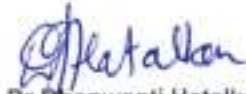


Name : Mrs. Bhavana Tembhare
VID : 2330119646
Ref By : Arcofemi Healthcare Limited

Reg Date : 28-Oct-2023 09:22
Age/Gender : 32 Years
Regn Centre : Kalina, Santaacruz East (Main Centre)

PERSONAL HISTORY:

- | | |
|---------------|-------|
| 1) Alcohol | No |
| 2) Smoking | No |
| 3) Diet | Mixed |
| 4) Medication | No |



Dr. Dhanwanti Hatakhar
PHYSICIAN

Dr. D.G. HATAKAR
R.No. 61067 M.D. (Ob.Gy)

Suburban Diagnostics Kalina

Patient Details

Date: 28-Oct-23

Time: 11:23:45 AM

Name: MRS. BHAVANA TEMBHARE ID: 2330119646

Age: 32 y

Sex: F

Height: 153 cms.

Weight: 49 Kg.

Clinical History: Routine Test

Medications: NONE

Test Details

Protocol: Bruce

Pr.MHR: 188 bpm

THR: 159 (85 % of Pr.MHR) bpm

Total Exec. Time: 3 m 44 s

Max. HR: 129 (69% of Pr.MHR) bpm

Max. Mets: 7.00

Max. BP: 130 / 60 mmHg

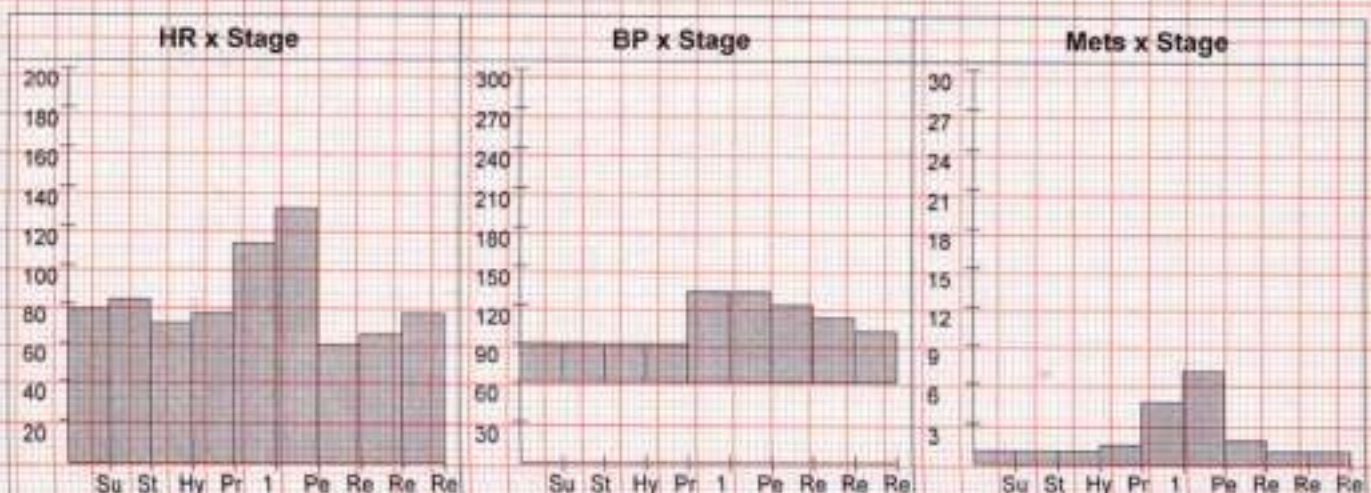
Max. BP x HR: 16770 mmHg/min

Min. BP x HR: 3540 mmHg/min

Test Termination Criteria: BACKACHE

Protocol Details

Stage Name	Stage Time (min : sec)	Mets	Speed (mph)	Grade (%)	Heart Rate (bpm)	Max. BP (mm/Hg)	Max. ST Level (mm)	Max. ST Slope (mV/s)
Supine	0 : 31	1.0	0	0	77	90 / 60	-0.64 aVR	0.71 V3
Standing	0 : 7	1.0	0	0	82	90 / 60	-0.64 aVR	0.71 V4
Hyperventilation	0 : 10	1.0	0	0	70	90 / 60	-0.64 aVR	0.35 II
1	3 : 0	4.6	1.7	10	111	130 / 60	-1.27 aVR	2.83 II
Peak Ex	0 : 44	7.0	2.5	12	129	130 / 60	-1.06 II	2.12 II
Recovery(1)	2 : 0	1.8	1	0	59	120 / 60	-1.06 III	2.48 V4
Recovery(2)	2 : 0	1.0	0	0	64	110 / 60	-0.85 II	1.77 V3
Recovery(3)	1 : 4	1.0	0	0	75	100 / 60	-0.42 aVR	0.71 II



Suburban Diagnostics Kalina

Patient Details

Date: 28-Oct-23

Time: 11:23:45 AM

Name: MRS. BHAVANA TEMBHARE ID: 2330119646

Age: 32 y

Sex: F

Height: 153 cms.

Weight: 49 Kg.

Interpretation

POOR EFFORT TOLERENCE
ACCELERATED HEART RATE RESPONSE
NORMAL BLOOD PRESSURE RESPONSE
NO ANGINA/ANGINA EQUIVALENTS
NO ARRHYTHMIAS
NO SIGNIFICANT ST-T CHANGES NOTED AS COMPARED TO BASELINE ECG
IMPRESSION : STRESS TEST IS INCONCLUSIVE FOR INDUCIBLE ISCHAEMIA

Disclaimer: Negative stress test does not rule out Coronary Artery Disease
Positive stress test is suggestive but not confirmatory of coronary artery disease
Hence clinical correlation is mandatory

Suburban Diagnostics (I) Pvt. Ltd.
1st Floor, Harbhajan, Above HDFC Bank,
Opp. Nafa Petrol Pump, Kalina, CST Road,
Santacruz (East),
Tel. No. 022-61700000



DR. SHEIKH NAVEED
MBBS/PGDCC
Clinical Cardiologist
Reg. No. 2016/11/4694

Ref. Doctor:

Doctor: NAVEED SHEIKH

(Summary Report edited by user)

Suburban Diagnostics Kalina

MRS. BHAVANA TEMBHARE (32 F)

ID: 2330119646

Date: 28-Oct-23

B.P: 90 / 60

Protocol: Bruce

Stage: Supine

Speed: 0 mph

Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 25 s

HR: 81 bpm

(THR: 159 bpm)

