



आयकर विभाग  
INCOME TAX DEPARTMENT




भारत सरकार  
GOVT. OF INDIA

SANGEETA BHAGATE  
PARSHURAM TUKARAM NEMAN

04/02/1986  
Permanent Account Number

BHQP6075A

संज्ञिता सं. प्रज्ञतो  
Signature



13/12/2011

8898404647

Seed

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



## Suburban Diagnostics Kalina

**Patient Details**      **Date:** 27-Mar-23      **Time:** 1:15:59 PM  
**Name:** MRS. SANGEETA BHAGATE ID: 2308601400  
**Age:** 37 y      **Sex:** F      **Height:** 143 cms.      **Weight:** 73 Kg.  
**Clinical History:** Routine Test

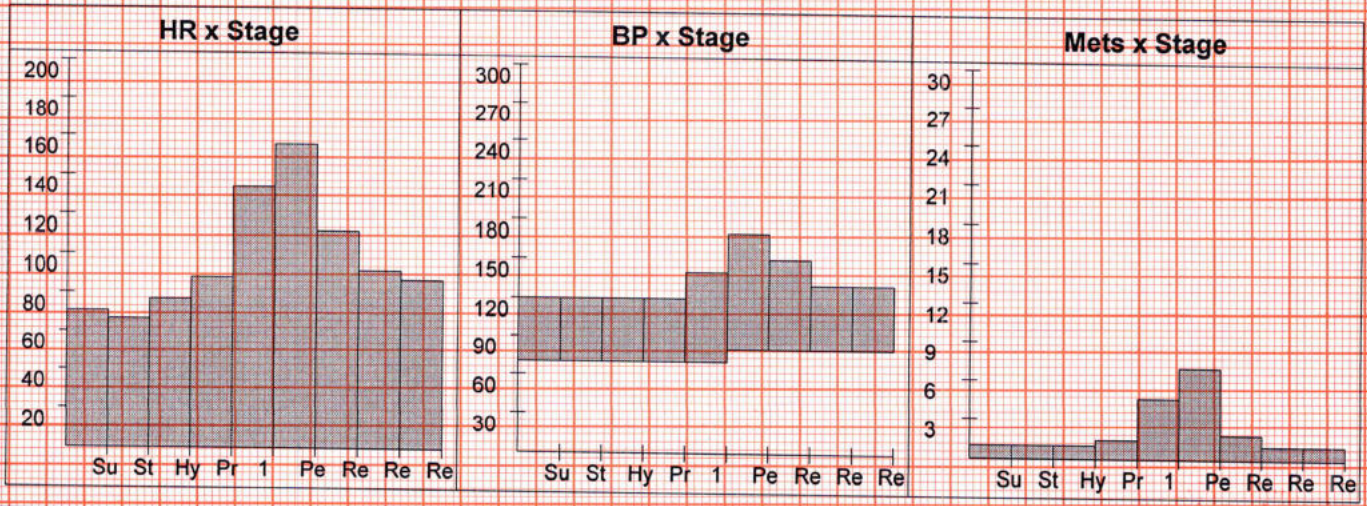
**Medications:** NONE

### Test Details

**Protocol:** Bruce      **Pr.MHR:** 183 bpm      **THR:** 155 (85 % of Pr.MHR) bpm  
**Total Exec. Time:** 4 m 49 s      **Max. HR:** 156 (85% of Pr.MHR) bpm      **Max. Mets:** 7.00  
**Max. BP:** 170 / 80 mmHg      **Max. BP x HR:** 26520 mmHg/min      **Min. BP x HR:** 4690 mmHg/min  
**Test Termination Criteria:** Target HR attained

### 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 : 54	1.0	0	0	71	120 / 70	-1.06 aVR	1.77 II
Standing	0 : 6	1.0	0	0	67	120 / 70	-1.06 aVR	1.06 II
Hyperventilation	0 : 23	1.0	0	0	77	120 / 70	-1.06 aVR	1.06 II
1	3 : 0	4.6	1.7	10	134	140 / 70	-1.27 aVR	3.89 II
Peak Ex	1 : 49	7.0	2.5	12	156	170 / 80	-1.49 III	3.18 II
Recovery(1)	2 : 0	1.8	1	0	112	150 / 80	-2.12 aVL	-4.60 aVR
Recovery(2)	2 : 0	1.0	0	0	92	130 / 80	-0.64 III	1.77 II
Recovery(3)	1 : 4	1.0	0	0	87	130 / 80	-0.64 aVR	1.42 II





## Suburban Diagnostics Kalina



### Patient Details

Date: 27-Mar-23

Time: 1:15:59 PM

Name: MRS. SANGEETA BHAGATE ID: 2308601400

Age: 37 y

Sex: F

Height: 143 cms.

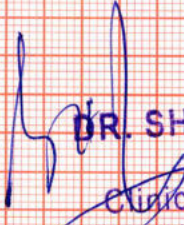
Weight: 73 Kg.

### Interpretation

POOR EFFORT TOLEREANCE  
NORMAL HEART RATE RESPONSE  
NORMAL BLOOD PRESSURE RESPONSE  
NO ANGINA/ANGINA EQUIVALENTS  
NO ARRTHYMIAS  
NO SIGNIFICANT ST-T CHANGES NOTED AS COMPARED TO BASELINE  
ECG  
IMPRESSION : STRESS TEST IS NEGATIVE 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

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Tel. No. 022-61700000

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

Ref. Doctor: .....

( Summary Report edited by user )



# Suburban Diagnostics Kalina

MRS. SANGEETA BHAGATE (37 F)

