


Patient Name : MR. ROHAN  
Age / Sex : 35Y/Male  
IP/Reg.No/UHID : Reg-14258 /UHID14258  
Lab No : LA24010351  
Referred By : Dr.SAMANVAY HOSPITAL  
Bedcategory/Bed :  
Mobile No : 7488664720  
UHID : UHID14258  
Consultant : Mr. Samanvay Hospital  
Sponsor : **MEDIWHEEL**  
ABHA Address :  
Barcode No. : **38043,38044,38045,38046**

Bill No : OPB/1/24/10969  
Sample Collected : Nov 9 2024 10:01AM  
Sample Received : Nov 9 2024 10:02AM  
Report On : Nov 9 2024 11:24AM  
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Verified On : **Nov 9 2024 12:05PM**  
ABHA Num :

**Test Name**

**Results**

**Units**

**Biological Reference**

**MICRO**

**URINE ANALYSIS**

**PHYSICAL EXAMINATION**

VOLUME : 30 ML  
COLOUR : PALE YELLOW  
APPEARANCE : CLEAR

**CHEMICAL EXAMINATION**

PH : 6.5 4.5 - 8.0  
SPECIFIC GRAVITY : 1.005 1.000 - 1.030  
PROTEIN : Negative  
GLUCOSE : Negative  
KETONE : Negative  
BLOOD : Negative  
UROBILINOGEN : Negative  
BILE PIGMENTS : Negative  
BILE SALT : Negative  
NITRITE : Negative  
LEUKOCYTE ESTERASE : Negative

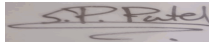
**MICROSCOPIC EXAMINATION**

PUS CELLS : 0--1 CELLS/HPF 0 - 5  
RBC : NIL RBC'S/HPF 0 - 2  
EPITHELIAL CELLS : 1--2 OCC/HPF 0 - 5  
CASTS : NIL  
CRYSTALS : NIL

**HPLC**

**HBA1C/ GLYOCO HB**

GLYCOCYLATED HAEMOGLOBIN(HBA1C)(HPLC) : 5.1 % 4.0 - 6.0




Dr. Sweta Patel  
MD (Pathology)

Verified By

Mrs. Neena Ravi Patel

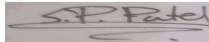
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Test Name	Results	Units	Biological Reference
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AVERAGE BLOOD SUGAR	99.67	mg/dl	0 - 140.0
<b>BIOCHEMISTRY</b>			
<b>LIPID PROFILE</b>			
CHOLESTROL (TOTAL)(CHOD-PAP)	↑ <b>208.0</b>	mg/dl	0.0 - 200.0 Desirable blood cholesterol : <200 mg/dl Borderline high blood cholesterol : 200-239 mg/dl High blood cholesterol : >239 mg/dl
TRIGLYCERIDE(GPO-METHOD)	143.3	mg/dl	0 - 161.0 NORMAL : <161 MG/DL HIGH : 161-199 MG/DL HYPERTRIGLYCERIDEMIC : 200-499 MG/DL
HDL CHOLESTEROL(DIRECT METHOD)	45.3	mg/dl	35.3 - 79.5
CHOLESTROL (TOTAL)/HDL RATIO(CALCULATED)	↑ <b>4.59</b>		3.30 - 4.40
VLDL	28.66		0 - 30.0
LDL CHOLESTEROL(CALCULATED)	↑ <b>162.7</b>		0 - 130.0
LDL/HDL RATIO	3.59		
CREATININE (BLOOD)(ENZYMATIC)	0.81	mg/dl	0.7 - 1.3
UREA(UREASE-GLDH)	↓ <b>20.0</b>	mg/dl	21.0 - 43.0
BUN(UREASE-GLDH)	9.34	mg/dl	5.0 - 21.0
URIC ACID	5.5	mg/dl	3.5 - 7.2
BUN CREATININE RATIO(CALCULATED)	11.53	mg/dl	10.0 - 20
<b>LIVER FUNCTION TEST</b>			
BILIRUBIN-TOTAL(DIAZO)	0.64	mg/dl	0.00 - 2.0
BILIRUBIN-DIRECT(DIAZO)	0.27	mg/dl	0.00 - 0.4
BILIRUBIN-INDIRECT(DIAZO)	0.37	mg/dl	0.00 - 1.10



Mrs. Neena Ravi Patel


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Test Name	Results	Units	Biological Reference
SGOT(IFCC WITHOUT PYRIDOXAL PHOSPHATE)	25.6	U/L	0 - 35
SGPT(IFCC WITHOUT PYRIDOXAL PHOSPHATE)	43.3	U/mL	0 - 45
ALKALINE PHOSPHATASE(ALKP04)* (AMP-METHOD)	75.0	U/L	53 - 128
PROTEIN (SERUM)(BIURET)	6.56	g/dl	6.4 - 8.3
ALBUMIN(BCG)	4.25	g/dl	3.5 - 5.2
GLOBULIN(CALCULATED)	2.31	g/dl	2.3 - 3.7
A/G RATIO(CALCULATED)	1.84	Ratio	1.0 - 2.0
GAMMA GT(GLUPA C METHOD)	22.5	U/L	0.0 - 58.0

