

Patient Name : Ms.NOOR JAHAN	Visit No : CHA250036237
Age/Gender : 60 Y/F	Registration ON : 28/Feb/2025 01: 27PM
Lab No : 10133533	Sample Collected ON : 28/Feb/2025 01: 29PM
Referred By : Dr.MOHD RIZWANUL HAQUE	Sample Received ON : 28/Feb/2025 02: 00PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 28/Feb/2025 03: 13PM
Doctor Advice : ECG,CHEST PA,2D ECHO COLOUR,LFT,ESR,CBC (WHOLE BLOOD),NA+K+,BUN,CREATININE,HBA1C (EDTA)	



Test Name	Result	Unit	Bio. Ref. Range	Method
ESR				
Erythrocyte Sedimentation Rate ESR	4.00		0 - 20	Westergreen

Note:

1. Test conducted on EDTA whole blood at 37°C.
2. ESR readings are auto- corrected with respect to Hematocrit (PCV) values.
3. It indicates presence and intensity of an inflammatory process. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, acute rheumatic fever. It is also increased in multiple myeloma, hypothyroidism.

HBA1C				
Glycosylated Hemoglobin (HbA1c)	11.3	%	4 - 5.7	HPLC (EDTA)

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

BLOOD UREA NITROGEN				
Blood Urea Nitrogen (BUN)	29.11	mg/dL	7-21	calculated



[Checked By]

Print.Date/Time: 28-02-2025 18:15:19

*Patient Identity Has Not Been Verified. Not For Medicolegal

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

Patient Name : Ms.NOOR JAHAN	Visit No : CHA250036237
Age/Gender : 60 Y/F	Registration ON : 28/Feb/2025 01: 27PM
Lab No : 10133533	Sample Collected ON : 28/Feb/2025 01: 29PM
Referred By : Dr.MOHD RIZWANUL HAQUE	Sample Received ON : 28/Feb/2025 02: 07PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 28/Feb/2025 03: 00PM
Doctor Advice : ECG,CHEST PA,2D ECHO COLOUR,LFT,ESR,CBC (WHOLE BLOOD),NA+K+,BUN,CREATININE,HBA1C (EDTA)	



Test Name	Result	Unit	Bio. Ref. Range	Method
CBC (COMPLETE BLOOD COUNT)				
Hb	10.6	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.00	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	33.0	%	36 - 45	Pulse hieght detection
MCV	82.1	fL	80 - 96	calculated
MCH	26.4	pg	27 - 33	Calculated
MCHC	32.1	g/dL	30 - 36	Calculated
RDW	12.9	%	11 - 15	RBC histogram derivation
RETIC	0.9 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	10030	/cmm	4000 - 10000	Flocytometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	64	%	40 - 75	Flowcytometry
LYMPHOCYTES	28	%	25 - 45	Flowcytometry
EOSINOPHIL	4	%	1 - 6	Flowcytometry
MONOCYTE	4	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	399,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	399000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	6,419	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	2,808	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	401	/cmm	20-500	Calculated
Absolute Monocytes Count	401	/cmm	200-1000	Calculated
Mentzer Index	21			
Peripheral Blood Picture	:			

Red blood cells are few microcytic hypochromic, normocytic normochromic. Platelets are adequate. No immature cells or parasite seen.



[Checked By]



Sham

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

Patient Name : Ms.NOOR JAHAN Visit No : CHA250036237
Age/Gender : 60 Y/F Registration ON : 28/Feb/2025 01: 27PM
Lab No : 10133533 Sample Collected ON : 28/Feb/2025 01: 29PM
Referred By : Dr.MOHD RIZWANUL HAQUE Sample Received ON : 28/Feb/2025 02: 00PM
Refer Lab/Hosp : CHARAK NA Report Generated ON : 28/Feb/2025 03: 13PM
Doctor Advice : ECG,CHEST PA,2D ECHO COLOUR,LFT,ESR,CBC (WHOLE BLOOD),NA+K+,BUN,CREATININE,HBA1C (EDTA)



Test Name	Result	Unit	Bio. Ref. Range	Method
NA+K+				
SODIUM Serum	130.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.7	MEq/L	3.5 - 5.5	ISE Direct
SERUM CREATININE				
CREATININE	1.10	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	0.40	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	0.12	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	0.28	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	129.20	U/L	30 - 120	PNPP, AMP Buffer
SGPT	20.0	U/L	5 - 40	UV without P5P
SGOT	18.0	U/L	5 - 40	UV without P5P

