

Authenticity Check



Use a QR Code Scanner  
Application To Scan the Code

CID : 2331802471  
Name : Mrs Shashwati Soumya  
Age / Sex : 33 Years/Female  
Ref. Dr :  
Reg. Location : Borivali West

Reg. Date : 14-Nov-2023  
Reported : 14-Nov-2023 / 13:54

**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.SUDHANSHU SAXENA  
Consultant Radiologist  
M.B.B.S DMRE (RadioDiagnosis)  
RegNo .MMC 2016061376.

Click here to view images [http://3.111.232.119/iRISViewer/NeoradViewer?](http://3.111.232.119/iRISViewer/NeoradViewer?Access) sionNo=2023111409121882



CID : 2331802471  
Name : Mrs Shashwati Soumya  
Age / Sex : 33 Years/Female  
Ref. Dr :  
Reg. Location : Borivali West

Reg. Date : 14-Nov-2023  
Reported : 14-Nov-2023 / 9:36

## USG WHOLE ABDOMEN

**LIVER:** Liver is normal in size 13.7 cm , shape and echotexture. There is no intra-hepatic biliary radical dilatation. No evidence of any obvious focal lesion.

**GALL BLADDER:** Gall bladder is not seen post operative status.

**PORTAL VEIN:** Portal vein is 9.3 mm normal. **CBD:** CBD is 3.4 mm normal.

**PANCREAS:** Pancreas appears normal in echotexture. There is no evidence of any focal lesion or calcification.

**KIDNEYS:** Right kidney measures 11.1 x 4.2 cm. **A non obstructive calculus of size 3 mm is seen in mid pole of right kidney.**

Left kidney measures 10.9 x 4.5 cm. **Mild fullness of left pelvicalyceal system is noted.**

**A non obstructive calculus of size 2.3 mm is seen in mid pole of left kidney,**

Both kidneys are normal in shape and echotexture. Corticomedullary differentiation is maintained.

**SPLEEN:** Spleen is normal in size 9.4 cm , shape and echotexture. No focal lesion is seen.

**URINARY BLADDER:** Urinary bladder is distended and normal. Wall thickness is within normal limits.

**Pre void volume- 415 cc , Post void volume- 28 cc.**

**UTERUS:** Uterus is anteverted, normal and measures 6.2 x 4.8 x 5.5cm. Uterine myometrium shows homogenous echotexture. Endometrium is normal in thickness and measures 5.4 mm. Cervix appears normal.

**OVARIES:** Both ovaries appear normal in size and echotexture.

The right ovary measures 3.0 x 2.1 x 1.6 cm (volume 5.5 cc).

The left ovary measures 2.7 x 1.9 x 2.2 cm (volume 6.3 cc).

Bilateral adnexa is clear.

No free fluid or obvious significant lymphadenopathy is seen.

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023111409121871>

Authenticity Check



Use a QR Code Scanner  
Application To Scan the Code

CID : 2331802471  
Name : Mrs Shashwati Soumya  
Age / Sex : 33 Years/Female  
Ref. Dr :  
Reg. Location : Borivali West

Reg. Date : 14-Nov-2023  
Reported : 14-Nov-2023 / 9:36

**Opinion:**

- Mild fullness of left pelvicalyceal system.
- Bilateral renal calculi.

For clinical correlation and follow up.

Note: Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. USG is known to have inter-observer variations. Further / Follow-up imaging may be needed in some cases for confirmation / exclusion of diagnosis. Patient was explained in detail verbally about the USG findings, USG measurements and its limitations. In case of any typographical error in the report, patient is requested to immediately contact the center for rectification within 7 days post which the center will not be responsible for any rectification. Please interpret accordingly.

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

DR.SUDHANSHU SAXENA  
Consultant Radiologist  
M.B.B.S DMRE (RadioDiagnosis)  
RegNo .MMC 2016061376.

Click here to view images <http://3.111.232.119/iRISViewer/NcoradViewer?AccessionNo=2023111409121871>

Date:- 14/01/2023.

CID: 2381802471

Name:- Shashwati Soumya.

Sex / Age: 33 / F

**EYE CHECK UP**

Chief complaints:

Systemic Diseases:

Past history:

Unaided Vision:

	LE	RE
Dv:-	6/6	6/6
Nv:-	NG	NG.

Aided Vision:

Refraction:

(Right Eye)

(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance	_____				_____			
Near	_____				_____			

✓  
Colour Vision: Normal / Abnormal

Remark:



CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Collected : 14-Nov-2023 / 09:18  
Reported : 14-Nov-2023 / 12:46

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	9.9	12.0-15.0 g/dL	Spectrophotometric
RBC	4.66	3.8-4.8 mil/cmm	Elect. Impedance
PCV	30.9	36-46 %	Measured
MCV	66	80-100 fl	Calculated
MCH	21.3	27-32 pg	Calculated
MCHC	32.1	31.5-34.5 g/dL	Calculated
RDW	17.9	11.6-14.0 %	Calculated
<b><u>WBC PARAMETERS</u></b>			
WBC Total Count	5420	4000-10000 /cmm	Elect. Impedance
<b><u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u></b>			
Lymphocytes	22.1	20-40 %	
Absolute Lymphocytes	1197.8	1000-3000 /cmm	Calculated
Monocytes	7.3	2-10 %	
Absolute Monocytes	395.7	200-1000 /cmm	Calculated
Neutrophils	67.8	40-80 %	
Absolute Neutrophils	3674.8	2000-7000 /cmm	Calculated
Eosinophils	2.4	1-6 %	
Absolute Eosinophils	130.1	20-500 /cmm	Calculated
Basophils	0.4	0.1-2 %	
Absolute Basophils	21.7	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<b><u>PLATELET PARAMETERS</u></b>			
Platelet Count	235000	150000-400000 /cmm	Elect. Impedance
MPV	11.1	6-11 fl	Calculated
PDW	24.8	11-18 %	Calculated
<b><u>RBC MORPHOLOGY</u></b>			
Hypochromia	+		
Microcytosis	++		



Use a QR Code Scanner  
Application To Scan the Code

CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Collected : 14-Nov-2023 / 09:18  
Reported : 14-Nov-2023 / 12:16

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

Features suggestive of Iron deficiency anaemia.  
Advice:1.Iron studies, Serum ferritin & Reticulocyte count  
2.Stool for occult blood

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR                      22                                      2-20 mm at 1 hr.                                      Sedimentation

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



*Bmhasakar*

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



CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Collected : 14-Nov-2023 / 09:18  
Reported : 14-Nov-2023 / 12:48

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	100.5	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	102.0	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.31	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.14	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.17	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.3	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.8	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.5	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.9	1 - 2	Calculated
SGOT (AST), Serum	15.9	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	14.9	5-33 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	16.5	3-40 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	70.9	35-105 U/L	Colorimetric
BLOOD UREA, Serum	12.4	12.8-42.8 mg/dl	Kinetic
BUN, Serum	5.8	6-20 mg/dl	Calculated
CREATININE, Serum	0.47	0.51-0.95 mg/dl	Enzymatic



Use a QR Code Scanner  
Application To Scan the Code

CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Collected : 14-Nov-2023 / 13:33  
Reported : 14-Nov-2023 / 19:11

eGFR, Serum	129	(ml/min/1.73sqm)	Calculated
		Normal or High: Above 90	
		Mild decrease: 60-89	
		Mild to moderate decrease: 45-59	
		Moderate to severe decrease: 30-44	
		Severe decrease: 15-29	
		Kidney failure: <15	

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

URIC ACID, Serum	3.1	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 Borivali Lab, Borivali West  
\*\*\* End Of Report \*\*\*



MC-2111

*Bmhasakar*

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





CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner Application To Scan the Code  
Collected : 14-Nov-2023 / 09:18  
Reported : 14-Nov-2023 / 12:48

**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	5.1	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	99.7	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 \*\*\*



*Bmhasakar*

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



CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner  
Application To Scan the Code  
Collected : 14-Nov-2023 / 09:18  
Reported : 14-Nov-2023 / 15:58

**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)	8.0	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	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	2-3		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	+(>20/hpf)	Less than 20/hpf	
Others	-		

**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 \*\*\*



MC-2111

*J. Thakker*

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



CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner  
Application To Scan the Code  
Collected : 14-Nov-2023 / 09:18  
Reported : 14-Nov-2023 / 13:20

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

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

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

Specimen: EDTA Whole Blood and/or serum

**Clinical significance:**  
ABO system is most important of all blood group in transfusion medicine

**Limitations:**

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

**References:**

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

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



*Dr. Trupti Shetty*

**Dr. TRUPTI SHETTY**  
**M. D. (PATH)**  
**Pathologist**



CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner Application To Scan the Code  
Collected : 14-Nov-2023 / 09:18  
Reported : 14-Nov-2023 / 12:48

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	162.1	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	155.6	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	37.9	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	124.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	93.0	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	4.3	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.5	0-3.5 Ratio	Calculated

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



*Bmhasakar*

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



CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Collected : 14-Nov-2023 / 09:18  
Reported : 14-Nov-2023 / 15:04

Use a QR Code Scanner  
Application To Scan the Code

**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	5.2	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	16.6	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	2.32	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



CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)

Collected : 14-Nov-2023 / 09:18  
Reported : 14-Nov-2023 / 15:04

Use a QR Code Scanner  
Application To Scan the Code

**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 \*\*\*



MC-2111

*Bmhasakar*

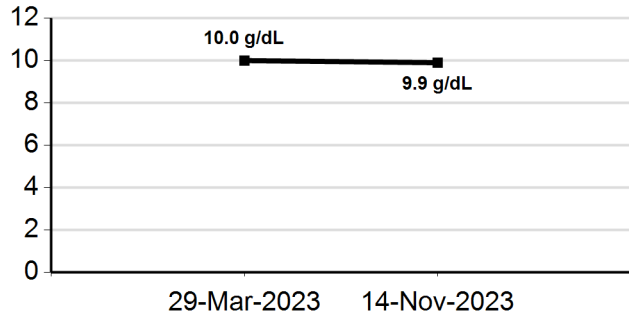
**Dr.KETAKI MHASKAR**  
M.D. (PATH)  
Pathologist



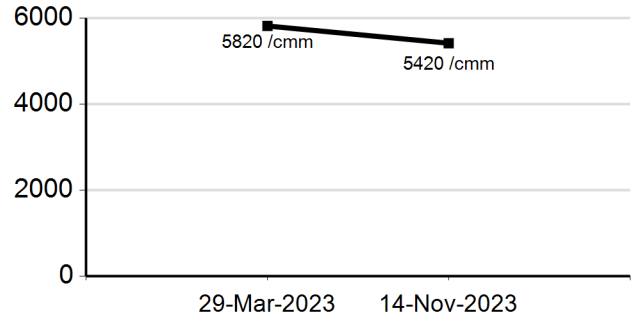
Use a QR Code Scanner Application To Scan the Code

**CID** : 2331802471  
**Name** : MRS.SHASHWATI SOUMYA  
**Age / Gender** : 33 Years / Female  
**Consulting Dr.** : -  
**Reg. Location** : Borivali West (Main Centre)

