

Dr. Vimmi Goel  
MBBS, MD (Internal Medicine)  
Sr. Consultant Non Invasive Cardiology  
Reg. No: MMC- 2014/01/0113

7499913052



Name: Mrs. Rutya Sardar Date: 28/10/23

Age: 33y Sex: M/F Weight: 50.3 kg Height: 150.2 inc BMI: 22.3

BP: 107/75 mmHg Pulse: 72/min bpm RBS: mg/dl

SpO2 100%

LMP - 20/10/23



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mrs. RUTUJA SARDAR	<b>Age / Gender</b> : 33 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324051213/UMR2324025999	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 28-Oct-23 10:04 am	<b>Report Date</b> : 28-Oct-23 12:31 pm

**HAEMOGRAM**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Haemoglobin	Blood	12.2	12.0 - 15.0 gm%	Photometric
Haematocrit(PCV)		39.1	36.0 - 46.0 %	Calculated
RBC Count		<b>5.68</b>	3.8 - 4.8 Millions/cumm	Photometric
Mean Cell Volume (MCV)		<b>69</b>	83 - 101 fl	Calculated
Mean Cell Haemoglobin (MCH)		<b>21.4</b>	27 - 32 pg	Calculated
Mean Cell Haemoglobin Concentration (MCHC)		<b>31.2</b>	31.5 - 35.0 g/l	Calculated
RDW		<b>17.9</b>	11.5 - 14.0 %	Calculated
Platelet count		320	150 - 450 10 <sup>3</sup> /cumm	Impedance
WBC Count		8600	4000 - 11000 cells/cumm	Impedance
<b><u>DIFFERENTIAL COUNT</u></b>				
Neutrophils		53.9	50 - 70 %	Flow Cytometry/Light microscopy
Lymphocytes		39.8	20 - 40 %	Flow Cytometry/Light microscopy
Eosinophils		2.6	1 - 6 %	Flow Cytometry/Light microscopy
Monocytes		3.6	2 - 10 %	Flow Cytometry/Light microscopy
Basophils		0.1	0 - 1 %	Flow Cytometry/Light microscopy
Absolute Neutrophil Count		4635.4	2000 - 7000 /cumm	Flow Cytometry/Light microscopy Calculated



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<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Absolute Lymphocyte Count		3422.8	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		223.6	20 - 500 /cumm	Calculated
Absolute Monocyte Count		309.6	200 - 1000 /cumm	Calculated
Absolute Basophil Count		8.6	0 - 100 /cumm	Calculated
<b>PERIPHERAL SMEAR</b>				
RBC		Microcytosis ++(11%-20%), Hypochromia ++(11%-20%), Anisocytosis ++(11%-20%)		Light microscopy
WBC		As Above		
Platelets		Adequate		
ESR		06	0 - 20 mm/hr	Automated Westergren's Method
*** End Of Report ***				

Suggested Clinical Correlation \* If neccessary, Please discuss

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Test results related only to the item tested.

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**Dr. PURVA JAISWAL, MBBS,MD,DNB**  
**CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. RUTUJA SARDAR	<b>Age / Gender</b> : 33 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324051213/UMR2324025999	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 28-Oct-23 10:03 am	<b>Report Date</b> : 28-Oct-23 12:40 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Fasting Plasma Glucose	Plasma	91	< 100 mg/dl	GOD/POD,Colorimetric
Post Prandial Plasma Glucose		100	< 140 mg/dl	GOD/POD, Colorimetric
<b>GLYCOSYLATED HAEMOGLOBIN (HBA1C)</b>				
HbA1c		5.5	Non-Diabetic : <= 5.6 % Pre-Diabetic : 5.7 - 6.4 % Diabetic : >= 6.5 %	HPLC

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

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*Jaiswal*

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CIN: U74999MH2018PTC303510



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. RUTUJA SARDAR	<b>Age /Gender</b> : 33 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324051213/UMR2324025999	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
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**LIPID PROFILE**

<b>Parameter</b>	<b>Specimen</b>	<b>Results</b>	<b>Method</b>
Total Cholesterol	Serum	143 < 200 mg/dl	Enzymatic(CHE/CHO/PO D)
Triglycerides		85 < 150 mg/dl	Enzymatic (Lipase/GK/GPO/POD)
HDL Cholesterol Direct		<b>38</b> > 50 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol Direct		91.84 < 100 mg/dl	Enzymatic
VLDL Cholesterol		17 < 30 mg/dl	Calculated
Tot Chol/HDL Ratio		4 3 - 5	Calculation