ID: 2308601400

Date: 27-Mar-23

B.P: 120 / 70

Protocol: Bruce

Stage: Supine

Speed: 0 mph

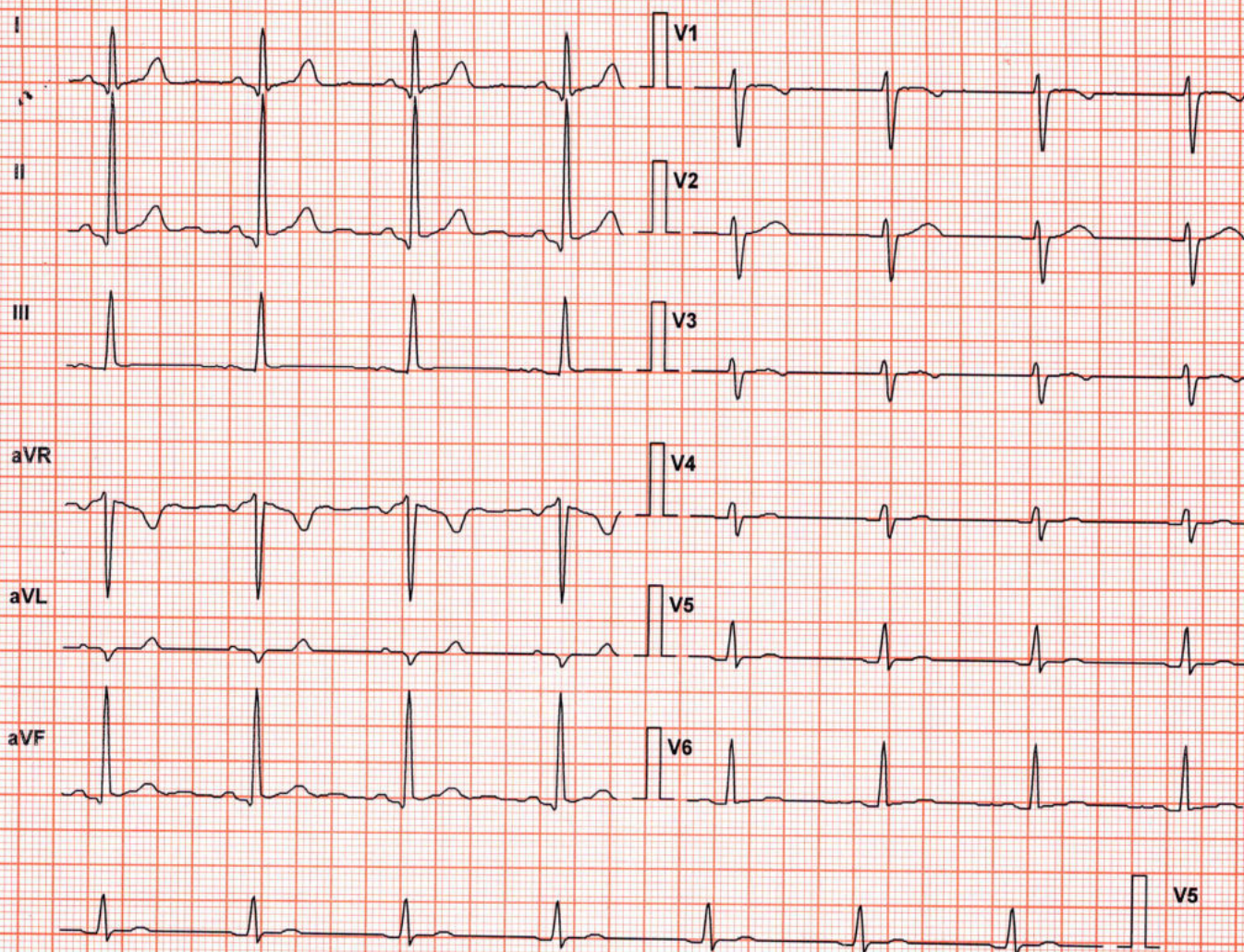
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 48 s

HR: 67 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.6	0.4
II	1.3	1.1
III	0.6	0.4
aVR	-1.1	-1.1
aVL	0.0	0.0
aVF	0.8	0.7
V1	0.4	0.0
V2	0.6	0.7
V3	0.2	0.4
V4	0.2	0.0
V5	0.4	0.0
V6	0.6	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller Spandan V4.51

Iso = R - 60 ms J = R + 60 ms

Post J = J + 60 ms

Linked Median



# Suburban Diagnostics Kalina

MRS. SANGEETA BHAGATE (37 F)

ID: 2308601400

Date: 27-Mar-23

B.P: 120 / 70

Protocol: Bruce

Stage: Standing

Speed: 0 mph

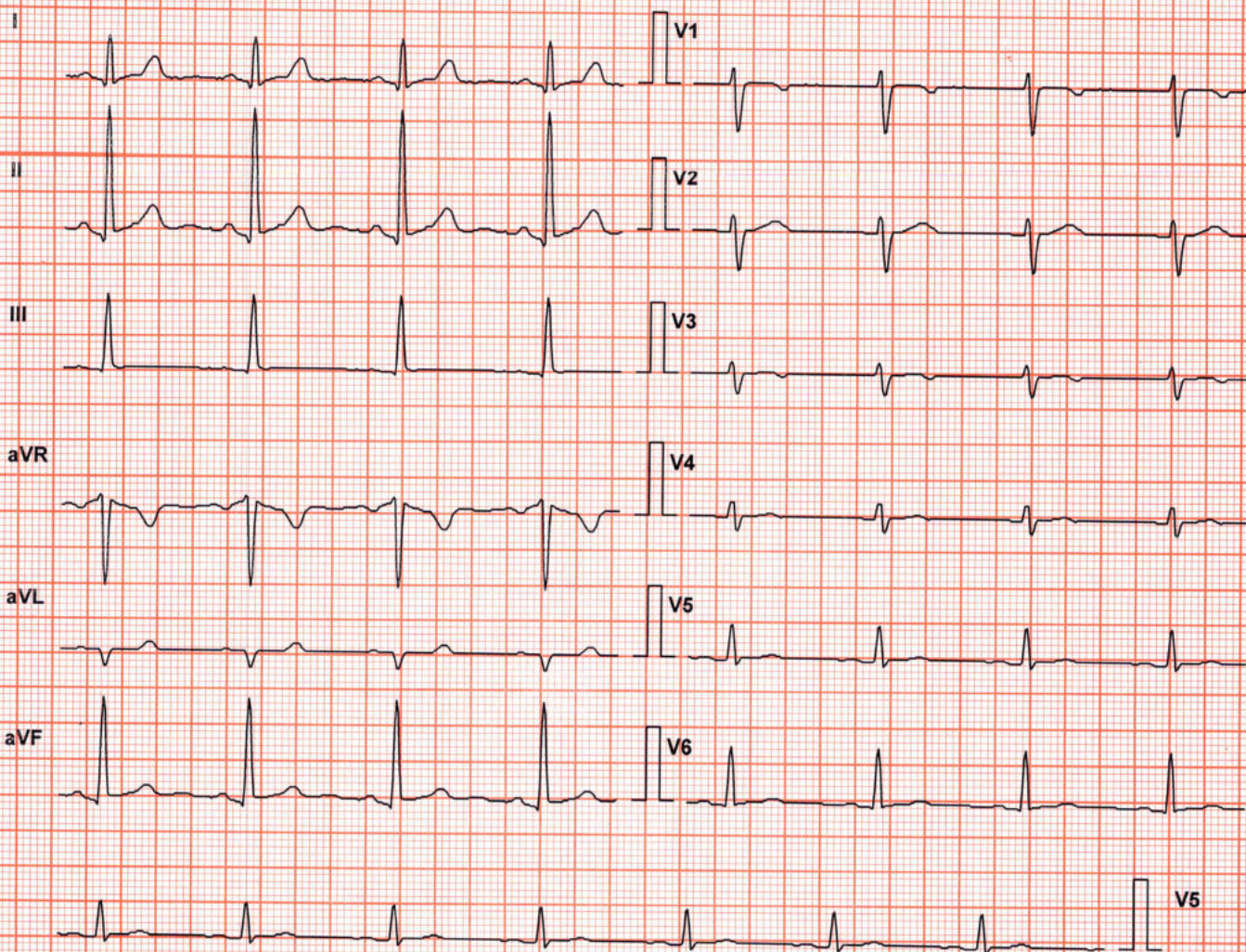
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 0 s