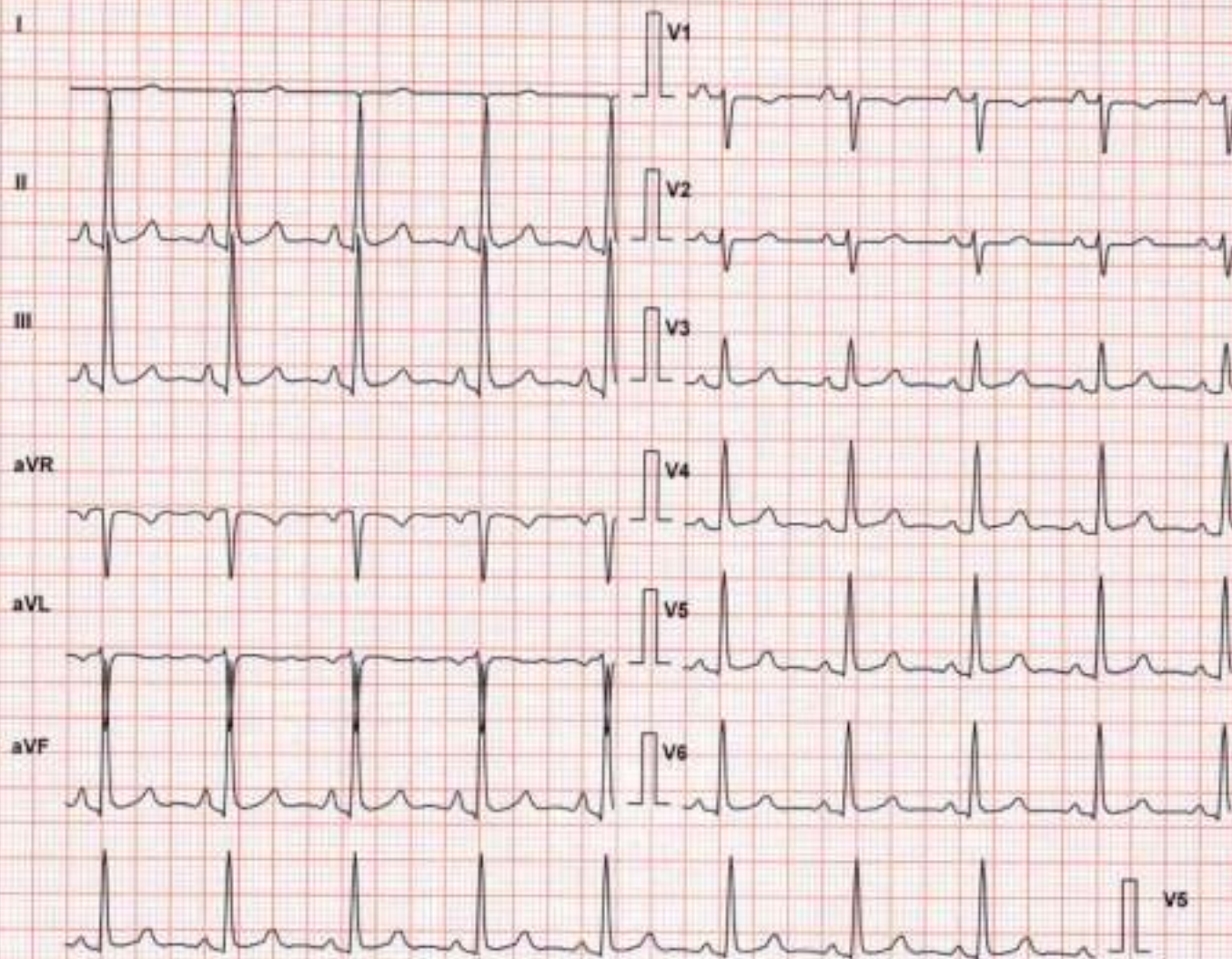


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

Schiller Spawden V4.51

Pre J = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

Suburban Diagnostics Kalina

MRS. BHAVANA TEMBHARE (32 F)

ID: 2330119646

Date: 28-Oct-23

B.P: 90 / 60

Protocol: Bruce

Stage: Standing

Speed: 0 mph

Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 1 s

HR: 70 bpm

(THR: 159 bpm)

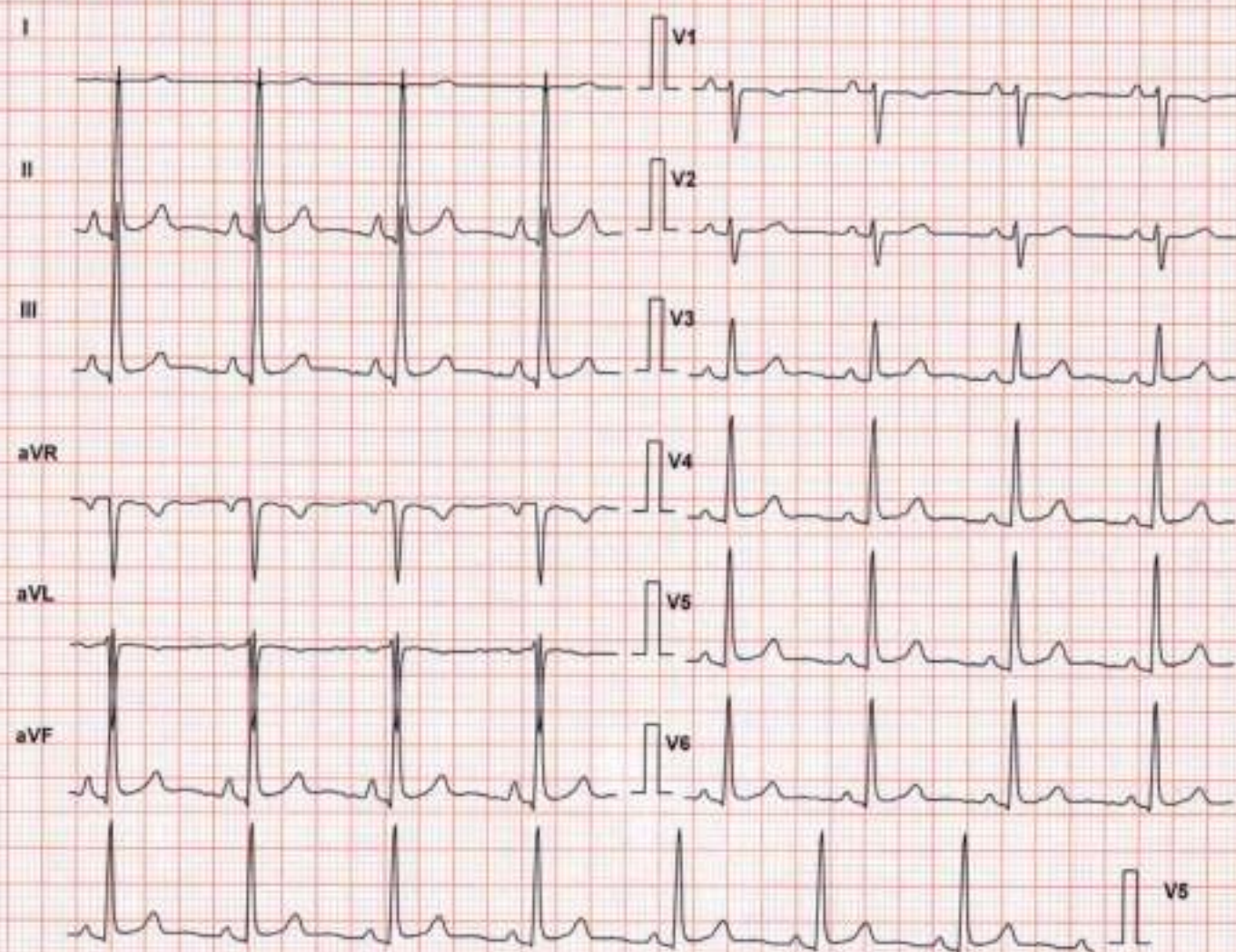


Chart Speed: 25 mm/sec
Schiller Spanzar V4.51

Filter: 35 Hz
I₉₀ = R - 60 ms J = R + 60 ms

Main: Filt: ON
Post J = J + 60 ms

Amp: 10 mm
Linked Median

Suburban Diagnostics Kalina

MRS. BHAVANA TEMBHARE (32 F)

ID: 2330119646

Date: 28-Oct-23

B.P: 90 / 60

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 4 s

HR: 75 bpm

(THR: 159 bpm)

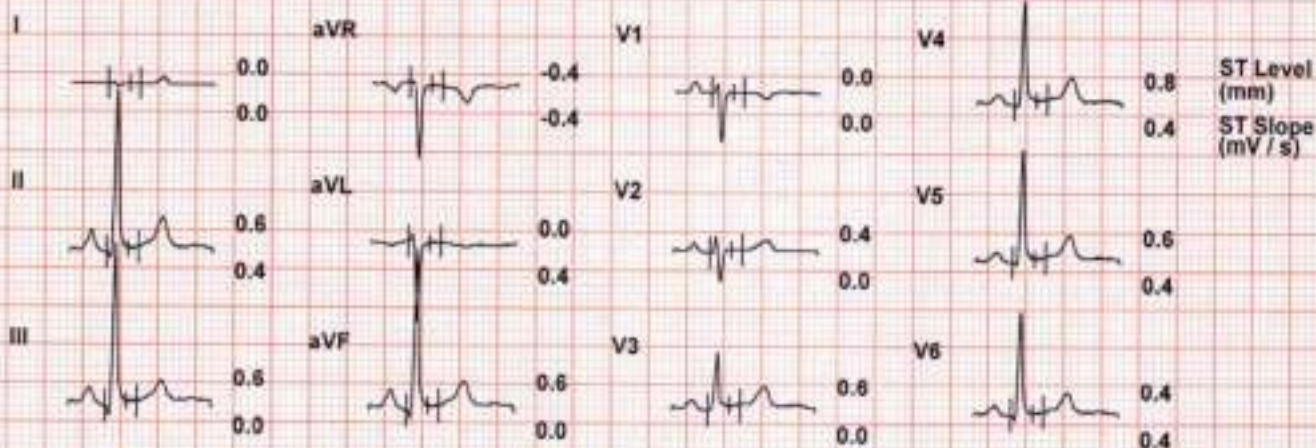


Chart Speed: 25 mm/sec
Schiller Spandan V 4.5f

Filter: 35 Hz
Iso = R - 60 ms J + R + 60 ms

Mains Filt: ON
Post J = J + 60 ms

Amp: 10 mm
Linked Median

Suburban Diagnostics Kalina

MRS. BHAVANA TEMBHARE (32 F)

