



CID : 2405313860  
Name : MR.SANTOSH SINGH  
Age / Gender : 36 Years / Male  
Consulting Dr. : -  
Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Collected : 22-Feb-2024 / 09:35  
Reported : 22-Feb-2024 / 13:54

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	12.9	13.0-17.0 g/dL	Spectrophotometric
RBC	3.98	4.5-5.5 mil/cmm	Elect. Impedance
PCV	39.1	40-50 %	Measured
MCV	98	80-100 fl	Calculated
MCH	32.4	27-32 pg	Calculated
MCHC	33.0	31.5-34.5 g/dL	Calculated
RDW	16.3	11.6-14.0 %	Calculated
<b><u>WBC PARAMETERS</u></b>			
WBC Total Count	7820	4000-10000 /cmm	Elect. Impedance
<b><u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u></b>			
Lymphocytes	31.4	20-40 %	
Absolute Lymphocytes	2455.5	1000-3000 /cmm	Calculated
Monocytes	6.9	2-10 %	
Absolute Monocytes	539.6	200-1000 /cmm	Calculated
Neutrophils	58.3	40-80 %	
Absolute Neutrophils	4559.1	2000-7000 /cmm	Calculated
Eosinophils	3.1	1-6 %	
Absolute Eosinophils	242.4	20-500 /cmm	Calculated
Basophils	0.3	0.1-2 %	
Absolute Basophils	23.5	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<b><u>PLATELET PARAMETERS</u></b>			
Platelet Count	184000	150000-400000 /cmm	Elect. Impedance
MPV	10.7	6-11 fl	Calculated
PDW	20.9	11-18 %	Calculated
<b><u>RBC MORPHOLOGY</u></b>			
Hypochromia	-		
Microcytosis	-		



**CID** : 2405313860  
**Name** : MR.SANTOSH SINGH  
**Age / Gender** : 36 Years / Male  
**Consulting Dr.** : -  
**Reg. Location** : Mahavir Nagar, Kandivali West (Main Centre)

**Collected** : 22-Feb-2024 / 09:35  
**Reported** : 22-Feb-2024 / 13:28

Use a QR Code Scanner  
Application To Scan the Code

Macrocytosis	-
Anisocytosis	Mild
Poikilocytosis	Mild
Polychromasia	-
Target Cells	-
Basophilic Stippling	-
Normoblasts	-
Others	-
WBC MORPHOLOGY	-
PLATELET MORPHOLOGY	-
COMMENT	-

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR                      10                                      2-15 mm at 1 hr.                                      Sedimentation

**Clinical Significance:** The erythrocyte sedimentation rate (ESR), also called a sedimentation rate is the rate red blood cells sediment in a period of time.

**Interpretation:**

Factors that increase ESR: Old age, Pregnancy, Anemia

Factors that decrease ESR: Extreme leukocytosis, Polycythemia, Red cell abnormalities- Sickle cell disease

**Limitations:**

- It is a non-specific measure of inflammation.
- The use of the ESR as a screening test in asymptomatic persons is limited by its low sensitivity and specificity.

**Reflex Test:** C-Reactive Protein (CRP) is the recommended test in acute inflammatory conditions.

**Reference:**

- Pack Insert
- Brigden ML. Clinical utility of the erythrocyte sedimentation rate. American family physician. 1999 Oct 1;60(5):1443-50.

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West

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



*J Thakker*

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



CID : 2405313860  
Name : MR.SANTOSH SINGH  
Age / Gender : 36 Years / Male  
Consulting Dr. : -  
Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Collected : 22-Feb-2024 / 09:35  
Reported : 22-Feb-2024 / 15:01

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	87.5	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.38	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.23	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.15	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.4	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.9	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.5	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2	1 - 2	Calculated
SGOT (AST), Serum	31.0	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	35.9	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	21.0	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	62.1	40-130 U/L	Colorimetric
BLOOD UREA, Serum	21.1	12.8-42.8 mg/dl	Kinetic
BUN, Serum	9.9	6-20 mg/dl	Calculated
CREATININE, Serum	0.95	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	106	(ml/min/1.73sqm) 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	Calculated



CID : 2405313860  
Name : MR.SANTOSH SINGH  
Age / Gender : 36 Years / Male  
Consulting Dr. : -  
Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Collected : 22-Feb-2024 / 09:35  
Reported : 22-Feb-2024 / 17:33

Use a QR Code Scanner  
Application To Scan the Code

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

URIC ACID, Serum	<b>8.7</b>	3.5-7.2 mg/dl	Enzymatic
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	

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



*Bmhasakar*

**Dr.KETAKI MHASKAR**  
M.D. (PATH)  
Pathologist



CID : 2405313860  
Name : MR.SANTOSH SINGH  
Age / Gender : 36 Years / Male  
Consulting Dr. : -  
Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Collected : 22-Feb-2024 / 09:35  
Reported : 22-Feb-2024 / 13:54

Use a QR Code Scanner  
Application To Scan the Code

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
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 Borivali Lab, Borivali West

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



*J Thakker*

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



CID : 2405313860  
Name : MR.SANTOSH SINGH  
Age / Gender : 36 Years / Male  
Consulting Dr. : -  
Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Collected : 22-Feb-2024 / 09:35  
Reported : 22-Feb-2024 / 13:54

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	Pale yellow	Pale Yellow	-
Reaction (pH)	7.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.005	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	30	-	-
<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	2-3	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	1-2		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	3-4	Less than 20/hpf	
Others	-		

**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

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



*J. Thakker*

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



CID : 2405313860  
Name : MR.SANTOSH SINGH  
Age / Gender : 36 Years / Male  
Consulting Dr. : -  
Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Use a QR Code Scanner  
Application To Scan the Code  
Collected : 22-Feb-2024 / 09:35  
Reported : 22-Feb-2024 / 15:04

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

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	AB
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. Vrushi Shroff*

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



CID : 2405313860  
Name : MR.SANTOSH SINGH  
Age / Gender : 36 Years / Male  
Consulting Dr. : -  
Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Use a QR Code Scanner Application To Scan the Code  
Collected : 22-Feb-2024 / 09:35  
Reported : 22-Feb-2024 / 15:01

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	126.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	155.0	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	50.0	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	76.0	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	45.0	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	31.0	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	2.5	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	0.9	0-3.5 Ratio	Calculated

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



*J Thakker*

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





CID : 2405313860  
 Name : MR.SANTOSH SINGH  
 Age / Gender : 36 Years / Male  
 Consulting Dr. : -  
 Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Use a QR Code Scanner  
 Application To Scan the Code  
 Collected : 22-Feb-2024 / 09:35  
 Reported : 22-Feb-2024 / 14:56

**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	5.6	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	16.0	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	3.42	0.35-5.5 microIU/ml	ECLIA



CID : 2405313860  
Name : MR.SANTOSH SINGH  
Age / Gender : 36 Years / Male  
Consulting Dr. : -  
Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Use a QR Code Scanner Application To Scan the Code  
Collected : 22-Feb-2024 / 09:35  
Reported : 22-Feb-2024 / 14:56

**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 becuae 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 Borivali Lab, Borivali West  
\*\*\* End Of Report \*\*\*



*Bmhasakar*

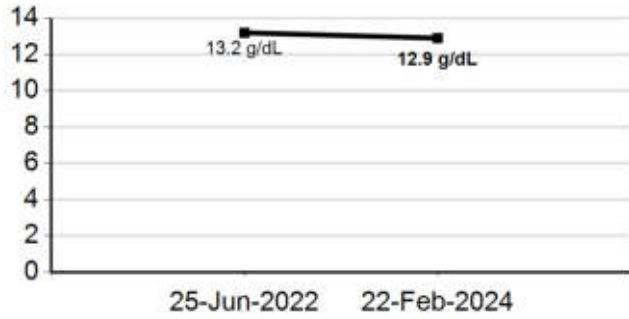
**Dr.KETAKI MHASKAR**  
M.D. (PATH)  
Pathologist



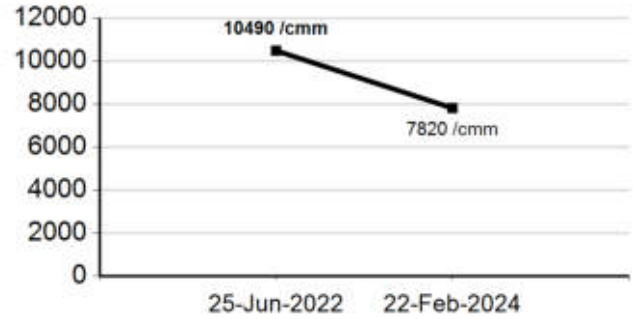
CID : 2405313860  
 Name : MR.SANTOSH SINGH  
 Age / Gender : 36 Years / Male  
 Consulting Dr. : -  
 Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Use a QR Code Scanner  
 Application To Scan the Code

