SUBURBAN DIAGNOSTICS
PRECISE TESTING • HEALTHIER LIVING

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R E P O R T

CID	: 2309121531		
Name	: MR.VIKRAM KALAKOTI		
Age / Gender	: 37 Years / Male		
Consulting Dr.	: -	**Collected**	: 01-Apr-2023 / 10:49
Reg. Location	: Pimple Saudagar, Pune (Main Centre)	**Reported**	: 01-Apr-2023 / 14:03

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
RBC PARAMETERS			
Haemoglobin	14.9	13.0-17.0 g/dL	Spectrophotometric
RBC	5.16	4.5-5.5 mil/cmm	Elect. Impedance
PCV	48.4	40-50 %	Measured
MCV	94	80-100 fl	Calculated
MCH	29.0	27-32 pg	Calculated
MCHC	**30.9**	31.5-34.5 g/dL	Calculated
RDW	12.2	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	4820	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND ABSOLUTE COUNTS			
Lymphocytes	**47.6**	20-40 %	
Absolute Lymphocytes	2294.3	1000-3000 /cmm	Calculated
Monocytes	5.5	2-10 %	
Absolute Monocytes	265.1	200-1000 /cmm	Calculated
Neutrophils	42.6	40-80 %	
Absolute Neutrophils	2053.3	2000-7000 /cmm	Calculated
Eosinophils	3.4	1-6 %	
Absolute Eosinophils	163.9	20-500 /cmm	Calculated
Basophils	0.9	0.1-2 %	
Absolute Basophils	43.4	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Platelet Count	222000	150000-400000 /cmm	Elect. Impedance
MPV	**12.5**	6-11 fl	Calculated
PDW	**28.8**	11-18 %	Calculated

RBC MORPHOLOGY

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Reported : 01-Apr-2023 / 22:48

REPORT

Hypochromia	-	
Microcytosis	-	
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	5	2-15 mm at 1 hr.	Sedimentation

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Pune Baner Balewadi Lab
*** End Of Report ***

Dr.CHANDRAKANT PAWAR
M.D.(PATH)
Pathologist

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Consulting Dr.	: -	**Collected**	: 01-Apr-2023 / 10:49
Reg. Location	: Pimple Saudagar, Pune (Main Centre)	**Reported**	: 01-Apr-2023 / 17:16

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	82.3	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	82.7	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.89	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.29	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.60	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.0	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	5.1	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	**1.9**	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	**2.7**	1 - 2	Calculated
SGOT (AST), Serum	22.6	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	42.1	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	47.2	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	86.6	40-130 U/L	Colorimetric
BLOOD UREA, Serum	23.7	12.8-42.8 mg/dl	Kinetic
BUN, Serum	11.1	6-20 mg/dl	Calculated
CREATININE, Serum	1.02	0.67-1.17 mg/dl	Enzymatic

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Reported : 01-Apr-2023 / 17:12

eGFR, Serum	87	>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	**8.2**	3.5-7.2 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 Pune Baner Balewadi Lab
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Dr.CHANDRAKANT PAWAR
M.D.(PATH)
Pathologist

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Reported : 01-Apr-2023 / 15:31

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	4.9	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	93.9	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 Pune Lab, Pune Swargate
*** End Of Report ***

Dr.CHANDRAKANT PAWAR
M.D.(PATH)
Pathologist

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SUBURBAN DIAGNOSTICS
PRECISE TESTING · HEALTHIER LIVING

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Reg. Location	: Pimple Saudagar, Pune (Main Centre)	**Reported**	: 01-Apr-2023 / 18:31

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
URINE EXAMINATION REPORT

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	6.5	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.015	1.001-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	30	-	-
CHEMICAL EXAMINATION			
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
MICROSCOPIC EXAMINATION			
Leukocytes(Pus cells)/hpf	0-1	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	0-1		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	3-4	Less than 20/hpf	

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 Pune Baner Balewadi Lab
*** End Of Report ***

Dr.PRACHI KHANDEKAR
MBBS M.D (Pathology)

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

PARAMETER	RESULTS
ABO GROUP	O
Rh TYPING	Positive

NOTE: Test performed by Semi- automated column agglutination technology (CAT)

This sample has been tested for bombay group/ bombay phenotype/ OH using anti H letin.

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.

Refernces:
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 Pune Lab, Pune Swargate
*** End Of Report ***

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Pathologist

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	161.8	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	**153.7**	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	**32.6**	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	129.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	98.0	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	**31.2**	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	**5.0**	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3.0	0-3.5 Ratio	Calculated

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*** End Of Report ***

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
THYROID FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Free T3, Serum	4.5	2.6-5.7 pmol/L	CMIA

Kindly note change in reference range and method w.e.f. 16/08/2019

Free T4, Serum	11.0	9-19 pmol/L	CMIA

Kindly note change in reference range and method w.e.f. 16/08/2019

sensitiveTSH, Serum	2.78	0.35-4.94 microIU/ml	CMIA

Kindly note change in reference range and method w.e.f. 16/08/2019. NOTE: 1) TSH values between 5.5 to 15 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 & heart failure, severe burns, trauma & surgery etc.

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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 trasiently altered becuase 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)

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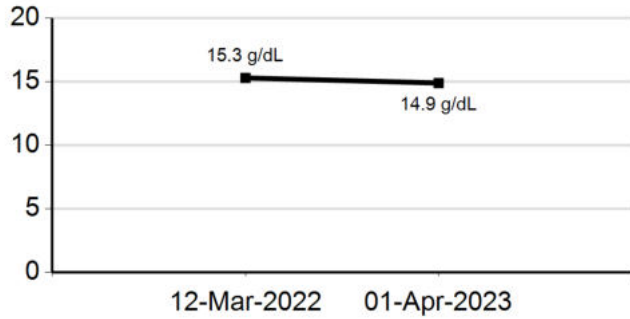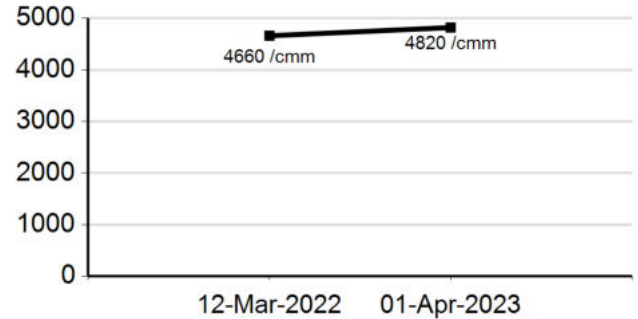*** End Of Report ***

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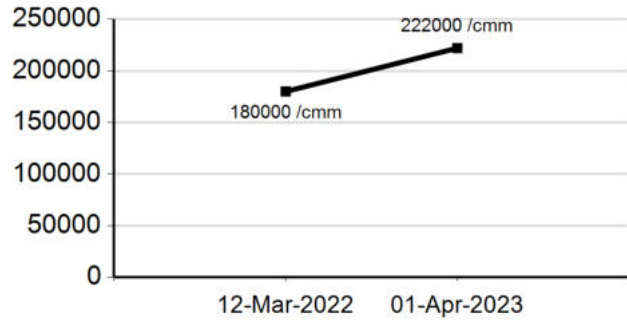
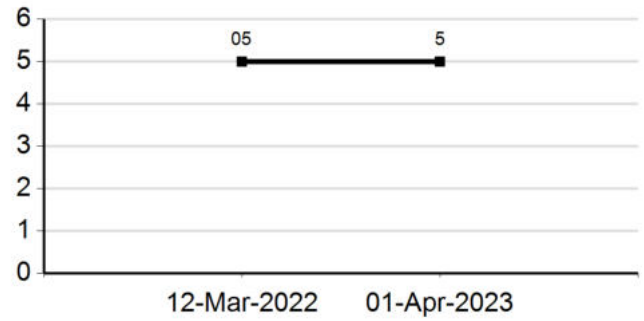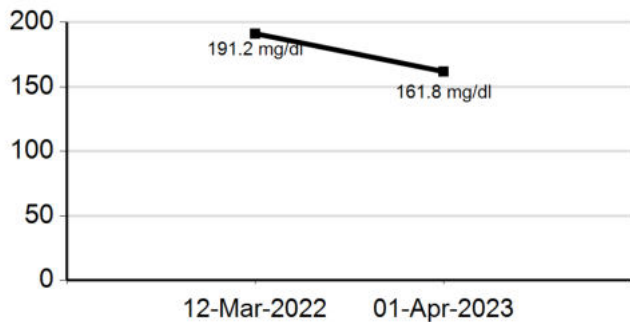**Reg. Location** : Pimple Saudagar, Pune (Main Centre)