ID: 2330119646

Date: 28-Oct-23

B.P: 130 / 60

Protocol: Bruce

Stage: 1

Speed: 1.7 mph

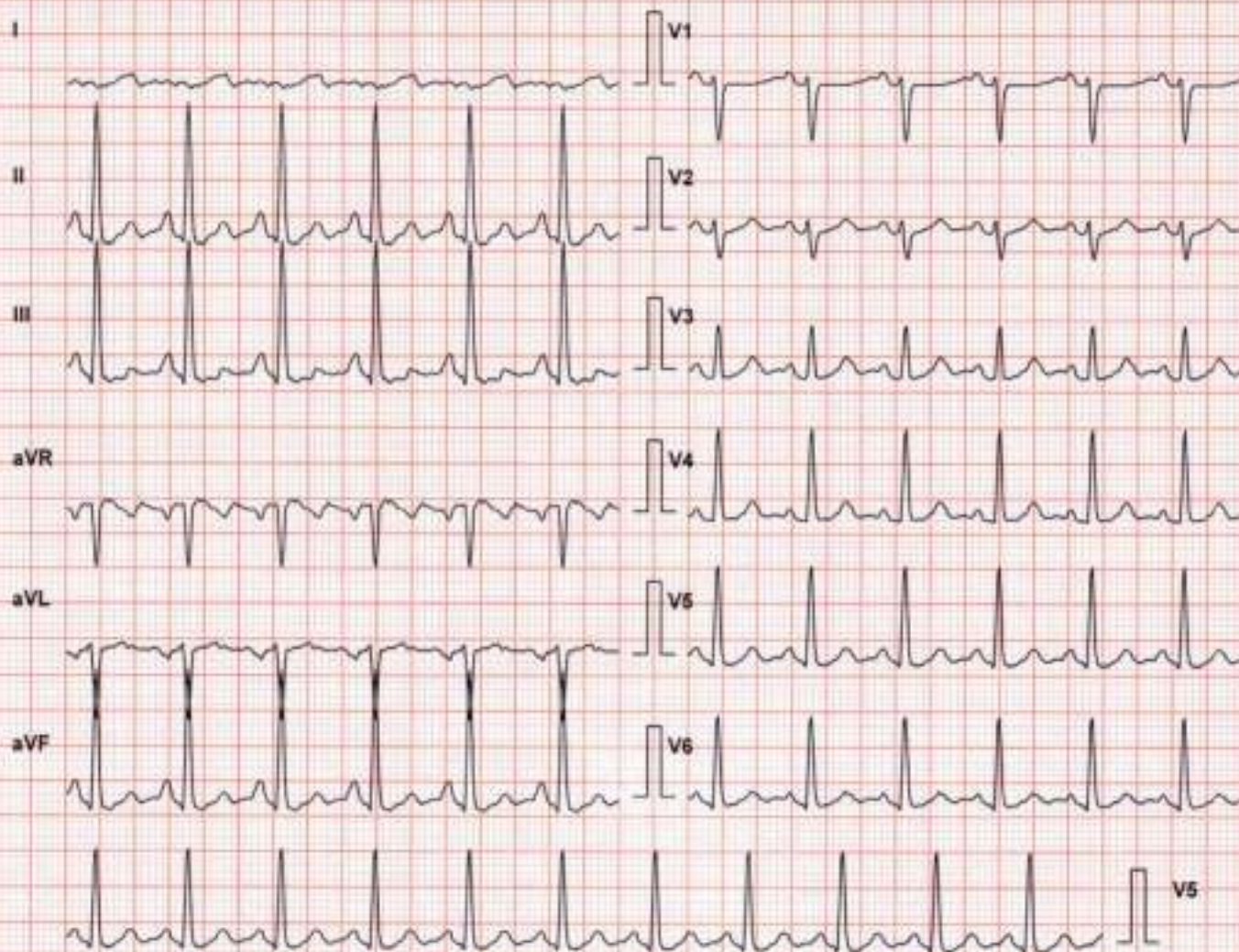
Grade: 10 %

Exec Time : 2 m 54 s

Stage Time : 2 m 54 s

HR: 109 bpm

(THR: 159 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.4	1.1
II	0.2	1.8
III	-0.4	0.7
aVR	-0.4	-1.4
aVL	0.6	0.7
aVF	0.0	1.4
V1	0.0	0.0
V2	0.6	1.1
V3	1.1	1.4
V4	0.6	0.7
V5	0.2	1.1
V6	0.4	1.1

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller Spandax V 4.5f

ISO = R + 60 ms J = R + 60 ms

Post J = J + 60 ms

Linked Median

Suburban Diagnostics Kalina

MRS. BHAVANA TEMBHARE (32 F)

ID: 2330119646

Date: 28-Oct-23

B.P: 130 / 60

Protocol: Bruce

Stage: Peak Ex

Speed: 2.5 mph

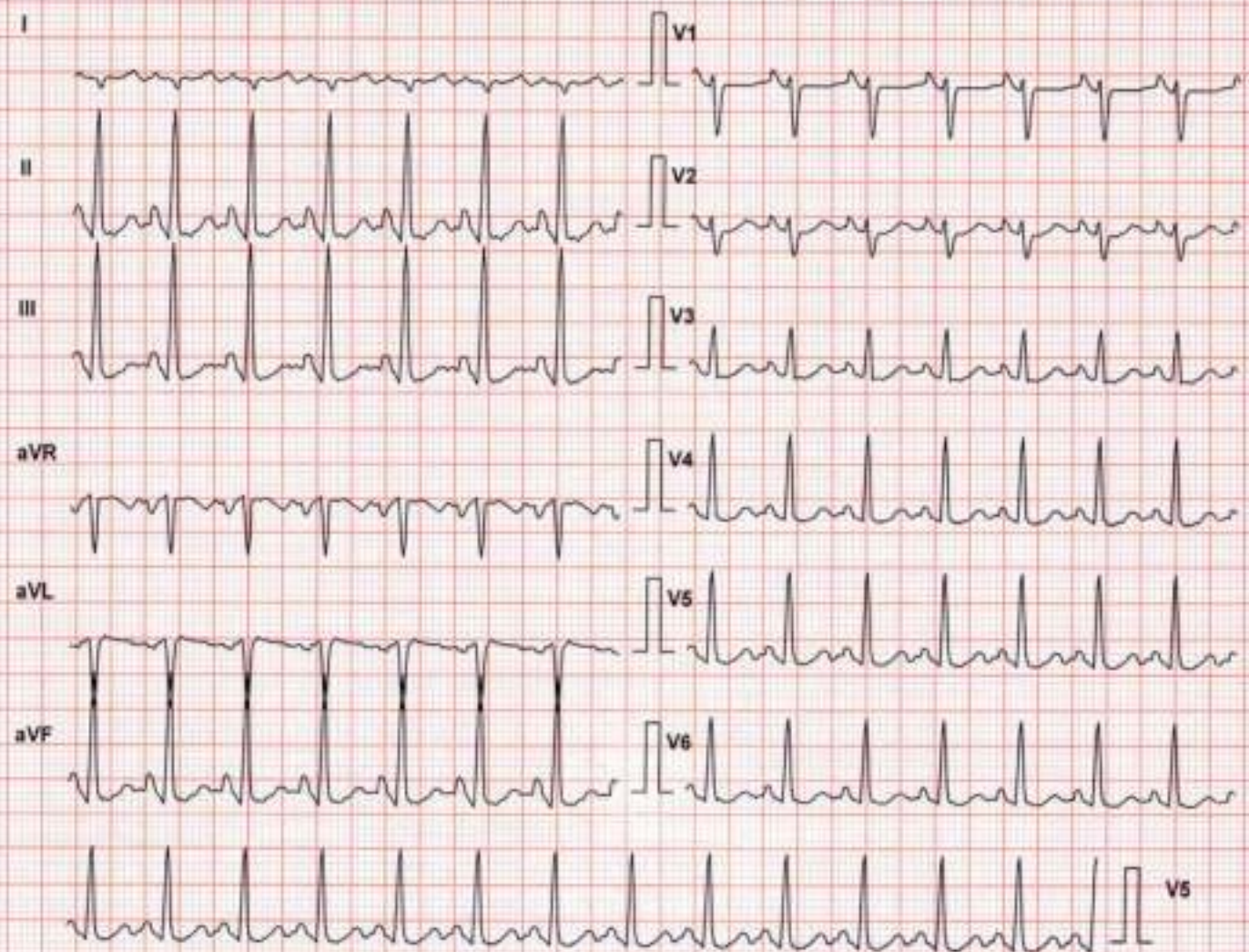
Grade: 12 %

Exec Time : 3 m 38 s

Stage Time : 0 m 38 s

HR: 130 bpm

(THR: 159 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.0	0.0
II	0.0	0.4
III	-0.2	1.1
aVR	0.0	0.4
aVL	0.2	-0.7
aVF	-0.2	0.7
V1	0.0	0.0
V2	0.2	1.1
V3	0.0	0.7
V4	-0.2	0.4
V5	-0.2	0.7
V6	-0.2	0.0