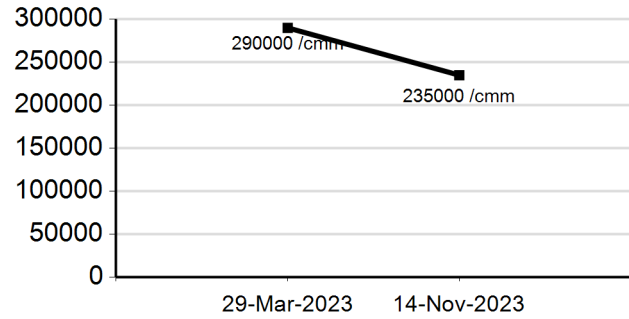
**Haemoglobin**



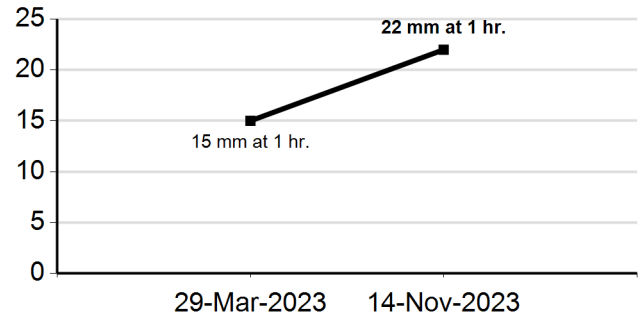
**WBC Total Count**



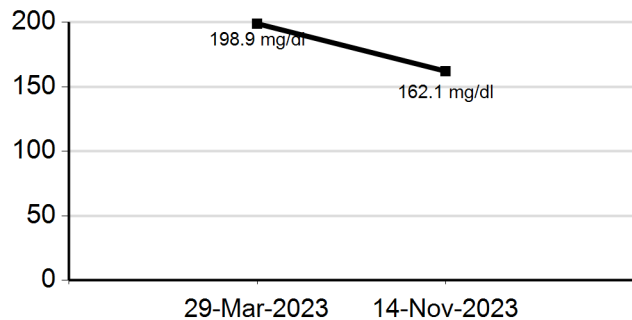
**Platelet Count**



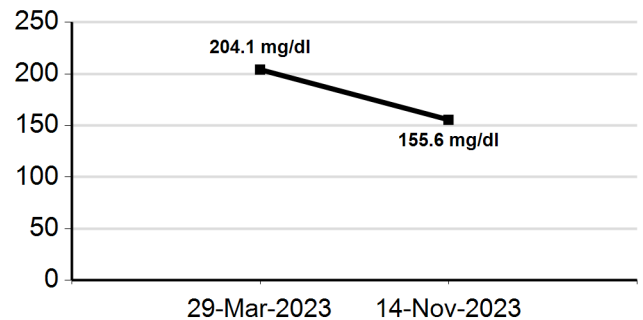
**ESR**



**CHOLESTEROL**



**TRIGLYCERIDES**

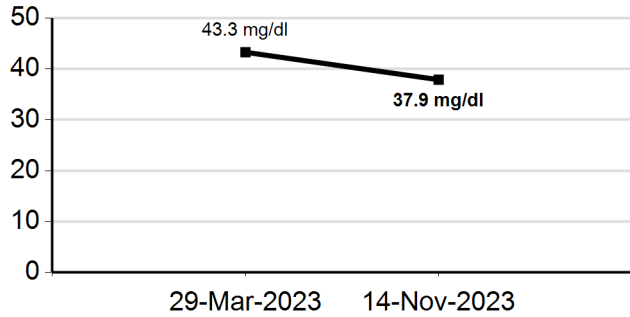




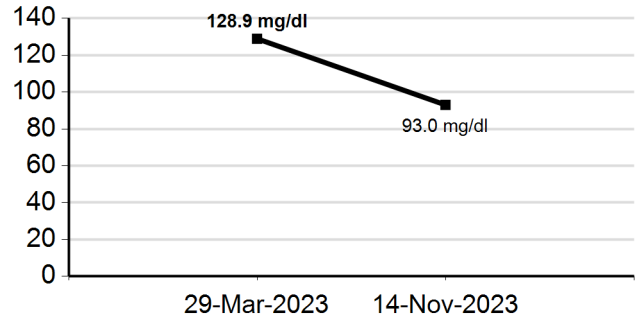
Use a QR Code Scanner Application To Scan the Code

**CID** : 2331802471  
**Name** : MRS.SHASHWATI SOUMYA  
**Age / Gender** : 33 Years / Female  
**Consulting Dr.** : -  
**Reg. Location** : Borivali West (Main Centre)

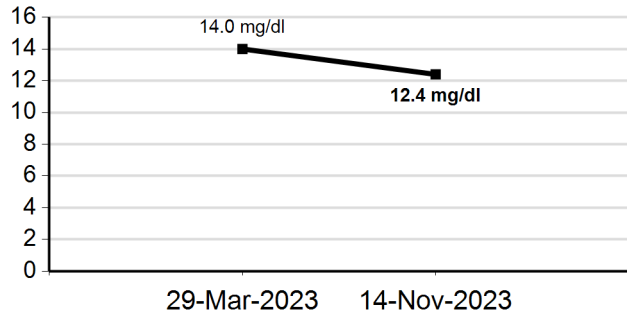
**HDL CHOLESTEROL**



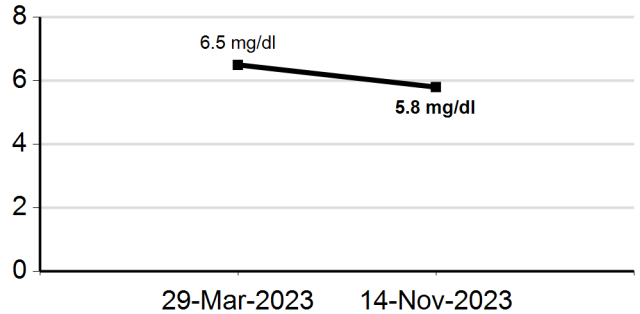
**LDL CHOLESTEROL**



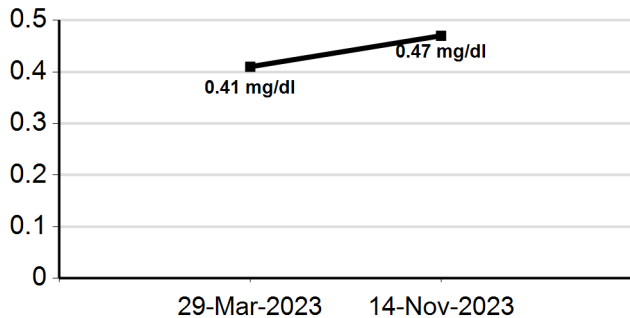
**BLOOD UREA**



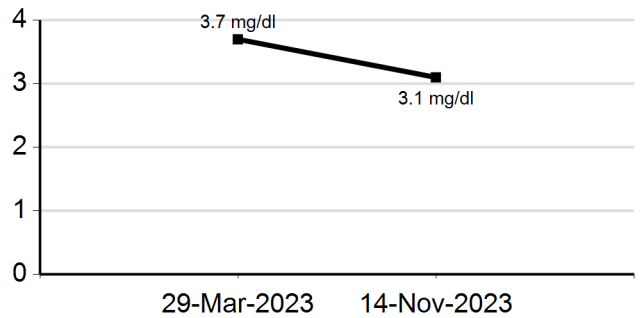
**BUN**



**CREATININE**



**URIC ACID**



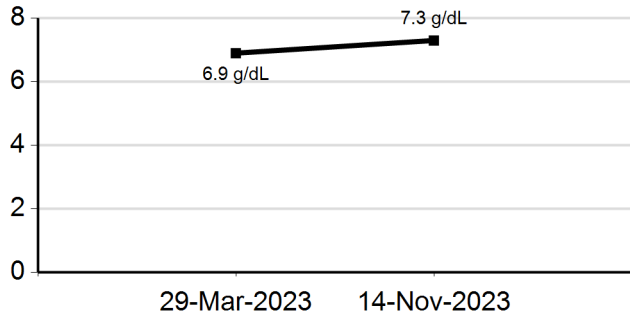




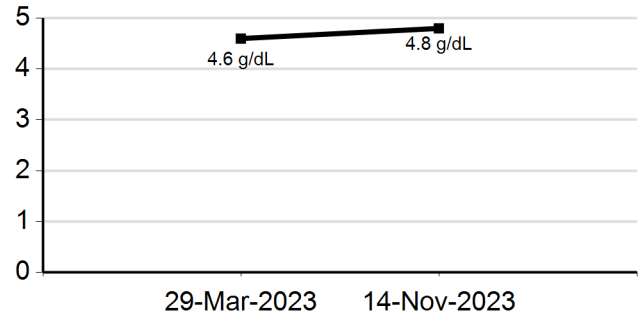
Use a QR Code Scanner  
 Application To Scan the Code

**CID** : 2331802471  
**Name** : MRS.SHASHWATI SOUMYA  
**Age / Gender** : 33 Years / Female  
**Consulting Dr.** : -  
**Reg. Location** : Borivali West (Main Centre)