<u>Intiate therapeutic</u>	<u>Consider Drug therapy</u>	<u>LDC-C</u>
CHD OR CHD risk equivalent	>100	>130, optional at 100-129
Multiple major risk factors conferring 10 yrs CHD risk >20%		<100
Two or more additional major risk factors, 10 yrs CHD risk <20%	>130	10 yrs risk 10-20 % >130 <130
No additional major risk or one additional major risk factor	>160	10 yrs risk <10% >160 <160

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

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**Dr. PURVA JAISWAL, MBBS,MD,DNB**  
**CONSULTANT PATHOLOGIST**





**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. RUTUJA SARDAR	<b>Age / Gender</b> : 33 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324051213/UMR2324025999	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 28-Oct-23 10:04 am	<b>Report Date</b> : 28-Oct-23 12:40 pm

**THYROID PROFILE**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
T3	Serum	1.58	0.55 - 1.70 ng/ml	Enhanced chemiluminescence
Free T4		1.48	0.80 - 1.70 ng/dl	Enhanced Chemiluminescence
TSH		1.99	0.50 - 4.80 uIU/ml	Enhanced chemiluminescence

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

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**Dr. PURVA JAISWAL, MBBS,MD,DNB**  
**CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. RUTUJA SARDAR	<b>Age / Gender</b> : 33 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324051213/UMR2324025999	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 28-Oct-23 10:04 am	<b>Report Date</b> : 28-Oct-23 12:40 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Result Values</u>	<u>Biological Reference</u>	<u>Method</u>
<b>RFT</b>				
Blood Urea	Serum	7	15.0 - 36.0 mg/dl	Urease with indicator dye
Creatinine		0.46	0.52 - 1.04 mg/dl	Enzymatic ( creatinine amidohydrolase)
GFR		129.5		Calculation by CKD-EPI 2021
Sodium		141	136 - 145 mmol/L	Direct ion selective electrode
Potassium		4.16	3.5 - 5.1 mmol/L	Direct ion selective electrode
<b>LIVER FUNCTION TEST(LFT)</b>				
Total Bilirubin		0.68	0.2 - 1.3 mg/dl	Azobilirubin/Dyphylline
Direct Bilirubin		0.14	0.1 - 0.3 mg/dl	Calculated
Indirect Bilirubin		0.54	0.1 - 1.1 mg/dl	Duel wavelength spectrophotometric
Alkaline Phosphatase		73	38 - 126 U/L	pNPP/AMP buffer
SGPT/ALT		18	13 - 45 U/L	Kinetic with pyridoxal 5 phosphate
SGOT/AST		21	13 - 35 U/L	Kinetic with pyridoxal 5 phosphate
Serum Total Protein		7.52	6.3 - 8.2 gm/dl	Biuret (Alkaline cupric sulphate)
Albumin Serum		3.80	3.5 - 5.0 gm/dl	Bromocresol green Dye Binding
Globulin		3.72	2.0 - 4.0 gm/dl	Calculated
A/G Ratio		1.02		

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

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**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF PATHOLOGY**

**Patient Name** : Mrs. RUTUJA SARDAR  
**Bill No/ UMR No** : BIL2324051213/UMR2324025999  
**Received Dt** : 28-Oct-23 11:25 am  
**Age / Gender** : 33 Y(s)/Female  
**Referred By** : Dr. Vimmi Goel MBBS,MD  
**Report Date** : 28-Oct-23 12:53 pm

Parameter	Specimen	Results	Method
<b>URINE MICROSCOPY</b>			
<u>PHYSICAL EXAMINATION</u>			
Volume	Urine	30 ml	
Colour.		Pale yellow	
Appearance		Clear	
<u>CHEMICAL EXAMINATION</u>			
Reaction (pH)	Urine	5	
Specific gravity		1.000	4.6 - 8.0
Urine Protein		Negative	1.005 - 1.025
Sugar		Negative	Indicators
Bilirubin		Negative	ion concentration
Ketone Bodies		Negative	protein error of pH
Nitrate		Negative	indicator
Urobilinogen		Negative	GOD/POD
<u>MICROSCOPIC EXAMINATION</u>			
Epithelial Cells	Urine	Normal	Diazonium
R.B.C.		0-1	Legal's est Principle
Pus Cells		Absent	Ehrlich's Reaction
Casts		0-1	0 - 4 /hpf
Crystals		Absent	0 - 4 /hpf
<b>USF(URINE SUGAR FASTING)</b>			
Urine Glucose	Urine	Negative	Manual
		*** End Of Report ***	Manual
			GOD/POD