Haemoglobin

WBC Total Count

Platelet Count

ESR

CHOLESTEROL

TRIGLYCERIDES
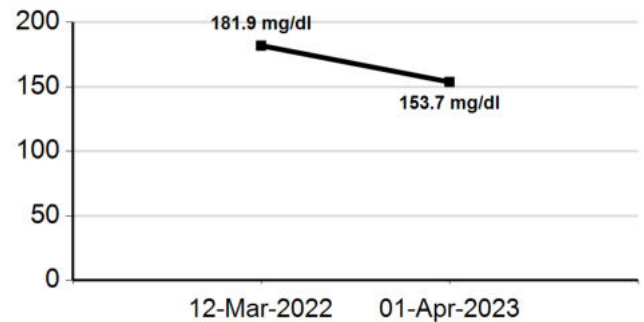
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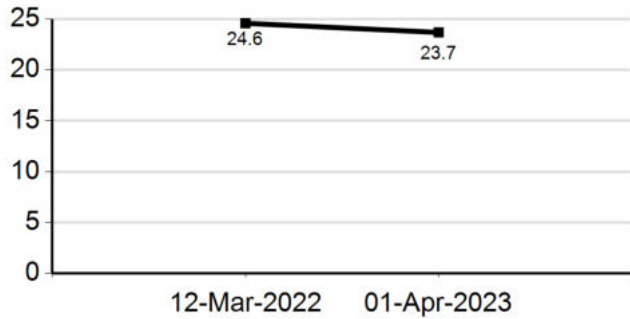
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HDL CHOLESTEROL
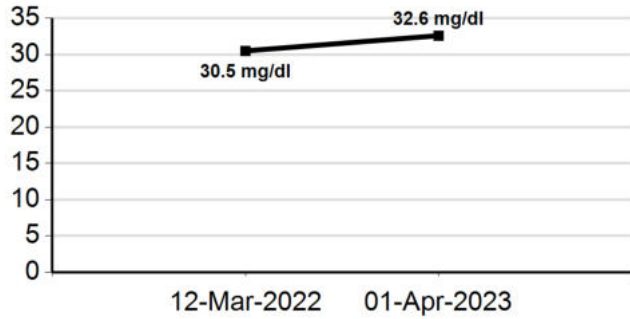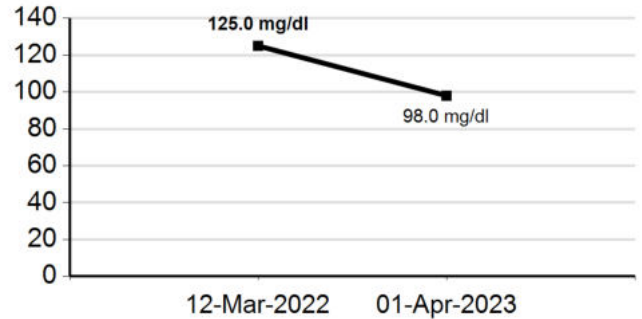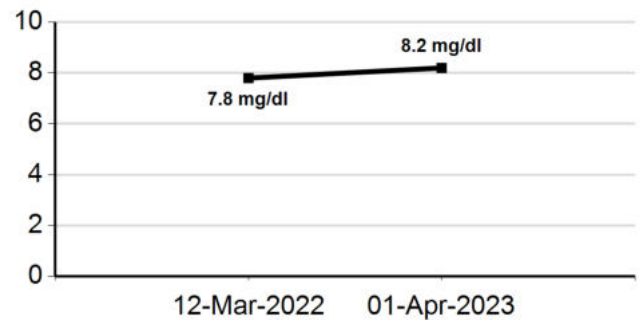
30.5 mg/dl — 32.6 mg/dl (12-Mar-2022 / 01-Apr-2023)

LDL CHOLESTEROL

125.0 mg/dl — 98.0 mg/dl (12-Mar-2022 / 01-Apr-2023)

BLOOD UREA

24.6 — 23.7 (12-Mar-2022 / 01-Apr-2023)

BUN

11.5 — 11.1 (12-Mar-2022 / 01-Apr-2023)

CREATININE

1.01 mg/dl — 1.02 mg/dl (12-Mar-2022 / 01-Apr-2023)

URIC ACID

7.8 mg/dl — 8.2 mg/dl (12-Mar-2022 / 01-Apr-2023)

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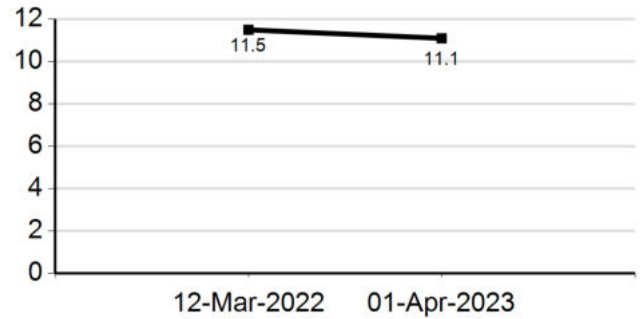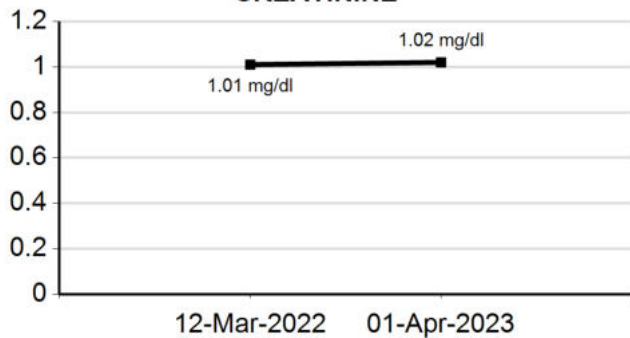**Reg. Location** : Pimple Saudagar, Pune (Main Centre)

TOTAL PROTEINS
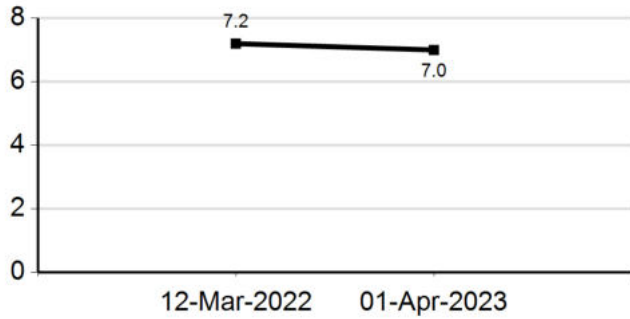
ALBUMIN
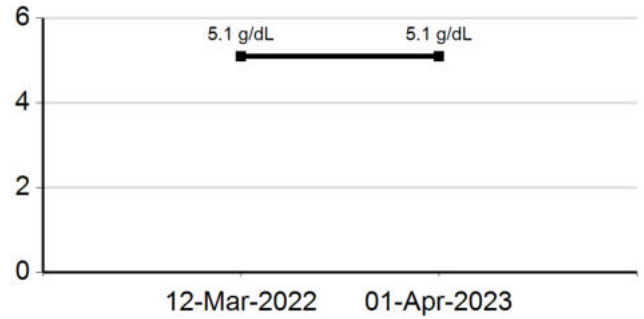
GLOBULIN

SGOT (AST)

SGPT (ALT)

ALKALINE PHOSPHATASE
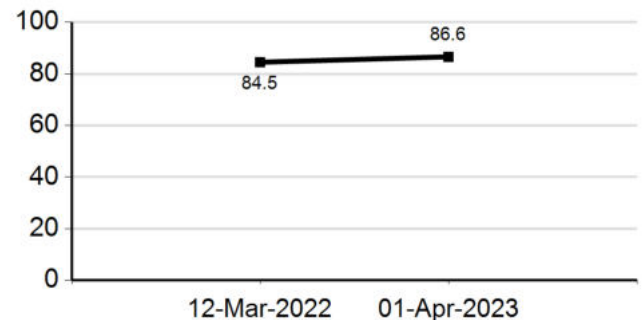
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GAMMA GT — 47.9 (12-Mar-2022), 47.2 (01-Apr-2023)
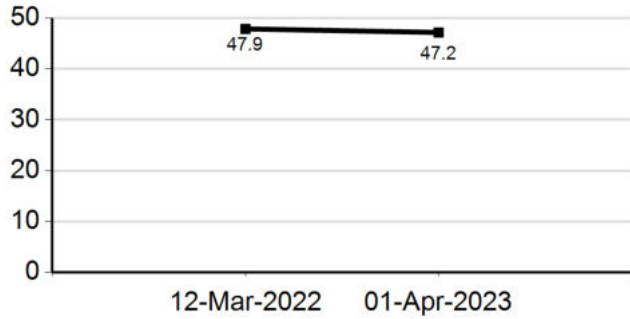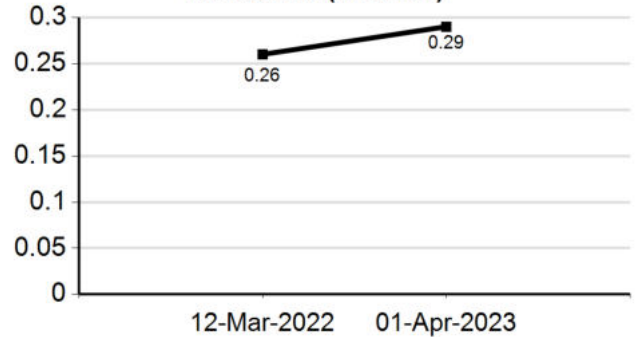
BILIRUBIN (DIRECT) — 0.26 (12-Mar-2022), 0.29 (01-Apr-2023)

Glycosylated Hemoglobin (HbA1c) — 4.8 % (12-Mar-2022), 4.9 % (01-Apr-2023)

Estimated Average Glucose (eAG) — 91.1 mg/dl (12-Mar-2022), 93.9 mg/dl (01-Apr-2023)

Free T3 — 5.4 (12-Mar-2022), 4.5 (01-Apr-2023)

Free T4 — 11.0 (12-Mar-2022), 11.0 (01-Apr-2023)
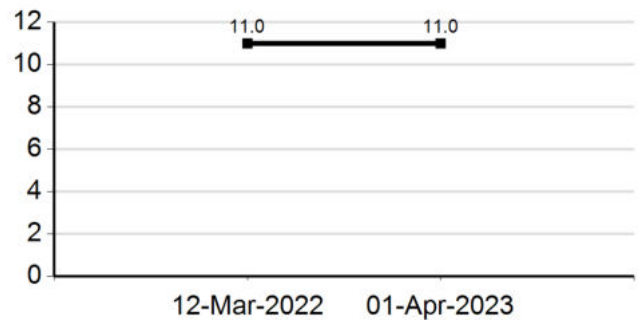
CID : 2309121531