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

Schiller Spandax V 4.51

Pre-R = R - 60 ms J-R = R + 60 ms

Post-J = J + 50 ms

Linked Median

Suburban Diagnostics Kalina

MRS. BHAVANA TEMBHARE (32 F)

ID: 2330119646

Date: 28-Oct-23

B.P: 120 / 60

Protocol: Bruce

Stage: Recovery(1)

Speed: 1 mph

Grade: 0 %

Exec Time : 3 m 44 s

Stage Time : 1 m 54 s

HR: 59 bpm

(THR: 159 bpm)



Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller Spandax V 4.51

ISO - R - 60 ms J - R - 60 ms

Post J - J - 60 ms

Linked Median

Suburban Diagnostics Kalina

MRS. BHAVANA TEMBHARE (32 F)

ID: 2330119646

Date: 28-Oct-23

B.P: 110 / 60

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

Grade: 0 %

Exec Time : 3 m 44 s

Stage Time : 1 m 54 s

HR: 64 bpm

(THR: 159 bpm)

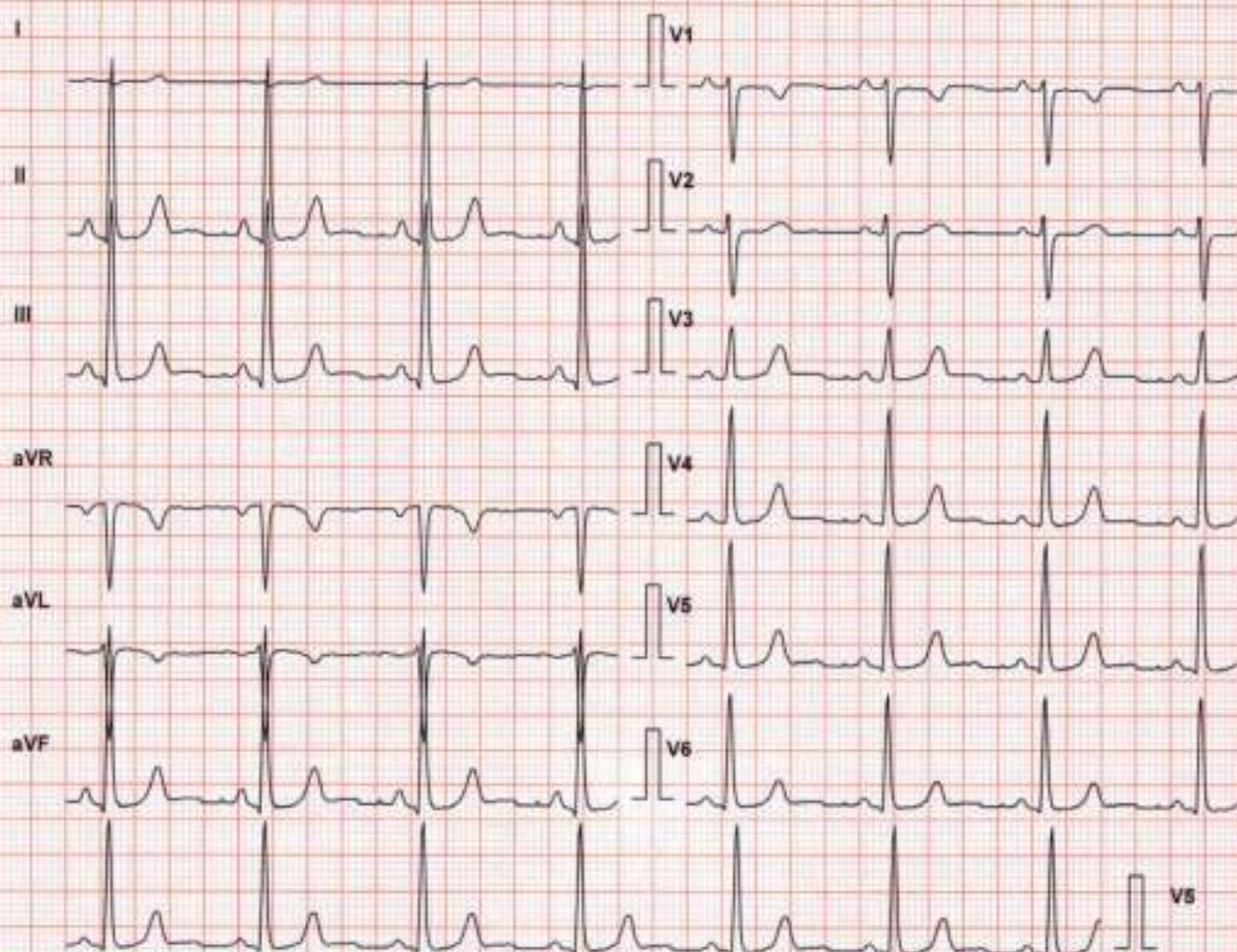


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

Schiller Spandian V 4.51

iso = R - 60 ms J = R + 60 ms

Post J = J + 60 ms

Linked Median

Suburban Diagnostics Kalina

MRS. BHAVANA TEMBHARE (32 F)

ID: 2330119646

Date: 28-Oct-23

B.P: 100 / 60

Protocol: Bruce

Stage: Recovery(3)

Speed: 0 mph

Grade: 0 %

Exec Time : 3 m 44 s

Stage Time : 0 m 58 s

HR: 77 bpm

(THR: 159 bpm)

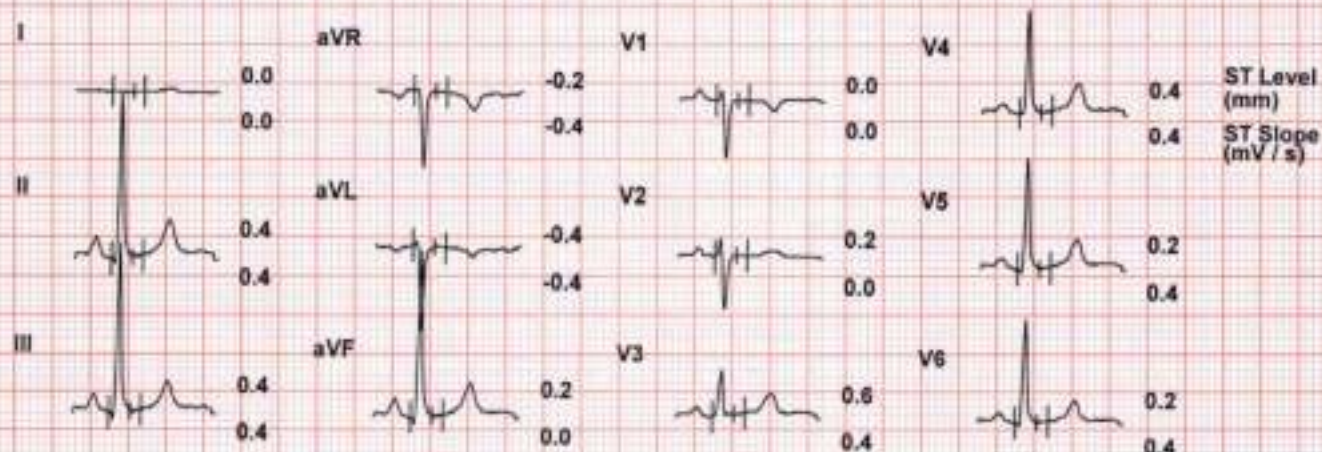
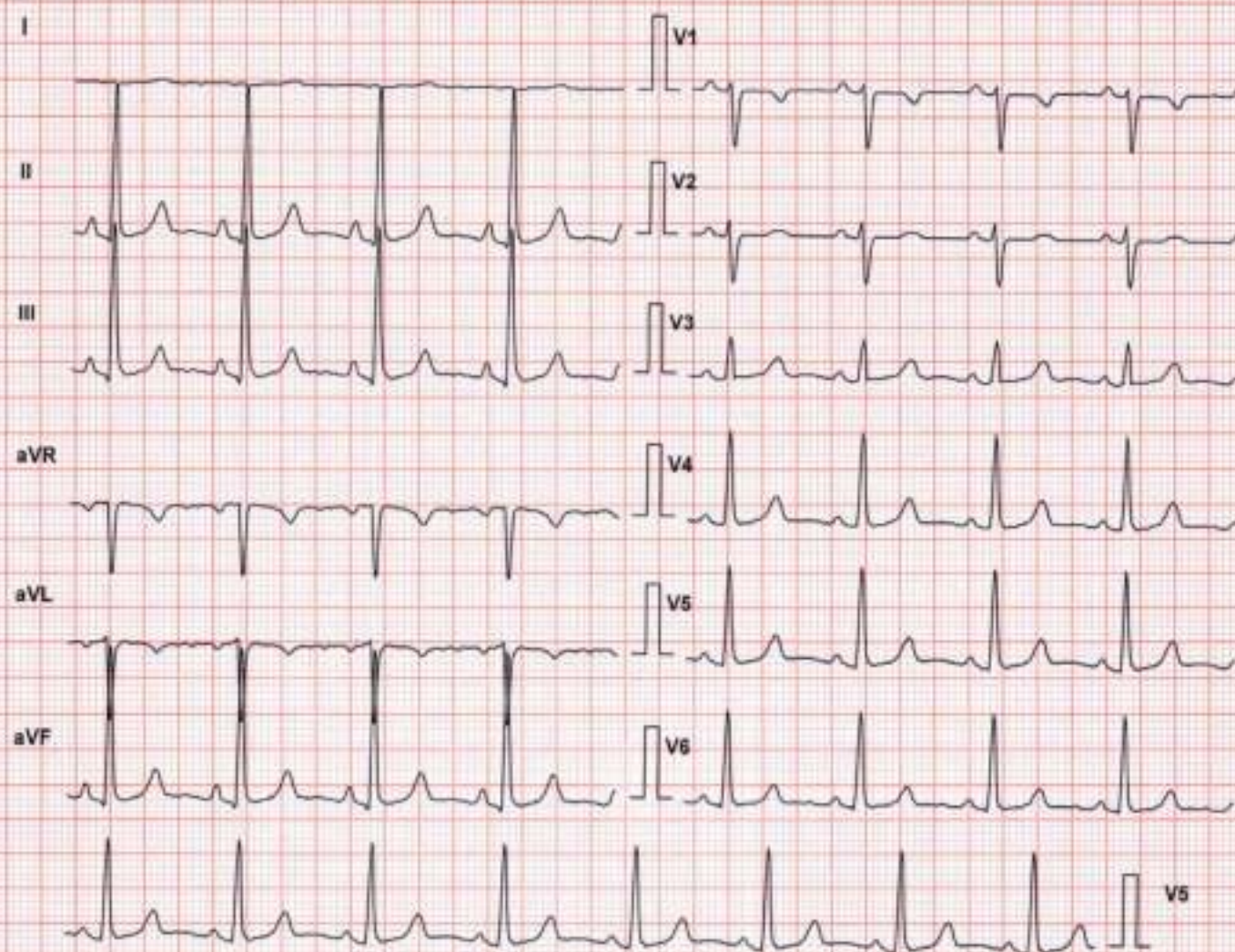