#### IMMUNOLOGY

#### T3 T4 TSH

TOTAL T3(CHEMILUMINESCENCE / CLIA)	0.97	ng/ml	0.19 - 6.51
TOTAL T4(CHEMILUMINESCENCE / CLIA)	6.33	ug/dl	4.5 - 12.7
TSH(CHEMILUMINESCENCE / CLIA)	2.12	μIU/mL	0.35 - 4.78

Interpretation :

1. TSH results between 4.5 to 15.0 show considerable physiologic and seasonal variation, suggest clinical correlation or repeat testing with fresh sample.
- 2.TSH results between 0.1 to 0.45 requires correlation with patient age and clinical symptoms. As with increasing age, there are marked changes in thyroid hormone production, metabolism and its action resulting in an increase prevalence of sub-clinical thyroid disease.
3. TSH values may be transiently altered because of non- thyroidal illness like severe infections, liver diseases, renal and heart failure, severe burns, trauma and surgery etc.
- 4.Drugs that decreased TSH values e.g. L-dopa, glucocorticoid. Drugs that increase TSH values e.g .Iodine, Lithium and amiodarone.

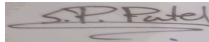
#### BIOCHEMISTRY

#### FASTING BLOOD GLUCOSE\*

FASTING BLOOD GLUCOSE(FBS)(GOD-POD)	94.8	mg/dl	74.0 - 100.0
FASTING URINE GLUCOSE	NIL		

#### POST BLOOD GLUCOSE(PP2)

PP2 BLOOD GLUCOSE(GOD-POD)	↑ 167.6	mg/dl	70.0 - 140.0
PP2 URINE GLUCOSE	NIL		




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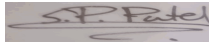
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**HEMATOLOGY**

BLOOD GROUP RH	"B" POSITIVE		
<b>CBC WITH ESR</b>			
<b>RBCS PARAMETER</b>			
HAEMOGLOBIN(SLS METHOD)	15.3	g/dl	13.0 - 17.0
RBC COUNT(IMPEDENCE)	↑ 5.89	10 <sup>6</sup> /uL	4.50 - 5.50
PCV (HEAMATOCRIT)(IMPEDENCE)	49.0	%	40.0 - 50.0
MCV(CALCULATED)	83.2	fl	80.0 - 100.0
MCH(CALCULATED)	↓ 26.0	pg	27.0 - 33.0
MCHC(CALCULATED)	↓ 31.2	g/dl	32.0 - 36.0
RDW-CV(PARTICLE COUNTER(CALCULATED))	13.7	%	11.6 - 14.0
RDW-SD(PARTICLE COUNTER(CALCULATED))	41.7	fl	39 - 46
<b>WBCS PARAMETER</b>			
TOTAL COUNT(FLOW CYTOMETRY)	5670	/uL	4000 - 10000
<b>DLC</b>			
NEUTROPHILS(FLOW CYTOMETRY)	60	%	40 - 70
LYMPHOCYTES(FLOW CYTOMETRY)	32	%	20 - 40
MONOCYTES(FLOW CYTOMETRY)	06	%	2 - 8
EOSINOPHILS(FLOW CYTOMETRY)	02	%	1 - 4
BASOPHILS(FLOW CYTOMETRY)	00	%	0.0 - 1.0
ABSOLUTE NEUTROPHIL COUNT(CALCULATED)	3420.0	10 <sup>3</sup> /uL	2000.0 - 7000.0
ABSOLUTE LYMPHOCYTE COUNT(CALCULATED)	1800.0	10 <sup>3</sup> /uL	1000.0 - 3000.0
ABSOLUTE MONOCYTE COUNT(CALCULATED)	330.0	10 <sup>3</sup> /uL	200.0 - 1000.0
ABSOLUTE EOSINOPHIL COUNT(CALCULATED)	80.0	10 <sup>3</sup> /uL	20.0 - 500.0
<b>PLATELETS PARAMETER</b>			
PLATELET COUNT(IMPEDENCE)	176000	/uL	150000 - 450000
MPV(IMPEDENCE)	12.6	fl	8.0 - 13.0



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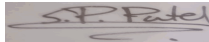
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Test Name	Results	Units	Biological Reference
PDW(IMPEDEANCE)	↑ 20.4	fl	9.0 - 17.0
ESR	12	mm/hr	0 - 20

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

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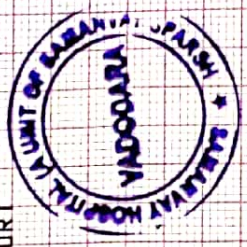


SINUS RHYTHM  
NORMAL ECG

HR 74/min  
Axis: P 34°  
QRS 28°  
T 19°  
Intervals:  
RR 806 ms  
P 108 ms  
PR 152 ms  
QR5 90 ms  
QT 354 ms  
QTc 398 ms  
Sokol. 2.51 mV