Name : MR.VIKRAM KALAKOTI

Age / Gender : 37 Years / Male

Consulting Dr. : -
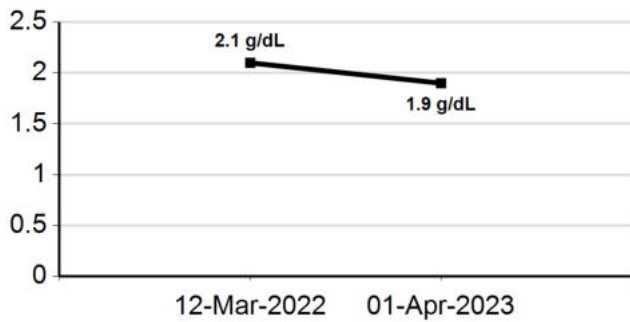
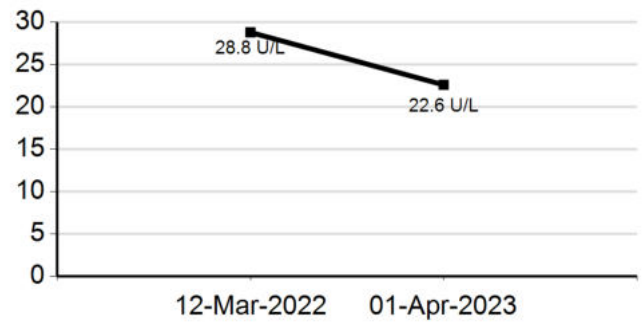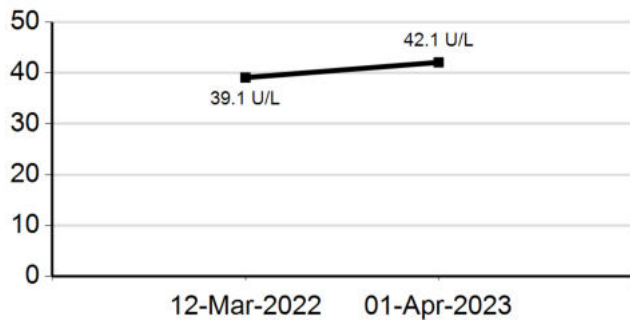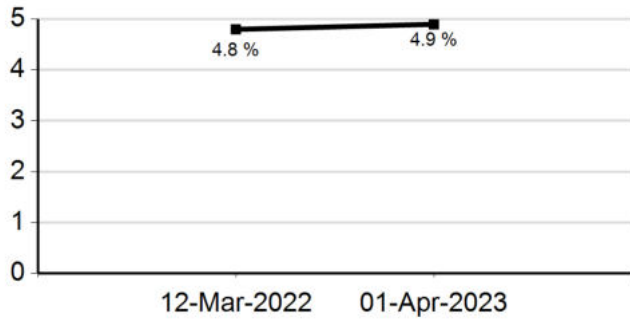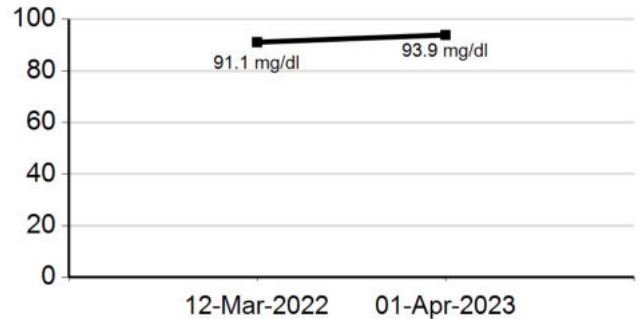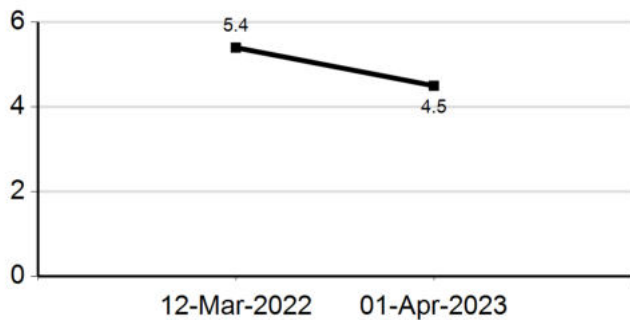**Reg. Location** : Pimple Saudagar, Pune (Main Centre)

sensitiveTSH
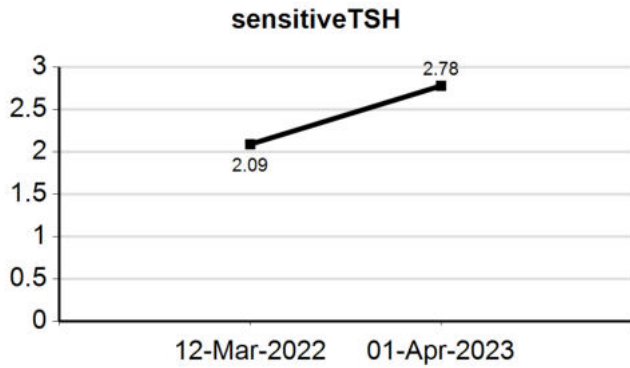
Suburban Diagnostics Pvt. Ltd. India

Patient Details

Date: 01-Apr-23   **Time:** 11:52:03

Name: VIKRAM KALAKOTI **ID:** 2309121531

Age: 37 y   **Sex:** M

Height: 162 cms   **Weight:** 66 Kgs

Clinical History: NIL

Medications: NIL

Test Details

Protocol: Bruce

Total Exec. Time: 9 m 16 s

Max. BP: 170 / 90 mmHg

Test Termination Criteria: Target HR attained, Fatigue

Pr.MHR: 183 bpm

Max. HR: 153 (84% of Pr.MHR)bpm

Max. BP x HR: 26010 mmHg/min

THR: 164 (90 % of Pr.MHR) bpm

Max. Mets: 13.50

Min. BP x HR: 6880 mmHg/min

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 : 15	1.0	0	0	86	120 / 80	-0.64 III	1.77 V2
Standing	0 : 33	1.0	0	0	89	120 / 80	-1.70 V1	3.89 V3
Hyperventilation	0 : 12	1.0	0	0	88	120 / 80	-1.70 V1	3.89 V3
1	3 : 0	4.6	1.7	10	112	120 / 80	-0.85 III	2.83 V3
2	3 : 0	7.0	2.5	12	129	140 / 90	-1.27 III	4.25 V3
3	3 : 0	10.2	3.4	14	150	170 / 90	-2.12 aVR	5.66 V3
Peak Ex	0 : 16	13.5	4.2	16	153	170 / 90	-2.34 aVR	5.66 II
Recovery(1)	1 : 0	1.8	1	0	137	170 / 90	-5.73 III	5.66 II
Recovery(2)	1 : 0	1.0	0	0	109	170 / 90	-1.91 aVR	5.66 V5
Recovery(3)	1 : 0	1.0	0	0	105	170 / 90	-1.27 aVR	5.66 V3
Recovery(4)	1 : 0	1.0	0	0	101	170 / 90	-0.85 aVR	3.89 V3
Recovery(5)	0 : 3	1.0	0	0	100	130 / 90	-0.42 III	2.83 V3

Interpretation

Good Effort Tolerance.
No significant ST T Changes as compared to Baseline.
No chest pain/Arrhythmias noted during the test.
Stress Test is negative for Stress Induced Ischemia.

Disclaimer:
Negative stress test done not rule out coronary artey
Diseases
Positive stress test is suggestive but not confirmatory of coronary Artery
Disease.
Hence Clinical Correlation is mandatory.

Dr. I.U. BAMB
M.B.B.S., M.D. (Medicine)
Reg No: 39452

ST Level (mm)	ST Slope (mV / s)		ST Level (mm)	ST Slope (mV / s)

Lead	ST Level (mm)	ST Slope (mV / s)
I	0.4	0.4
II	-0.6	1.1
III	-0.6	0.0
aVR	0.2	-1.1
aVL	0.4	0.4
aVF	-0.2	0.7

Lead	ST Level (mm)	ST Slope (mV / s)
V1	-0.2	-0.7
V2	1.3	1.8
V3	1.5	1.8
V4	1.3	1.4
V5	0.8	1.1
V6	0.6	1.4

VIKRAM KALAKOTI (37 M)

Protocol: Bruce

ST Level (mm)

| S.T Slope (mmV / s) |

Suburban Diagnostics Pvt. Ltd. India

ID: 2309121531 Date: 01-Apr-23 Exec Time: 0 m 0 s Stage Time: 0 m 33 s **HR: 89 bpm**