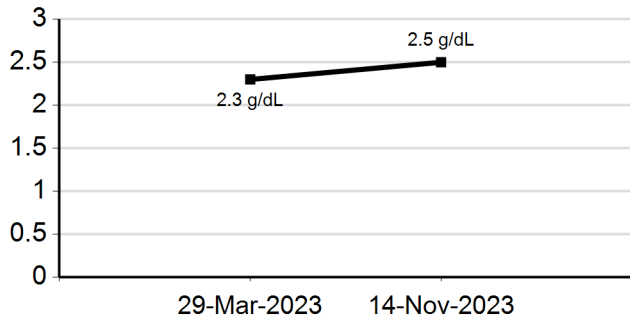
**TOTAL PROTEINS**



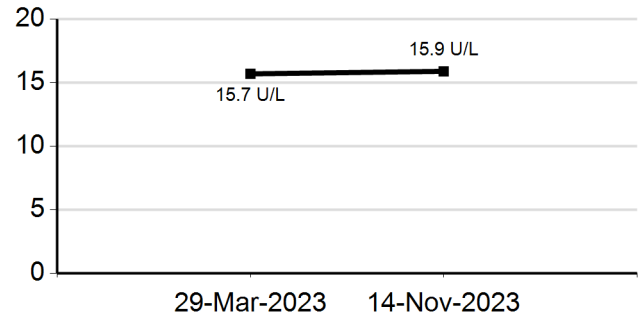
**ALBUMIN**



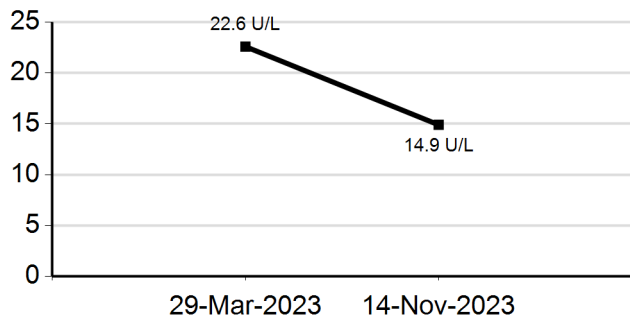
**GLOBULIN**



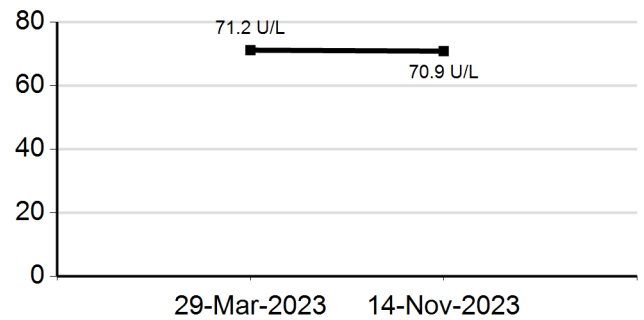
**SGOT (AST)**



**SGPT (ALT)**



**ALKALINE PHOSPHATASE**

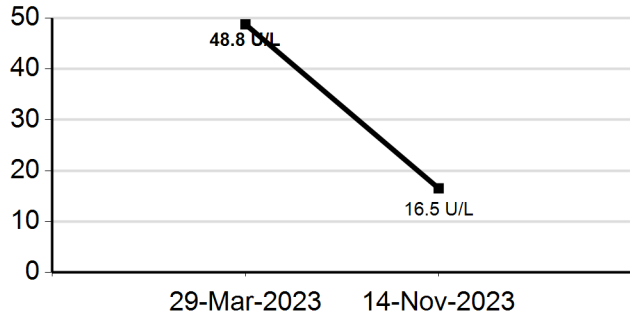




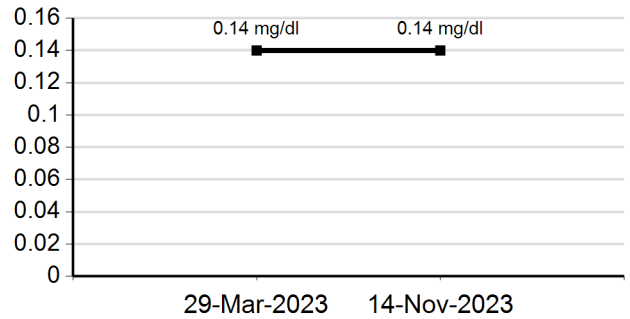
Use a QR Code Scanner  
 Application To Scan the Code

**CID** : 2331802471  
**Name** : MRS.SHASHWATI SOUMYA  
**Age / Gender** : 33 Years / Female  
**Consulting Dr.** : -  
**Reg. Location** : Borivali West (Main Centre)

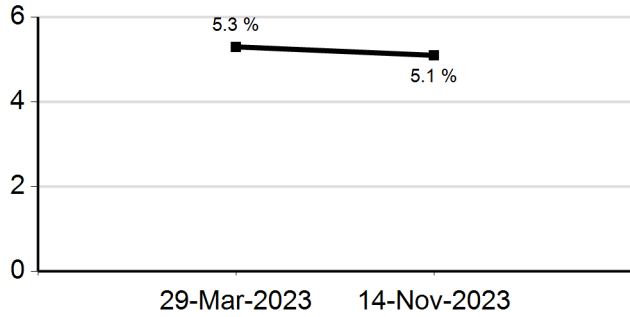
**GAMMA GT**



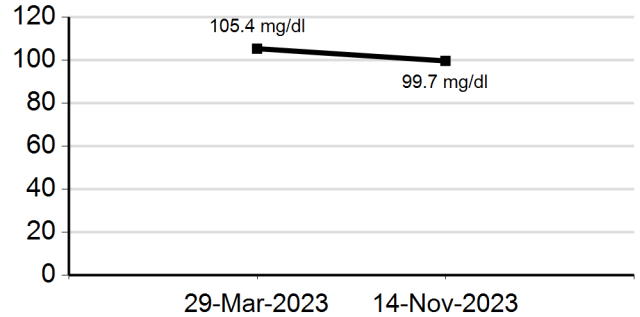
**BILIRUBIN (DIRECT)**



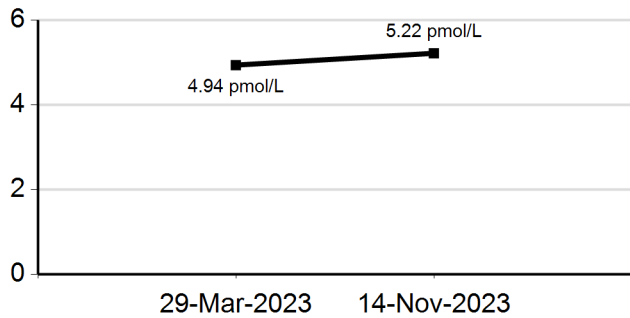
**Glycosylated Hemoglobin (HbA1c)**



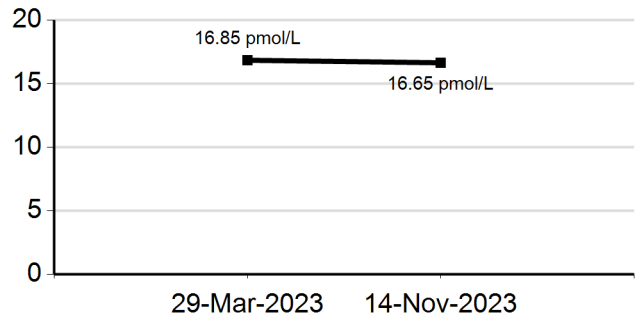
**Estimated Average Glucose (eAG)**



**Free T3**



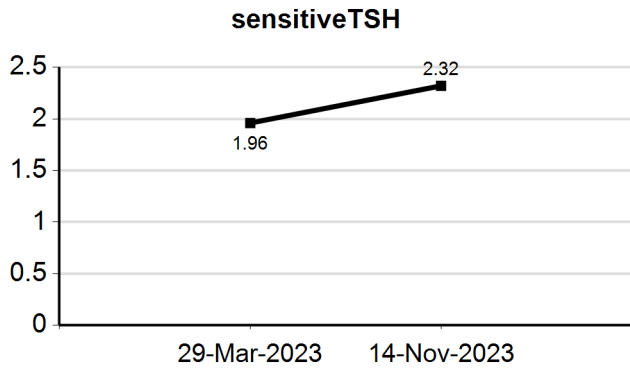
**Free T4**





Use a QR Code Scanner  
Application To Scan the Code

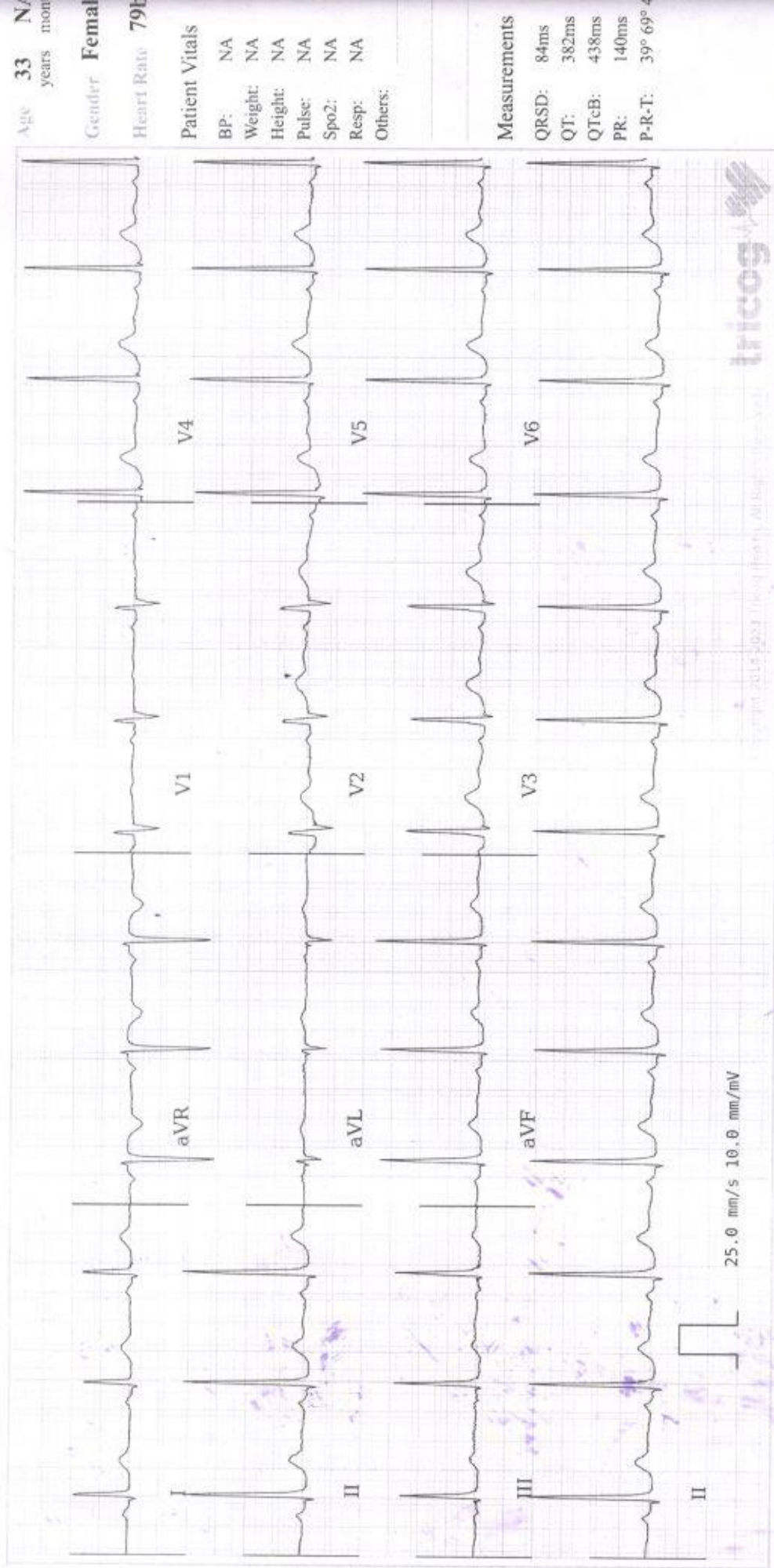
CID : 2331802471  
Name : MRS.SHASHWATI SOUMYA  
Age / Gender : 33 Years / Female  
Consulting Dr. : -  
Reg. Location : Borivali West (Main Centre)



# SUBURBAN DIAGNOSTICS - BHAYANDER EAST

Patient Name: SHASHWATI SOUMYA  
 Patient ID: 2331802471

Date and Time: 16th Nov 23 3:23 PM



Age: 33 years  
 months

Gender: Female

Heart Rate: 79bpm

**Patient Vitals**

BP: NA  
 Weight: NA  
 Height: NA  
 Pulse: NA  
 SpO2: NA  
 Resp: NA  
 Others: NA

**Measurements**

QRSD: 84ms  
 QT: 382ms  
 QTcB: 438ms  
 PR: 140ms  
 P-R-T: 39° 69° 4°

ECG Within Normal Limits: Sinus Rhythm, Normal axis No significant ST-T changes. Please correlate clinically.