Chart Speed: 25 mm/sec
Schiller Spontan V4.5f

Filter: 35 Hz
Iso = R - 50 ms J = R + 50 ms

Mains Fil: ON
Post J = J + 50 ms

Amp: 10 mm
Linked Median

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Opp. Nzi Petrol Pump, Kalina, CST Road,
Santacruz (East),
Tel. No. 022-61700000

भारत सरकार
GOVERNMENT OF INDIA

भारत सरकार
Bhavna Tembhare
जन्म तिथि/DOB: 15/10/1991
महिला / FEMALE



3899 8688 2692

आधार-आम आदमी का अधिकार

8652044220
Dr. D.G. HATALKAR
R.No. 61067 M.D. (Ob.Gy)



CID : 2330119646
Name : Mrs Bhavana Tembhare
Age / Sex : 32 Years/Female
Ref. Dr :
Reg. Location : Kalina, Santacruz East Main Centre
Reg. Date : 28-Oct-2023
Reported : 30-Oct-2023 / 9:33

Use a QR Code Scanner
Application To Scan the Code

X-RAY CHEST PA VIEW

Both lung fields are clear.

Both costo-phrenic angles are clear.

The cardiac size and shape are within normal limits.

The domes of diaphragm are normal in position and outlines.

The skeleton under review appears normal.

IMPRESSION:

NO SIGNIFICANT ABNORMALITY IS DETECTED.

-----End of Report-----

Arohan

DR.ASHA DHAVAN
MBBS ; D.M.R.E
CONSULTANT RADIOLOGIST

Click here to view images <<ImageLink>>



CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 28-Oct-2023 / 09:30
Reported : 28-Oct-2023 / 12:34

Use a QR Code Scanner
Application To Scan the Code

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>RBC PARAMETERS</u>			
Haemoglobin	12.8	12.0-15.0 g/dL	Spectrophotometric
RBC	4.61	3.8-4.8 mil/cmm	Elect. Impedance
PCV	39.7	36-46 %	Calculated
MCV	86.1	81-101 fl	Measured
MCH	27.9	27-32 pg	Calculated
MCHC	32.4	31.5-34.5 g/dL	Calculated
RDW	13.8	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	6000	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	33.7	20-40 %	
Absolute Lymphocytes	2020	1000-3000 /cmm	Calculated
Monocytes	10.2	2-10 %	
Absolute Monocytes	610	200-1000 /cmm	Calculated
Neutrophils	48.0	40-80 %	
Absolute Neutrophils	2880	2000-7000 /cmm	Calculated
Eosinophils	7.5	1-6 %	
Absolute Eosinophils	450	20-500 /cmm	Calculated
Basophils	0.6	0.1-2 %	
Absolute Basophils	40	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<u>PLATELET PARAMETERS</u>			
Platelet Count	371000	150000-410000 /cmm	Elect. Impedance
MPV	7.2	6-11 fl	Measured
PDW	12.2	11-18 %	Calculated
<u>RBC MORPHOLOGY</u>			
Hypochromia	-		
Microcytosis	-		



Use a QR Code Scanner
Application To Scan the Code

CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 28-Oct-2023 / 09:30
Reported : 28-Oct-2023 / 12:42

Macrocytosis	-
Anisocytosis	-
Poikilocytosis	-
Polychromasia	-
Target Cells	-
Basophilic Stippling	-
Normoblasts	-
Others	Normocytic, Normochromic
WBC MORPHOLOGY	-
PLATELET MORPHOLOGY	-
COMMENT	-

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 9 2-20 mm at 1 hr. Sedimentation

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab
*** End Of Report ***



Dr. Leena Salunkhe
Dr.LEENA SALUNKHE
M.B.B.S, DPB (PATH)
Pathologist



CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

Use a QR Code Scanner
Application To Scan the Code
Collected : 28-Oct-2023 / 09:30
Reported : 28-Oct-2023 / 12:42

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	81	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	63	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.34	0.3-1.2 mg/dl	Vanadate oxidation
BILIRUBIN (DIRECT), Serum	0.13	0-0.3 mg/dl	Vanadate oxidation
BILIRUBIN (INDIRECT), Serum	0.21	<1.2 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.0	5.7-8.2 g/dL	Biuret
ALBUMIN, Serum	4.2	3.2-4.8 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.5	1 - 2	Calculated
SGOT (AST), Serum	21.3	<34 U/L	Modified IFCC
SGPT (ALT), Serum	13.7	10-49 U/L	Modified IFCC
GAMMA GT, Serum	11.5	<38 U/L	Modified IFCC
ALKALINE PHOSPHATASE, Serum	68.7	46-116 U/L	Modified IFCC
BLOOD UREA, Serum	16.1	19.29-49.28 mg/dl	Calculated
BUN, Serum	7.5	9.0-23.0 mg/dl	Urease with GLDH
CREATININE, Serum	0.54	0.55-1.02 mg/dl	Enzymatic

Note: Kindly note in change in reference range w.e.f. 07-09-2023



CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 28-Oct-2023 / 13:52
Reported : 28-Oct-2023 / 18:22

Use a QR Code Scanner
Application To Scan the Code

eGFR, Serum	125	(ml/min/1.73sqm)	Calculated
		Normal or High: Above 90	
		Mild decrease: 60-89	
		Mild to moderate decrease: 45-59	
		Moderate to severe decrease: 30-44	
		Severe decrease: 15-29	
		Kidney failure: <15	

Note: eGFR estimation is calculated using 2021 CKD-EPI GFR equation w.e.f 16-08-2023

URIC ACID, Serum	3.8	3.1-7.8 mg/dl	Uricase/ Peroxidase
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	
Urine Sugar (PP)	Absent	Absent	
Urine Ketones (PP)	Absent	Absent	

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab
*** End Of Report ***



Dr. ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab Director



CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 28-Oct-2023 / 09:30
Reported : 28-Oct-2023 / 13:41

Use a QR Code Scanner
Application To Scan the Code

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
GLYCOSYLATED HEMOGLOBIN (HbA1c)

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.3	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	105.4	mg/dl	Calculated

Intended use:

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

Clinical Significance:

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab

*** End Of Report ***



Namrata Raul

Dr.NAMRATA RAUL
M.D (Biochem)
Biochemist



CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 28-Oct-2023 / 09:30
Reported : 28-Oct-2023 / 13:27

Use a QR Code Scanner
Application To Scan the Code

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
URINE EXAMINATION REPORT

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>PHYSICAL EXAMINATION</u>			
Color	Pale Yellow	Pale Yellow	-
Reaction (pH)	5.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.001-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	30	-	-
<u>CHEMICAL EXAMINATION</u>			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
<u>MICROSCOPIC EXAMINATION</u>			
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	2-3		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	+(>20/hpf)	Less than 20/hpf	
Others	-		

Kindly rule out contamination.