Stage: Standing Speed: 0 mph Grade: 0% (THR: 164 bpm) B.P: 120 / 80
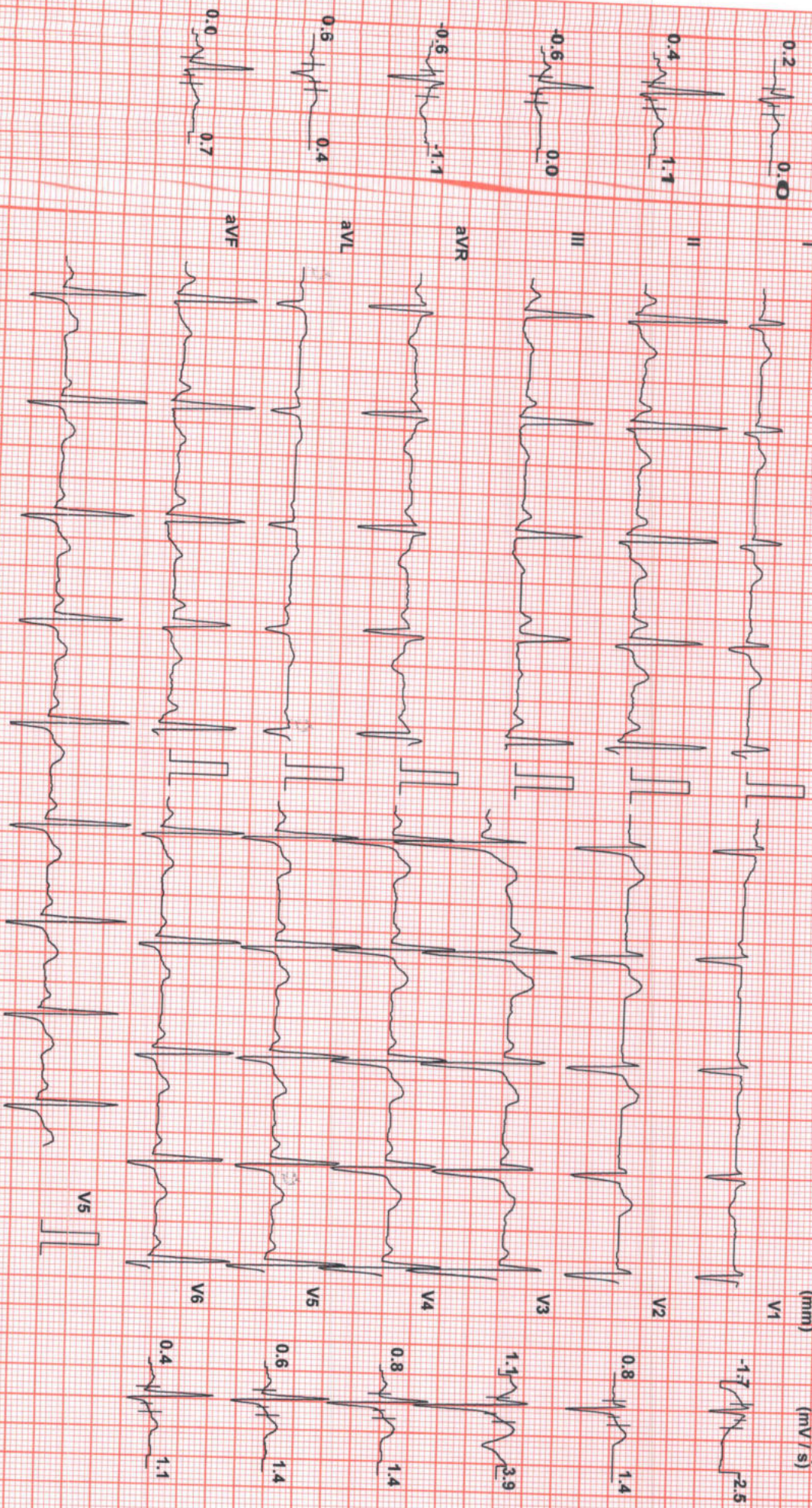
ST Level (mm) **ST Slope (mmV / s)**

Leads:
- I — 0.2 / 0.0
- II — 0.4 / 1.1
- III — 0.6 / 0.0
- aVR — -0.6 / -1.1
- aVL — 0.6 / 0.4
- aVF — 0.0 / 0.7
- V1 — -1.7 / -2.5
- V2 — 0.8 / 1.4
- V3 — 1.1 / 3.9
- V4 — 0.8 / 1.4
- V5 — 0.6 / 1.4
- V6 — 0.4 / 1.1

Chart Speed: 25 mm / Sec Filter: 35 Hz Mains Filt: ON Amp: 10 mm Isp = R - 60 ms J = R + 60 ms Post J = J + 60 ms

Schiller Spandan V 4.7

VIKRAM KALAKOTI (37 M)

Suburban Diagnostics Pvt. Ltd. India

Protocol: Bruce

ID: 2309121531 Date: 01-Apr-23 Exec Time : 0 m 0 s Stage Time : 0 m 12 s **HR: 88 bpm**

Stage: Hyperventilation Speed: 0 mph Grade: 0 % (THR: 164 bpm) B.P: 120/80
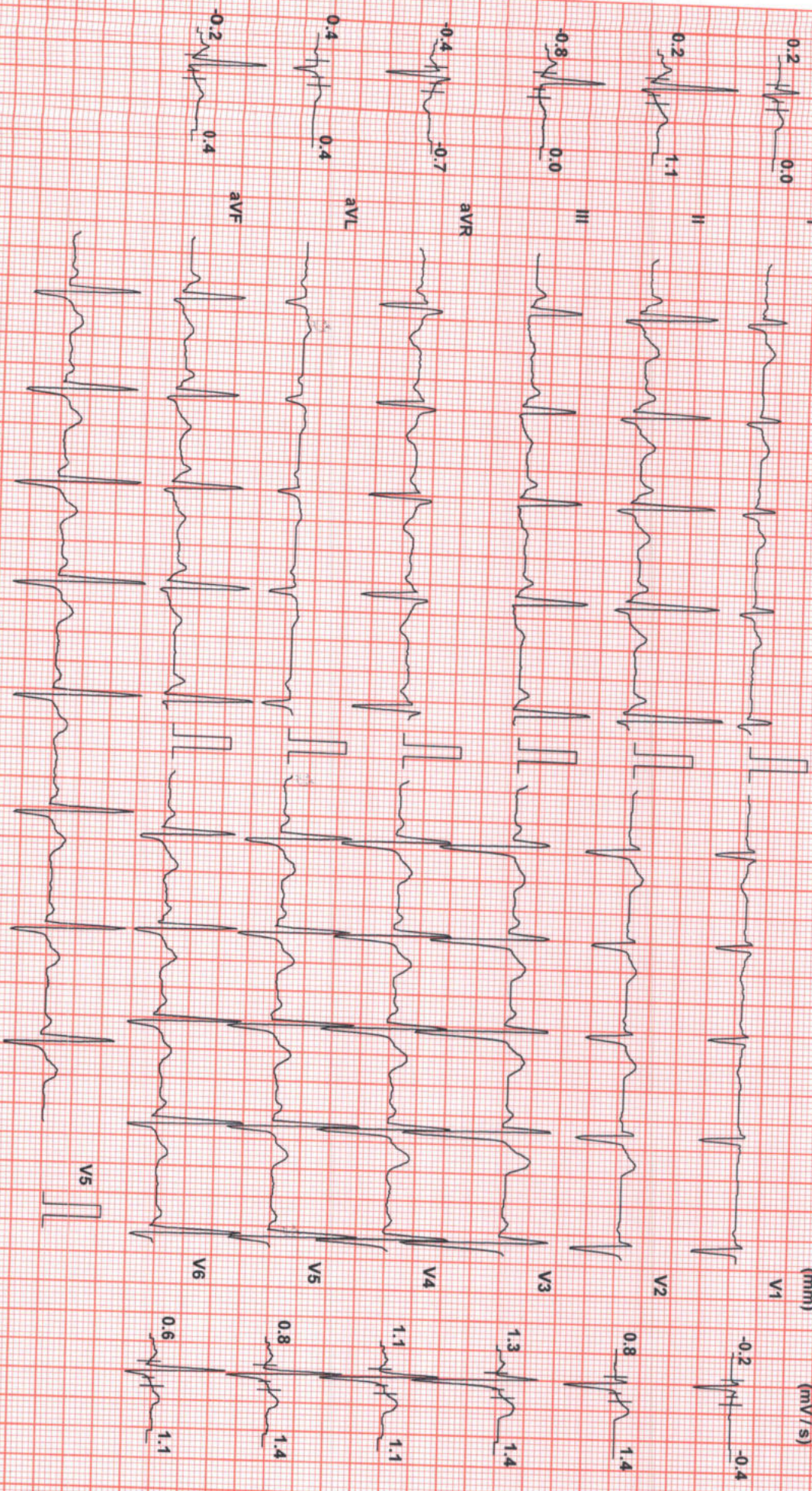
Lead	ST Level (mm)	ST Slope (mV / s)
I	0.0	
II	1.1	0.2
III	0.0	0.8
aVR	-0.7	
aVL	0.4	-0.4
aVF	0.4	-0.2

Lead	ST Level (mm)	ST Slope (mV / s)
V1	-0.2	-0.4
V2	0.8	1.4
V3	1.3	1.4
V4	1.1	1.1
V5	0.8	1.4
V6	0.6	1.1

ST Level (mm)

ST Slope (mV / s)

Chart Speed: 25 mm/sec Filter: 35 Hz Mains Filt: ON Amp: 10 mm Iso = R - 60 ms J = R + 60 ms Post J = J + 60 ms

Schiller-Spandan V 4. 7

VIKRAM KALAKOTI (37 M)