REPORTED BY

*[Signature]*

Dr. Sneha Valenti  
 MBBS, D. Cardiology  
 20110340587

Disclaimer: This report is based on the ECG tracing. The clinical use of this report is at the discretion of the physician. The physician should correlate the findings with the patient's clinical history and symptoms. The findings are not to be interpreted as a substitute for a physical examination and should not be used for legal purposes.

Name : Mrs . Shashwati Soumya  
VID : 2331802471  
Ref By : Arcofemi Healthcare Limited

Reg Date : 14-Nov-2023 09:11  
Age/Gender : 33 Years  
Regn Centre : Borivali West (Main Centre)

**History and Complaints:**

NIL

**EXAMINATION FINDINGS:**

Height (cms):	160 cm	Weight (kg):	55.3 KG
Temp (0c):	AFEBRILE	Skin:	NORMAL
Blood Pressure (mm/hg):	120/80	Nails:	NORMAL
Pulse:	72 bmp	Lymph Node:	NOT PALPABLE

**Systems**

**Cardiovascular:** NAD  
**Respiratory:** CHEST CLEAR  
**Genitourinary:** NAD  
**GI System:** NAD  
**CNS:** NAD

**IMPRESSION:**

TMT | cardiologist ref<sup>m</sup>.

Hb ↓ | physician ref<sup>m</sup>  
USt

**ADVICE:**

**CHIEF COMPLAINTS:**

1) Hypertension:	NO
2) IHD	NO
3) Arrhythmia	NO
4) Diabetes Mellitus	NO
5) Tuberculosis	NO
6) Asthama	NO
7) Pulmonary Disease	NO
8) Thyroid/ Endocrine disorders	NO
9) Nervous disorders	NO

Name : Mrs . Shashwati Soumya  
VID : 2331802471  
Ref By : Arcofemi Healthcare Limited

Reg Date : 14-Nov-2023 09:11  
Age/Gender : 33 Years  
Regn Centre : Borivali West (Main Centre)

- 
- |  |                              |
|--|------------------------------|
| 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                            | GALL BLADDER REMOVAL IN 2014 |
| 17) Musculoskeletal System               | NO                           |

**PERSONAL HISTORY:**

- |               |     |
|---------------|-----|
| 1) Alcohol    | NO  |
| 2) Smoking    | NO  |
| 3) Diet       | MIX |
| 4) Medication | NO  |

*[Handwritten signature]*

**DR. NITIN SONAVANE**  
M.B.B.S.AFLH, D.DIAB, D.CARD.  
CONSULTANT-CARDIOLOGIST  
REGD. NO. : 87714

*[Faint stamp]*  
REGD. NO. : 87714

**SUBURBAN DIANOSTICS PVT. LTD. BORIVALI**

**Name: SHASHWATI SOUMYA**

**Date: 14-11-2023 Time: 10:34**

**Age: 33 Gender: F Height: 160 cms Weight: 55 Kg ID: 2331802471**

**Clinical History: NIL**

**Medications: NIL**

**Test Details:**

**Protocol: Bruce Predicted Max HR: 187 Target HR: 158 (85% of Pr. MHR)**

**Exercise Time: 0:09:01 Achieved Max HR: 163 (87% of Pr. MHR)**

**Max BP: 160/80 Max BP x HR: 26080 Max Mets: 10.1**

**Test Termination Criteria: DRYNESS IN THROAT.**

**Protocol Details:**

Stage Name	Stage Time	METS	Speed kmph	Grade %	Heart Rate bpm	BP mmHg	RPP	Max ST Level mm	Max ST Slope mV/s
Supine	00:41	1	0	0	81	120/80	9720	0.4 V2	-1.8 III
Standing	00:14	1	0	0	68	120/80	8160	0.7 V2	-1.8 III
HyperVentilation	00:11	1	0	0	66	120/80	7920	0.5 V2	-1.4 III
PreTest	00:21	1	1.6	0	74	120/80	8880	0.6 V2	-1.6 III
Stage: 1	03:00	4.7	2.7	10	124	120/80	14880	-0.7 V5	-1.6 III
Stage: 2	03:00	7	4	12	136	150/80	20400	-1 II	-1.8 III
Stage: 3	03:00	10.1	5.5	14	163	160/80	26080	-1.1 V4	-1.6 III
Peak Exercise	00:01	10.1	6.8	16	163	160/80	26080	-1.1 V4	-1.6 III
Recovery1	01:00	1	0	0	128	160/80	20480	-0.7 II	-1.8 III
Recovery2	01:00	1	0	0	113	140/80	15820	-0.6 III	-1.8 III
Recovery3	01:00	1	0	0	100	140/80	14000	-0.4 II	-2 III
Recovery4	01:00	1	0	0	99	120/80	11880	-0.5 III	-2 III
Recovery5	00:22	1	0	0	111	120/80	13320	-0.6 II	-1.5 III

**Interpretation**

The Patient Exercised according to Bruce Protocol for 0:09:01 achieving a work level of 10.1 METS.  
 Resting Heart Rate, initially 81 bpm rose to a max. heart rate of 163bpm (87% of Predicted Maximum Heart Rate).  
 Resting Blood Pressure of 120/80 mmHg, rose to a maximum Blood Pressure of 160/80 mmHg  
 Good Effort tolerance Normal HR & BP Response No Angina or Arrhythmias  
 ST-T DEPRESSION IN INFERIOR LATERAL LEAD FROM BASELINE Noted During Exercise  
 Stress test BORDERLINE POSITIVE for Stress inducible ischaemia.  
 ADV. CARDIOLOGIST REF.

**Suburban Diagnostics (I) Pvt. Ltd.**  
 301A 302, 3rd Floor, Vini Elegancee  
 Above Tanisq Jeweller, L. T. Road,  
 Borivali (West), Mumbai - 400 092.

Ref. Doctor: ---

Doctor: DR. NITIN SONAVANE

**SCHILLER**  
The Art of Diagnostics

**DR. NITIN SONAVANE**  
M.B.B.S.AFLH, D.DIAB, D.CARD.  
CONSULTANT-CARDIOLOGIST  
REGD. NO. : 87714

( Summary Report edited by User )  
Cardiovit CS-20 Version:3.4

**SUBURBAN DIANOSTICS PVT. LTD. BORIVALI**

**SHASHWATI SOUMYA (33 F)**

ID: 2331802471

Date: 14-11-2023

Exec Time : 0:00:00

Stage Time: 00:41

**HR: 81 bpm**

BP: 120/80 mmHg

STLevel(mm) STISlope(mV/s)

Bruce Protocol

Stage: Supine

Speed: 0 km/h

Slope: 0%

THR: 158 bpm

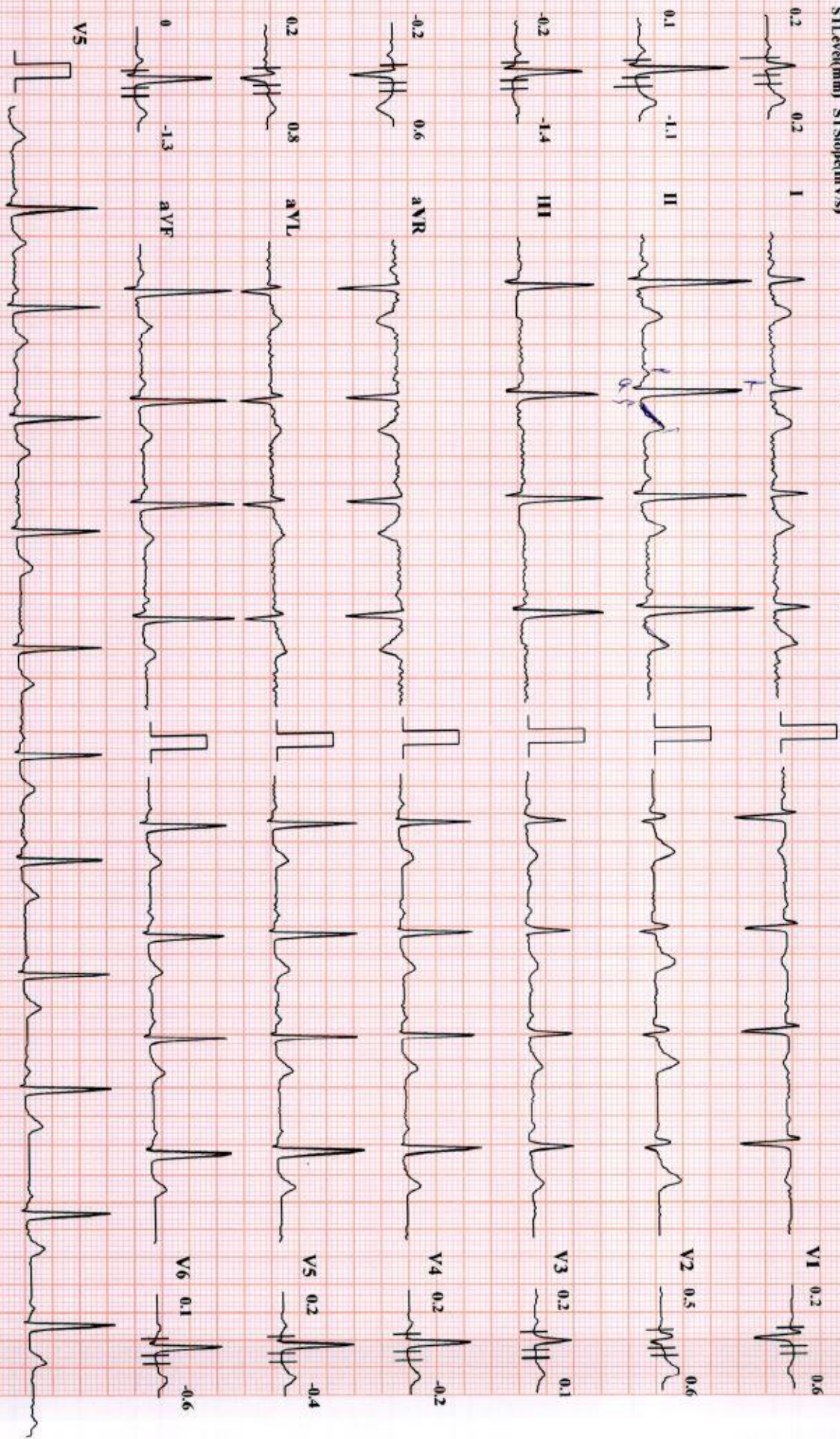


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiovit CS-20 Version 3.4



# SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

**SHASHWATI SOUMYA (33 F)**

ID: 2331802471

Date: 14-11-2023

Exec Time: 0:00:00

Stage Time: 00:14

**HR: 68 bpm**

BP: 120/80 mmHg

Brucce Protocol  
STLevel(mm) STSlope(mV/s)