Interpretation: The concentration values of Chemical analytes corresponding to the grading given in the report are as follows:

- Protein (1+ = 25 mg/dl , 2+ =75 mg/dl , 3+ = 150 mg/dl , 4+ = 500 mg/dl)
- Glucose(1+ = 50 mg/dl , 2+ =100 mg/dl , 3+ =300 mg/dl ,4+ =1000 mg/dl)
- Ketone (1+ =5 mg/dl , 2+ = 15 mg/dl , 3+= 50 mg/dl , 4+ = 150 mg/dl)

Reference: Pack inert



Dr. Vrushali Shroff

Dr.VRUSHALI SHROFF
M.D.(PATH)
Pathologist



CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 28-Oct-2023 / 09:30
Reported : 28-Oct-2023 / 13:27

Use a QR Code Scanner
Application To Scan the Code

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab
*** End Of Report ***



CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 28-Oct-2023 / 09:30
Reported : 28-Oct-2023 / 13:07

Use a QR Code Scanner
Application To Scan the Code

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
BLOOD GROUPING & Rh TYPING

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	O
Rh TYPING	Positive

NOTE: Test performed by automated Erythrocytes magnetized technology (EMT) which is more sensitive than conventional methods.

Specimen: EDTA Whole Blood and/or serum

Clinical significance:

ABO system is most important of all blood group in transfusion medicine

Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

References:

1. Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company. Philadelphia
2. AABB technical manual

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab

*** End Of Report ***



Dr. Vrushali Shroff

Dr.VRUSHALI SHROFF
M.D.(PATH)
Pathologist



CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

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Reported : 28-Oct-2023 / 13:25

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	148.5	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	57.0	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic colorimetric
HDL CHOLESTEROL, Serum	55.4	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Elimination/ Catalase
NON HDL CHOLESTEROL, Serum	93.1	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	81.7	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >/= 190 mg/dl	Calculated
VLDL CHOLESTEROL, Serum	11.4	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	2.7	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	1.5	0-3.5 Ratio	Calculated

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab
*** End Of Report ***



Dr. Vrushi Shroff

Dr.VRUSHALI SHROFF
M.D.(PATH)
Pathologist



CID : 2330119646
Name : MRS.BHAVANA TEMBHARE
Age / Gender : 32 Years / Female
Consulting Dr. : -
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 28-Oct-2023 / 09:30
Reported : 28-Oct-2023 / 12:36

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
THYROID FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Free T3, Serum	3.9	3.5-6.5 pmol/L	CLIA
Free T4, Serum	16.0	11.5-22.7 pmol/L	CLIA
sensitiveTSH, Serum	1.689	0.55-4.78 microIU/ml	CLIA

Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

Clinical Significance:

1)TSH Values between high abnormal upto15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors

can give falsely high TSH.

2)TSH values may be transiently altered because of non thyroidal illness like severe infections,liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non-thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.

Diurnal Variation:TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am , and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7%(with in subject variation)

Reflex Tests:Anti thyroid Antibodies,USG Thyroid ,TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations:

1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours following the last biotin administration.

2. Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results. this assay is designed to minimize interference from heterophilic antibodies.

Reference:

- 1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
- 2.Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357
- 3.Tietz ,Text Book of Clinical Chemistry and Molecular Biology -5th Edition
- 4.Biological Variation:From principles to Practice-Callum G Fraser (AACC Press)



Anupa

Dr.ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab Director



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Reg. Location : Kalina, Santacruz East (Main Centre)

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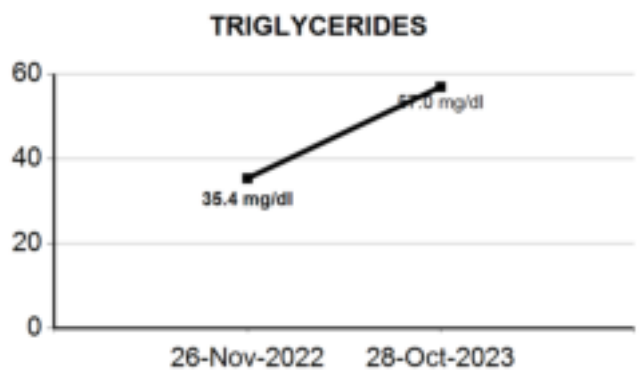
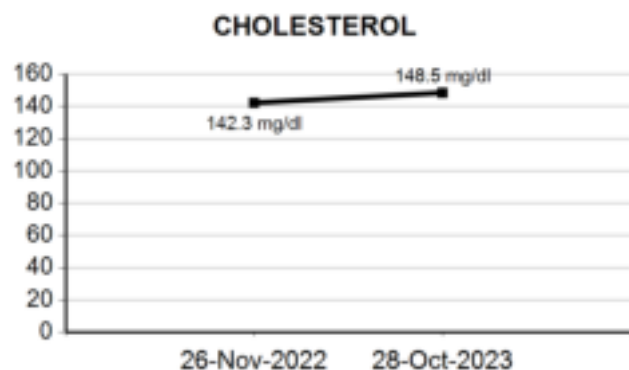
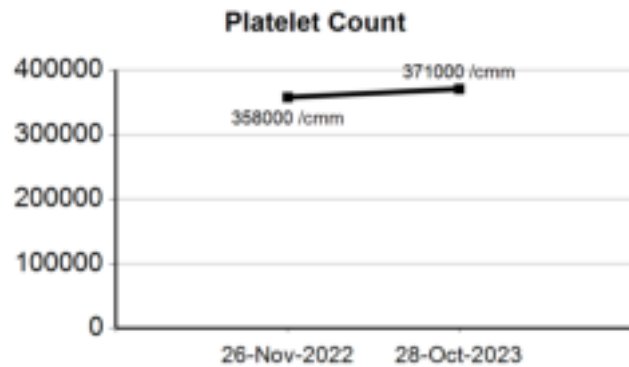
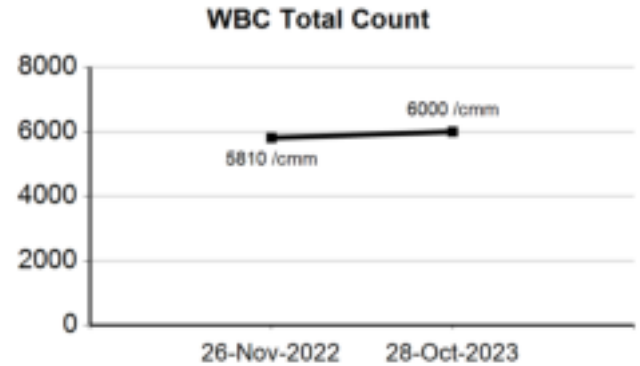
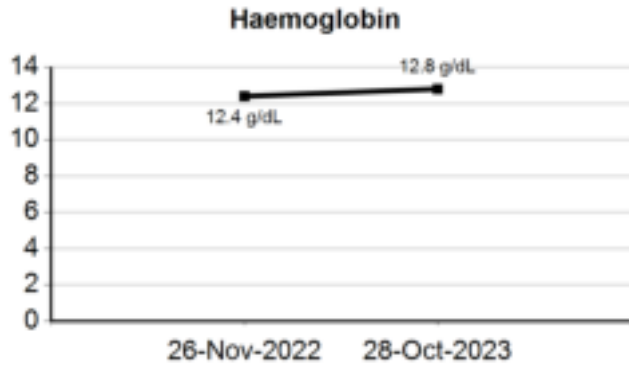
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*** End Of Report ***



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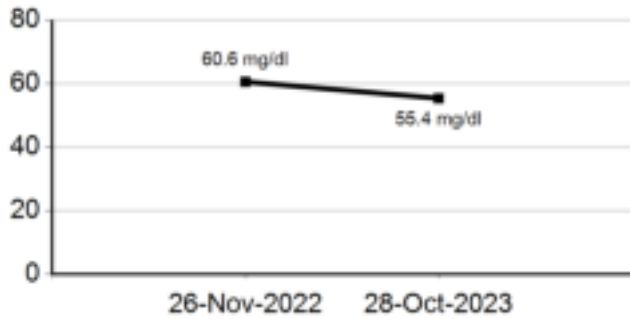