HR: 69 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.6	0.7
II	1.1	0.7
III	0.4	0.4
aVR	-0.8	-0.7
aVL	0.0	0.0
aVF	0.8	0.4
V1	0.2	0.0
V2	0.6	0.7
V3	0.0	0.0
V4	0.2	0.0
V5	0.4	0.0
V6	0.4	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller Spandan V 4.51

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



# Suburban Diagnostics Kalina

MRS. SANGEETA BHAGATE (37 F)

ID: 2308601400

Date: 27-Mar-23

B.P: 120 / 70

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

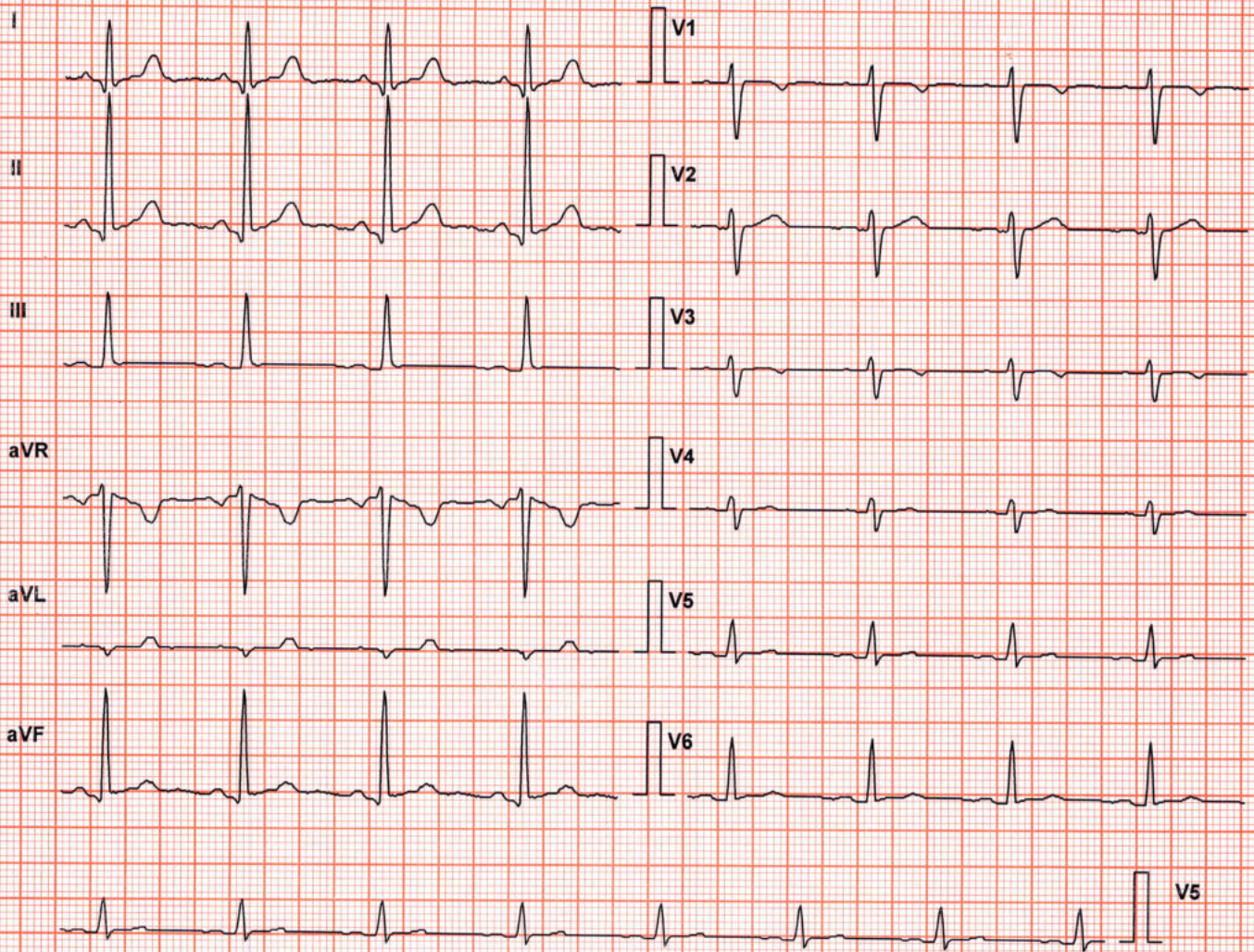
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 17 s

HR: 74 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.6	1.1
II	1.3	1.1
III	0.6	0.4
aVR	-0.8	-1.1
aVL	0.0	0.0
aVF	0.8	0.7
V1	0.2	0.0
V2	0.6	0.4
V3	0.2	0.4
V4	0.2	0.0
V5	0.4	0.0
V6	0.6	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller Spandan V 4.51

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



# Suburban Diagnostics Kalina

MRS. SANGEETA BHAGATE (37 F)