Stage: Standing

Speed: 0

Slope: 0 %

THR: 158 bpm

STLevel(mm) STSlope(mV/s)

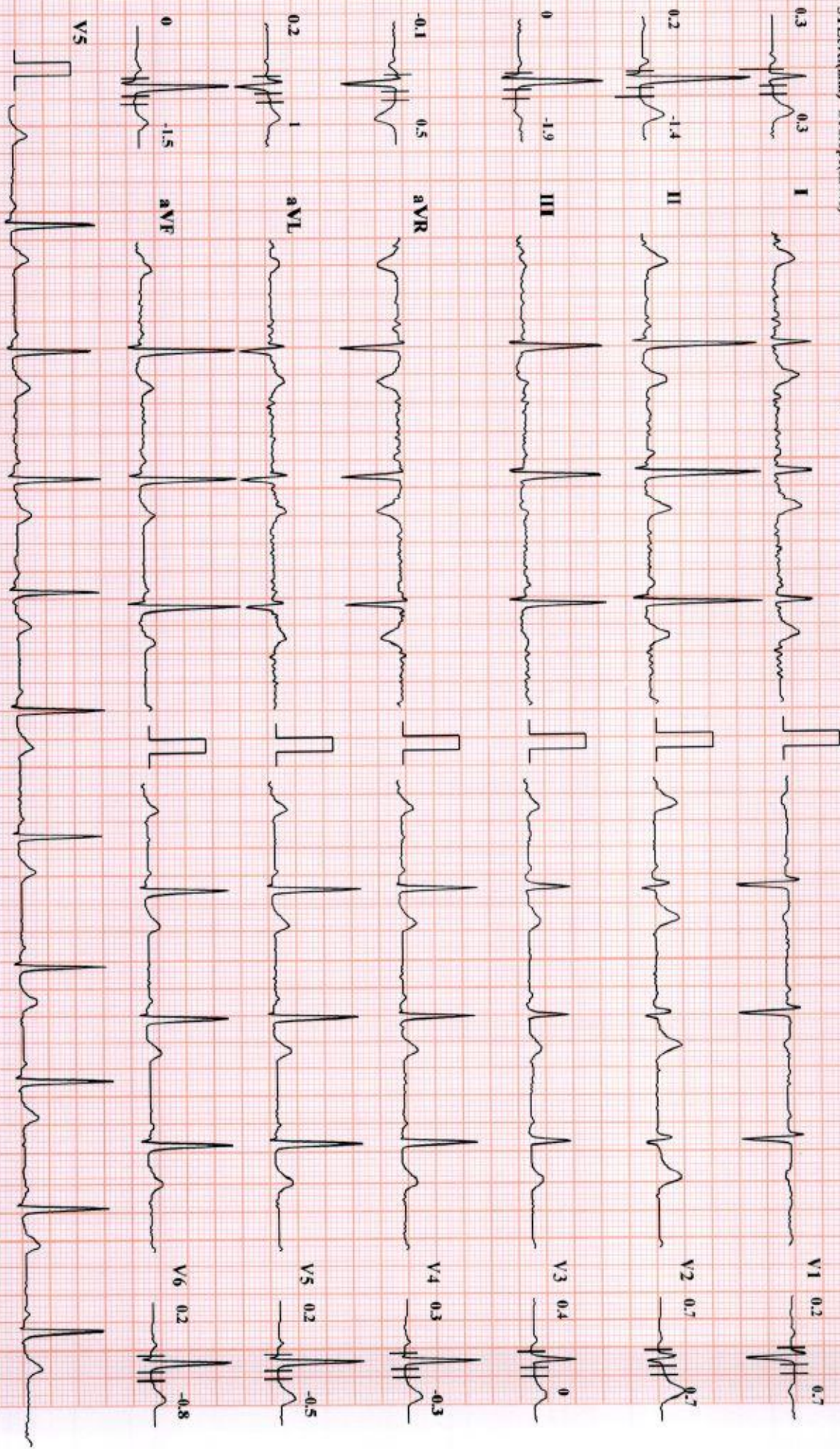


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

# SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

**SHASHWATI SOUMYA (33 F)**

Bruce Protocol

ID: 2331802471

Date: 14-11-2023

Exec Time : 0:00:00

Stage Time: 00:11

STLevel(mm) STSlope(mV/s)

Stage: HyperVentilation

Speed: 0

Slope: 0 %

THR: 158 bpm

**HR: 66 bpm**

BP: 120/80 mmHg

STLevel(mm) STSlope(mV/s)

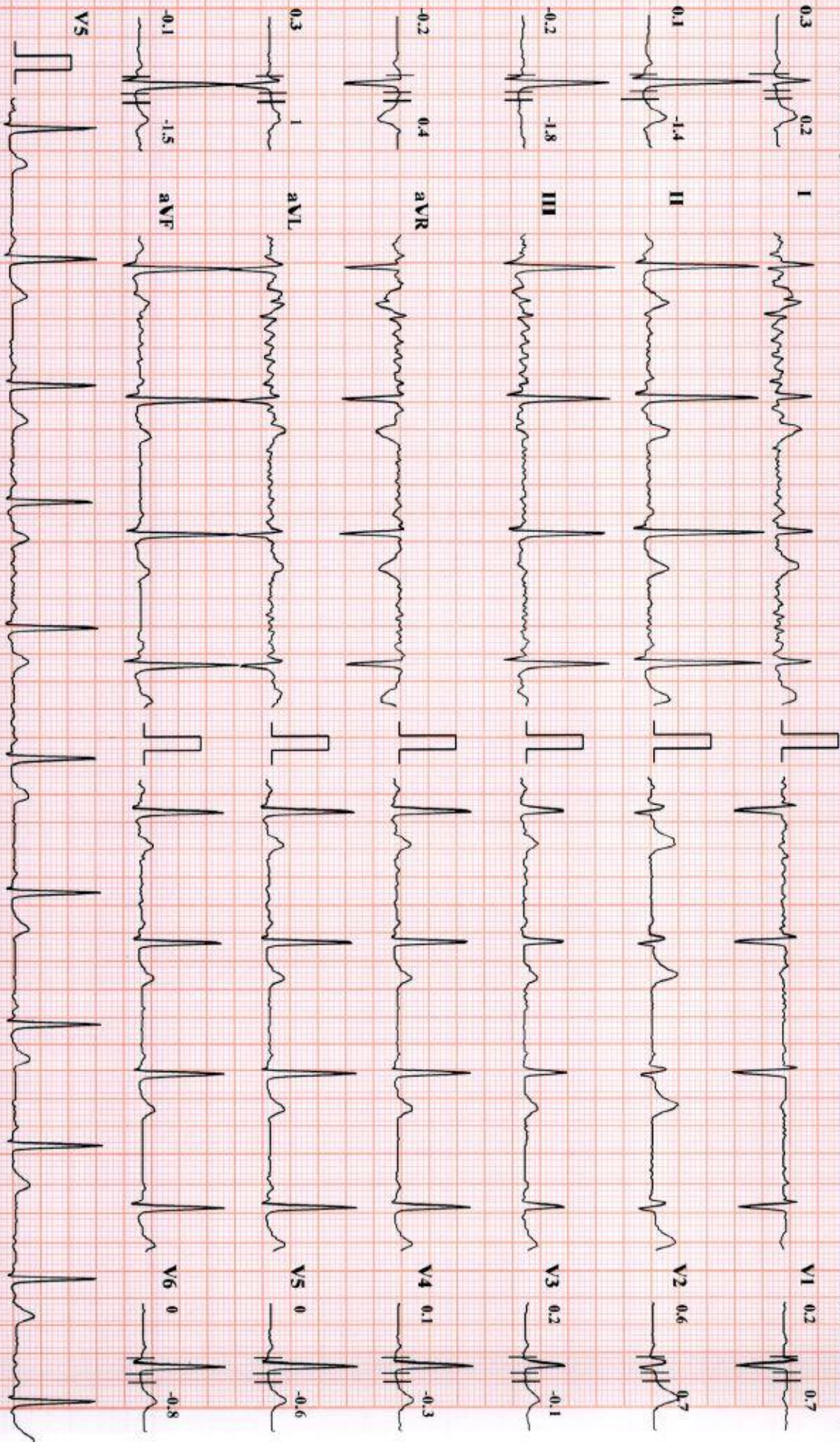


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz

Mains Filter: ON

ISO - R - 60 ms, J - R + 60 ms, Post J = J + 60 ms

Schiller CardioIT CS-20 Version:3.4

SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

SHASHWATI SOUMYA (33 F)

ID: 2331802471

Date: 14-11-2023

Exec Time : 0:03:00

Stage Time: 03:00

HR: 124 bpm

BP: 120/80 mmHg

Bruce Protocol  
STLevel(mm) STSlope(mV/s)

Stage: 1

Speed: 2.7 kmph

Slope: 10 %

THR: 158 bpm

STLevel(mm) STSlope(mV/s)