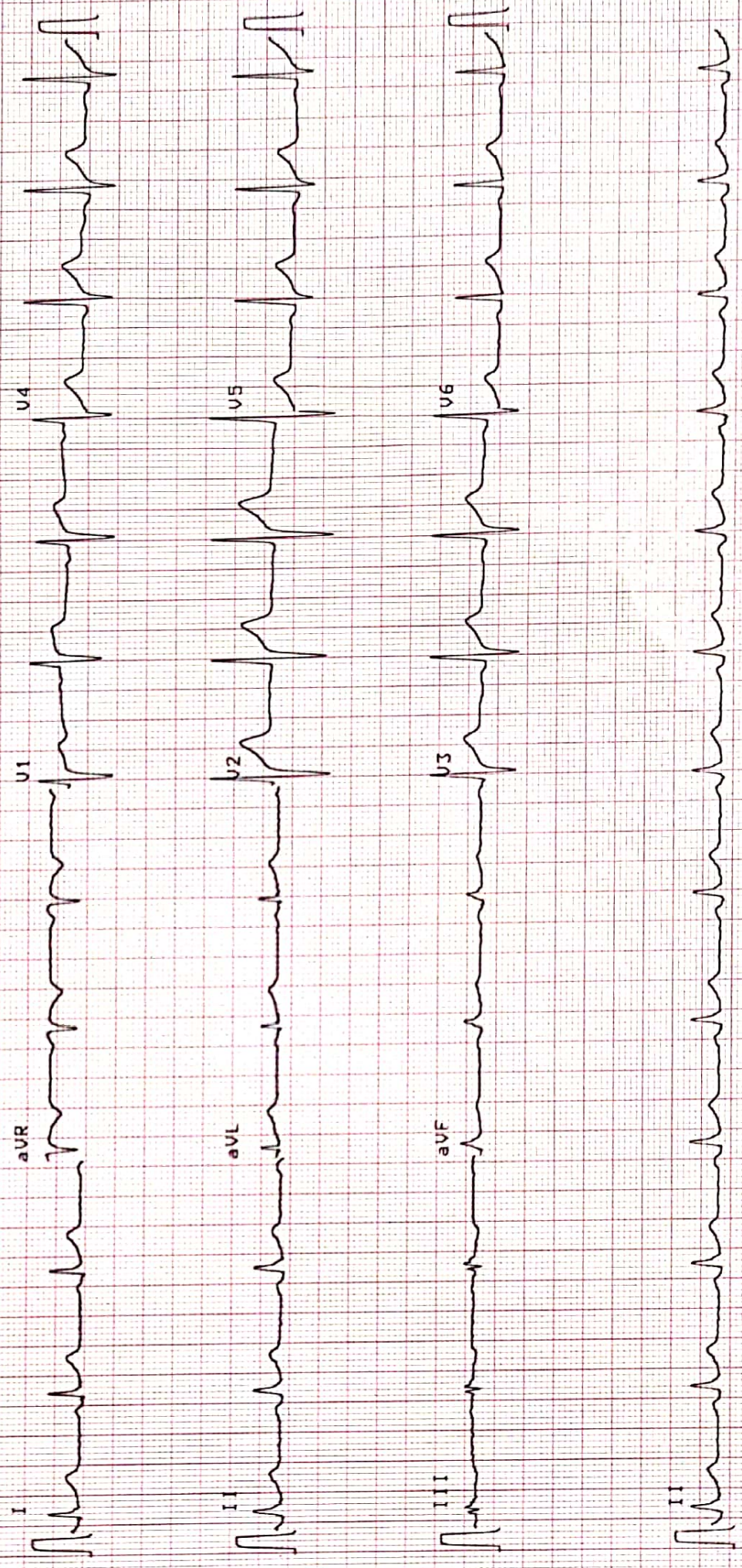
UNCONFIRMED REPORT

**DR. PAVAN ROY**  
MD, DM (CARDIOLOGY)  
CONSULTANT CARDIOLOGIST  
REG. NO. (D-23399)  
M No: 9303999169



10 mm/mV

10 mm/mV



10 mm/mV

25 mm/s 0.05-25Hz F50.55F SBS 5a 09-NOV-24 08:37:26 samarvaya hospital, baroda AT-102 1.37 dtm

SCHILLER

Part No 7 15701M 64 0133



Mr. ROHAN

M / 35 YEARS

DATE: 09/11/2024

**REAL TIME SONOGRAPHY OF THE ABDOMEN & PELVIS**

**LIVER** - It is normal in size (14.2 cm). It shows normal echo pattern. No evidence of solid or cystic focal lesion is seen. The intrahepatic biliary system is normal and shows no dilatation of the radicles. The portal vein, CBD and hepatic veins appear normal.

**GALL BLADDER** - It is distended and appears normal. No evidence of sludge or calculus is seen. The wall appears normal.

**PANCREAS** - It is visualized and appears normal.

**SPLEEN** - It appears normal in size (9.2 cm), normal in shape and echotexture. No focal lesions.

**KIDNEYS** - . Both the kidneys appear normal in size, shape and show normal corticomedullary differentiation. Normal echogenicity of both kidneys. Tiny concretions are noted in both kidneys.

Right kidney measures 10.3 X 4.1 cm. Left kidney measures 9.7 X 4.6 cm.

No hydronephrosis is seen on either side.

Urinary bladder is distended and appears normal. No cystitis or mass lesion noted.

Prostate appears normal in size vol - 13 cc. No focal lesion.

No evidence of any lymphadenopathy or ascites is noted.

No evidence of dilated bowel loops or bowel wall thickening noted.