ID: 2308601400

Date: 27-Mar-23

B.P: 140 / 70

Protocol: Bruce

Stage: 1

Speed: 1.7 mph

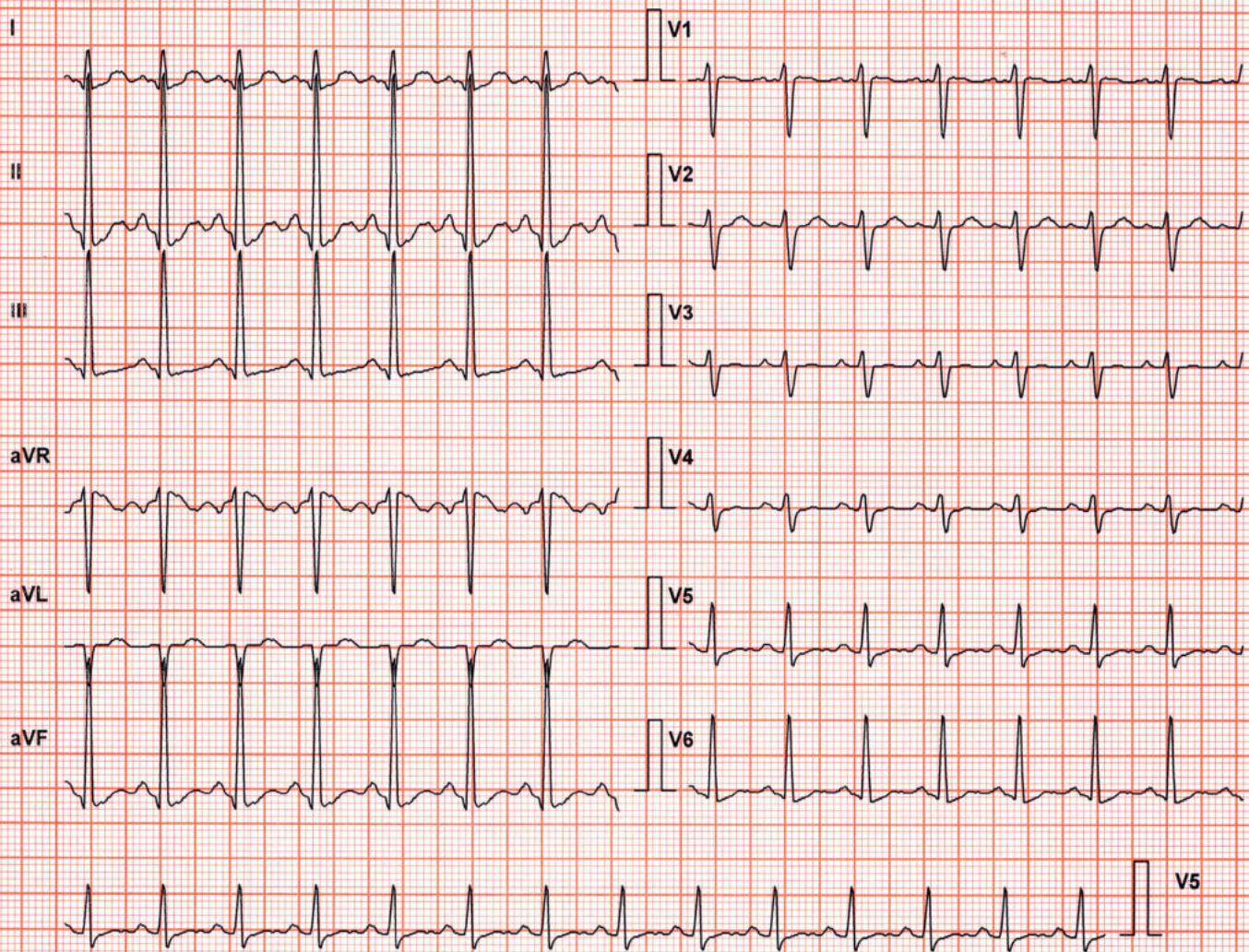
Grade: 10 %

Exec Time : 2 m 54 s

Stage Time : 2 m 54 s

HR: 134 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.2	1.4
II	0.2	2.5
III	-0.2	1.1
aVR	-0.2	-2.1
aVL	0.2	0.4
aVF	0.0	1.4
V1	0.4	-0.4
V2	0.4	0.7
V3	0.2	0.4
V4	0.2	0.0
V5	0.4	1.1
V6	0.4	1.4

Chart Speed: 25 mm/sec  
Schiller Spandan V 4.51

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. SANGEETA BHAGATE (37 F)

ID: 2308601400

Date: 27-Mar-23

B.P: 170 / 80

Protocol: Bruce

Stage: Peak Ex

Speed: 2.5 mph

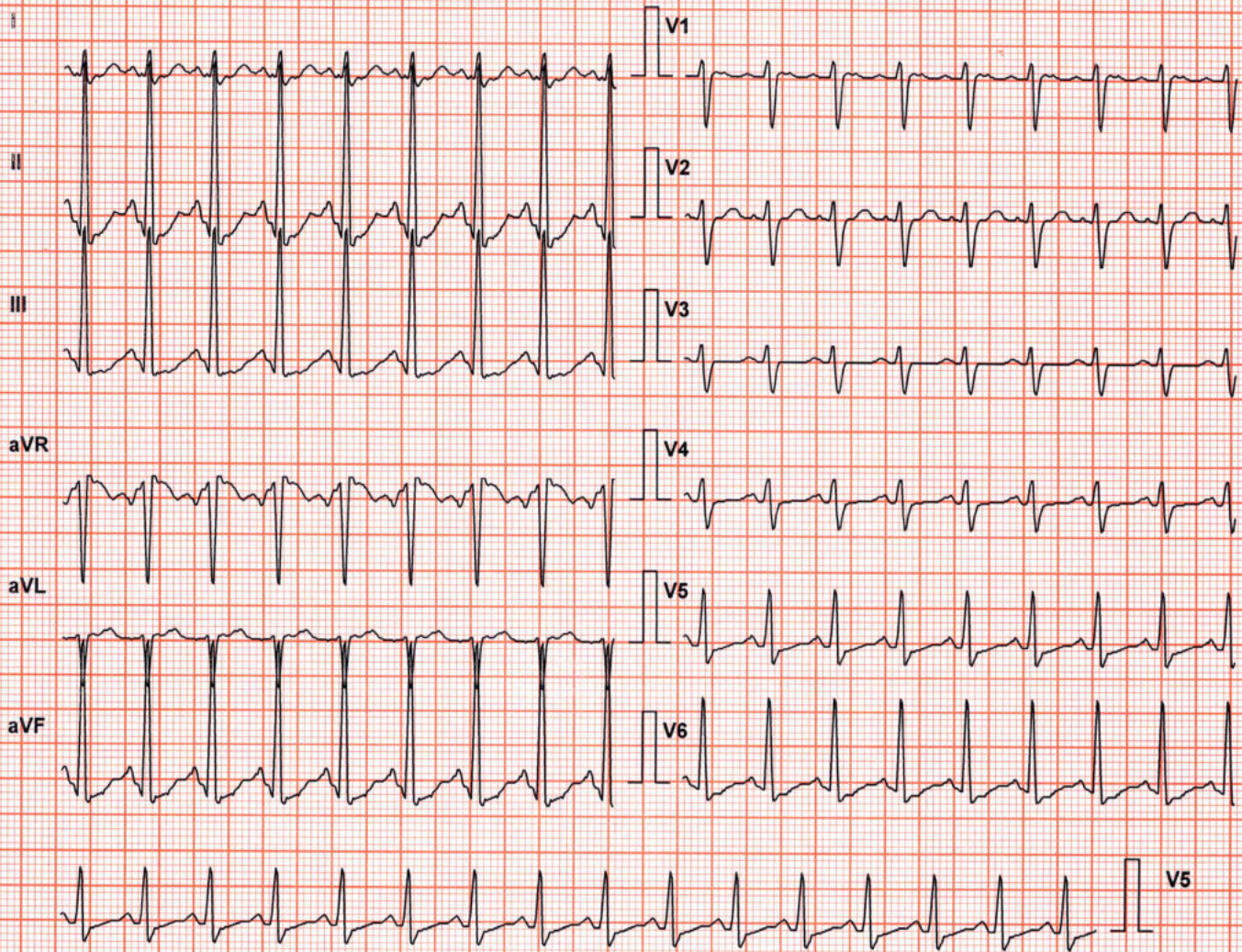
Grade: 12 %

Exec Time : 4 m 43 s

Stage Time : 1 m 43 s

HR: 156 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.4	1.1
II	-0.6	1.8
III	-1.7	0.0
aVR	0.0	-1.4
aVL	-0.6	1.8
aVF	-1.7	0.0
V1	0.2	-0.4
V2	0.8	1.1
V3	0.0	0.0
V4	0.2	0.4
V5	0.0	0.7
V6	-0.4	0.7