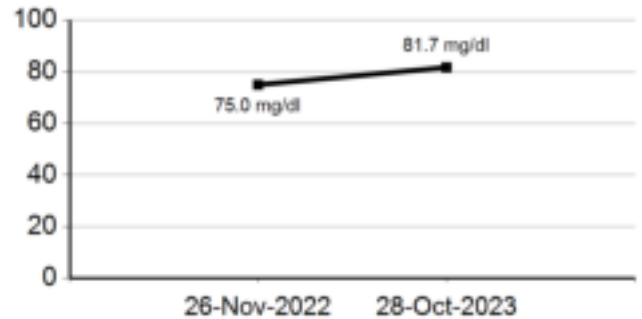
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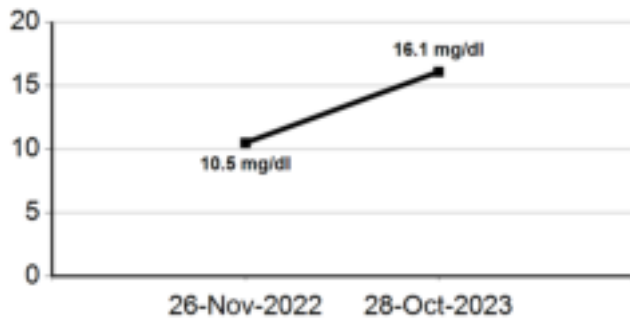
HDL CHOLESTEROL



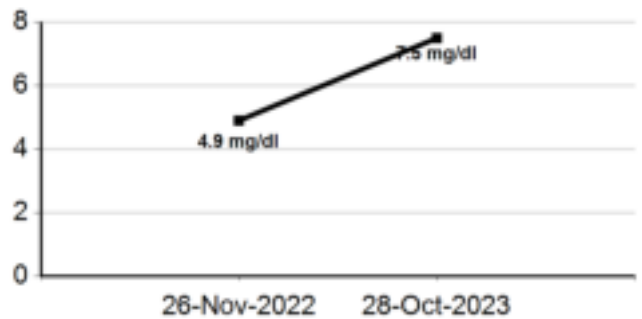
LDL CHOLESTEROL



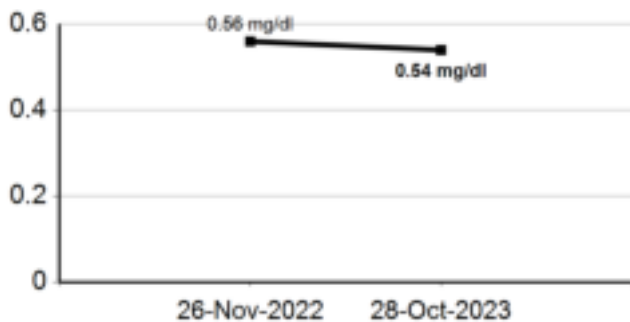
BLOOD UREA



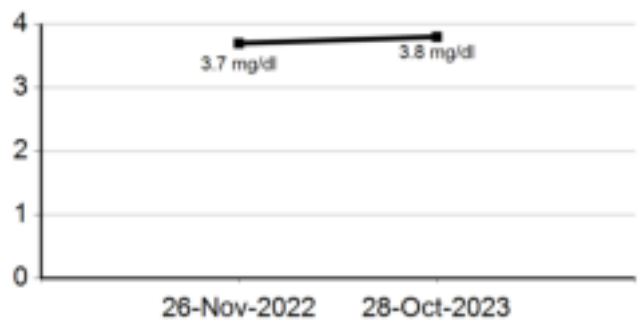
BUN



CREATININE



URIC ACID

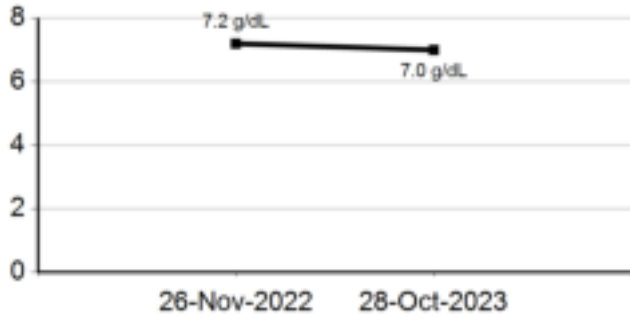




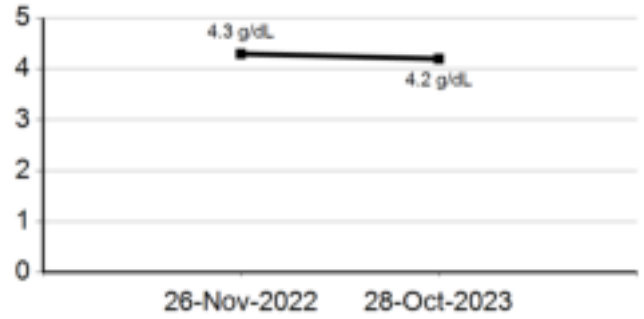
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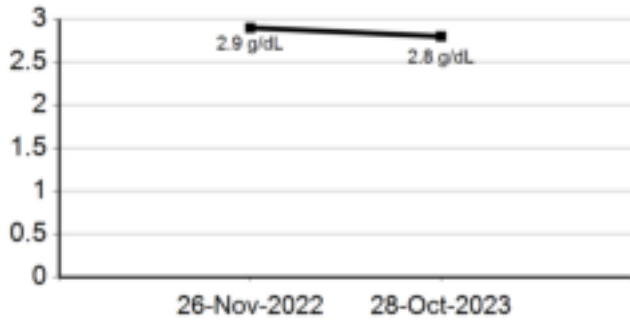
TOTAL PROTEINS



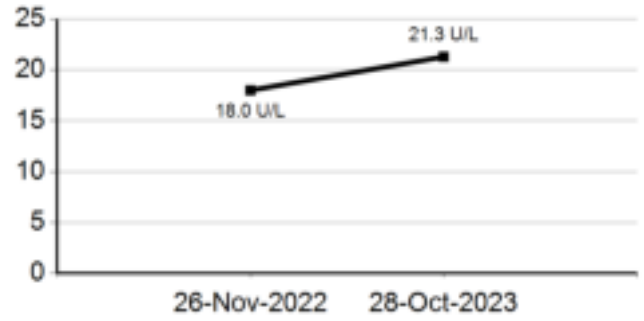
ALBUMIN



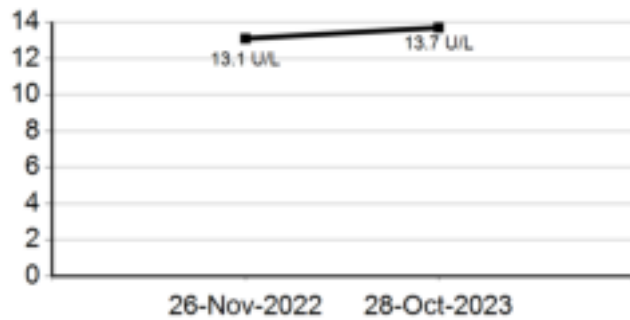
GLOBULIN



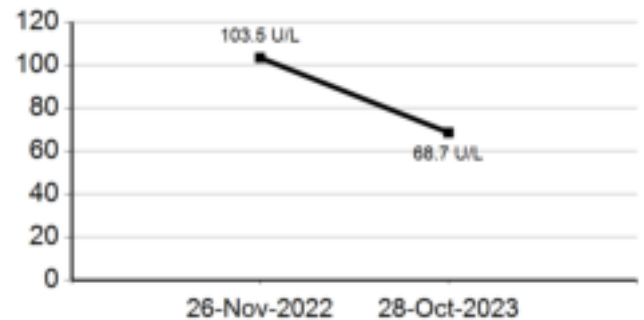
SGOT (AST)



SGPT (ALT)



ALKALINE PHOSPHATASE

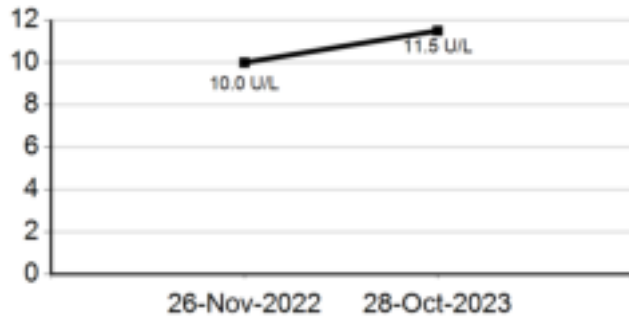




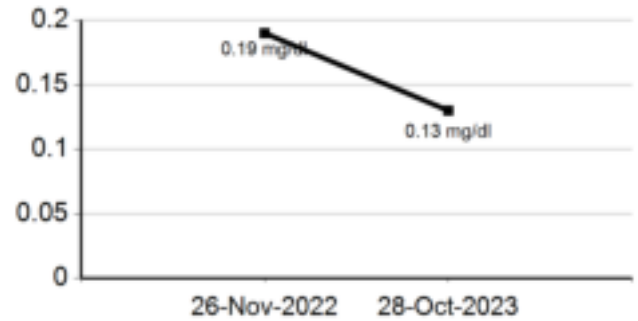
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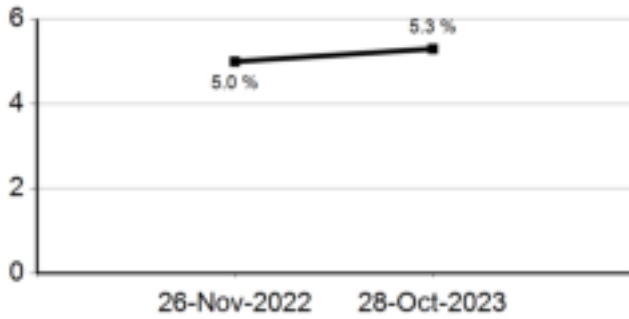
GAMMA GT