Suburban Diagnostics Pvt. Ltd. India

Protocol: Bruce

Stage: 1

ID: 230912153 1

Date.: 01-Apr-23   Exec Time.: 3 m 0 s   Stage Time.: 3 m 0 s   **HR.: 112 bpm**

Speed: 1.7 mph   Grade: 10%   (THR: 164 bpm)   B.P: 120 / 80

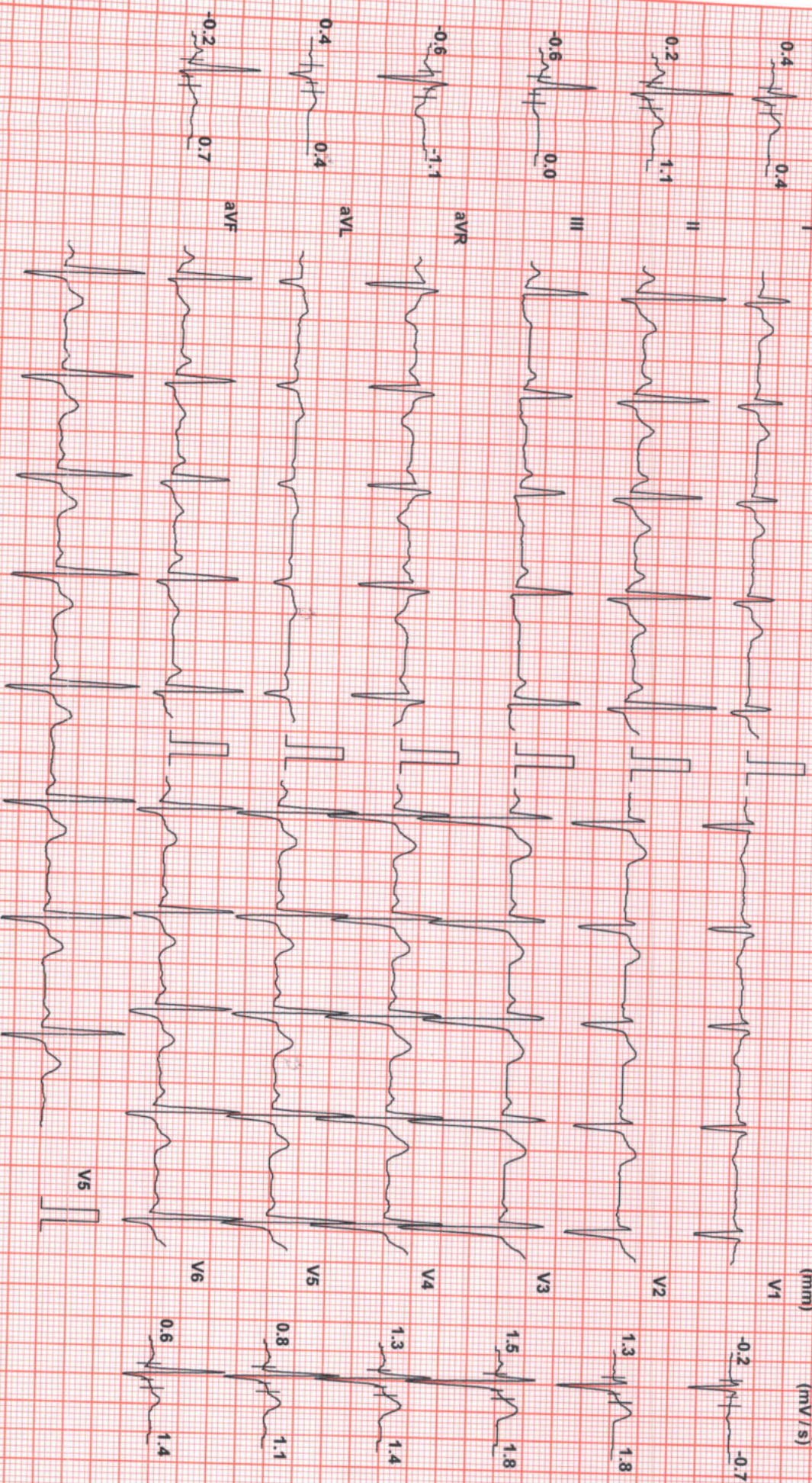| ST Level (mm)	ST Slope (mV / s)		ST Level (mm)	ST Slope (mV / s)
0.4	0.4	I		
0.2	1.8	II		
-0.8	0.4	III		
-0.6	-1.4	aVR		
0.6	0.7	aVL		
-0.4	1.1	aVF		
		V1	-0.2	-0.7
		V2	0.8	1.4
		V3	1.9	2.8
		V4	1.7	2.5
		V5	1.1	1.4
		V6	0.6	1.4

Chart Speed : 25 mm/sec   Filter: 35 Hz   Mains Filt: ON   Amp: 10 mm   Iso = R - 60 ms   J = R + 60 ms   Post J = J + 60 ms

Schiller Spandan V 4.7

VIKRAM KALAKOTI (37 M)

Suburban Diagnostics Pvt. Ltd. India

Protocol: Bruce

Stage: 2

ID: 2309121531

Date: 01-Apr-23   Exec Time : 6 m 0 s   Stage Time : 3 m 0 s   **HR: 129 bpm**

Speed: 2.5 mph   Grade: 12 %   (THR: 164 bpm)   B.P: 140 / 90

ST Level (mm)	ST Slope (mV / s)		ST Level (mm)	ST Slope (mV / s)
I	0.4	0.7	V1	0.0	-0.4
II	-0.2	2.1	V2	1.3	1.4
III	-0.6	1.4	V3	2.3	3.9
aVR	-0.2	-1.4	V4	2.1	3.9
aVL	0.4	-0.4	V5	1.7	3.5
aVF	-0.4	1.8	V6	1.1	2.8
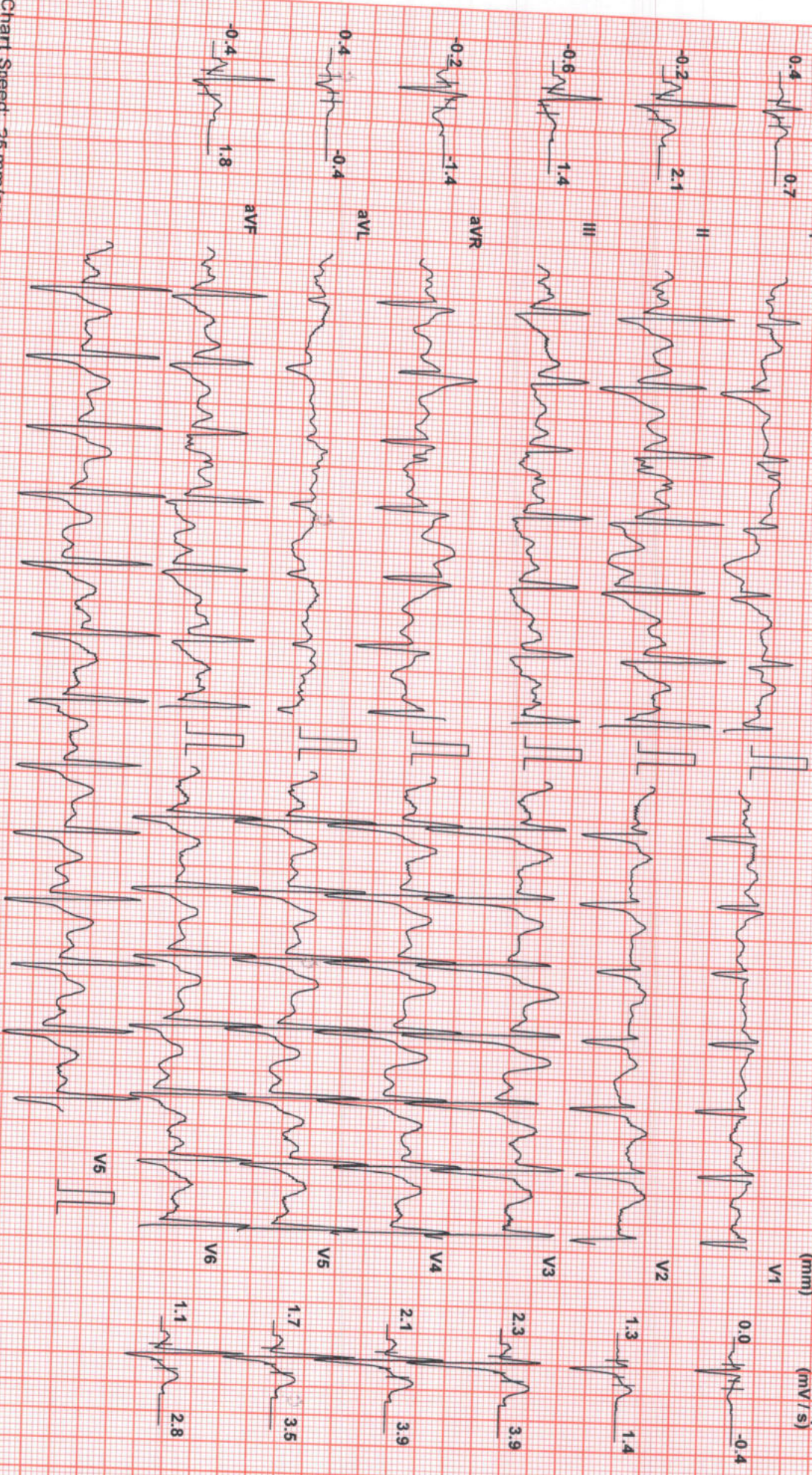
Chart Speed: 25 mm/sec   Filter: 35 Hz   Mains Filt: ON   Amp: 10 mm   Iso = R - 60 ms   J = R + 60 ms   Post J = J + 60 ms

Schiller Seardian V 4- 7

VIKRAM KALAKOTI (37 M)

Protocol: Bruce

| ST Level (mm) | ST Slope (mV / s) | | | |

I   1.1   1.8

II   1.3   4.2

III   0.0   1.8

aVR   -1.1   -2.8

aVL   0.6   0.4

aVF   0.8   3.2

Suburban Diagnostics Pvt. Ltd. India

ID: 2309121531   Date: 01-Apr-23   Exec Time : 9 m 0 s   Stage Time : 3 m 0 s   **HR: 150 bpm**