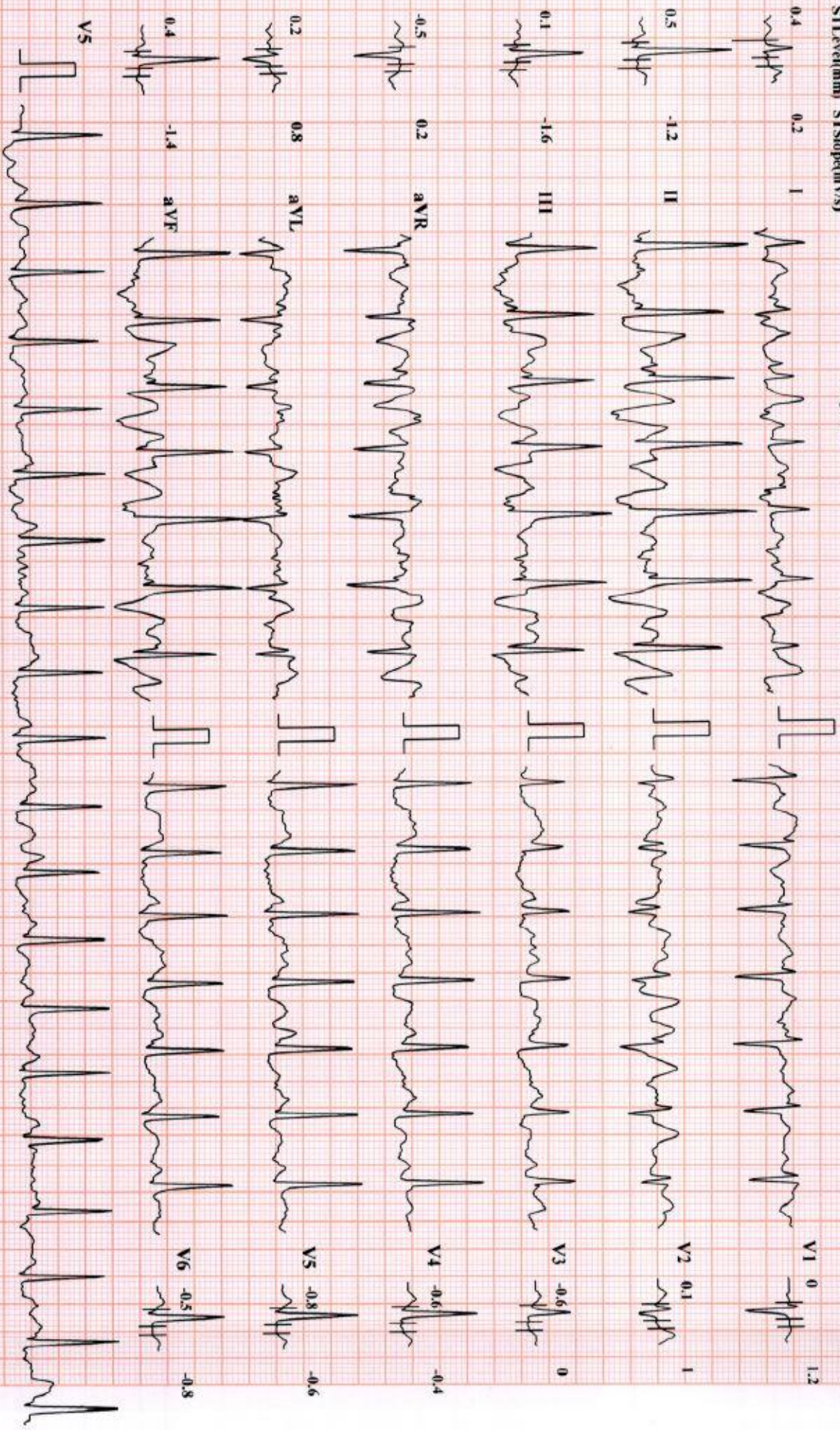


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J + R + 60 ms, Post J = J + 60 ms

**SUBURBAN DIANOSTICS PVT. LTD. BORIVALI**

**SHASHWATI SOUMYA (33 F)**

ID: 2331802471

Bruce Protocol

Stage: 2

Date: 14-11-2023  
Speed: 4 kmph

Exec Time: 0:06:00  
Slope: 12 %

Stage Time: 03:00  
THR: 158 bpm

**HR: 136 bpm**

BP: 150/80 mmHg

STLevel(mm) STSlope(mV/s)

STLevel(mm) STSlope(mV/s)

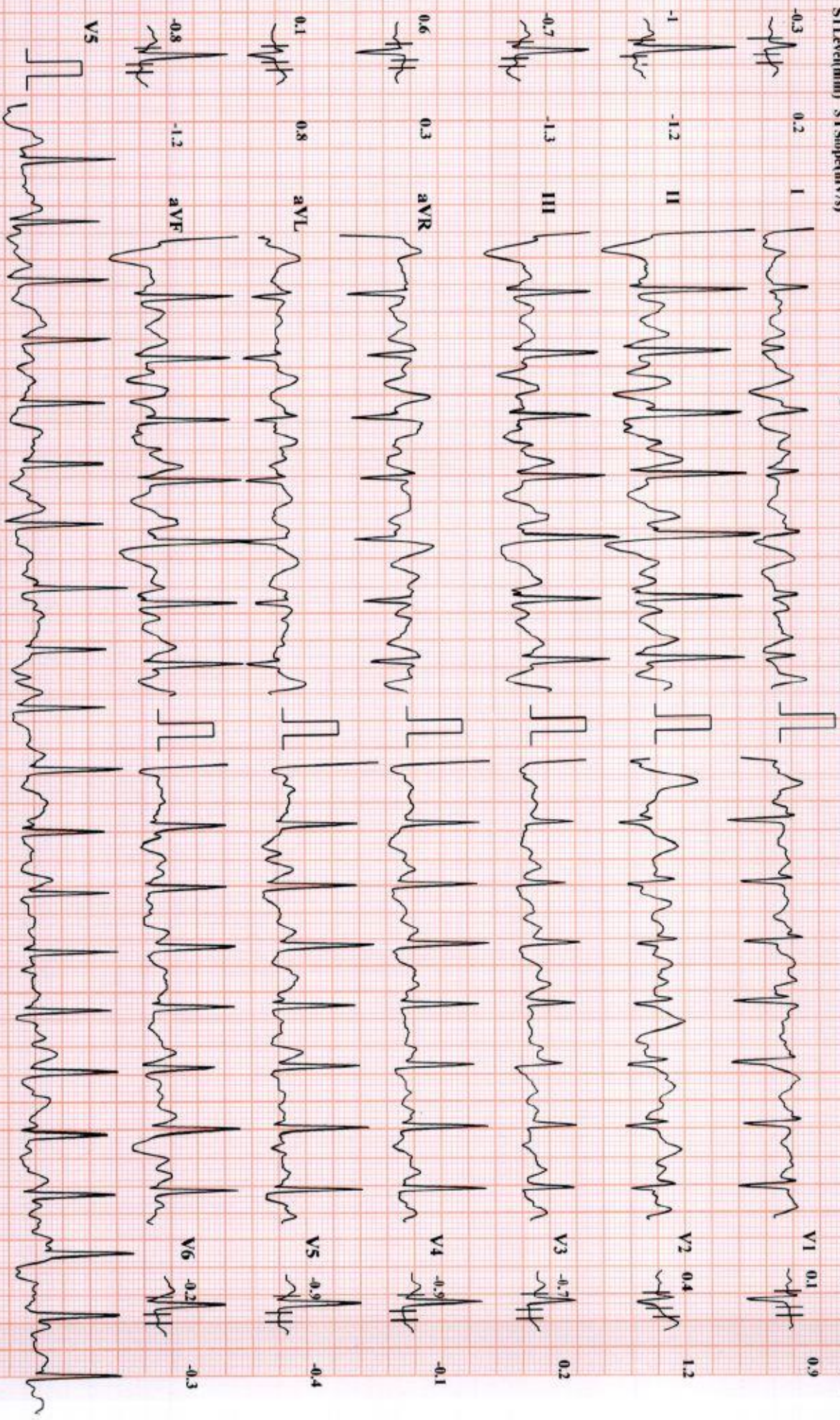


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISD = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiovit CS-20 Version: 3.4

**SUBURBAN DIANOSTICS PVT. LTD. BORIVALI**

**SHASHWATI SOUMYA (33 F)**

ID: 2331802471

Date: 14-11-2023

Exec Time : 0:09:00

Stage Time: 03:00

**HR: 163 bpm**

Bruce Protocol

STLevel(mm) STSlope(mV/s)

Stage: 3

Speed: 5.5 kmph

Slope: 14 %

THR: 158 bpm

BP: 160/80 mmHg  
STLevel(mm) STSlope(mV/s)



Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, PostJ = J + 60 ms

Schiller Cardiovit CS-20 Version:3.4

**SUBRBAN DIANOSTICS PVT. LTD. BORIVALI**

**SHASHWATI SOUMYA (33F)**

ID: 2331802471

Date: 14-11-2023

Exec Time : 0:09:01

Stage Time: 00:01

**HR: 163 bpm**

Bruce Protocol

STLevel(mm) STSlope(mV/s)

Stage: 4 Peak Exercise

Speed: 6.8 kmph

Slope: 16 %

THR: 158 bpm

BP: 160/80 mmHg

STLevel(mm) STSlope(mV/s)



Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiovit CS-20 Version:3.4

**SUBURBAN DIANOSTICS PVT. LTD. BORIVALI**

**SHASHWATI SOUMYA (33 F)**

ID: 2331802471

Date: 14-11-2023

Exec Time : 00:00

Stage Time: 01:00

**HR: 128 bpm**

Bruce Protocol

STLevel(mm) STSlope(mV/s)

Stage: Recovery/1

Speed: 0 kmph

Slope: 0 %

THR: 158 bpm

BP: 160/80 mmHg

STLevel(mm) STSlope(mV/s)

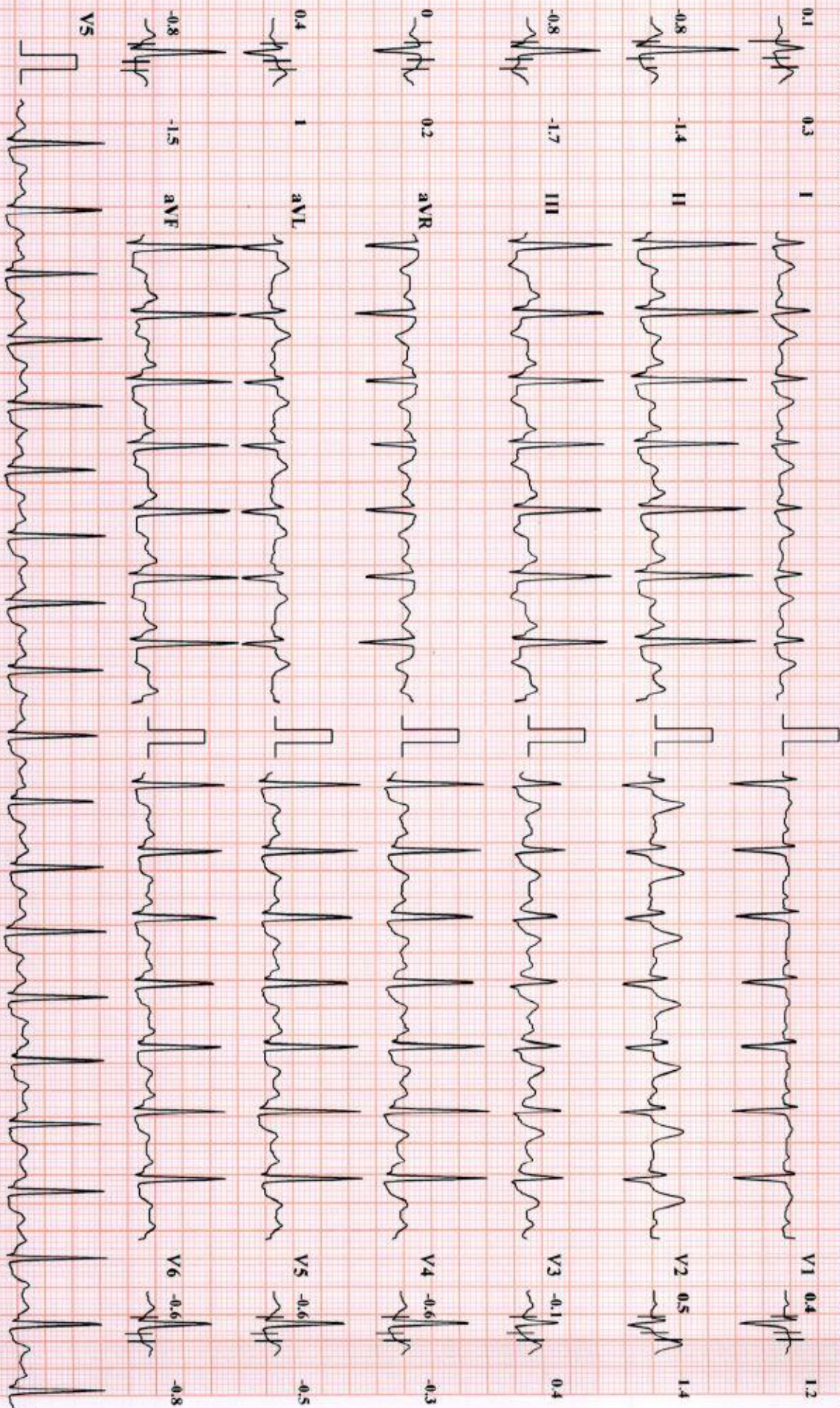


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiovit CS-20 Version:3.4

# SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

**SHASHWATI SOUMYA (33 F)**

ID: 2331 802471

Date: 14-11-2023

Exec Time : 00:00

Stage Time: 01:00

**HR: 114 bpm**

Bruce Protocol  
STLevel(mm) STSlope(mV/s)