**IMPRESSION:**

**NO SONOGRAPHIC ABNORMALITY IS DETECTED.**



**DR. SARJAN VASAVA,  
CONSULTANT RADIOLOGIST.**

**DR SARJAN VASAVA  
M.B.B.S., D.M.R.D.  
Reg. No. G-25527  
SAMANVAY HOSPITALS**



Patient

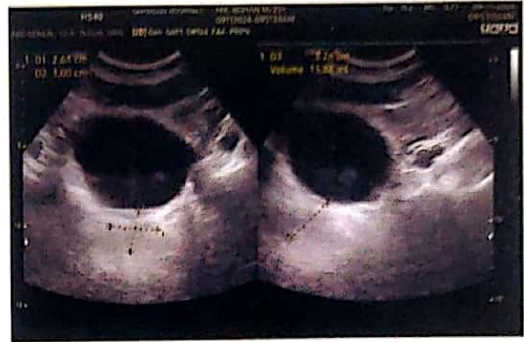
ID  
Name  
Birth Date  
Gender

09112024-095138AM  
MR. ROHAN M/35Y

Exam

Accession #  
Exam Date  
Description  
Operator

09-11-2024





Mr. Rohan

m/35y

09-11-24





ROHAN . (35 M)

SAMANVAY HOSPITAL VADODARA

Bruce Protocol

ID: 97195

Date: 09-11-2024

Exec Time : 0:00:00

Stage Time: 03:03

HR: 97 bpm

STLevel(mm) STSlope(mV/s)

Stage: Standing

Speed: 0 kmph

Grade: 0%

THR: 157 bpm

BP: 110/80 mmHg

STLevel(mm) STSlope(mV/s)