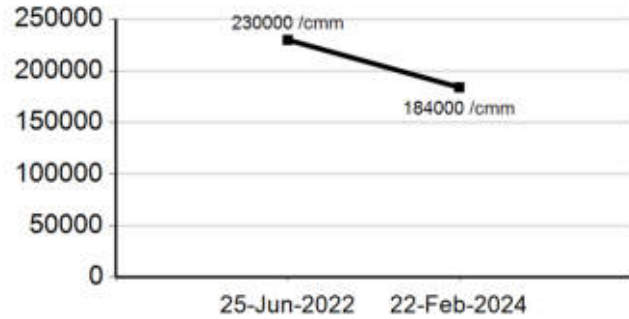
**Haemoglobin**



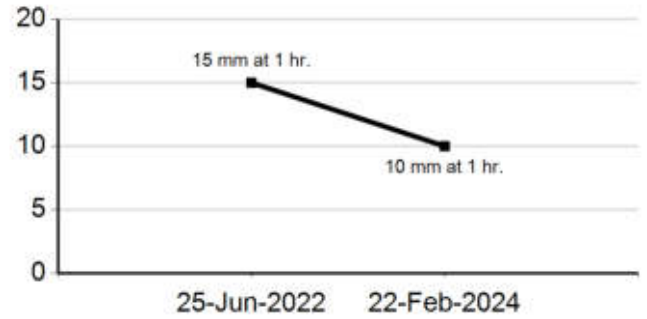
**WBC Total Count**



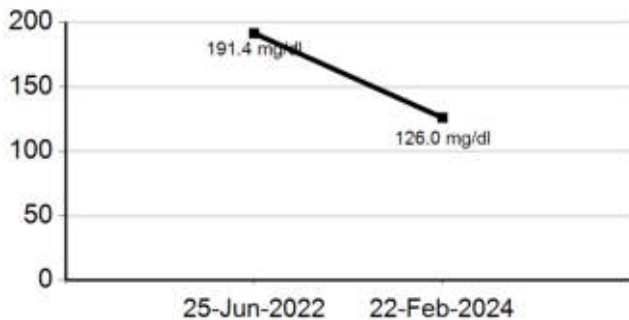
**Platelet Count**



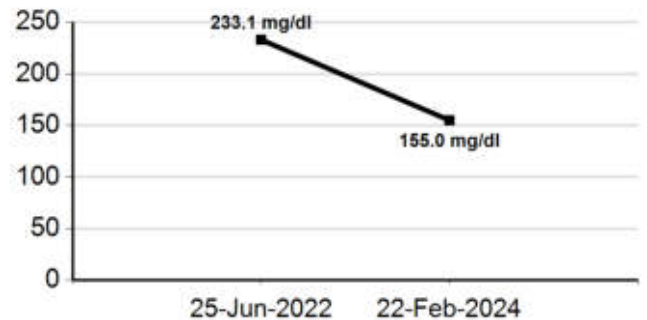
**ESR**



**CHOLESTEROL**



**TRIGLYCERIDES**

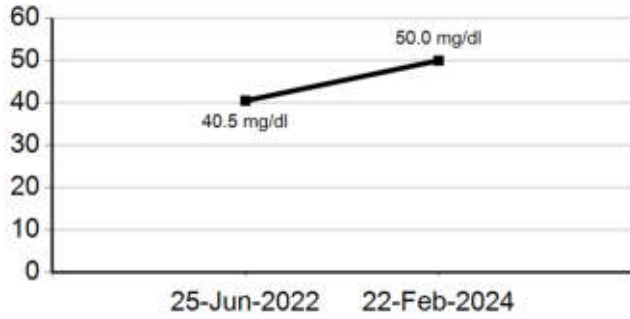




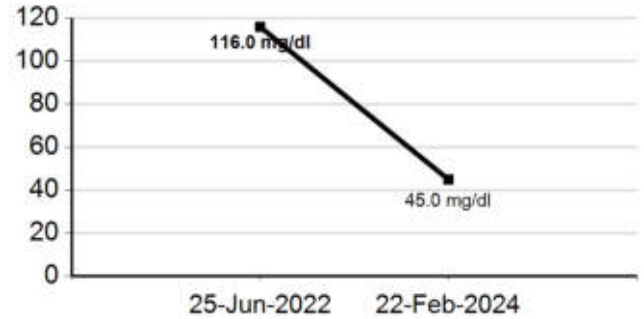
CID : 2405313860  
 Name : MR.SANTOSH SINGH  
 Age / Gender : 36 Years / Male  
 Consulting Dr. : -  
 Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Use a QR Code Scanner  
 Application To Scan the Code

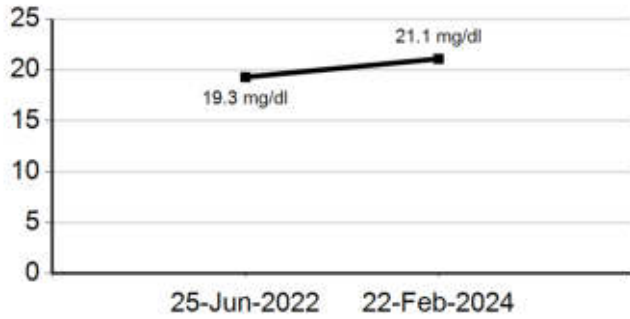
**HDL CHOLESTEROL**



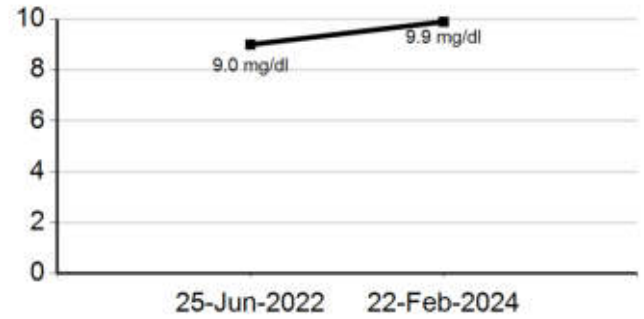
**LDL CHOLESTEROL**



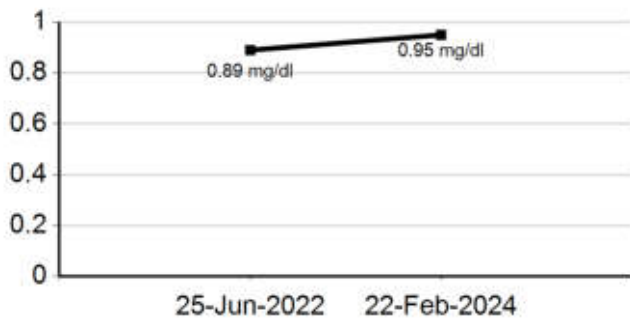
**BLOOD UREA**



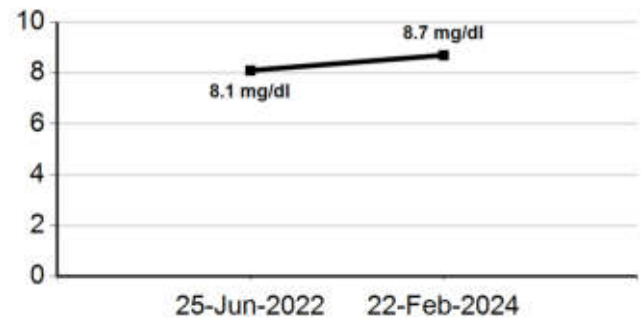
**BUN**



**CREATININE**



**URIC ACID**

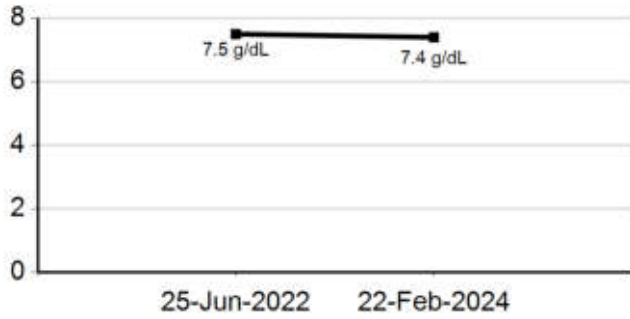




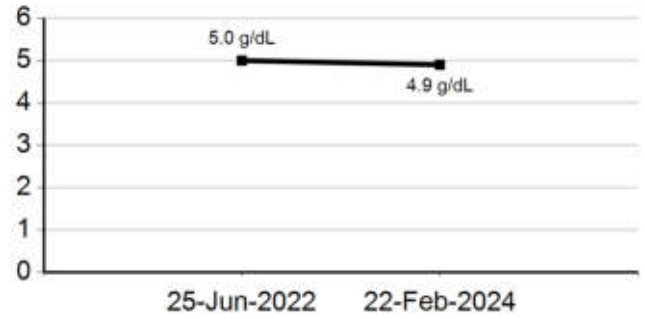
CID : 2405313860  
 Name : MR.SANTOSH SINGH  
 Age / Gender : 36 Years / Male  
 Consulting Dr. : -  
 Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Use a QR Code Scanner  
 Application To Scan the Code