Stage: Recovery2

Speed: 0 kmph

Slope: 0 %

THR: 158 bpm

BP: 146/80 mmHg  
STLevel(mm) STSlope(mV/s)

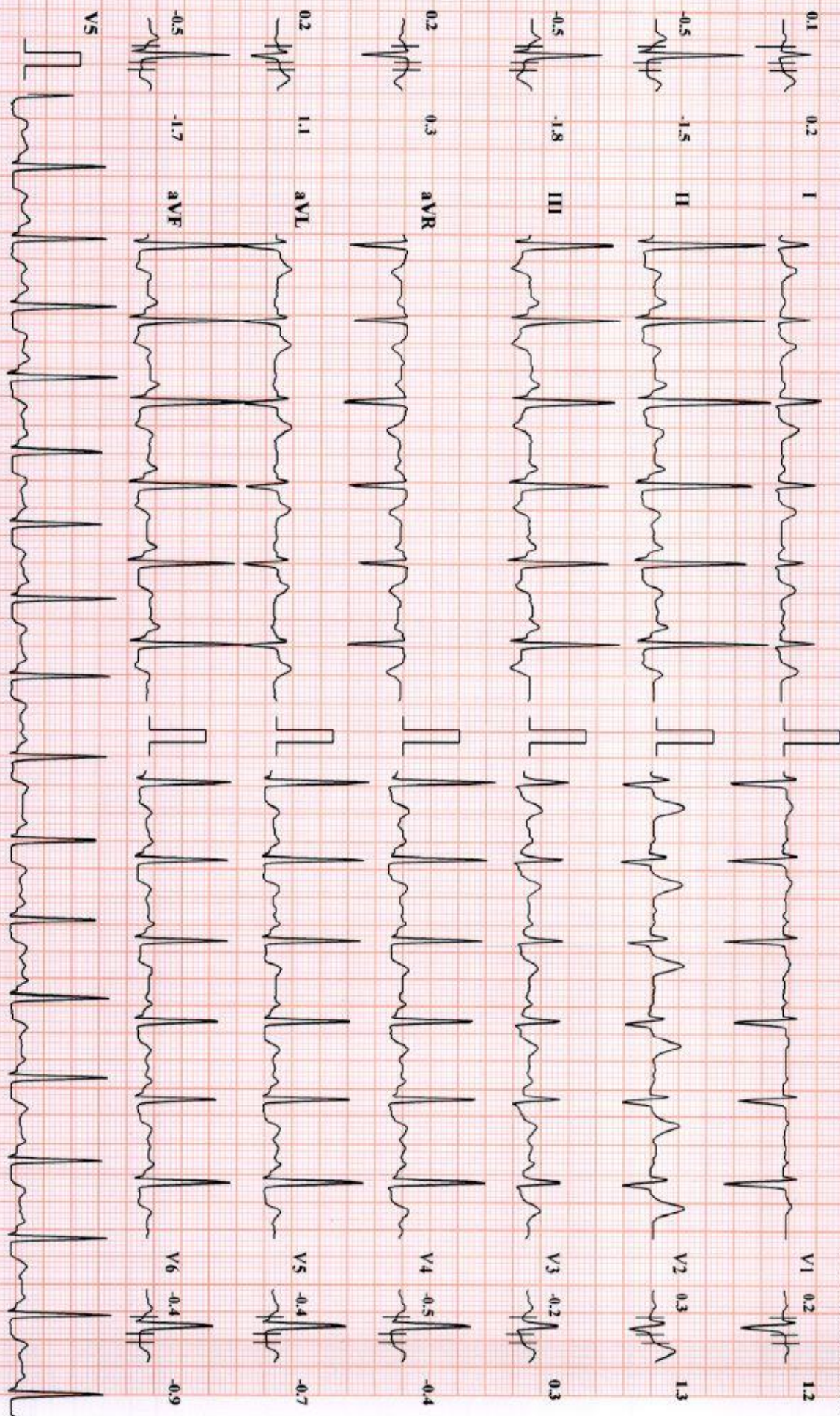


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiofit CS-20 Version:3.4



# SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

**SHASHWATI SOUMYA (33 F)**

Bruce Protocol  
STLevel(mm) STSlope(mV/s)

ID: 2331802471  
Stage: Recovery3  
Date: 14-11-2023  
Exec Time: 00:00  
Speed: 0 kmph  
Slope: 0 %

**HR: 100 bpm**  
BP: 140/80 mmHg  
STLevel(mm) STSlope(mV/s)

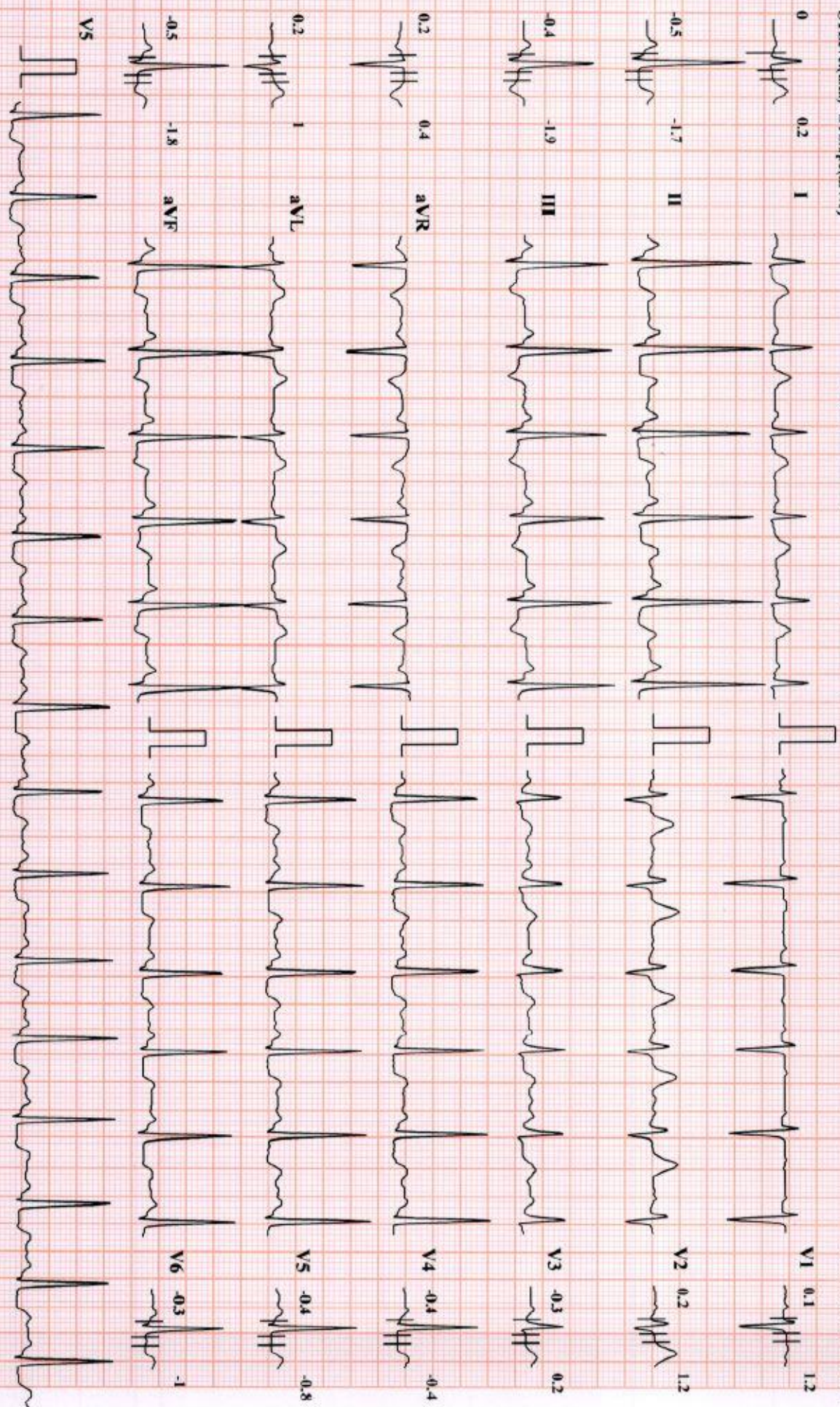


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO - R - 60 ms, J - R + 60 ms, Post J - J + 60 ms

Schiller CardioIT CS-20 Version:3.4

# SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

**SHASHWATI SOUMYA (33 F)**

ID: 2331802471

Date: 14-11-2023

Exec Time : 00:00

Stage: Recovery4

Speed: 0 kmph

Slope: 0 %

Stage Time: 01:00  
THR: 158 bpm

**HR: 99 bpm**

BP: 120/80 mmHg

STLevel(mm) STSlope(mV/s)

STLevel(mm) STSlope(mV/s)