*** End Of Report ***

CHARAK



[Checked By]

MC-2491

Print.Date/Time: 28-02-2025 18:15:28

*Patient Identity Has Not Been Verified. Not For Medicolegal



DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADAB
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

Patient Name	: Ms.NOOR JAHAN	Visit No	: CHA250036237
Age/Gender	: 60 Y/F	Registration ON	: 28/Feb/2025 01:27PM
Lab No	: 10133533	Sample Collected ON	: 28/Feb/2025 01:27PM
Referred By	: Dr.MOHD RIZWANUL HAQUE	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 28/Feb/2025 05:42PM

ECG REPORT

* RATE : 102 bpm.

* RHYTHM : Normal

* P wave : Normal

* PR interval : Normal

* QRS Axis : Normal

Duration : Normal

Configuration : Increased LV Voltages

* ST-T Changes : ST Depression in L1,L2,V5-V6

* QT interval :

* QTc interval : Sec.

Other

OPINION: LEFT VENTRICULAR HYPERTROPHY WITH STRAIN
SINUS TACHYCARDIA
(Finding to be correlated clinically)

DR. RAJIV RASTOGI ,MD.DM



Patient Name	: Ms.NOOR JAHAN	Visit No	: CHA250036237
Age/Gender	: 60 Y/F	Registration ON	: 28/Feb/2025 01:27PM
Lab No	: 10133533	Sample Collected ON	: 28/Feb/2025 01:27PM
Referred By	: Dr.MOHD RIZWANUL HAQUE	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 28/Feb/2025 05:19PM

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 : 1.5cm.
 (d) EF : 83 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 : 2.5cms (b) Aortic Opening : 1.6cms (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.....



Patient Name	: Ms.NOOR JAHAN	Visit No	: CHA250036237
Age/Gender	: 60 Y/F	Registration ON	: 28/Feb/2025 01:27PM
Lab No	: 10133533	Sample Collected ON	: 28/Feb/2025 01:27PM
Referred By	: Dr.MOHD RIZWANUL HAQUE	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 28/Feb/2025 05:19PM

VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0cm (s) 1.7 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.4cm

Motion : Normal

LVID (D) 4.2cm (s) 3.1 cm

Ejection Fraction :50%

Fractional Shortening : 25 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
FAIR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

HYPOKINESIA OF BASAL & MID INFERIOR LV WALL (PDA
TERRITORY)

Apical 4 chamber View :

No LV CLOT



Patient Name	: Ms.NOOR JAHAN	Visit No	: CHA250036237
Age/Gender	: 60 Y/F	Registration ON	: 28/Feb/2025 01:27PM
Lab No	: 10133533	Sample Collected ON	: 28/Feb/2025 01:27PM
Referred By	: Dr.MOHD RIZWANUL HAQUE	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 28/Feb/2025 05:19PM

PERICARDIUM
Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.6 a = 0.9	a > e	2	-	-
AORTIC	1.5	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.9	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR II /IV MR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- FAIR LV SYSTOLIC FUNCTION
- LVEF = 50 %
- HYPOKINESIA OF BASAL & MID INFERIOR LV WALL (PDA TERRITORY)
- MODERATE MR
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. RAJIV RASTOGI, MD,DM



Patient Name	: Ms.NOOR JAHAN	Visit No	: CHA250036237
Age/Gender	: 60 Y/F	Registration ON	: 28/Feb/2025 01:27PM
Lab No	: 10133533	Sample Collected ON	: 28/Feb/2025 01:27PM
Referred By	: Dr.MOHD RIZWANUL HAQUE	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 28/Feb/2025 03:26PM

SKIAGRAM CHEST PA VIEW

- Heterogenous radio opacity is seen in right upper zone and left parahilar region.
- Fibrotic opacity is seen in left upper zone.
- Bilateral hilar shadows are prominent.
- Cardiac shadow is within normal limits.
- Both CP angles are clear.
- Soft tissue and bony cage are seen normally.
- Both domes of diaphragm are sharply outlined.

OPINION:

• **F.U.C KOCH'S CHEST.**

Adv: Sputum for AFB & Hematological examination.

To be correlated with previous records.

[DR. RAJESH KUMAR SHARMA, MD]

Transcribed by R R...

*** End Of Report ***