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*Jaiswal*





**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF IMMUNO HAEMATOLOGY**

<b>Patient Name</b> : Mrs. RUTUJA SARDAR	<b>Age / Gender</b> : 33 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324051213/UMR2324025999	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 28-Oct-23 10:04 am	<b>Report Date</b> : 28-Oct-23 02:07 pm

**BLOOD GROUPING AND RH**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>
BLOOD GROUP.	EDTA Whole Blood & Plasma/ Serum	" B " <span style="float: right;">Gel Card Method</span>
Rh (D) Typing.		" Positive "(+Ve)

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

Suggested Clinical Correlation \* If necessary, Please discuss

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**Dr. GAURI HARDAS, MBBS,MD**  
**CONSULTANT PATHOLOGIST**

**DEPARTMENT OF RADIOLOGY & IMAGING SCIENCE**

NAME	RUTUA SARDAR	STUDY DATE	28-10-2023 13:09:22
AGE/ SEX	33Y FIM14D / F	HOSPITAL NO.	UMR2324025999
ACCESSION NO.	BIL2324051213-10	MODALITY	DX
REPORTED ON	28-10-2023 14:51	REFERRED BY	Dr. Vimal Goel

**X-RAY CHEST PA VIEW**

Both the lung fields are clear.

Heart and Aorta are normal.

hilar shadows appear normal.

Diaphragm domes and CP angles are clear.

Bony cage is normal.

**IMPRESSION:**

No pleuro-parenchymal abnormality seen.



**DR NAVEEN PUGALIA**

**MBBS, MD [076125]**

**RADIOLOGIST.**

N.B : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations.  
Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

PATIENT NAME:	MRS. RUTUJA SARDAR	AGE /SEX:	33 YRS/F
REG NO	232405999	BILL NO	2324051213
REFERRED BY	DR. VIMMI GOEL	DATE	28/10/2023

**USG WHOLE ABDOMEN**

LIVER is mildly enlarged in size and shows increase in echotexture.  
No evidence of any focal lesion seen. Intrahepatic biliary radicals are not dilated.  
PORTAL VEIN and CBD are normal in course and caliber.

GALL BLADDER is physiologically distended. No sludge or calculus seen.  
Wall thickness is within normal limits.

PANCREAS is normal in shape, size and echotexture.

SPLEEN is normal in shape, size and echotexture. No focal lesion seen.

Both KIDNEYS are normal in shape, size and echotexture.  
No evidence of calculus or hydronephrosis seen.  
URETERS are not dilated.

BLADDER is partially distended. No calculus or mass lesion seen.

Uterus is retroverted and normal. It measures 7.2 x 3.8 x 4.7 cm.  
No focal myometrial lesion seen.  
Endometrial echo-complex appear normal. ET – 7 mm.  
Both ovaries are seen.  
No adnexal mass lesion seen.

There is no free fluid or abdominal lymphadenopathy seen.

**IMPRESSION:**

**Mild hepatomegaly with fatty infiltration.**  
**No other significant abnormality seen.**  
**Suggest clinical correlation / further evaluation.**



**DR NAVEEN PUGALIA.**  
**MBBS, MD [076125]**  
**SENIOR CONSULTANT RADIOLOGIST**

**2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT**

Patient Name : Mrs. Rutuja Sardar  
 Age : 33 years / Female  
 UMR : UMR2324025999  
 Date : 28/10/2023  
 Done by : Dr. Vimmi Goel  
 ECG : NSR, Partial RBBB, ST-T changes  
 Blood pressure: 107/75 mm Hg (Right arm, Supine position)  
 BSA : 1.45 m<sup>2</sup>

**Impression:**

**Normal chambers dimensions**  
**No RWMA of LV at rest**  
**Good LV systolic function, LVEF 70%**  
**Normal LV diastolic function**  
**E/A is 1.2**  
**E/E' is 10.8 (Borderline filling pressure)**  
**Valves are normal**  
**Trivial MR**  
**No pulmonary hypertension**  
**IVC is normal in size and collapsing well with respiration**  
**No clots or pericardial effusion**

**Comments:**

Sector echocardiography was performed in various conventional views (PLAX, SSAX, AP4 CH and 5 CH views). LV size normal. There is no RWMA of LV seen at rest. Good LV systolic function. LVEF 70%. Normal LV diastolic function. E Velocity is 97 cm/s, A Velocity is 79 cm/s. E/A is 1.2. Valves are normal. Trivial MR. No Pulmonary Hypertension. IVC normal in size and collapsing well with respiration. Pericardium is normal. No clots or pericardial effusion seen.  
 E' at medial mitral annulus is 7.3 cm/sec & at lateral mitral annulus is 12 cm/sec.  
 E/E' is 10.8 (Borderline filling pressure).