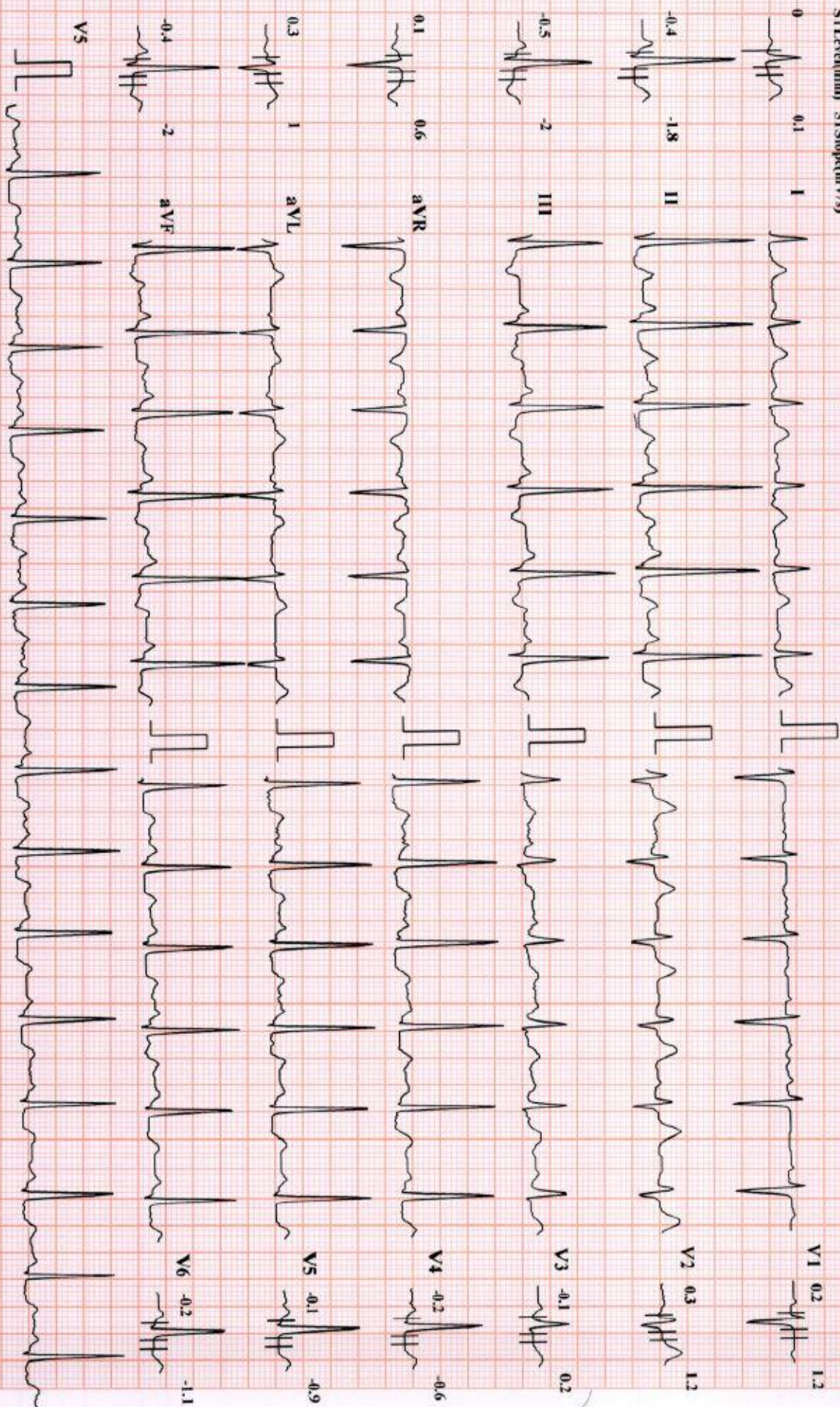


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

# SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

**SHASHWATI SOUMYA (33 F)**

ID: 2331802471

Date: 14-11-2023

Exec Time : 00:00

Stage Time: 00:03

**HR: 100 bpm**

BP: 120/80 mmHg

Brucce Protocol  
STLevel(mm) STISlope(mV/s)

Stage: Recovery<sup>5</sup>

Speed: 0 kmph

Slope: 0 %

THR: 158 bpm

STLevel(mm) STISlope(mV/s)

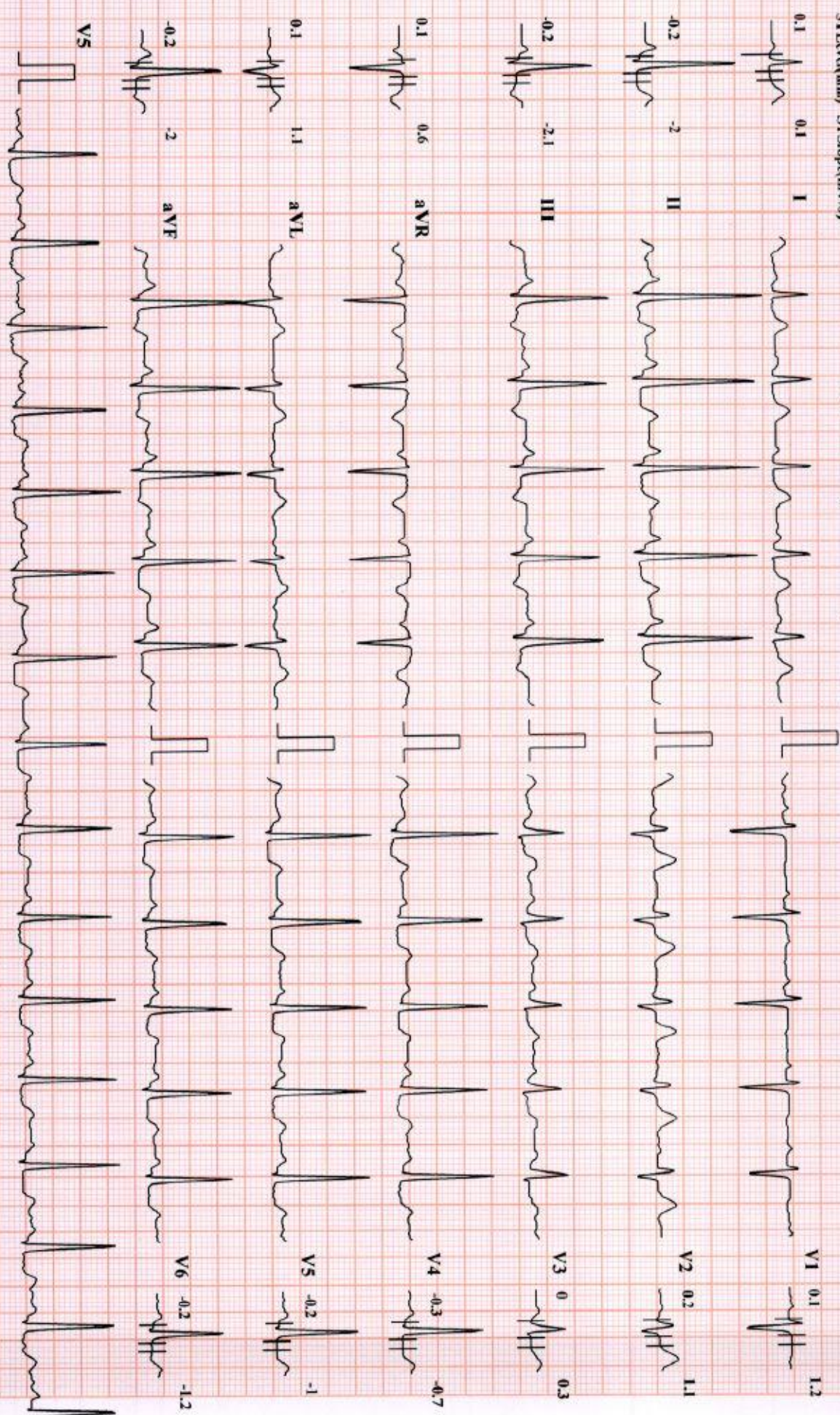


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiovi CS-20 Version 3.4

# SUBURBAN DIANOSTICS PVT. LTD. BORIVALI

**SHASHWATI SOUMYA (33 F)**

ID: 2331802471

Date: 14-11-2023

Exec Time : 00:00

Stage Time: 00:19

**HR: 115 bpm**

Bruce Protocol

STLevel(mm) STSlope(mV/s)

Stage: Recovery<sup>5</sup>

Speed: 0 kmph

Slope: 0 %

THR: 158 bpm

BP: 120/80 mmHg

STLevel(mm) STSlope(mV/s)

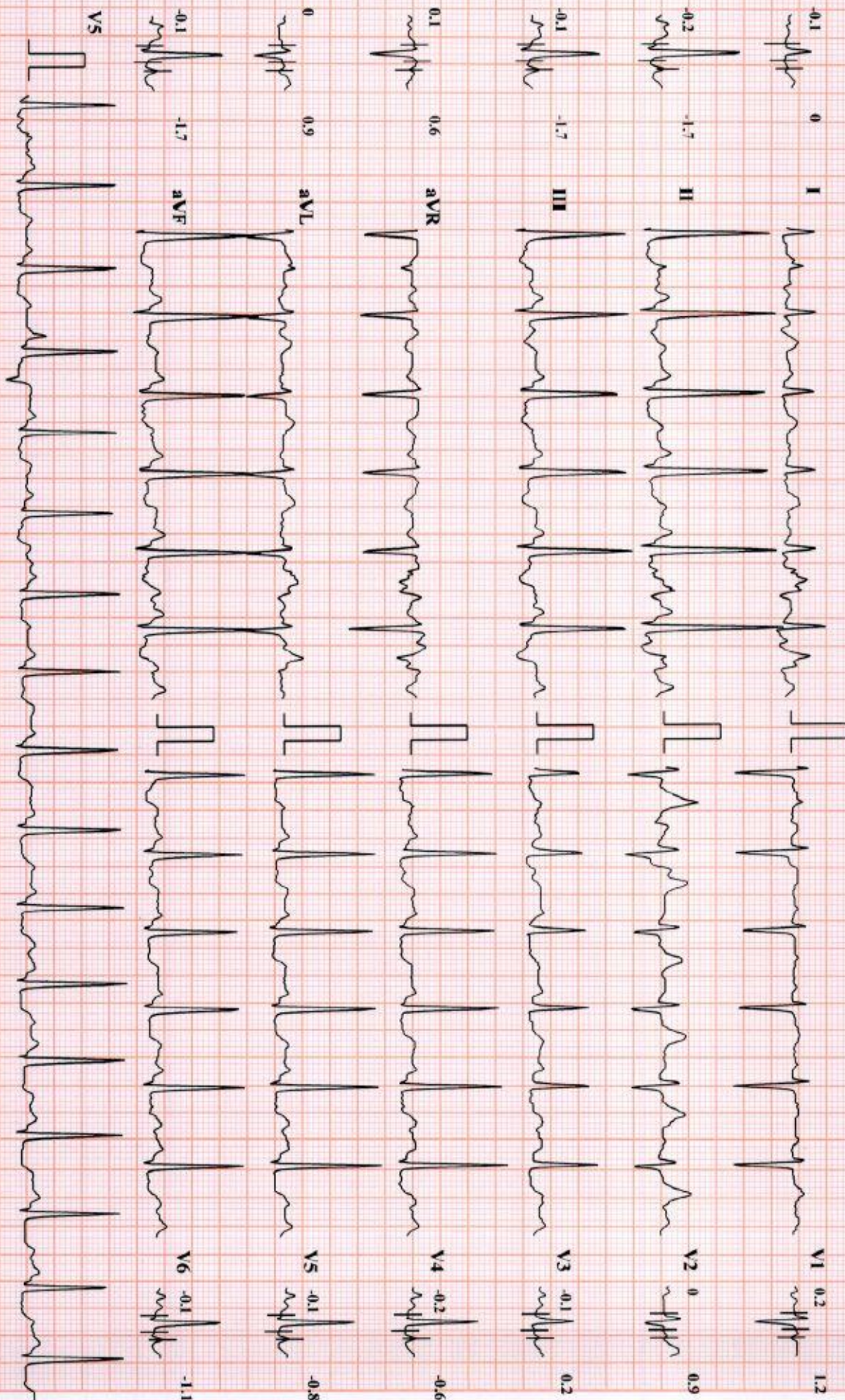


Chart Speed: 25 mm/sec

Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Post J = J + 60 ms

Schiller Cardiovit CS-20 Version: 3.4