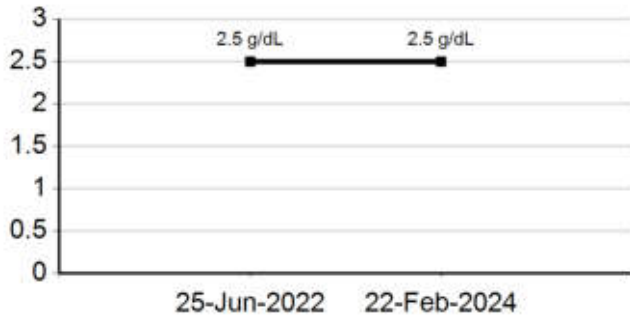
**TOTAL PROTEINS**



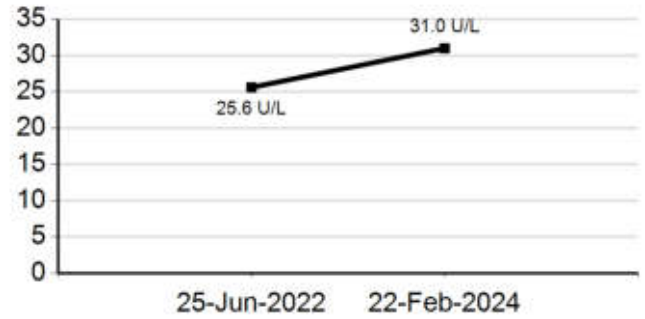
**ALBUMIN**



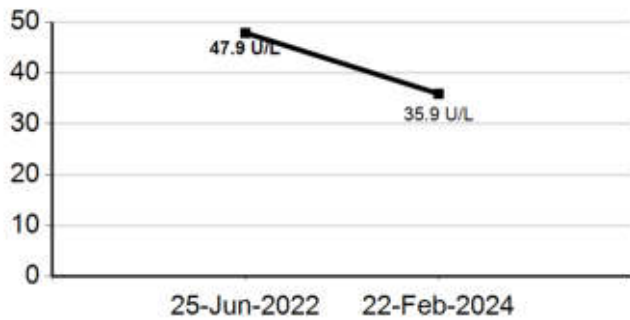
**GLOBULIN**



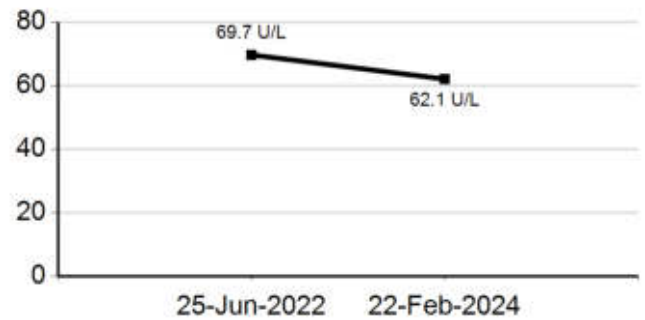
**SGOT (AST)**



**SGPT (ALT)**



**ALKALINE PHOSPHATASE**

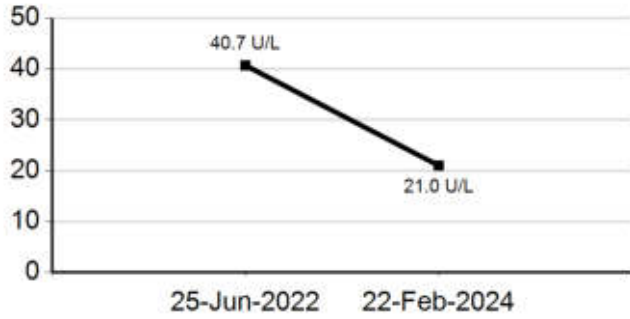




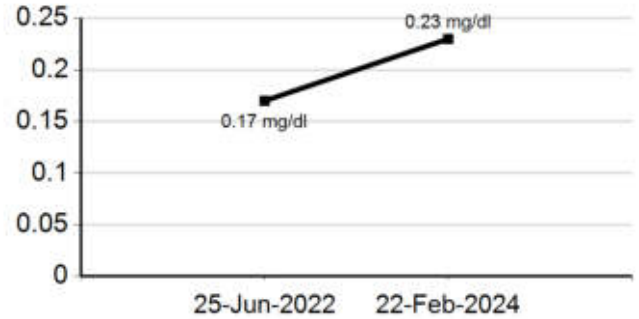
Use a QR Code Scanner Application To Scan the Code

CID : 2405313860  
 Name : MR.SANTOSH SINGH  
 Age / Gender : 36 Years / Male  
 Consulting Dr. : -  
 Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

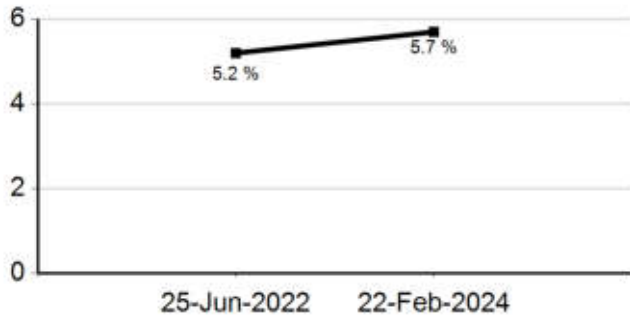
**GAMMA GT**



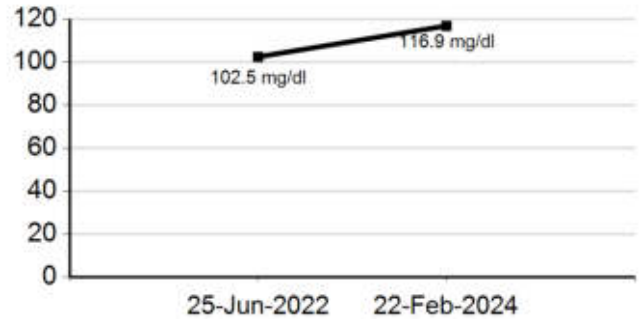
**BILIRUBIN (DIRECT)**



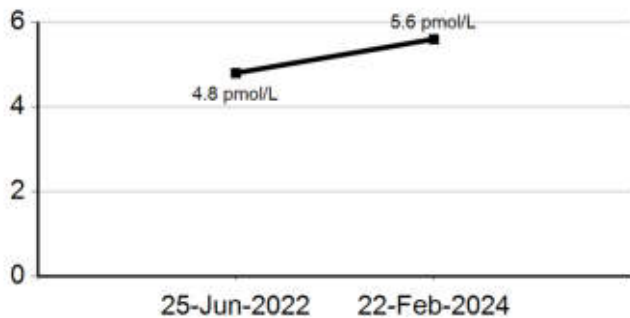
**Glycosylated Hemoglobin (HbA1c)**



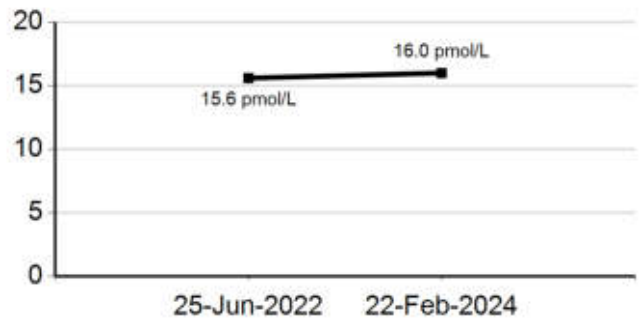
**Estimated Average Glucose (eAG)**



**Free T3**



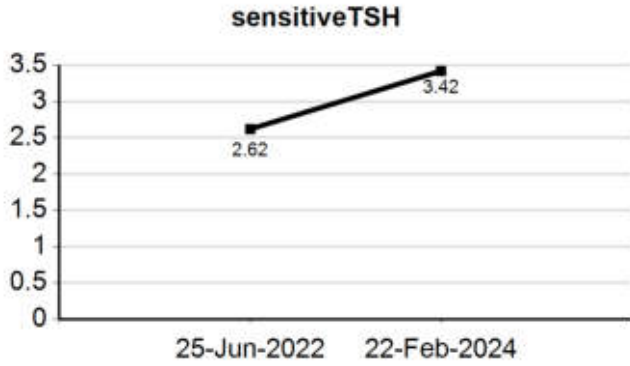
**Free T4**





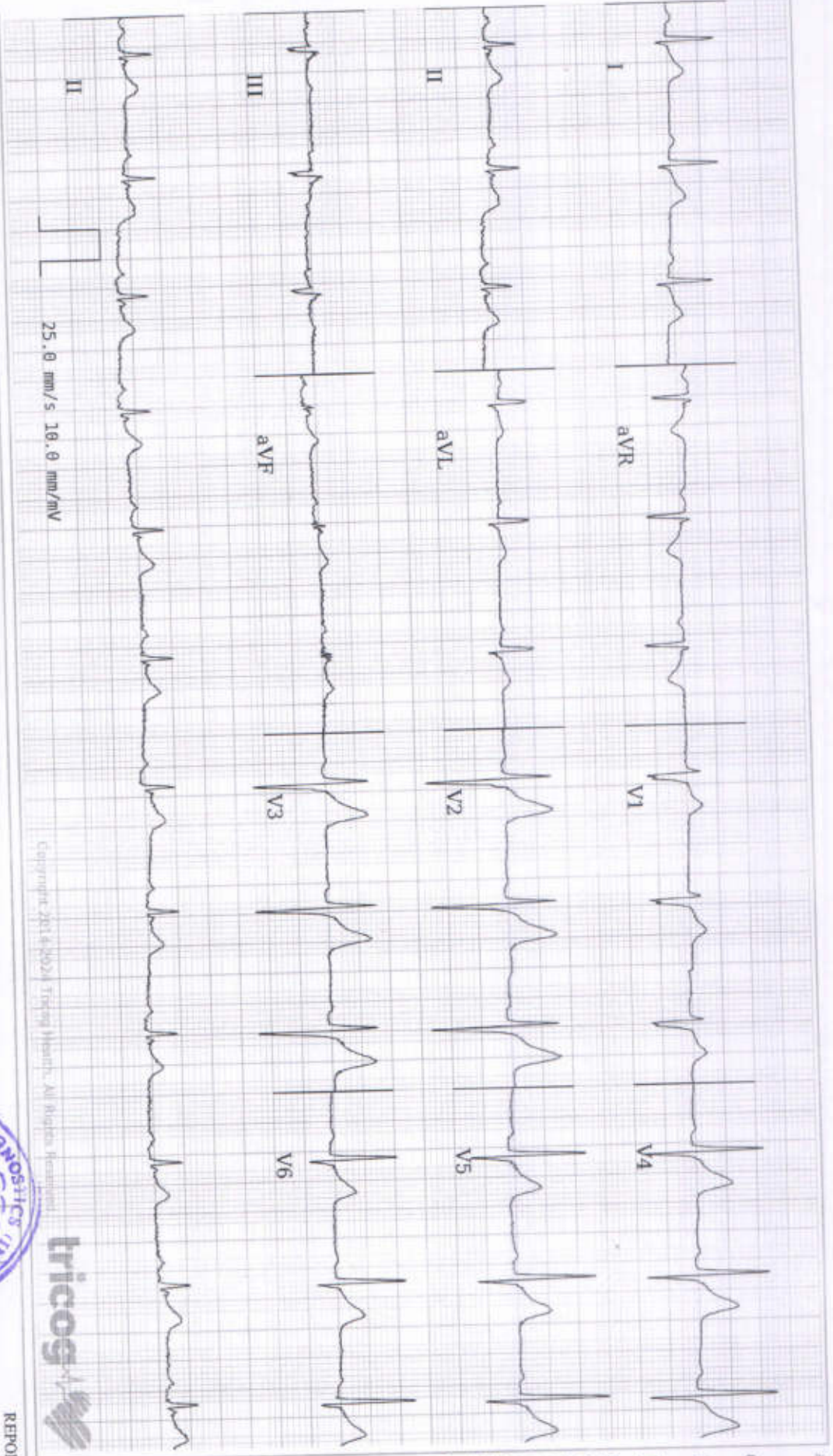
Use a QR Code Scanner  
Application To Scan the Code