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller Spandan V 4.51

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



# Suburban Diagnostics Kalina

MRS. SANGEETA BHAGATE (37 F)

ID: 2308601400

Date: 27-Mar-23

B.P: 150 / 80

Protocol: Bruce

Stage: Recovery(1)

Speed: 1 mph

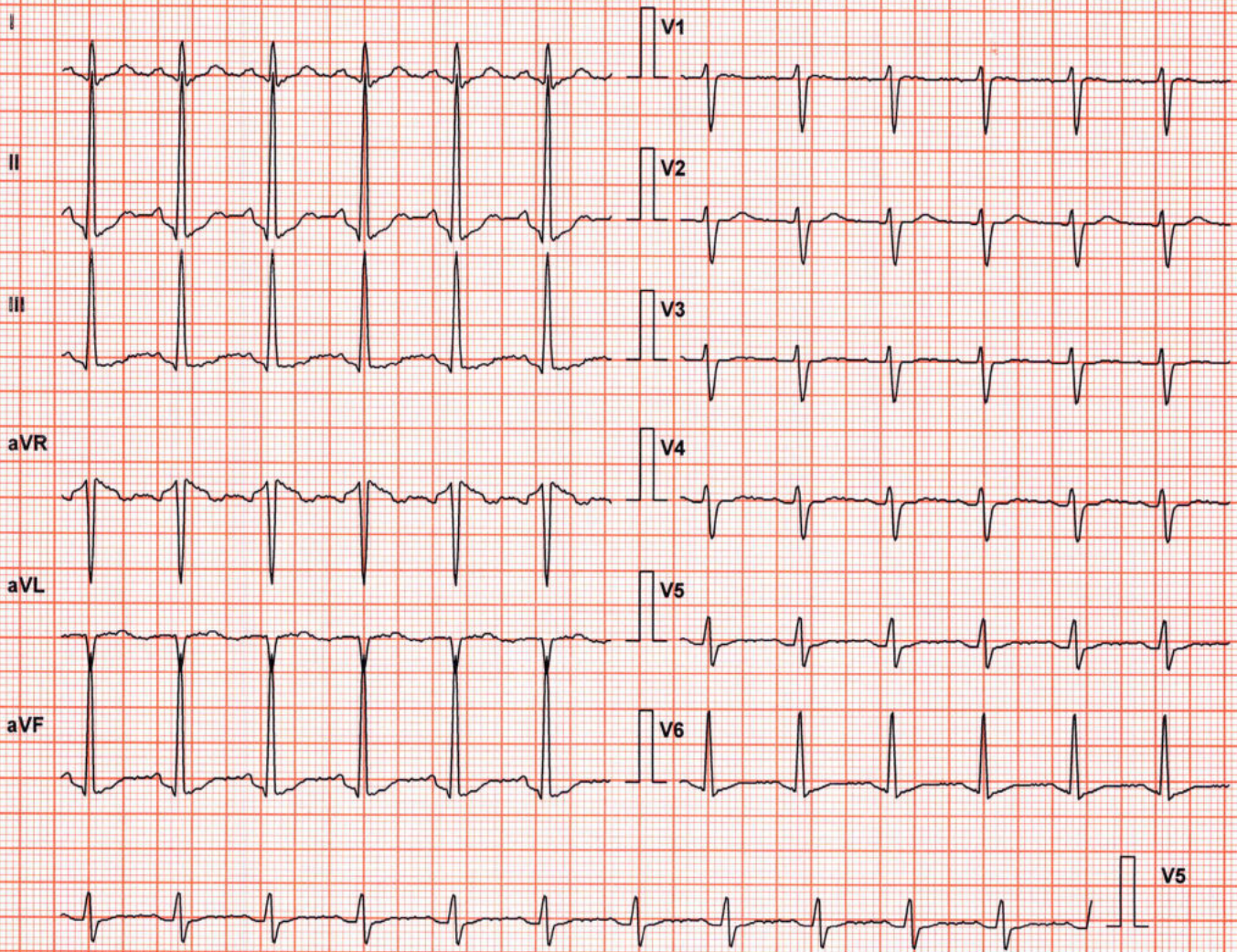
Grade: 0 %

Exec Time : 4 m 49 s

Stage Time : 1 m 54 s

HR: 112 bpm

(THR: 155 bpm)



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

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller Spandan V 4.51

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



# Suburban Diagnostics Kalina

MRS. SANGEETA BHAGATE (37 F)