0.7 0.4 I

0.4 0.1 II

0.9 0.3 III

0.1 -0.1 V1

0.5 -0.4 V2

0.4 0.2 V3

0.5 0.2 V4

0.4 0.2 V5

0.5 0.2 V6

V1 0.6 0.2

V2 1.6 0.9

V3 0.8 0.3

V4 0.7 0.4

V5 0.8 0.3

V6 0.6 0.2

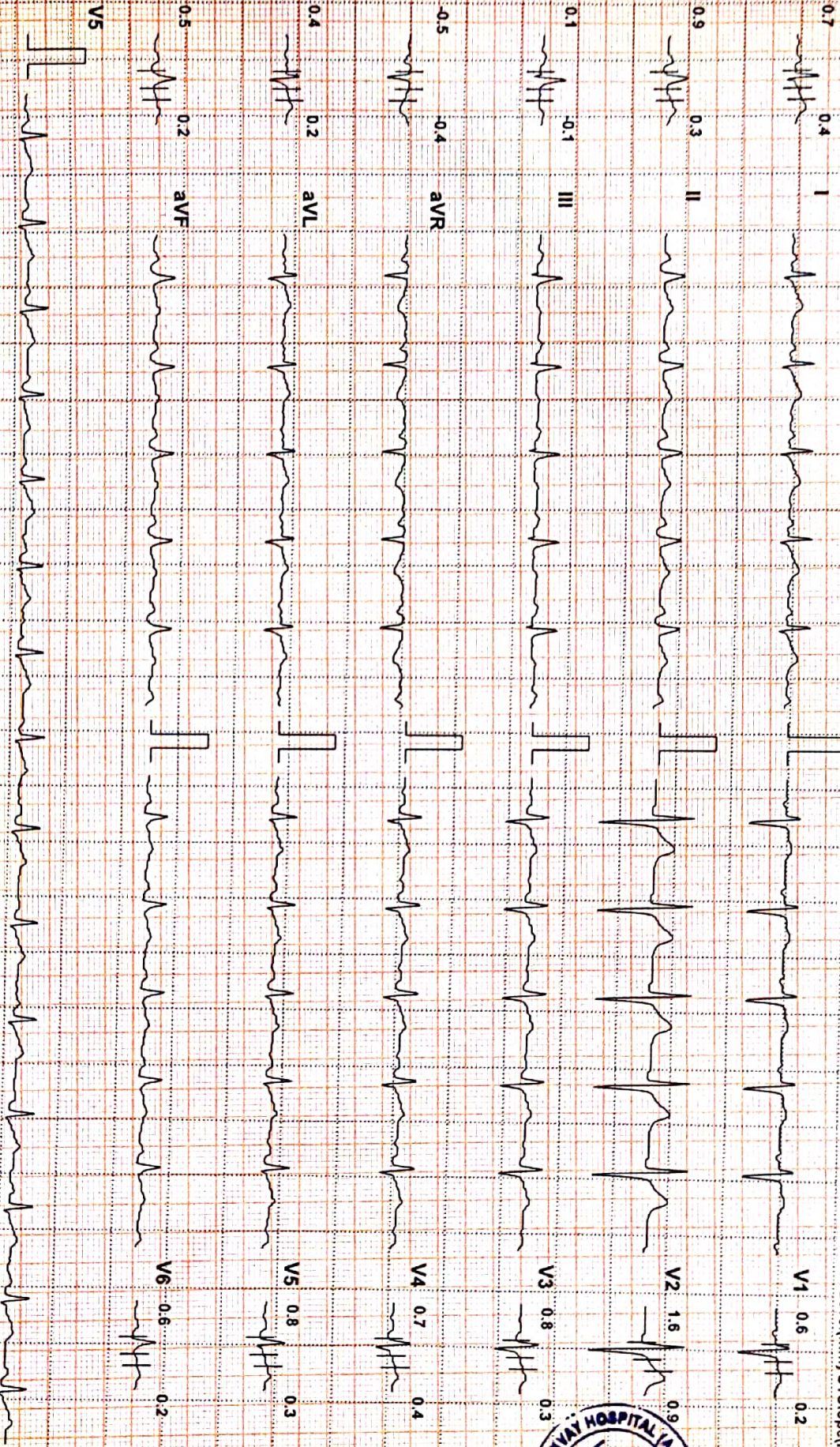


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 25 Hz Mains Filter: ON ISO = R = 60 ms, J = R = 60 ms, Post J = J + 80 ms

Linked Median

Schiller Cardiovit CS-10 Version: 3.4



# SAMANVAY HOSPITAL VADODARA

**ROHAN . (35 M)**

Bruce Protocol

ID: 97195

Date: 09-11-2024

Exec Time : 0:00:00

Stage Time: 03:01

**HR: 110 bpm**

BP: 110/80 mmHg

STLevel(m) STSlope(mV/s)

Stage: PreTest

Speed: 1.6 kmph

Grade: 0%

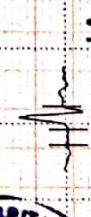
THR: 157 bpm

STLevel(m) STSlope(mV/s)

0.7 0.6 I



V1 0.6 0.1



0.5 0.4 II



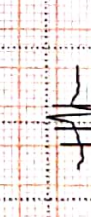
V2 1.7 1



0.2 0.1 III



V3 0.5 0.4



0.7 0.5 aVR



V4 0.7 0.4



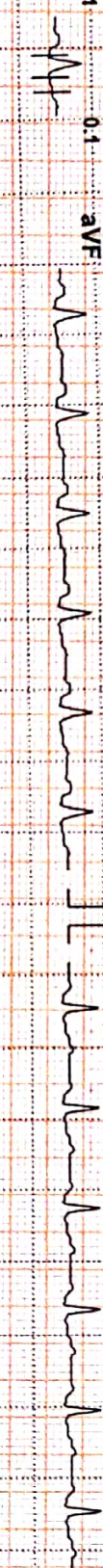
0.4 0.4 aVL



V5 0.6 0.4



0.1 0.1 aVF



V6 0.3 0.2



V5



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 + 80 ms

Schiller Cardioir CS-10 Version: 3.4

Linked Median





# SAMANVAY HOSPITAL VADODARA

**ROHAN . (35 M)**

Bruce Protocol

STLevel(mV) STSlope(mV/s)

ID: 97195

Stage: 1

Date: 09-11-2024

Speed: 2.7 kmph

Exec Time : 0:03:00

Grade: 10%

Stage Time: 03:00

THR: 157 bpm

HR: 130 bpm

BP: 120/80 mmHg

STLevel(mV) STSlope(mV/s)