CID : 2405313860  
Name : MR.SANTOSH SINGH  
Age / Gender : 36 Years / Male  
Consulting Dr. : -  
Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)



Patient Name: SANTOSH SINGH  
Patient ID: 2405313860

**SUBURBAN DIAGNOSTICS - MAHAVIR NAGAR, KANDIVALI WEST**  
Date and Time: 22nd Feb 24 10:05 AM



25.0 mm/s 10.0 mm/mV

Copyright © 2014-2024 Tricog Health. All Rights Reserved.



Age 36 NA NA  
years months days

Gender Male

Heart Rate 73bpm

Patient Vitals

BP: 120/80 mmHg  
Weight: 75 kg  
Height: 173 cm  
Pulse: 76 bpm  
Spo2: NA  
Resp: NA  
Others: NA

Measurements

QRSD: 108ms  
QT: 354ms  
QTcB: 389ms  
PR: 156ms  
P-R-T: 29° 21° 42°

REPORTED BY

*[Signature]*

Dr. Alita Bhanu  
M.B.B.S.P.G.D.C.C (DIP. Cardiology)  
2015062200



ECG Within Normal Limits: Sinus Rhythm. Please correlate clinically.

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 in conjunction with the clinical history. 2) Patient vitals are as entered by the clinician and not derived from the ECG.



Name : MR. SANTOSH SINGH

Age / Gender : 36 Years/Male

Consulting Dr. :

Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Collected : 22-Feb-2024 / 09:28

Reported : 23-Feb-2024 / 11:50

### PHYSICAL EXAMINATION REPORT

History and Complaints: K/C/O HTN/DYSLIPIDEMIA.

#### EXAMINATION FINDINGS:

Height (cms):	173	Weight (kg):	75
Temp:	Afebrile	Skin:	Normal
Blood Pressure (mm/Hg):	120/80	Nails:	Healthy
Pulse:	76/MIN	Lymph Node:	Not Palpable

#### Systems

- Cardiovascular: S1,S2 Normal No Murmurs
- Respiratory: Air Entry Bilaterally Equal
- Genitourinary: NAD
- GI System: Soft non tender No Organomegaly
- CNS: NAD

IMPRESSION: HEALTHY.

ADVICE: REGULAR EXERCISE. HEALTHY DIET. DENTAL CHECK-UP.

#### CHIEF COMPLAINTS:

1) Hypertension:	YES
2) IHD:	NO
3) Arrhythmia:	NO
4) Diabetes Mellitus :	NO
5) Tuberculosis :	NO
6) Asthama:	NO
7) Pulmonary Disease :	NO

Name : MR. SANTOSH SINGH

Age / Gender : 36 Years/Male

Consulting Dr. :

Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

Collected : 22-Feb-2024 / 09:28

Reported : 23-Feb-2024 / 11:50

- 8) Thyroid/ Endocrine disorders : NO
- 9) Nervous disorders : NO
- 10) GI system : NO
- 11) Genital urinary disorder : NO
- 12) Rheumatic joint diseases or symptoms : NO
- 13) Blood disease or disorder : NO
- 14) Cancer/lump growth/cyst : NO
- 15) Congenital disease : NO
- 16) Surgeries :

**PERSONAL HISTORY:**

- 1) Alcohol NO
- 2) Smoking NO
- 3) Diet VEG
- 4) Medication YES

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



*[Signature]*  
Dr. Ajita Bhosale  
PHYSICIAN

**Dr. AJITA BHOSALE**  
Reg. No. 2912200  
MBBS, Cardiology

Date:- 22/02/24

CID: 2405313860

Name:- Mr. Santosh Singh Sex / Age: m/36yrs.

EYE CHECK UP

Chief complaints: - No

Systemic Diseases: - No

Past history: - No

Unaided Vision: - NO

Aided Vision: - NO

Refraction: (R) 6/6 (L) 6/6

(Right Eye)

(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance				6/6				6/6
Near				N/6				N/6

Colour Vision: Normal / Abnormal

Remark: Normal vision.



भारत सरकार  
Government of India

सन्तोष सिंह  
SANTOSH SINGH  
जन्म तिथि / DOB : 01/08/1987  
पुरुष / MALE

7546 1037 6093

मेरा आधार, मेरी पहचान



Issue Date: 04/04/2012

*Santosh Singh*

# SUBURBAN DIAGNOSTICS PVT LTD.

**Patient Details**                      Date: 22-Feb-24                      Time: 10:45:04 AM  
**Name:** SANTOSH SINGH ID: 2405313860  
**Age:** 36 y                      **Sex:** M                      **Height:** 173 cms                      **Weight:** 75 Kgs  
**Clinical History:** ROUTINE CHECK UP, K/C/O HTN/DYSLIPIDEMIA  
**Medications:** TAB. COVERSYL PLUS, PITAVASTATIN

## Test Details

**Protocol:** Bruce                      **Pr.MHR:** 184 bpm                      **THR:** 165 (90 % of Pr.MHR) bpm  
**Total Exec. Time:** 8 m 25 s                      **Max. HR:** 161 ( 88% of Pr.MHR )bpm                      **Max. Mets:** 10.20  
**Max. BP:** 170 / 80 mmHg                      **Max. BP x HR:** 27370 mmHg/min                      **Min. BP x HR:** 6640 mmHg/min  
**Test Termination Criteria:** THR ACHIEVED

## 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	1 : 2	1.0	0	0	83	120 / 80	-2.12 aVR	4.60 V6
Standing	0 : 50	1.0	0	0	85	120 / 80	-1.70 aVR	4.60 V6
Hyperventilation	0 : 26	1.0	0	0	91	120 / 80	-2.12 aVR	3.89 I
1	3 : 0	4.6	1.7	10	111	130 / 80	-3.40 aVR	5.31 I
2	3 : 0	7.0	2.5	12	137	150 / 80	-3.18 aVR	4.95 V2
Peak Ex	2 : 25	10.2	3.4	14	161	170 / 80	-1.91 aVR	3.89 V2
Recovery(1)	3 : 0	1.8	1	0	103	140 / 80	-1.70 III	4.25 V2
Recovery(2)	0 : 52	1.0	0	0	103	120 / 80	-0.85 III	1.77 V2

## Interpretation

GOOD EFFORT TOLERANCE.  
 MODERATE WORKLOAD ACHIEVED.  
 APPROPRIATE CHRONOTROPIC AND INOTROPIC RESPONSE.  
 NO SIGNIFICANT ST-T CHANGES AT PEAK EXERCISE.  
 NO SIGNIFICANT ST-T CHANGES AT RECOVERY.  
 NO ARRHYTHMIAS NOTED.

**IMPRESSION:** THIS EXERCISE STRESS TEST IS NEGATIVE FOR REVERSIBLE INDUCIBLE ISCHEMIA.

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

Ref. Doctor: ARCOFEMI HEALTHCARE  
 ( Summary Report edited by user )



  
 Doctor: DR AJITA BHOSALE

(c) Schiller Healthcare India Pvt. Ltd. V 4.53

**Dr. AJITA BHOSALE**  
 Reg. No. 2013/062200  
 MBBS/D. Cardiology



SANTOSH SINGH (36 M)

Protocol: Bruce

ID: 2405313860

Date: 22-Feb-24

Exec Time: 0 m 0 s

Stage Time: 0 m 56 s

HR: 88 bpm

SUBURBAN DIAGNOSTICS PVT LTD.