ID: 2308601400

Date: 27-Mar-23

B.P: 130 / 80

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

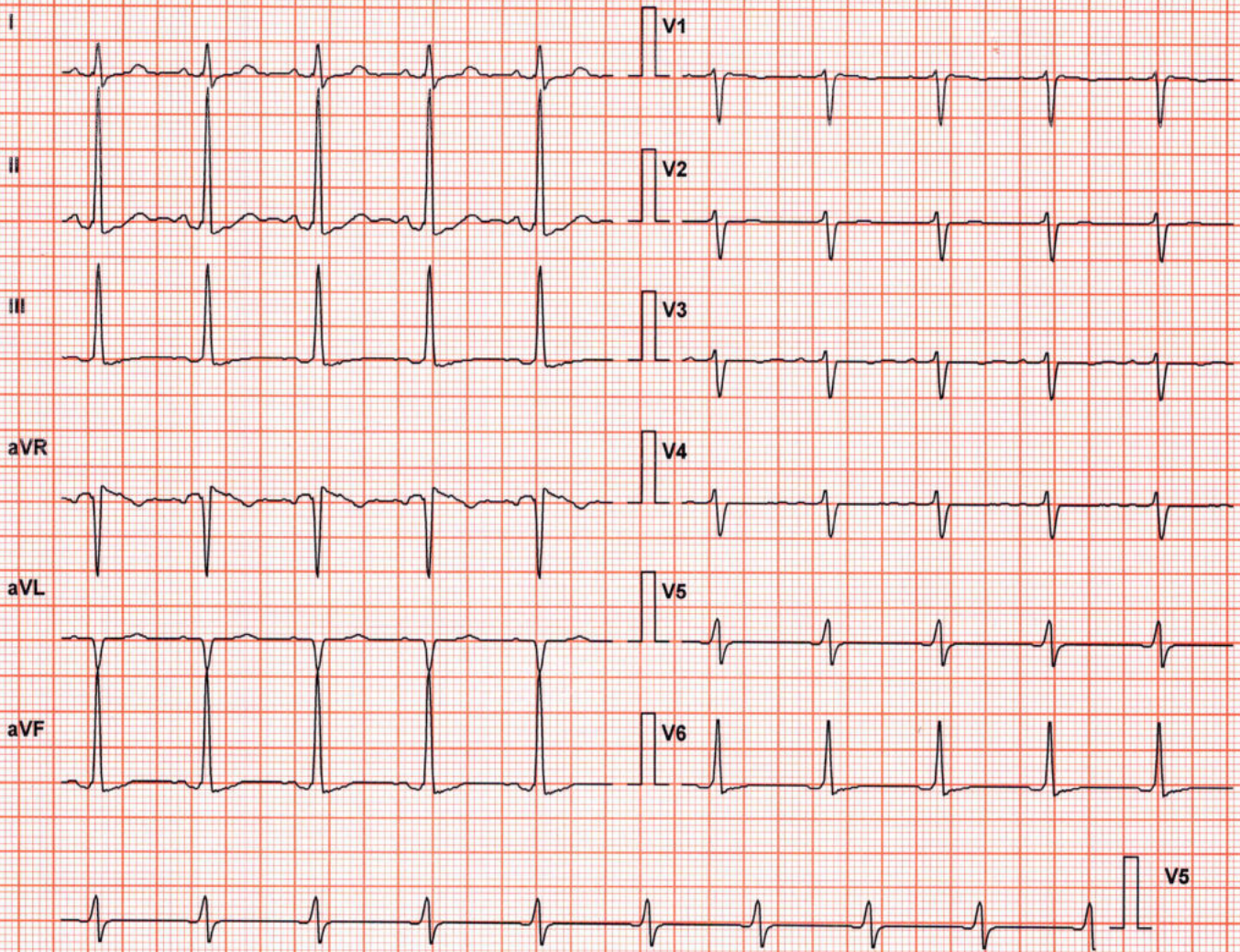
Grade: 0 %

Exec Time : 4 m 49 s

Stage Time : 1 m 54 s

HR: 92 bpm

(THR: 155 bpm)



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

Chart Speed: 25 mm/sec  
Schiller Spandan V 4.51

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. SANGEETA BHAGATE (37 F)

ID: 2308601400

Date: 27-Mar-23

B.P: 130 / 80

Protocol: Bruce

Stage: Recovery(3)

Speed: 0 mph

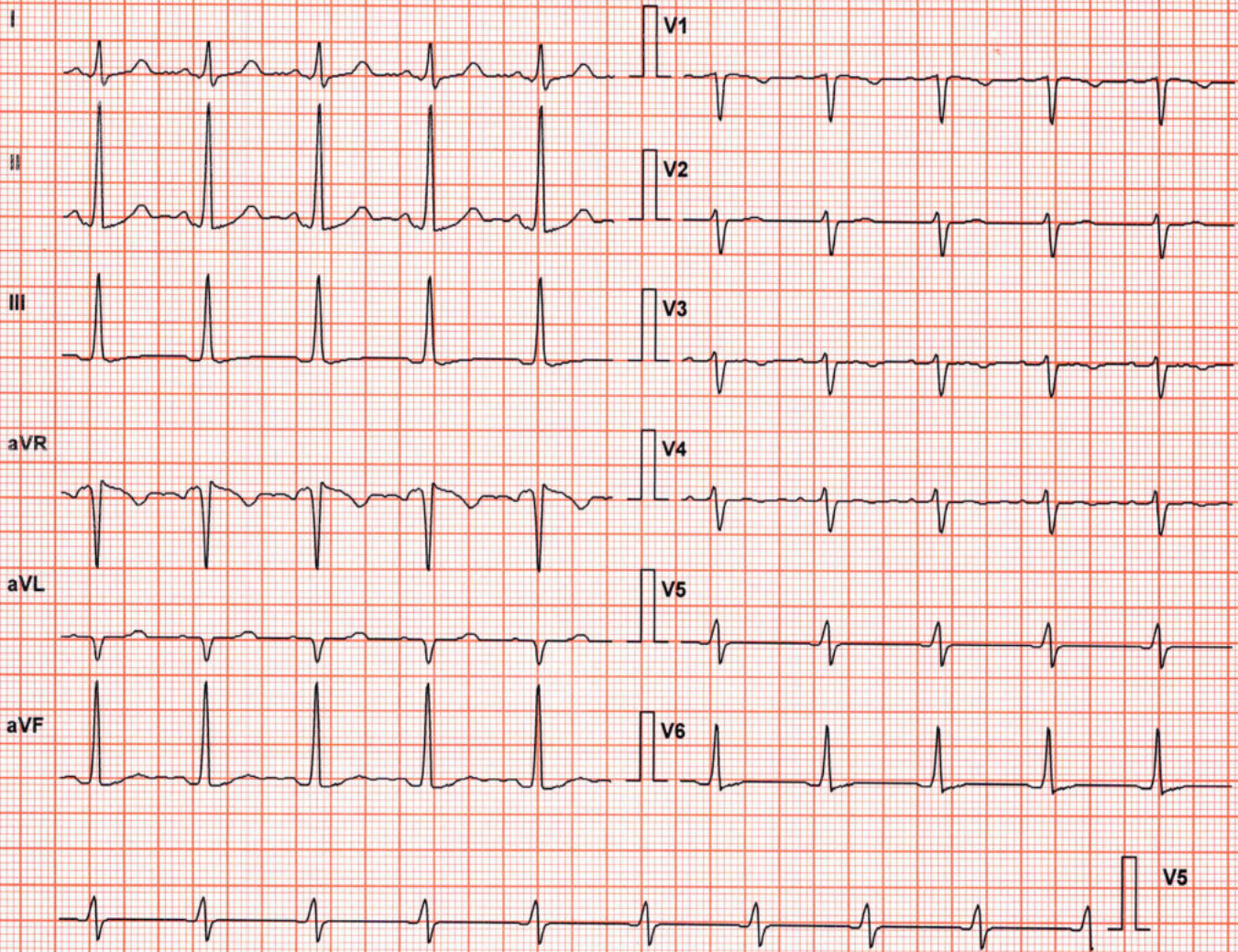
Grade: 0 %

Exec Time : 4 m 49 s

Stage Time : 0 m 58 s

HR: 92 bpm

(THR: 155 bpm)



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

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller Spandan V 4.51

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median





CID : 2308601400  
Name : MRS.SANGEETA BHAGATE  
Age / Gender : 37 Years / Female  
Consulting Dr. : -  
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 27-Mar-2023 / 10:26  
Reported : 27-Mar-2023 / 15:32

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>
<b><u>RBC PARAMETERS</u></b>			
Haemoglobin	13.0	12.0-15.0 g/dL	Spectrophotometric
RBC	4.88	3.8-4.8 mil/cmm	Elect. Impedance
PCV	40.0	36-46 %	Calculated
MCV	81.9	80-100 fl	Measured
MCH	26.6	27-32 pg	Calculated
MCHC	32.5	31.5-34.5 g/dL	Calculated
RDW	16.2	11.6-14.0 %	Calculated
<b><u>WBC PARAMETERS</u></b>			
WBC Total Count	5800	4000-10000 /cmm	Elect. Impedance
<b><u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u></b>			
Lymphocytes	32.1	20-40 %	
Absolute Lymphocytes	1860	1000-3000 /cmm	Calculated
Monocytes	6.2	2-10 %	
Absolute Monocytes	360	200-1000 /cmm	Calculated
Neutrophils	56.7	40-80 %	
Absolute Neutrophils	3270	2000-7000 /cmm	Calculated
Eosinophils	4.3	1-6 %	
Absolute Eosinophils	250	20-500 /cmm	Calculated
Basophils	0.7	0.1-2 %	
Absolute Basophils	40	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