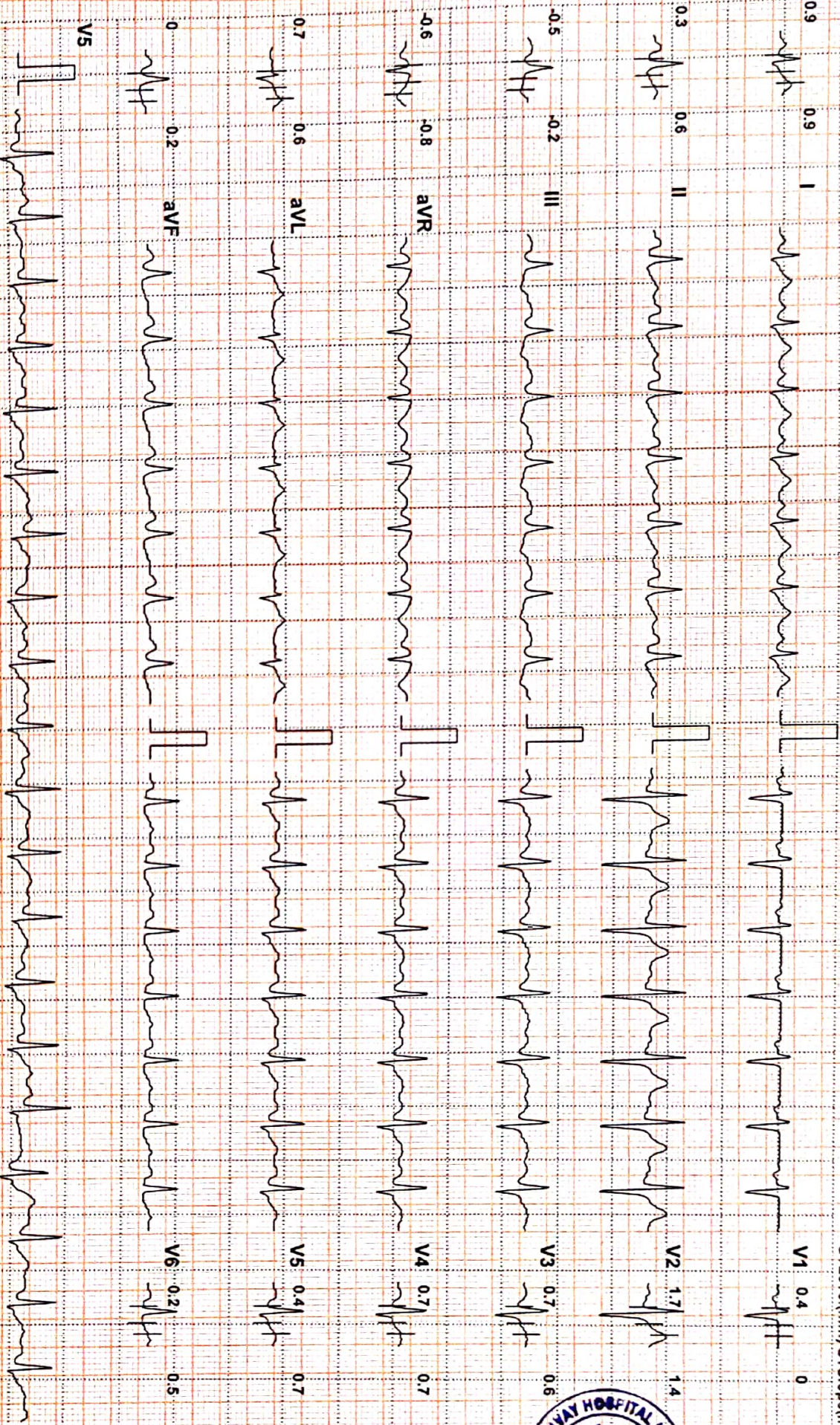


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 25 Hz Mains Filter: ON ISO: R = 60 ms, J = R = 60 ms, Post J = J = 80 ms

Linked Median

Schiller CardioVet CS-10 Version: 3.4



# SAMANVAY HOSPITAL VADODARA

**ROHAN . (35 M)**

Bruce Protocol

ID: 97195

Date: 09-11-2024

Exec Time : 0:06:00

Stage Time: 03:00

**HR: 142 bpm**

STLevel(mm) STSlope(mV/s)

Stage: 2

Speed: 4 kmph

Grade: 12%

THR: 157 bpm

BP: 140/80 mmHg

STLevel(mm) STSlope(mV/s)