Test Report

B.P: 120 / 80

(THR: 165 bpm)

Speed: 0 mph

Grade: 0 %

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

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

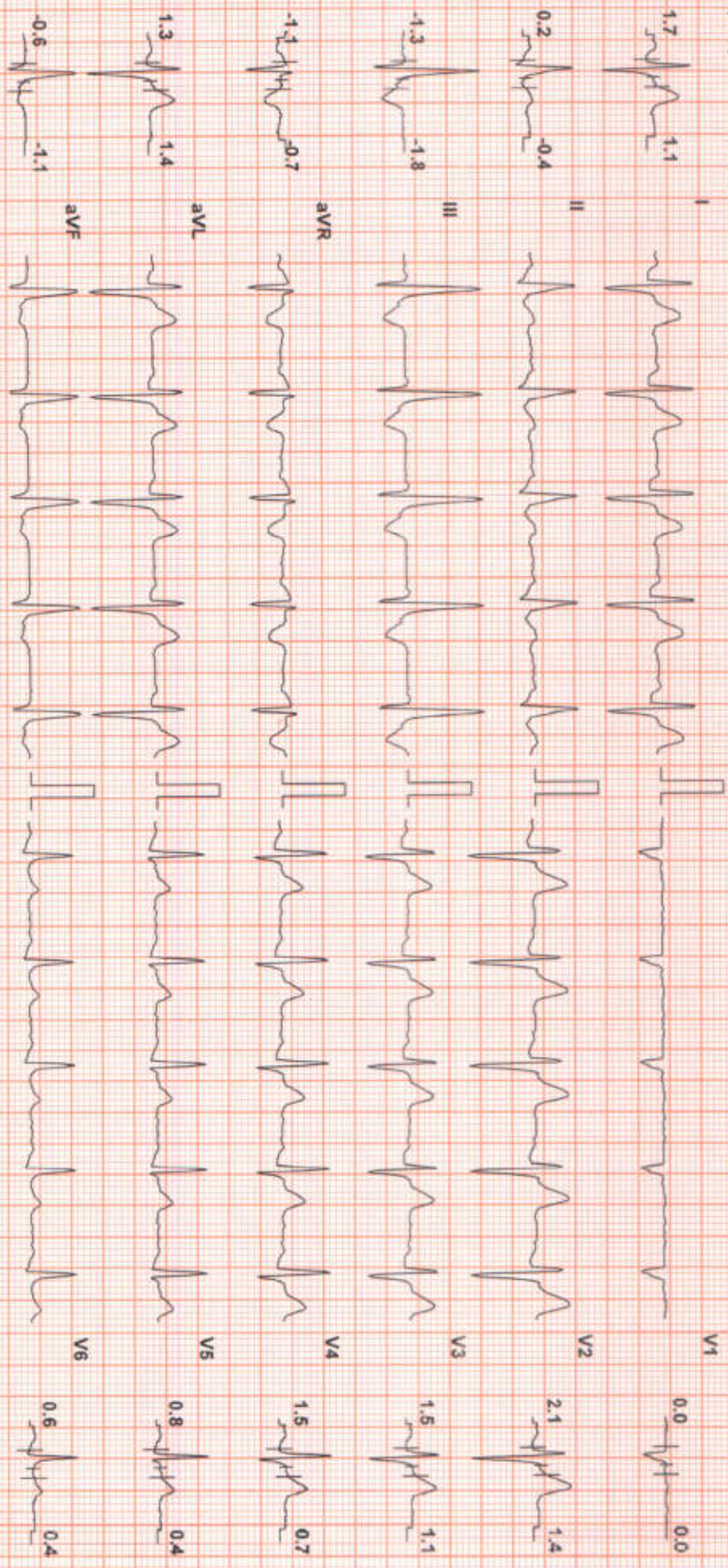


Chart Speed: 25 mm/sec  
Schiller Spazdan V 4.52

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

60 = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



**SANTOSH SINGH (36 M)**

**SUBURBAN DIAGNOSTICS PVT LTD.**

**Test Report**

Protocol: Bruce

ID: 2405313860

Date: 22-Feb-24

Exec Time: 0 m 0 s

Stage Time: 0 m 44 s

HR: 83 bpm

ST Level (mm)    ST Slope (mV/s)

Stage: Standing

Speed: 0 mph

Grade: 0 %

(THR: 165 bpm)

B.P: 120 / 80

ST Level (mm)    ST Slope (mV/s)

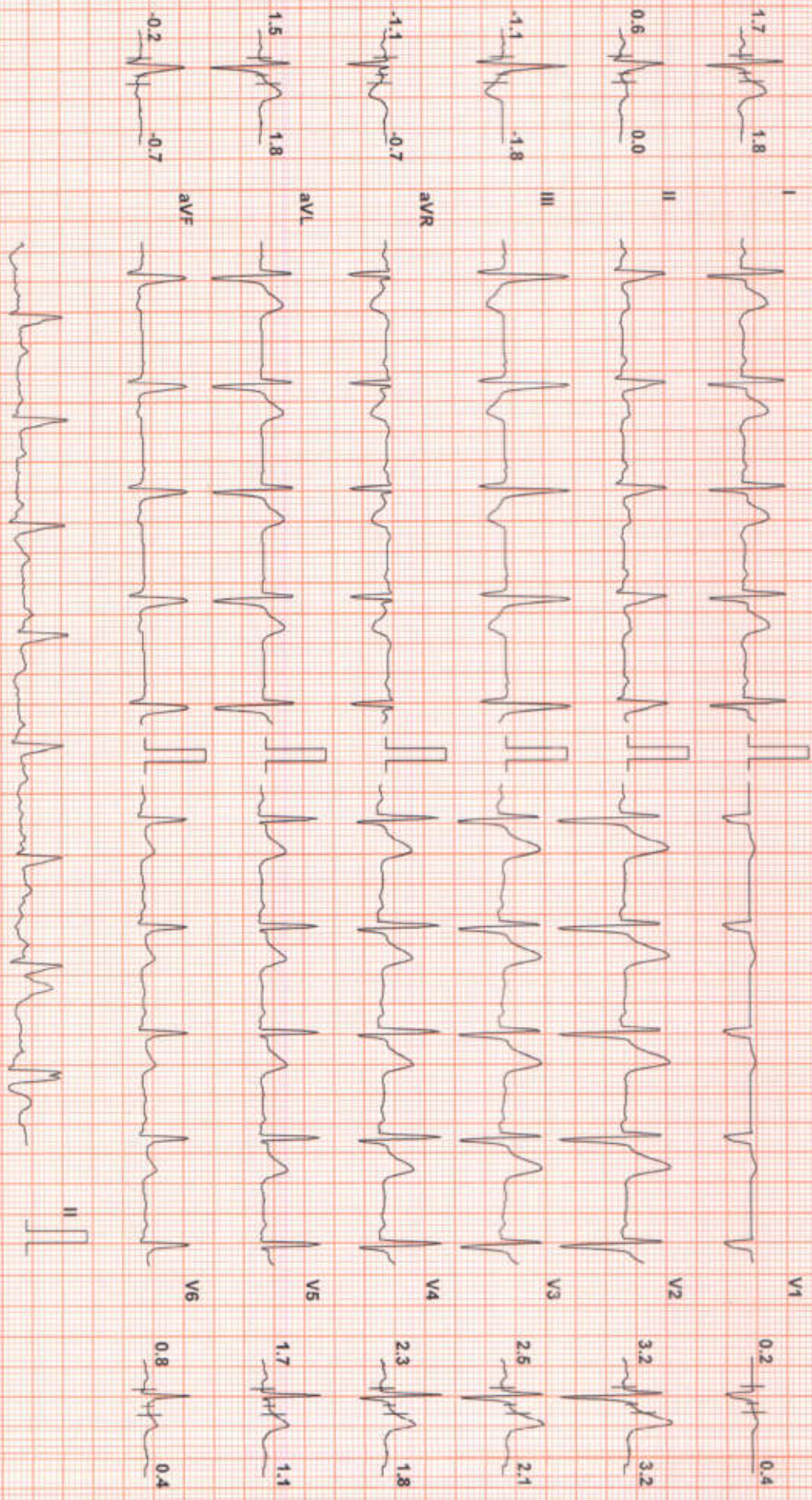


Chart Speed: 25 mm/sec  
Schiller Spandita V 4.52

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

100 = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



**SANTOSH SINGH (36 M)**

ID: 2405313860

Date: 22-Feb-24

Exec Time : 0 m 0 s

Stage Time : 0 m 20 s HR: 87 bpm

**SUBURBAN DIAGNOSTICS PVT LTD.**

**Test Report**

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

Grade: 0 %

(THR: 165 bpm)

B.P: 120 / 80

ST Level (mm)      ST Slope (mV/s)

ST Level (mm)      ST Slope (mV/s)