**PLATELET PARAMETERS**

Platelet Count	254000	150000-400000 /cmm	Elect. Impedance
MPV	9.5	6-11 fl	Measured
PDW	16.5	11-18 %	Calculated

**RBC MORPHOLOGY**









CID : 2308601400  
Name : MRS.SANGEETA BHAGATE  
Age / Gender : 37 Years / Female  
Consulting Dr. : -  
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 27-Mar-2023 / 10:26  
Reported : 27-Mar-2023 / 15:51

Use a QR Code Scanner  
Application To Scan the Code

**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	100.8	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	107.4	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.47	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.18	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.29	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.1	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.1	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	3.0	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.4	1 - 2	Calculated
SGOT (AST), Serum	15.9	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	17.7	5-33 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	11.5	3-40 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	67.0	35-105 U/L	Colorimetric
BLOOD UREA, Serum	25.6	12.8-42.8 mg/dl	Kinetic
BUN, Serum	12.0	6-20 mg/dl	Calculated
CREATININE, Serum	0.64	0.51-0.95 mg/dl	Enzymatic





**CID** : 2308601400  
**Name** : MRS.SANGEETA BHAGATE  
**Age / Gender** : 37 Years / Female  
**Consulting Dr.** : -  
**Reg. Location** : Kalina, Santacruz East (Main Centre)

**Collected** : 27-Mar-2023 / 16:55  
**Reported** : 27-Mar-2023 / 20:09

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eGFR, Serum 111 >60 ml/min/1.73sqm Calculated

Note: eGFR estimation is calculated using MDRD (Modification of diet in renal disease study group) equation

URIC ACID, Serum 3.6 2.4-5.7 mg/dl Enzymatic

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 CPL, Andheri West  
\*\*\* End Of Report \*\*\*



*Anupa*

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





CID : 2308601400  
Name : MRS.SANGEETA BHAGATE  
Age / Gender : 37 Years / Female  
Consulting Dr. : -  
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 27-Mar-2023 / 10:26  
Reported : 27-Mar-2023 / 15:51

Use a QR Code Scanner  
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**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	5.7	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	116.9	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 CPL, Andheri West

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

*J. Thakker*

**Dr. JYOT THAKKER**  
**M.D. (PATH), DPB**  
**Pathologist & AVP( Medical Services)**







CID : 2308601400  
Name : MRS.SANGEETA BHAGATE  
Age / Gender : 37 Years / Female  
Consulting Dr. : -  
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 27-Mar-2023 / 10:26  
Reported : 27-Mar-2023 / 15:56

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>
<b><u>PHYSICAL EXAMINATION</u></b>			
Color	Yellow	Pale Yellow	-
Reaction (pH)	6.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.005	1.001-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	20	-	-
<b><u>CHEMICAL EXAMINATION</u></b>			
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
<b><u>MICROSCOPIC EXAMINATION</u></b>			
Leukocytes(Pus cells)/hpf	3-4	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	4-5		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	+(>20/hpf)	Less than 20/hpf	
Others	-		

Kindly rule out contamination.





CID : 2308601400  
Name : MRS.SANGEETA BHAGATE  
Age / Gender : 37 Years / Female  
Consulting Dr. : -  
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 27-Mar-2023 / 10:26  
Reported : 27-Mar-2023 / 15:56

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**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 insert

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



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





CID : 2308601400  
Name : MRS.SANGEETA BHAGATE  
Age / Gender : 37 Years / Female  
Consulting Dr. : -  
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 27-Mar-2023 / 10:26  
Reported : 27-Mar-2023 / 15:18

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

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	B
Rh TYPING	POSITIVE

NOTE: Test performed by automated column agglutination technology (CAT) 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 CPL, Andheri West  
\*\*\* End Of Report \*\*\*

*M Jain*

**Dr.MILLU JAIN**  
**M.D.(PATH)**  
**Pathologist**







CID : 2308601400  
Name : MRS.SANGEETA BHAGATE  
Age / Gender : 37 Years / Female  
Consulting Dr. : -  
Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 27-Mar-2023 / 10:26  
Reported : 27-Mar-2023 / 15:51

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**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**  
**LIPID PROFILE**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	172.3	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	77.6	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
HDL CHOLESTEROL, Serum	31.2	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	141.1	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	125.0	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	16.1	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.5	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	4.0	0-3.5 Ratio	Calculated

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West  
\*\*\* End Of Report \*\*\*

*J Thakker*

**Dr. JYOT THAKKER**  
**M.D. (PATH), DPB**  
**Pathologist & AVP( Medical Services)**







CID : 2308601400  
 Name : MRS.SANGEETA BHAGATE  
 Age / Gender : 37 Years / Female  
 Consulting Dr. : -  
 Reg. Location : Kalina, Santacruz East (Main Centre)

Collected : 27-Mar-2023 / 10:26  
 Reported : 27-Mar-2023 / 15:22

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**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**  
**THYROID FUNCTION TESTS**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Free T3, Serum	4.6	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	11.5	11.5-22.7 pmol/L First Trimester:9.0-24.7 Second Trimester:6.4-20.59 Third Trimester:6.4-20.59	ECLIA
sensitiveTSH, Serum	3.11	0.35-5.5 microIU/ml First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0	ECLIA





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Name : MRS.SANGEETA BHAGATE  
Age / Gender : 37 Years / Female  
Consulting Dr. : -  
Reg. Location : Kalina, Santacruz East (Main Centre)

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**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)

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West  
\*\*\* End Of Report \*\*\*