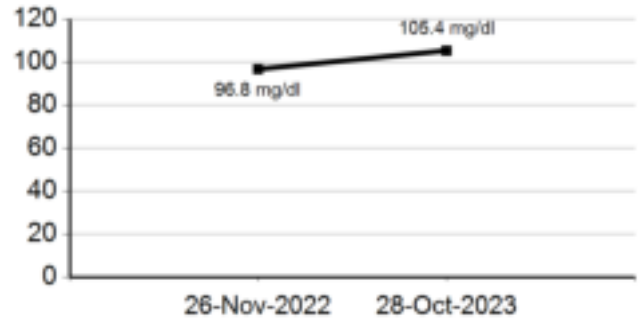
BILIRUBIN (DIRECT)



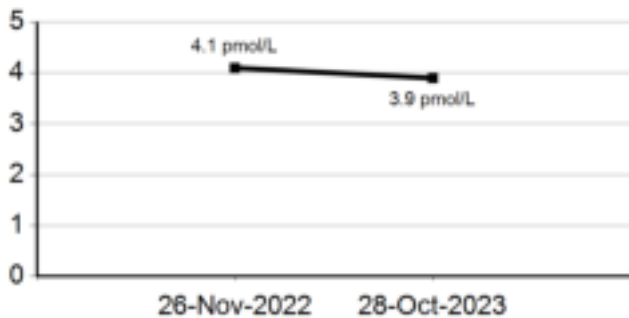
Glycosylated Hemoglobin (HbA1c)



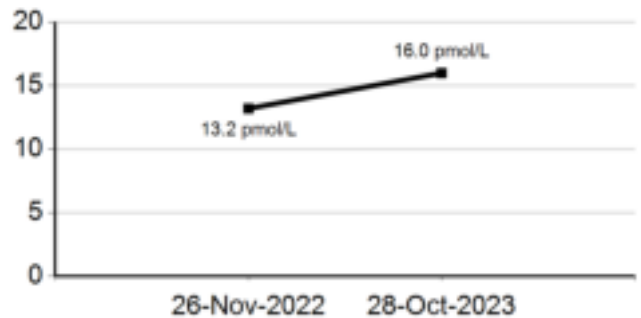
Estimated Average Glucose (eAG)



Free T3



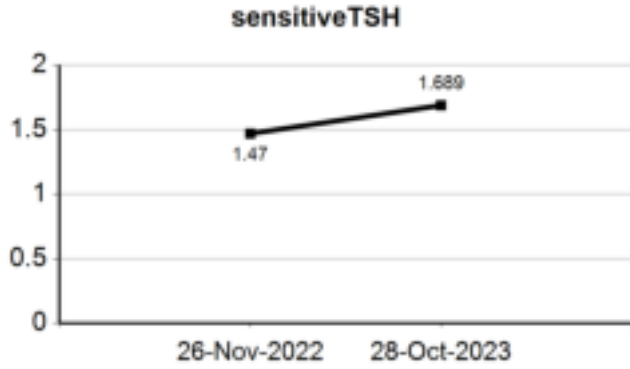
Free T4





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Reg. Location : Kalina, Santacruz East (Main Centre)



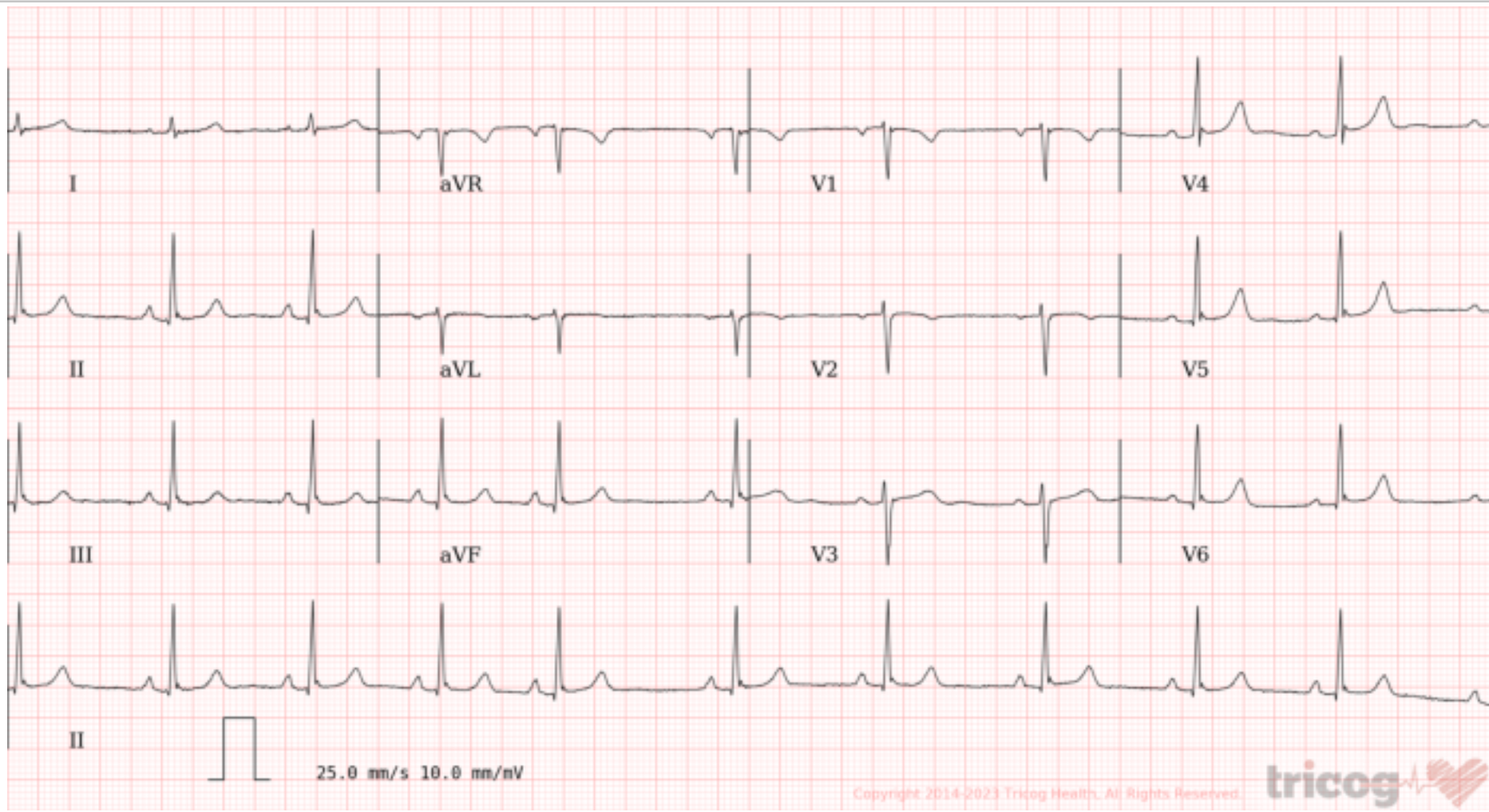
SUBURBAN DIAGNOSTICS - KALINA, SANTACRUZ EAST



Patient Name: BHAVANA TEMBHARE

Date and Time: 28th Oct 23 10:24 AM

Patient ID: 2330119646



Age **32** **NA** **NA**
years months days

Gender **Female**

Heart Rate **63bpm**

Patient Vitals

BP: NA
Weight: NA
Height: NA
Pulse: NA
Spo2: NA
Resp: NA
Others: _____

Measurements

QRSD: 80ms
QT: 404ms
QTcB: 413ms
PR: 164ms
P-R-T: 75° 84° 73°

ECG Within Normal Limits: Sinus Rhythm, Sinus Arrhythmia Seen. Early Repolarization. Please correlate clinically.

REPORTED BY

Dr Naveed Sheikh
PGDCC
2016/11/4694

Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.