

Patient Name : Ms. ARADHANA VERMA	Visit No : CHA250043047
Age/Gender : 43 Y/F	Registration ON : 10/Mar/2025 01:10PM
Lab No : 10140342	Sample Collected ON : 10/Mar/2025 01:14PM
Referred By : Dr. RAJIV RASTOGI	Sample Received ON : 10/Mar/2025 01:14PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 10/Mar/2025 04:02PM
Doctor Advice : URINE COM. EXMAMINATION, URIC ACID, NA+K+, CREATININE, RANDOM, GBP, HB, 2D ECHO	



Test Name	Result	Unit	Bio. Ref. Range	Method
URIC ACID				
Sample Type : SERUM				
SERUM URIC ACID	5.4	mg/dL	2.40 - 5.70	Uricase, Colorimetric

URINE EXAMINATION REPORT				
Colour-U	STRAW		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	1.010		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	
MICROSCOPIC EXAMINATION				
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 16:35:20

*Patient Identity Has Not Been Verified. Not For Medicolegal

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADAB
PATHOLOGIST

Aditi D Agarwal
DR. ADITI D AGARWAL
PATHOLOGIST

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Refer Lab/Hosp : CHARAK NA	Report Generated ON : 10/Mar/2025 02:41PM
Doctor Advice : URINE COM. EXMAMINATION, URIC ACID, NA+K+, CREATININE, RANDOM, GBP, HB, 2D ECHO	



Test Name	Result	Unit	Bio. Ref. Range	Method
HAEMOGLOBIN				
Hb	11.5	g/dl	12 - 15	Non Cyanide

Comment:

Hemoglobin screening helps to diagnose conditions that affect RBCs such as anemia or polycythemia.

GENERAL BLOOD PICTURE (GBP)

Peripheral Blood Picture :

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

BLOOD SUGAR RANDOM

BLOOD SUGAR RANDOM	92.3	mg/dl	70 - 170	Hexokinase
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NA+K+

SODIUM Serum	140.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.1	MEq/L	3.5 - 5.5	ISE Direct

SERUM CREATININE

CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
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*** End Of Report ***

CHARAK



[Checked By]



Sham

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

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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 :** 1.7 cm.
 (d) **EF :** 82 mm/sec (e) **EPSS :** 04 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 :** 3.0cms (b) **Aortic Opening :** 1.8cms (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 : 2.3 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) 1.3cm

Motion : normal

LVPW (D) 0.7cm (s) 1.2cm

Motion : Normal

LVID (D) 4.3 cm (s) 2.5 cm

Ejection Fraction :74%

Fractional Shortening : 42 %

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 = 0.6 a = 0.5	Normal	-	-	-
AORTIC	1.3	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 = 74 %
- 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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