*Anupa*

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



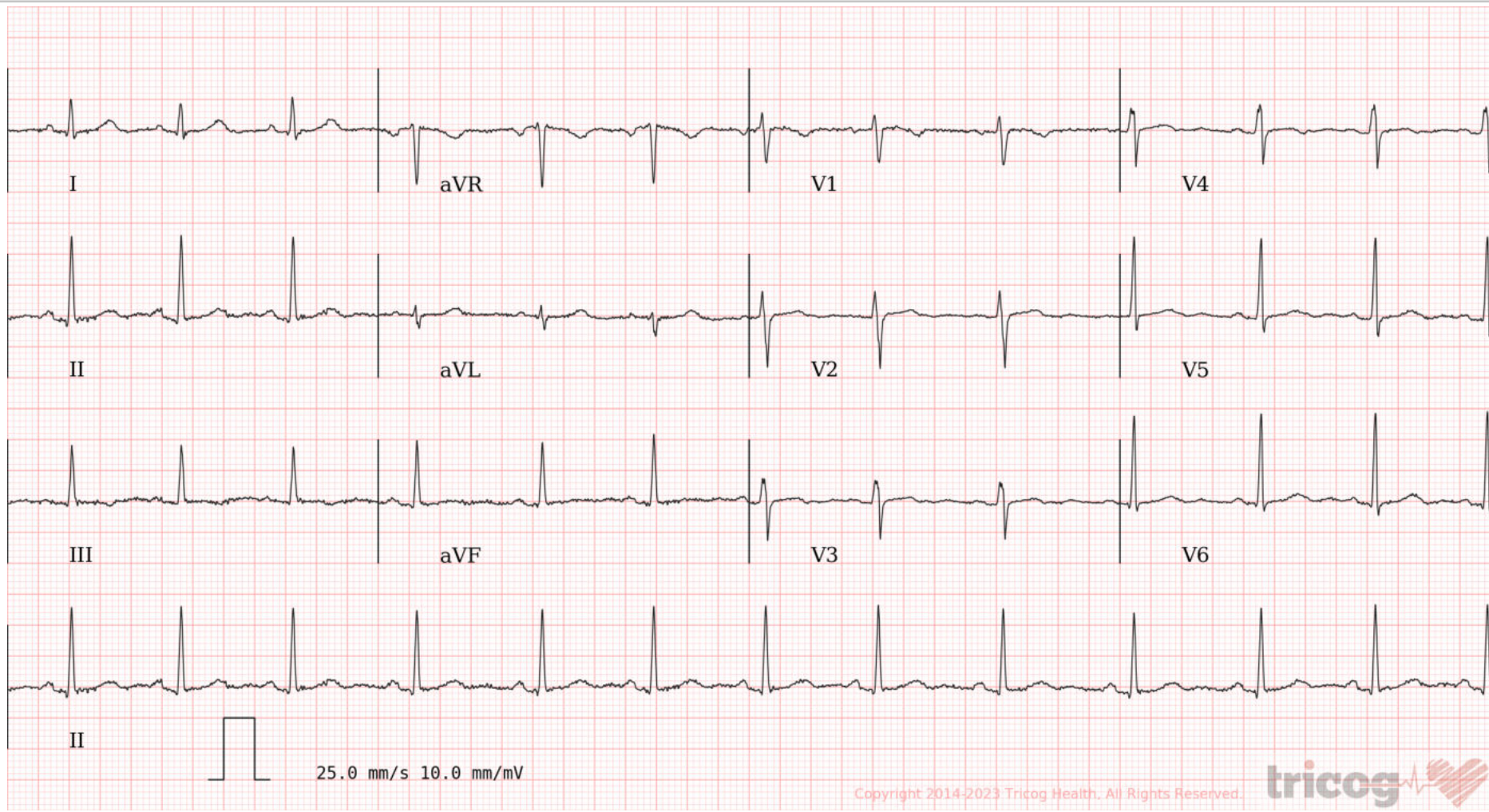


# SUBURBAN DIAGNOSTICS - KALINA, SANTACRUZ EAST



Patient Name: SANGEETA BHAGATE  
Patient ID: 2308601400

Date and Time: 27th Mar 23 1:03 PM



Age **37** **NA** **NA**  
years months days

Gender **Female**

Heart Rate **79bpm**

### Patient Vitals

BP: 120/70 mmHg  
Weight: 73 kg  
Height: 143 cm  
Pulse: NA  
Spo2: NA  
Resp: NA  
Others: \_\_\_\_\_

### Measurements

QRSD: 86ms  
QT: 386ms  
QTc: 442ms  
PR: 154ms  
P-R-T: 48° 71° 34°

ECG Within Normal Limits: Sinus Rhythm. 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.





**CID** : 2308601400  
**Name** : Mrs SANGEETA BHAGATE  
**Age / Sex** : 37 Years/Female  
**Ref. Dr** :  
**Reg. Location** : Kalina, Santacruz East Main Centre  
**Reg. Date** : 27-Mar-2023  
**Reported** : 27-Mar-2023/12:12

## USG OF WHOLE ABDOMEN

**Clinical profile:** for routine checkup. Patient denies any health related issues with no history of medical or surgical problems in the past. No previous reports provided at the time of ultrasound study.

Real time ultrasonography of whole abdomen was performed using transabdominal approach only.

### Liver:

Liver is normal in size (14.6 cm) and shows bright echopattern. No focal mass lesion is seen. The intrahepatic biliary radicals are normal. Hepatic veins & IVC are normal in caliber. Portal vein is normal in caliber and measures 11.2 mm.

### Gallbladder:

**Gallbladder** is well distended and reveals normal wall thickness. No evidence of calculus or mass lesion seen. No obvious pericholecystic collection visualized.

**CBD** is normal in caliber (4.1 mm).

### Spleen:

Spleen is normal in size (10.2 cm), shape and echotexture. No focal lesions seen. Splenic vein appears normal in caliber.

### Pancreas:

Pancreas is visualized and is normal in size shape and echopattern. No focal lesions seen. Part of pancreatic tail and adjacent retroperitoneum obscured due to bowel gases.

### Kidneys:

Both kidneys are normal in size, shape and position. No evidence of hydronephrosis, calculi or scarring.

Right Kidney measures: 11.0 x 4.3 cm.

Left Kidney measures: 10.9 x 5.2 cm.

Corticomedullary differentiation appears preserved.

No evidence of free fluid in abdomen and pelvis.

Visualized retroperitoneum appears unremarkable with no obvious lymphadenopathy.

### Urinary bladder:

Urinary bladder is well distended and shows normal wall thickness. No evidence of any calculi or focal mass lesion is seen within it.

### Uterus:

**Click here to view images** <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023032710231199>





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Uterus is anteverted, bulky in size and normal in echotexture.

It measures 9.1 x 5.4 x 4.0 cm (Volume ~104.5 cc).

No evidence of focal mass lesion is seen within it.

**Endometrium** shows normal appearance and thickness measures 8.8 mm.

**Both ovaries:**

Both **ovaries** are normal in size and echotexture.

Right ovary measures: 2.8 x 1.6 cm.

Left ovary measures: 3.7 x 1.6 cm.

There is no evidence of pelvic or adnexal mass seen.

There is no free fluid in pouch of Douglas.

**IMPRESSION**

Mild fatty infiltration in liver (grade I).

Bulky uterus. No focal lesion.

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

**Dr Vaseem Anjum Ansari**  
**Radiologist (MBBS,DMRD)**  
**Reg No. 2003/06/2275**

Investigations have their limitations. Solitary Pathological / Radiological and other investigations never confirm the final diagnosis of disease. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Please interpret accordingly.





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**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-----

**Dr Vaseem Anjum Ansari**  
**Radiologist (MBBS,DMRD)**  
**Reg No. 2003/06/2275**





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