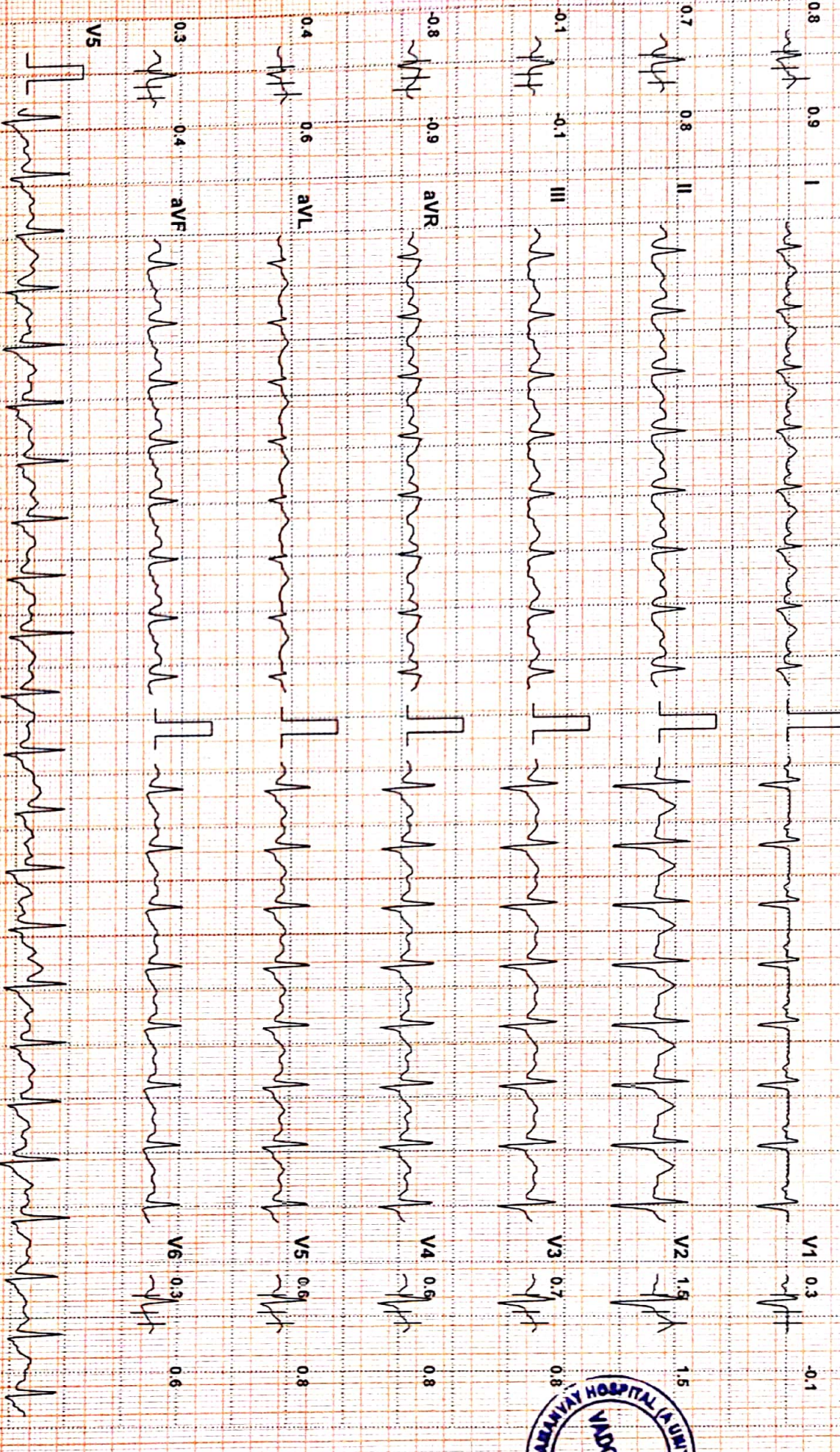


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 25 Hz Mains Filter: ON ISO: R - 60 ms, J - R + 60 ms, Post J - J + 80 ms Schiller Cardioit CS-10 Version: 3.4

Linked Median



# SAMANVAY HOSPITAL VADODARA

**ROHAN . (35 M)**

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 97195

Stage: 3

Date: 09-11-2024

Speed: 5.5 kmph

Exec Time : 0:09:00

Grade: 14%

Stage Time: 03:00

THR: 157 bpm

HR: 171 bpm

BP: 150/90 mmHg

STLevel(mm) STSlope(mV/s)

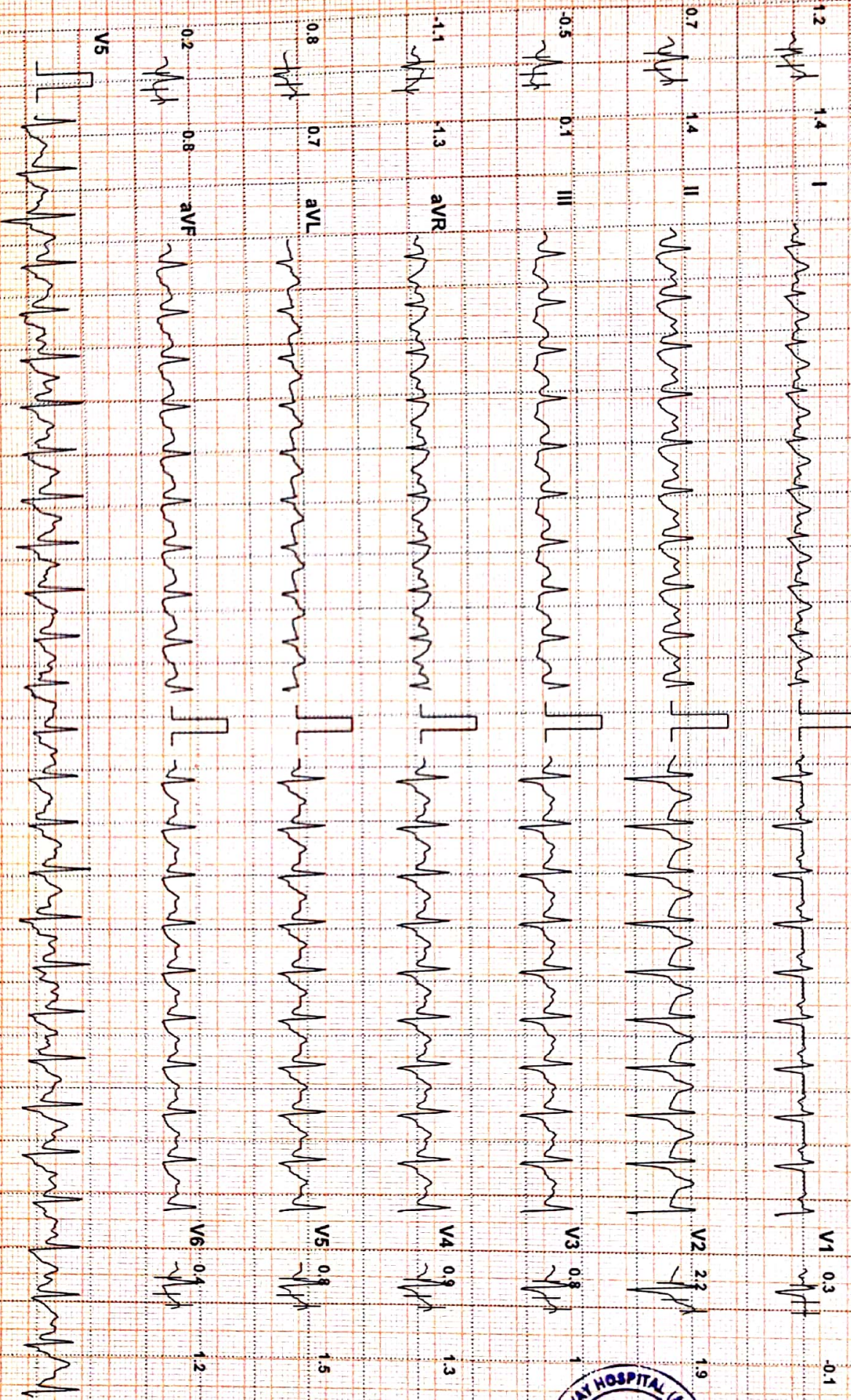


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 25 Hz Mains Filter: ON ISO = R: 60 ms, J = R: 60 ms, Post J = J: 80 ms Schiller Cardiovit CS:10 Verikoh:3,4 Linked Median