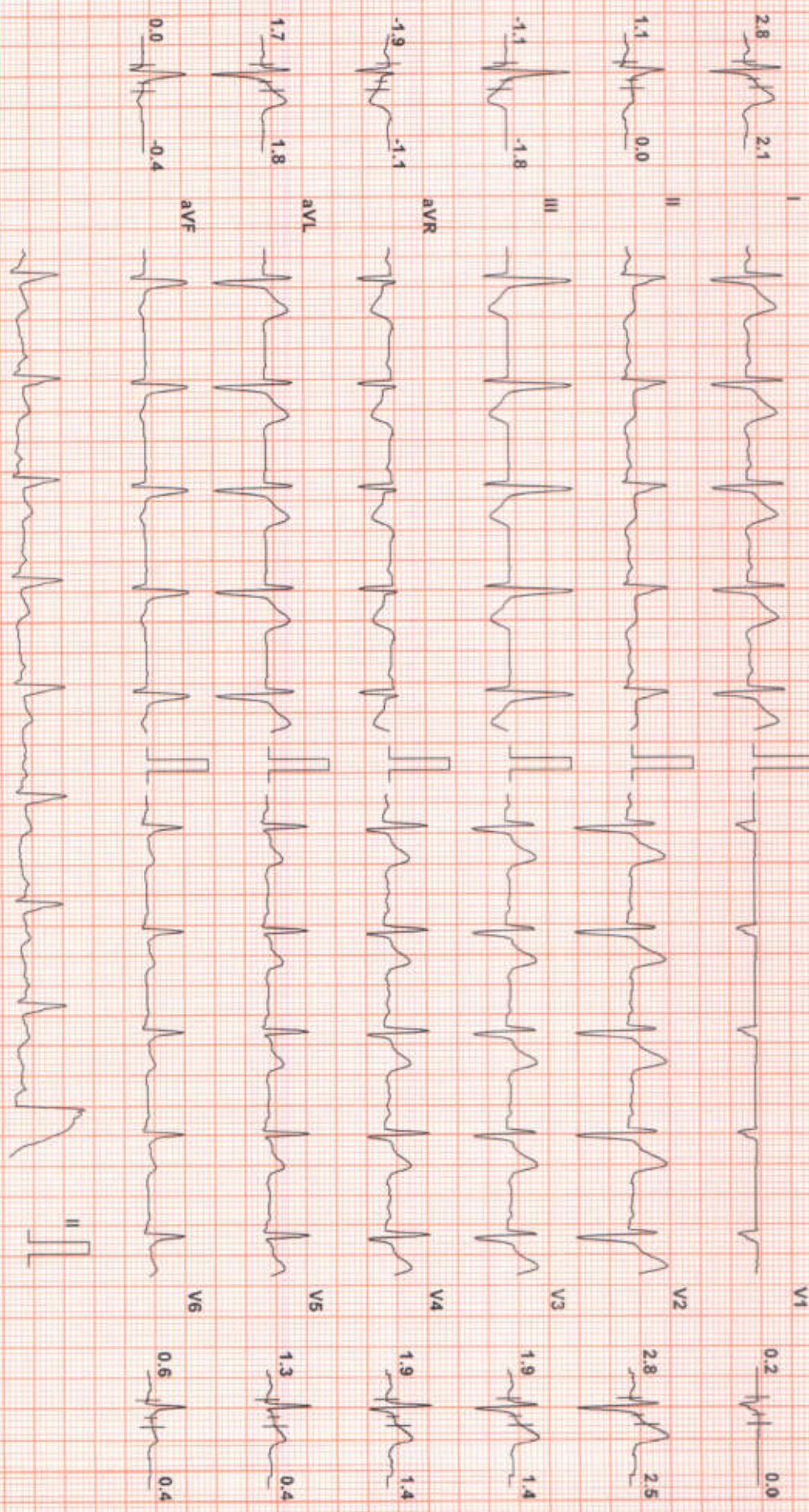


Chart Speed: 25 mm/sec  
Schier Spändan V 4.52

Filter: 36 Hz

Mains Filtr: ON

Amp: 10 mm

iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



SANTOSH SINGH (36 M)

ID: 2405313860

Date: 22-Feb-24 Exec Time: 2 m 54 s Stage Time: 2 m 54 s HR: 111 bpm

Protocol: Bruce

Stage: 1

Speed: 1.7 mph

Grade: 10 %

(THR: 165 bpm)

B.P: 130 / 80

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

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

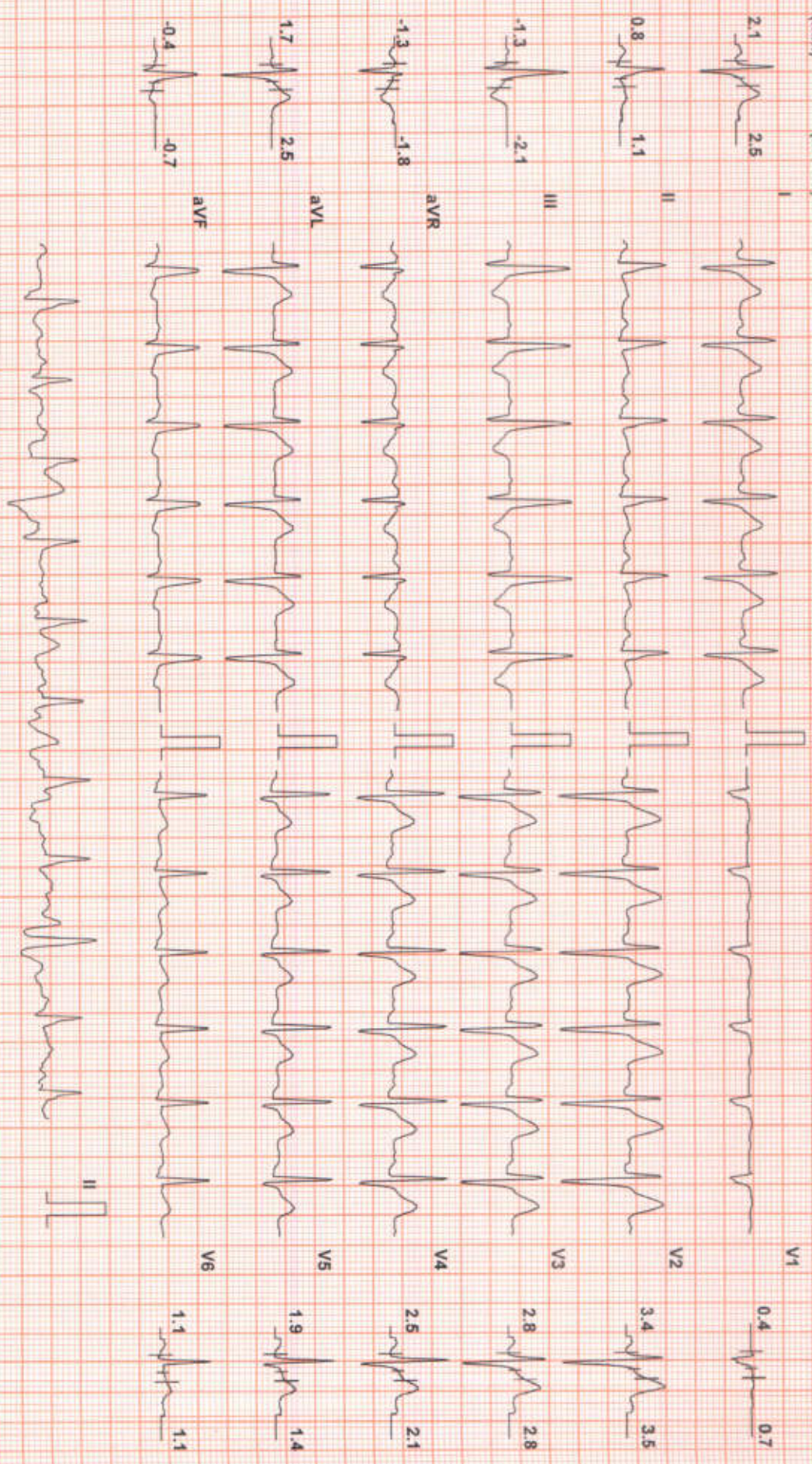


Chart Speed: 25 mm/sec  
Smiter Spandan V 4.52

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

Protocol: Bruce

Stage: 2

Speed: 2.5 mph

Grade: 12 %

(THR: 165 bpm)