Stage: 3   Speed: 3.4 mph   Grade: 14 %   (THR : 164 bpm)   B.P: 170 / 90
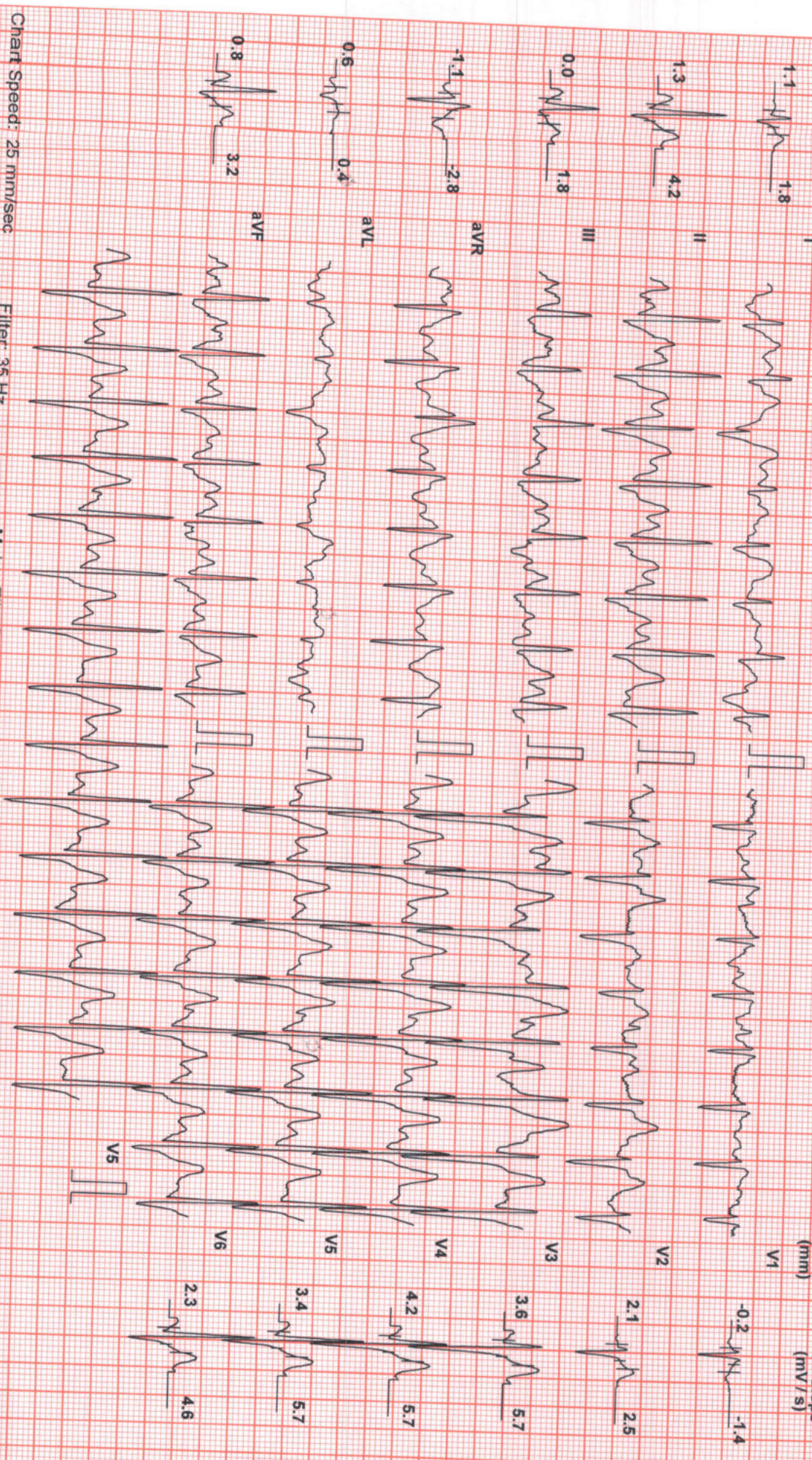
| ST Level (mm) | ST Slope (mV / s) |

V1   -0.2   -1.4

V2   2.1   2.5

V3   3.6   5.7

V4   4.2   5.7

V5   3.4   5.7

V6   2.3   4.6
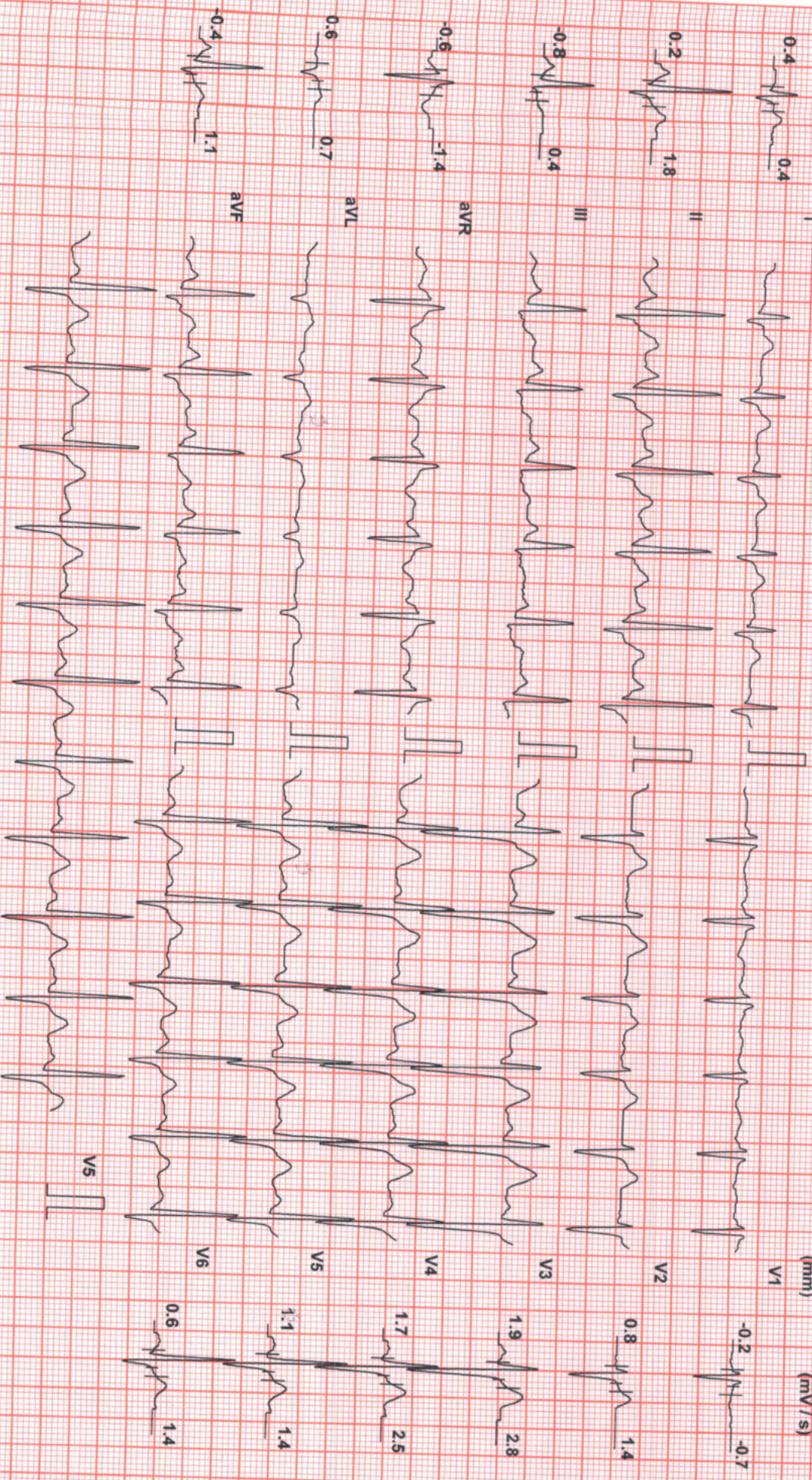
Chart Speed: 25 mm/Sec   Filter: 35 Hz   Mains Filt: ON   Amp: 10 mm   Iso = R - 60 ms   J = R + 60 ms   Post J = J + 60 ms

Schiller Spandan V 4.7

VIKRAM KALAKOTI (37 M)

Suburban Diagnostics Pvt. Ltd. India

ID: 2309121531 Date: 01-Apr-23 Exec Time : 9 m 16 s Stage Time : 1 m 0 s **HR : 137 bpm**