**M Mode echocardiography and dimension:**

	Normal range (mm) (adults) (children)	Observed (mm)
Left atrium	19-40	32
Aortic root	20-37	23
LVIDd	35-55	39
LVIDs	23-39	22
IVS (d)	6-11	09
LVPW (d)	6-11	09
LVEF %	~ 60%	70%
Fractional Shortening	~ 60%	40%

P.T.O

  
**Dr. Vimmi Goel**  
**MD, Sr. Consultant**  
**Non-invasive Cardiology**



PBC DEPT.

33 Years

Rate 67 . Sinus rhythm.....normal P axis, V-rate 50- 99  
 PR 100 . Short PR interval.....PR <110ms  
 QRS 111 . RSR' in V1 or V2, right VCD of RVH.....QRS area positive & R' V1/V2  
 QT 407  
 QTc 430

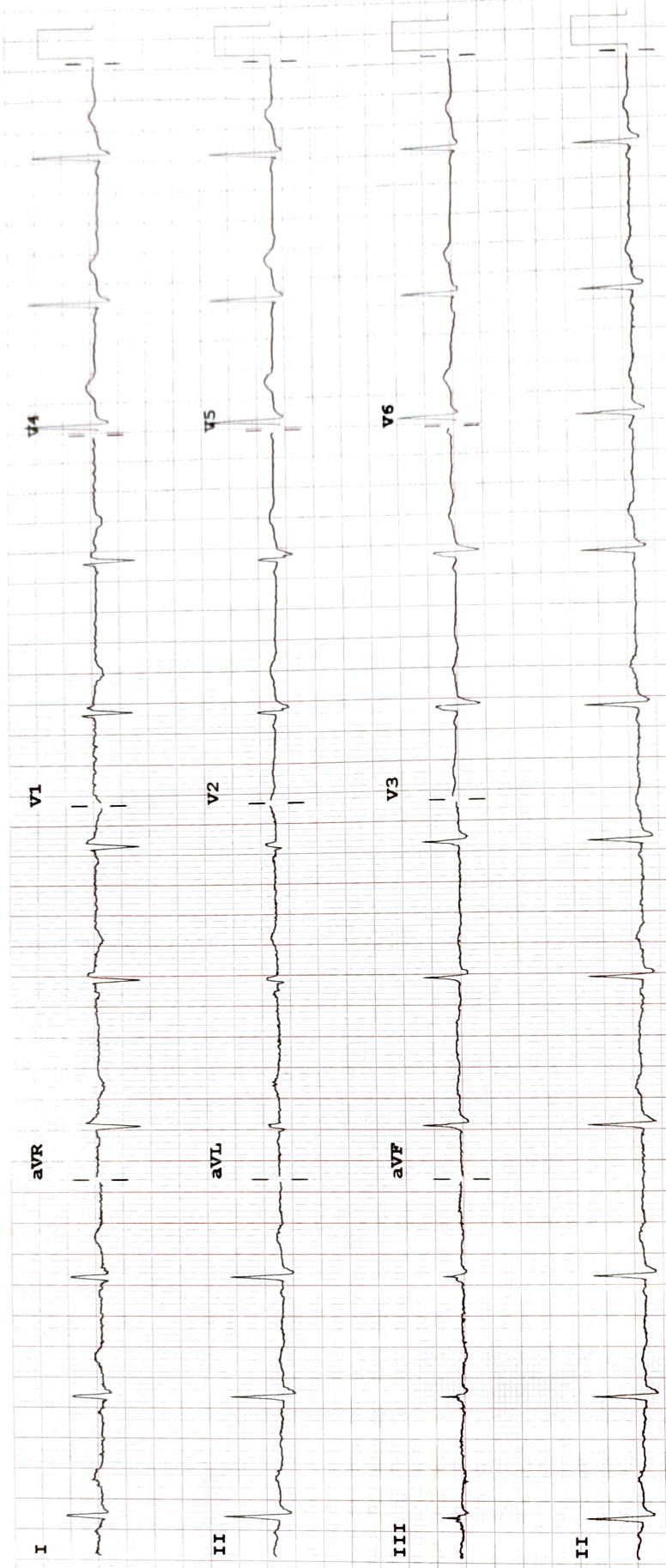
--AXIS--

P 4  
 QRS 50  
 T 12

12 Lead; Standard Placement

- BORDERLINE ECG -

Unconfirmed Diagnosis



Device: Speed: 25 mm/sec Limb: 10 mm/mV Chest: 10.0 mm/mV

F 50~ 0.50-150 Hz W

100B CL P?