B.P: 150 / 80

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

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

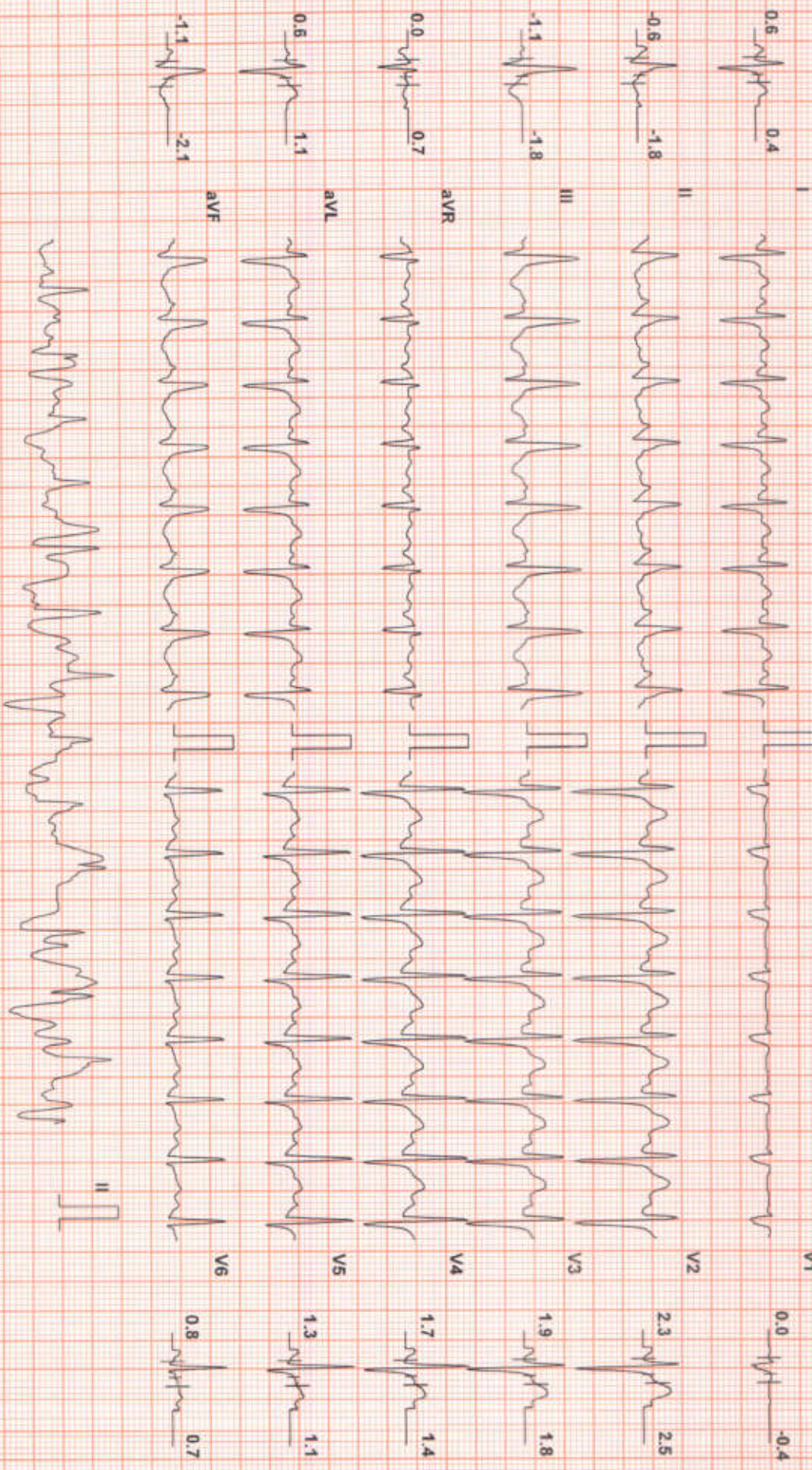


Chart Speed: 25 mm/sec  
Schlier-Spindler V 4.52

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

SANTOSH SINGH (36 M)

ID: 2405313860

Date: 22-Feb-24 Exec Time : 8 m 19 s Stage Time : 2 m 19 s HR: 160 bpm

Protocol: Bruce

Stage: Peak Ex

Speed: 3.4 mph

Grade: 14 %

(THR: 165 bpm)

B.P: 170 / 80

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

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

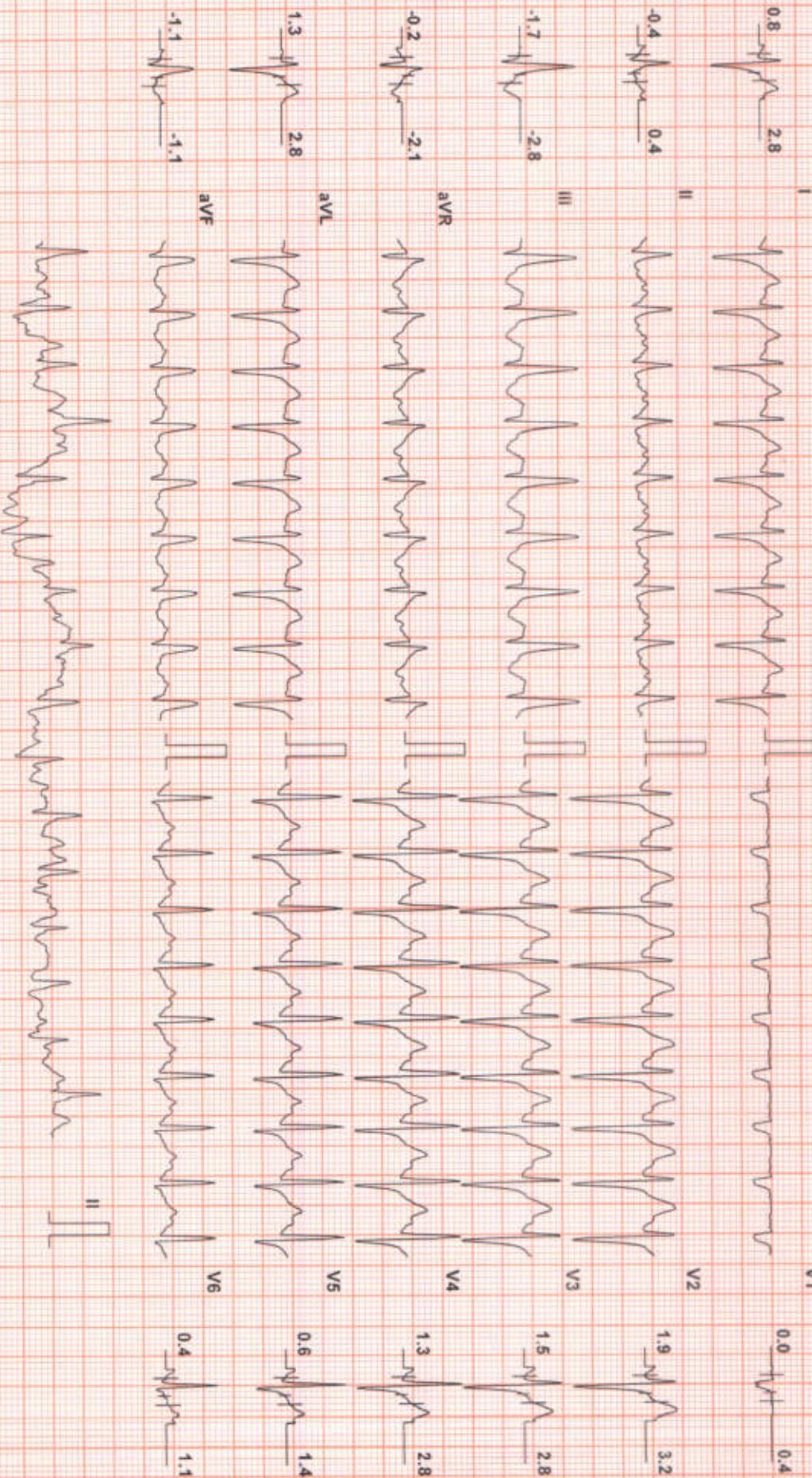


Chart Speed: 25 mm/sec  
Schlitz Spandau V 4.52

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



**SANTOSH SINGH (36 M)**

ID: 2405313860

Date: 22-Feb-24

Exec Time : 8 m 25 s Stage Time : 2 m 54 s HR: 103 bpm

**SUBURBAN DIAGNOSTICS PVT LTD.**

**Test Report**

Protocol: Bruce

Stage: Recovery(1)

Speed: 1 mph

Grade: 0 %

(THR: 165 bpm)

B.P: 140 / 80

ST Level (mm)    ST Slope (mV/s)

ST Level (mm)    ST Slope (mV/s)

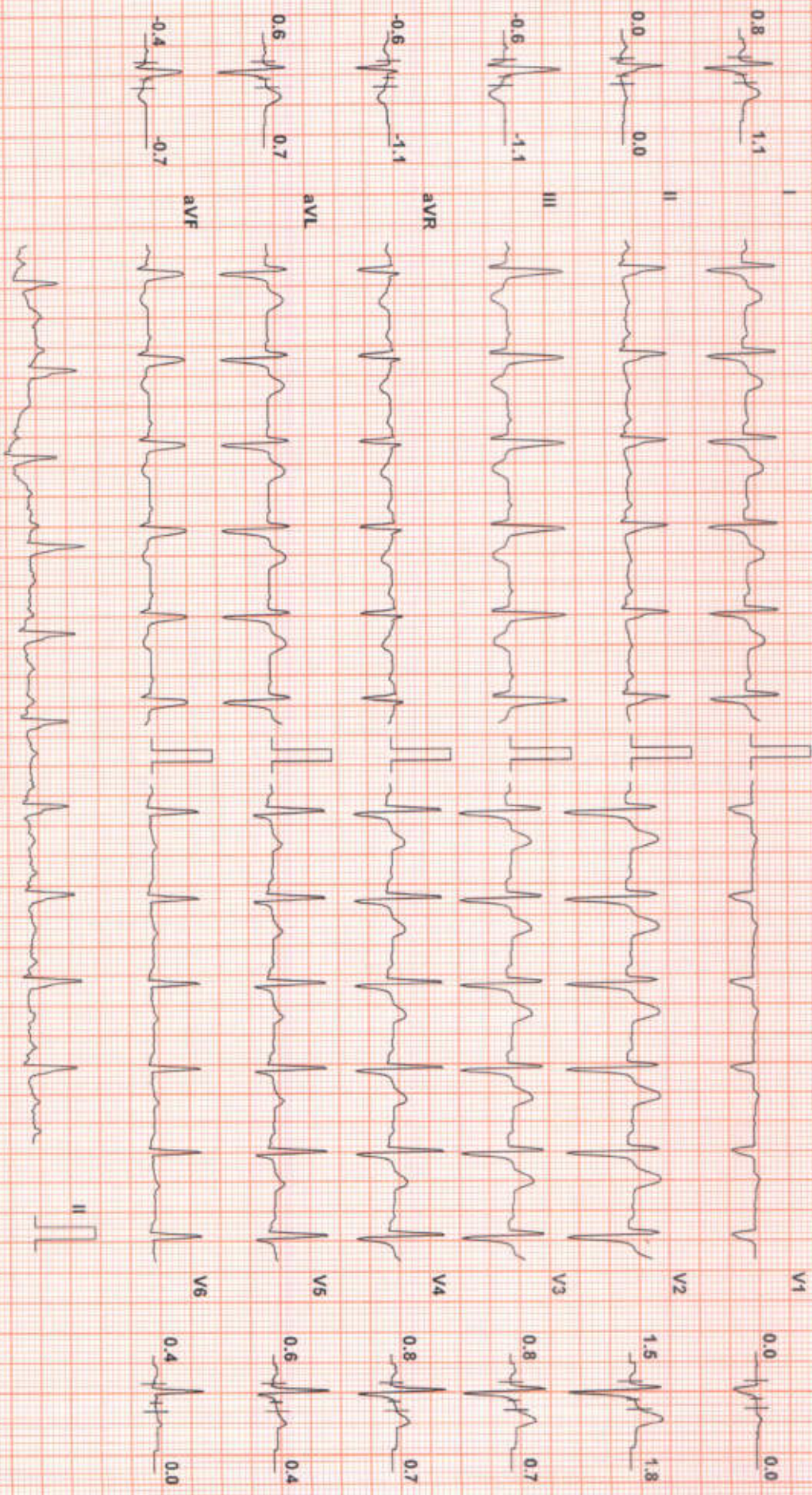


Chart Speed 25 mm/sec  
Schlifer Standard V 4.52

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

40 = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



**SANTOSH SINGH (36 M)**

Protocol: Bruce

ID: 2405313860

Date: 22-Feb-24

Exec Time : 8 m 25 s Stage Time : 0 m 46 s **HR: 101 bpm**

**SUBURBAN DIAGNOSTICS PVT LTD.**

**Test Report**

Stage: Recovery(2)