Protocol: Bruce Stage: Recovery(1) Speed: 0 mph Grade: 0 % (THR: 164 bpm) B.P: 170 / 90
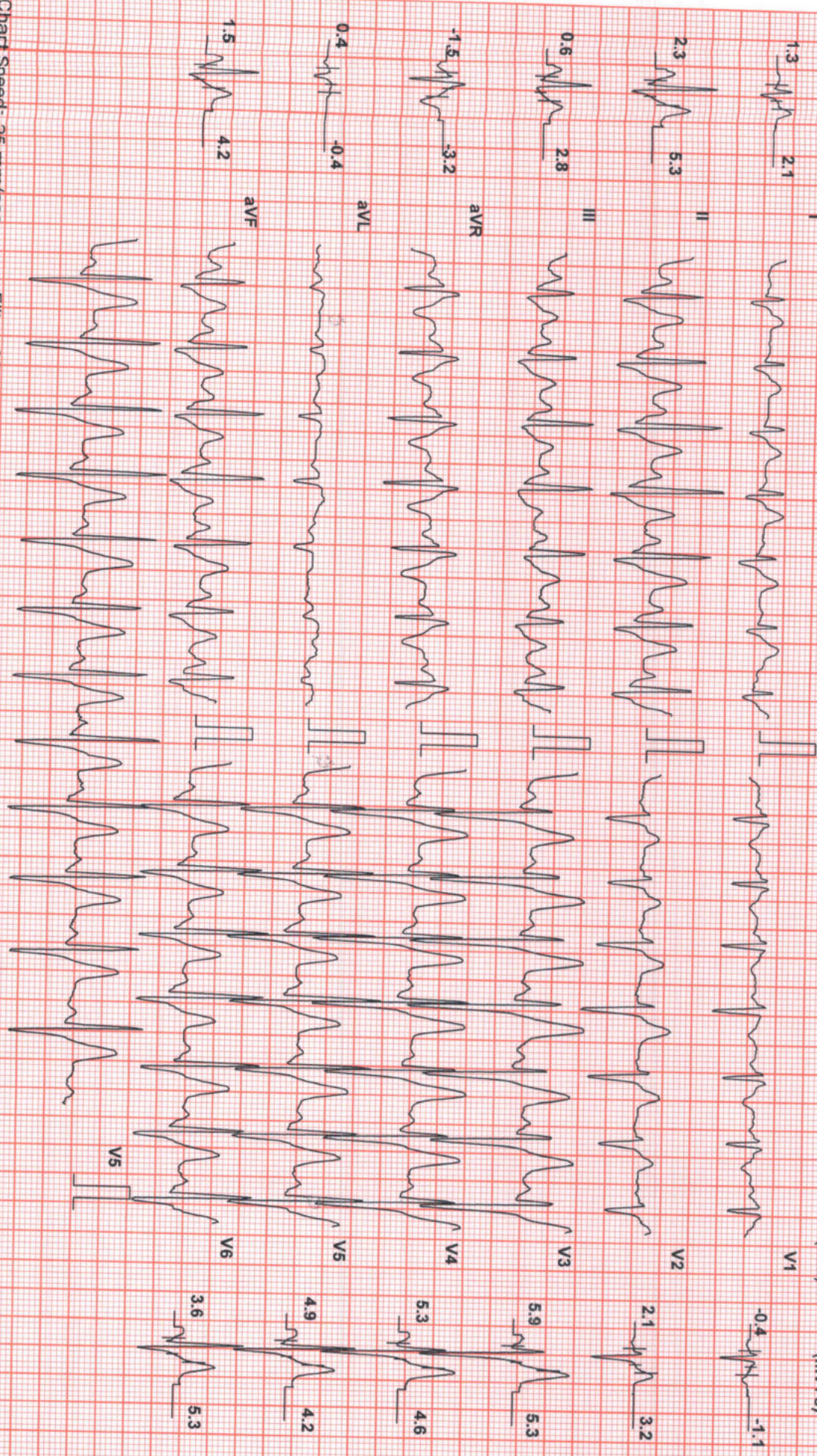
Lead	ST Level (mm)	ST Slope (mV / s)
I	1.3	2.1
II	2.3	5.3
III	0.6	2.8
aVR	-1.5	-3.2
aVL	0.4	-0.4
aVF	1.5	4.2

Lead	ST Level (mm)	ST Slope (mV / s)
V1	-0.4	-1.1
V2	2.1	3.2
V3	5.9	5.3
V4	5.3	4.6
V5	4.9	4.2
V6	3.6	5.3

Chart Speed: 25 mm/sec Filter: 35 Hz Mains Filt ON Amp: 10 mm Iso = R - 60 ms J = R + 60 ms Post-J = J + 60 ms

Schiller Spandan V 4.7

VIKRAM KALAKOTI (37 M)

Suburban Diagnostics Pvt. Ltd. India

Protocol: Bruce

ID: 2309121531 Date: 01-Apr-23 Exec Time : 9 m 16 s Stage Time : 1 m 0 s **HR: 109 bpm**

Stage: Recovery(2) Speed: 0 mph Grade: 0 % (THR: 164 bpm) B.P: 170 / 90
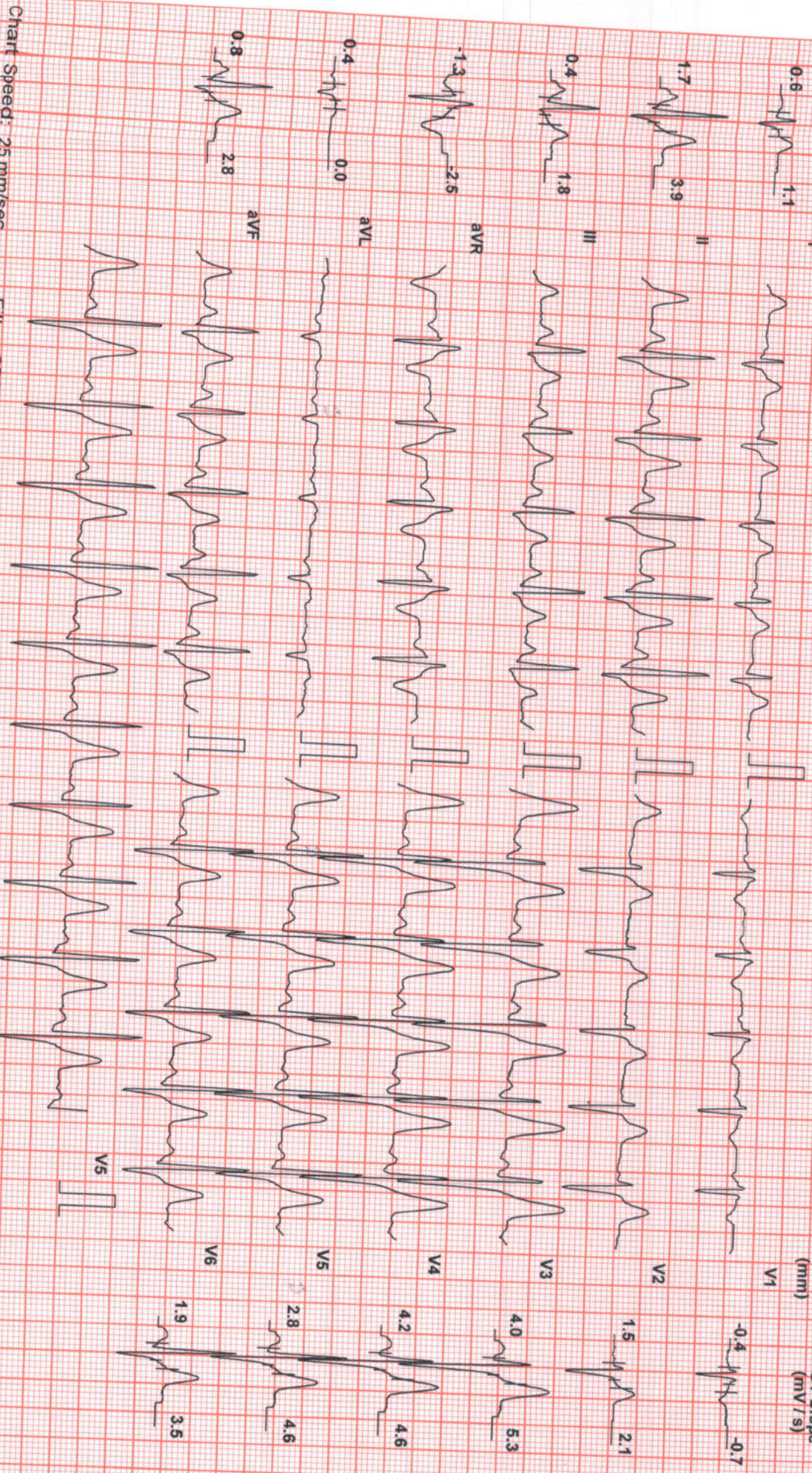
Lead	ST Level (mm)	ST Slope (mV / s)
I	0.6	1.1
II	1.7	3.9
III	0.4	1.8
aVR	-1.3	-2.5
aVL	0.4	0.0
aVF	0.8	2.8
V1	-0.4	-0.7
V2	1.5	2.1
V3	4.0	5.3
V4	4.2	4.6
V5	2.8	4.6
V6	1.9	3.5

ST Level (mm) ST Slope (mV / s)

Chart Speed: 25 mm/sec Filter: 35 Hz Mains Filt: ON Amp: 10 mm

Isp = R - 60 ms J = R + 60 ms Post J = J + 60 ms

Schiller Spardan V 4.1

VIKRAM KALAKOTI (37 M)

Suburban Diagnostics Pvt. Ltd. India

Protocol: Bruce

ID: 2309121531   Date: 01-Apr-23   Exec Time : 9 m 16 s   Stage Time : 0 m 16 s **HR: 153 bpm**

Stage: Peak Ex   Speed: 4.2 mph   Grade: 16%   (THR: 164 bpm)   B.P: 170 / 90

ST Level (mm)	ST Slope (mV / s)			ST Level (mm)	ST Slope (mV / s)

Lead	ST Level (mm)	ST Slope (mV/s)	Lead	ST Level (mm)	ST Slope (mV/s)
I	1.9 / 2.1		V1	-0.4	-1.1
II	2.5 / 5.7		V2	2.3	3.5
III	0.6 / 3.5		V3	4.9	5.7
aVR	-2.3 / -3.9		V4	5.1	5.7
aVL	0.6 / -0.7		V5	4.2	5.7
aVF	1.7 / 4.6		V6	3.2	5.7

Chart Speed: 25 mm/sec   Filter: 35 Hz   Mains Filt: ON   Amp: 10 mm   Iso = R - 60 ms   J = R + 60 ms   Post J = J + 60 ms

Schiller Spandan V4.7

VIKRAM KALAKOTI (37 M)

Suburban Diagnostics Pvt. Ltd. India

ID: 2309121531   Date: 01-Apr-23   Exec Time : 9 m 16 s   Stage Time : 1 m 0 s   **HR: 105 bpm**

