is seen. **Renal parenchymal echogenicity is increased (Grade-I) with attenuated cortico-medullary differentiation. A simple cortical cyst is seen at mid pole measuring approx 9 x 8mm. A concretion is seen at lower pole measuring approx 3.2mm.** No scarring is seen. Left kidney measures 92 x 39 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 **enlarged in size measures 39 x 34 x 31 mm with weight of 22 gms** and shows homogenous echotexture of parenchyma. No mass lesion is seen.

- **Pre void urine volume approx 45cc.**
- **Post void residual urine volume – Nil.**

IMPRESSION:

- **BILATERAL INCREASED RENAL PARENCHYMAL ECHOGENICITY (GRADE-I) WITH ATTENUATED CORTICO-MEDULLARY DIFFERENTIATION** (ADV: RFT CORRELATION).
- **BILATERAL SIMPLE RENAL CORTICAL CYSTS.**
- **LEFT RENAL CONCRETION.**
- **PROSTATOMEGALY GRADE-I.**

Clinical correlation is necessary.

[DR. R. K. SINGH, MD]

Transcribed by Gausiya

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SKIAGRAM CHEST PA VIEW

- Right apical pleural thickening is seen .
- Both lung fields are clear.
- Bilateral hilar shadows are normal.
- Cardiac shadow is within normal limits.
- Right CP angle is not sharply defined.
- Degenerative changes are seen in dorsal vertebrae.
- Both domes of diaphragm are sharply defined.

Clinical correlation is necessary.

[DR. RAJESH KUMAR SHARMA, MD]

transcribed by: anup

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