Speed: 0 mph

Grade: 0 %

(THR: 165 bpm)

B.P: 120 / 80

ST Level (mm)      ST Slope (mV / s)

ST Level (mm)      ST Slope (mV / s)

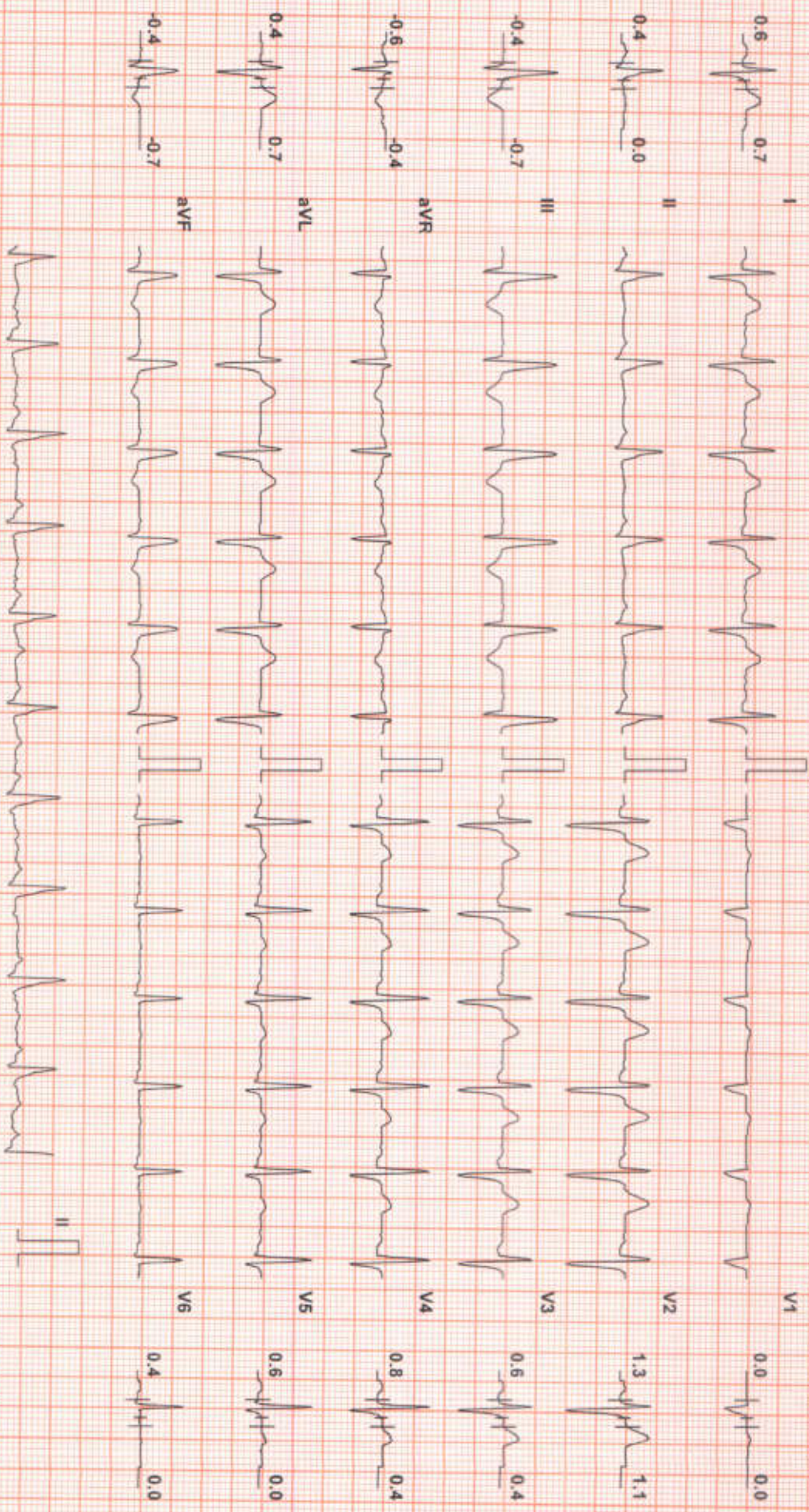


Chart Speed: 25 mm/sec  
Schiller Standard V 4.62

Filter: 35 Hz

Main: Filt: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



**CID** : 2405313860  
**Name** : Mr SANTOSH SINGH  
**Age / Sex** : 36 Years/Male  
**Ref. Dr** :  
**Reg. Location** : Mahavir Nagar, Kandivali West Main Centre  
**Reg. Date** : 22-Feb-2024  
**Reported** : 22-Feb-2024/11:33

## **USG WHOLE ABDOMEN**

### **LIVER:**

The liver is normal in size (14.2 cm), echotexture, shape and smooth margins. **It shows raised echogenicity.** The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen. The main portal vein and CBD appears normal.

### **GALL BLADDER:**

The gall bladder is physiologically distended and shows normal wall thickness. No evidence of gall stones or mass lesions seen

### **PANCREAS:**

The pancreas is well visualised and appears normal. No evidence of solid or cystic mass lesion.

### **KIDNEYS:**

Right kidney measures 9.9 x 4.6 cm. Left kidney measures 10.5 x 5.3 cm.  
Both the kidneys are normal in size shape and echotexture.  
No evidence of any calculus, hydronephrosis or mass lesion seen.

### **SPLEEN:**

The spleen is normal in size (10.4 cm) and echotexture. No evidence of focal lesion is noted.

### **URINARY BLADDER:**

The urinary bladder is minimally distended and reveal no intraluminal abnormality.

### **PROSTATE:**

The prostate is grossly normal

### **ADDITIONAL COMMENTS:**

Visualized bowel loops shows normal peristalsis.  
There is no evidence of any lymphadenopathy or ascites.



Use a QR Code Scanner  
Application To Scan the Code

**CID** : 2405313860  
**Name** : Mr SANTOSH SINGH  
**Age / Sex** : 36 Years/Male  
**Ref. Dr** :  
**Reg. Location** : Mahavir Nagar, Kandivali West Main Centre  
**Reg. Date** : 22-Feb-2024  
**Reported** : 22-Feb-2024/11:33

**IMPRESSION:**

- **Grade I Fatty Liver**

**ADVICE: Clinical correlation**

NOTE: Above USG report is subject to findings evident at the time of scan & associated bowel gases. Sonography is known to have inter-observer variations. This modality has its own limitations & should be considered as a professional opinion. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Further / Follow-up imaging may be needed in some case for confirmation of findings. Please interpret accordingly. This report cannot be used for medico - legal purposes

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

**Dr. Chirag Patel**  
**Consultant Radiologist**  
**M.B.B.S, MD (Radiodiagnosis)**  
**Reg. No. MMC 2017073319**



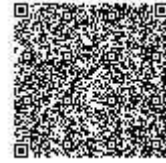
Use a QR Code Scanner  
Application To Scan the Code

**CID** : 2405313860  
**Name** : Mr SANTOSH SINGH  
**Age / Sex** : 36 Years/Male  
**Ref. Dr** :  
**Reg. Location** : Mahavir Nagar, Kandivali West Main  
Centre

**Reg. Date** : 22-Feb-2024  
**Reported** : 22-Feb-2024/11:33

---





Use a QR Code Scanner  
Application To Scan the Code

**CID** : 2405313860  
**Name** : Mr SANTOSH SINGH  
**Age / Sex** : 36 Years/Male  
**Ref. Dr** :  
**Reg. Location** : Mahavir Nagar, Kandivali West Main Centre  
**Reg. Date** : 22-Feb-2024  
**Reported** : 22-Feb-2024/12:56

**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. Chirag Patel  
Consultant Radiologist  
M.B.B.S, MD (Radiodiagnosis)  
Reg. No. MMC 2017073319



Use a QR Code Scanner  
Application To Scan the Code

**CID** : 2405313860  
**Name** : Mr SANTOSH SINGH  
**Age / Sex** : 36 Years/Male  
**Ref. Dr** :  
**Reg. Location** : Mahavir Nagar, Kandivali West Main  
Centre

**Reg. Date** : 22-Feb-2024  
**Reported** : 22-Feb-2024/12:56

---