Protocol: Bruce   Stage: Recovery(3)   Speed: 0 mph   (THR: 164 bpm)   B.P: 170 / 90
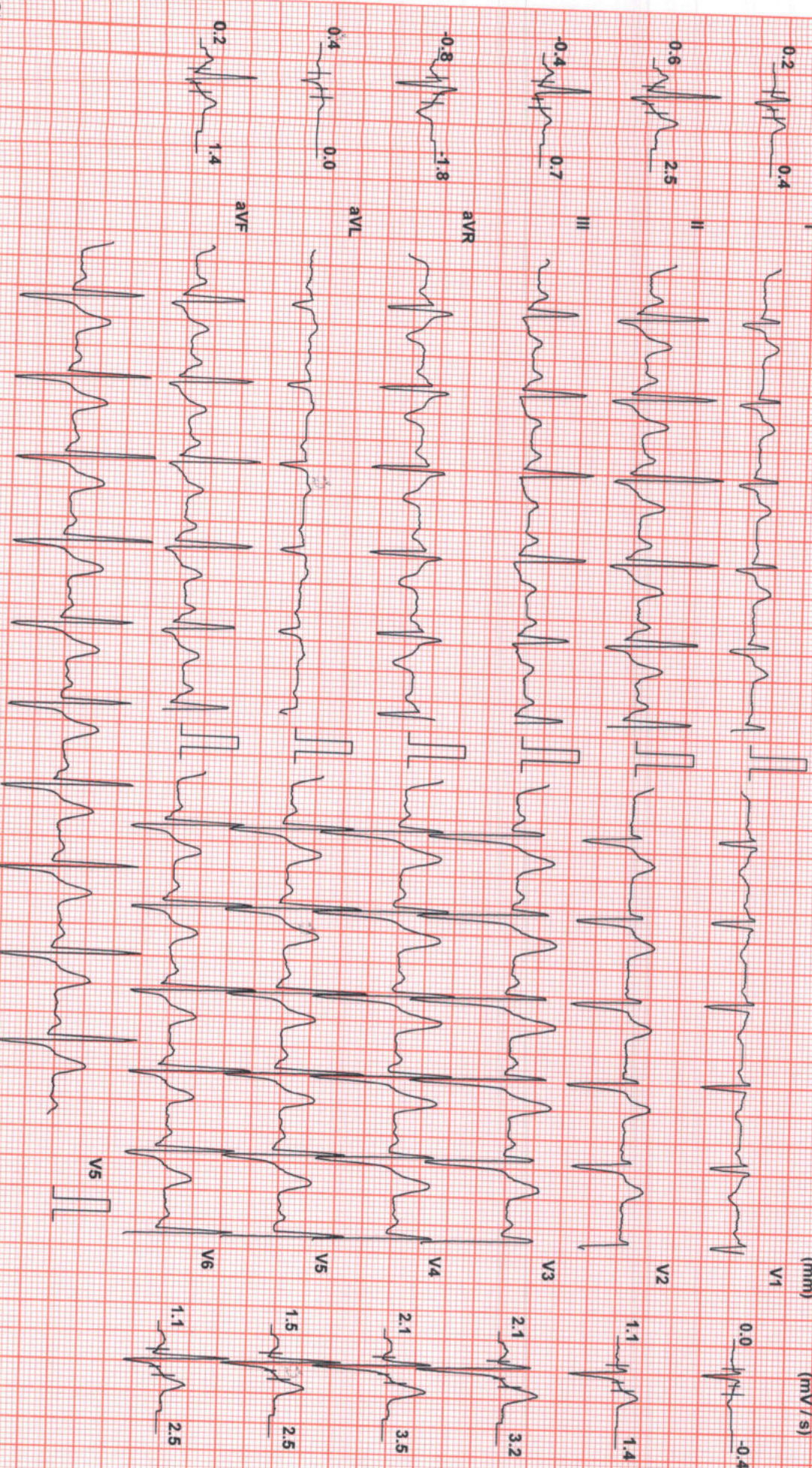
Grade: 0 %

ST Level (mm)	ST Slope (mV / s)		ST Level (mm)	ST Slope (mV / s)
0.2	0.4	I		
0.6	2.5	II		
-0.4	0.7	III		
-0.8	-1.8	aVR		
0.4	0.0	aVL		
0.2	1.4	aVF		
		V1	0.0	-0.4
		V2	1.1	1.4
		V3	2.1	3.2
		V4	2.1	3.5
		V5	1.5	2.5
		V6	1.1	2.5

Chart Speed: 25 mm/sec   Filter 35 Hz   Mains Fit: ON   Amp: 10 mm   Isp = R - 60 ms   J = R + 60 ms   Post J = J + 60 ms

Schiller Spartan V 4.7

VIKRAM KALAKOTI (37 M)

Suburban Diagnostics Pvt. Ltd. India

Protocol: Bruce

ID: 2309121531

Stage: Recovery(4)

Date: 01-Apr-23   Exec Time : 9 m 16 s Stage Time : 1 m 0 s   **HR: 101 bpm**

Speed: 0 mph   Grade: 0 %   (THR: 164 bpm)   B.P: 130 / 90

ST Level (mm)	ST Slope (mV / s)		ST Level (mm)	ST Slope (mV / s)

I   0.4   0.4

II   0.2   1.8

III   -0.6   0.7

aVR   -0.4   -1.4

aVL   0.4   0.0

aVF   0.0   1.4

V5

V1   0.0   -0.7

V2   1.1   1.4

V3   1.5   2.8
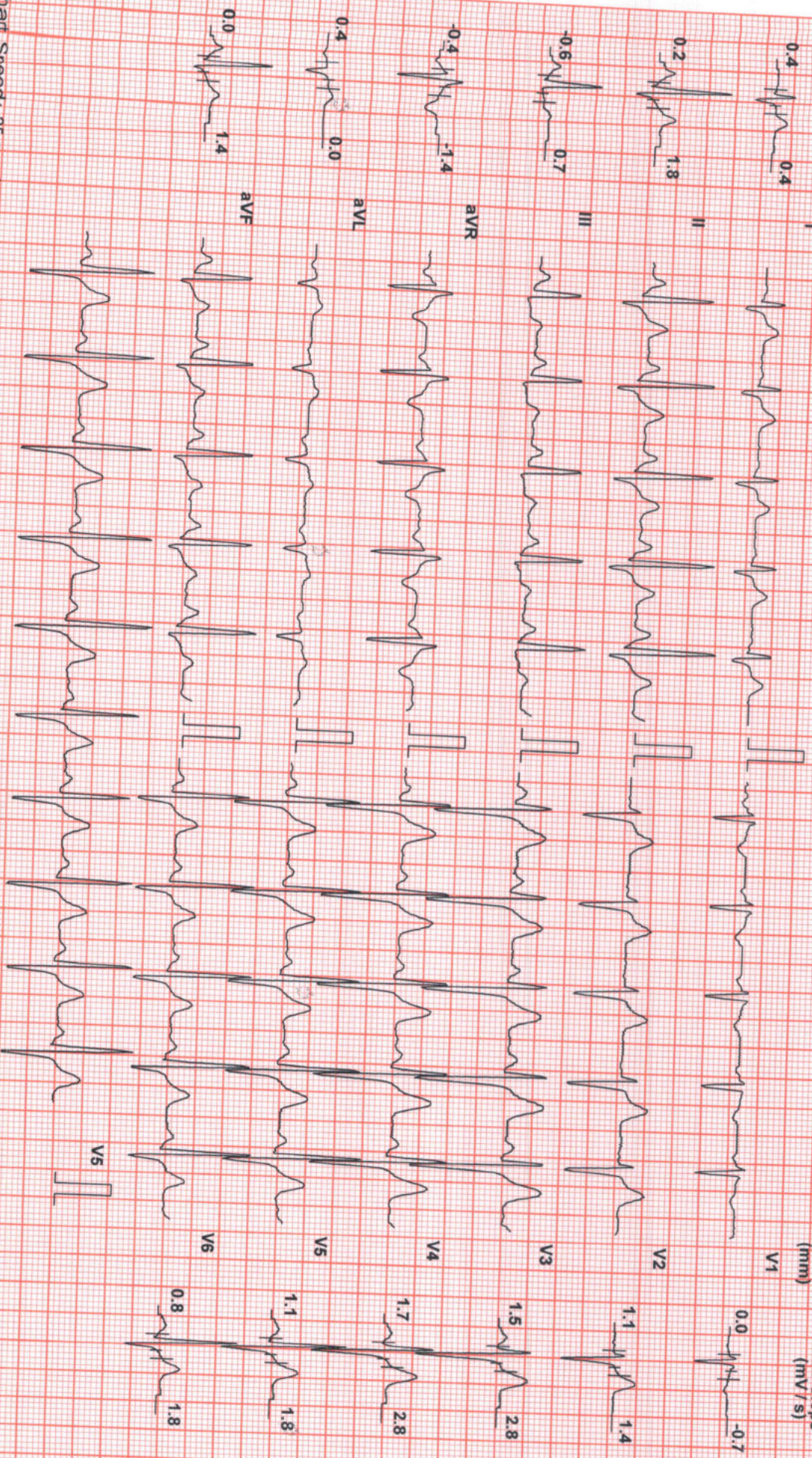
V4   1.7   2.8

V5   1.1   1.8

V6   0.8   1.8

Chart Speed : 25 mm/sec   Filter: 35 Hz   Mains Filt: ON   Amp: 10 mm   Iso = R - 60 ms   J = R + 60 ms   Post J = J + 60 ms

Schiller Spandan V 4.7