# SAMANVAY HOSPITAL VADODARA

**ROHAN . (35 M)**

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 97195

Stage: Peak Exercise

Speed: 6.8 kmph

Date: 09-11-2024

Exec Time : 0:09:33

Grade: 16%

Stage Time: 00:33

THR: 157 bpm

**HR: 182 bpm**

BP: 150/90 mmHg

STLevel(mm) STSlope(mV/s)

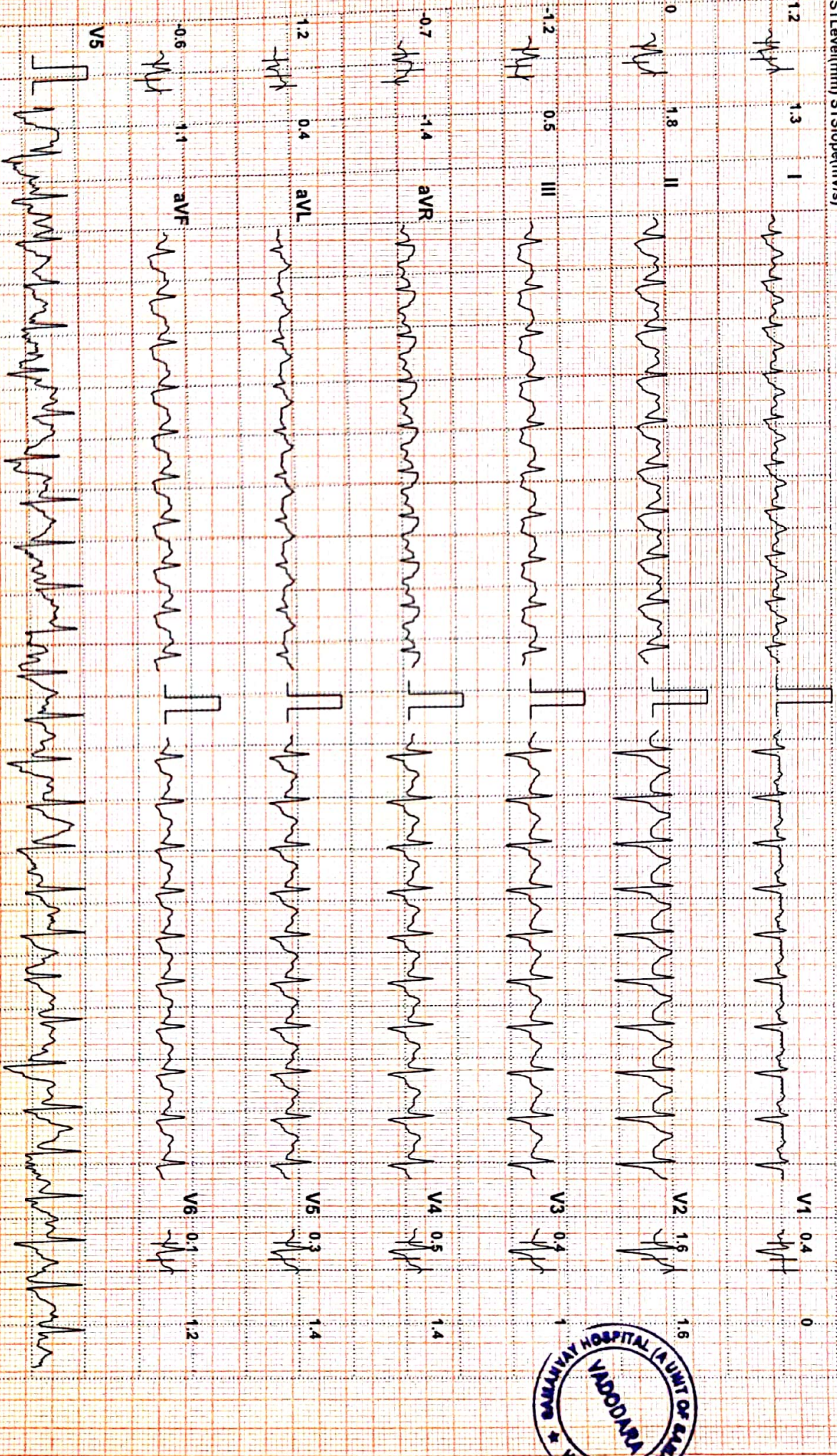


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 25 Hz Mains Filter: ON ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms Schiller CardioK CS-10 Version: 3.4

Linked Median





# SAMANVAY HOSPITAL VADDODARA

**ROHAN . (35 M)**

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 97195

Date: 09-11-2024

Exec Time : 0:10:33

Stage Time: 01:00

HR: 142 bpm

BP: 150/90 mmHg

Stage: Recovery1

Speed: 0 kmph

Grade: 0%

THR: 157 bpm

STLevel(mm) STSlope(mV/s)

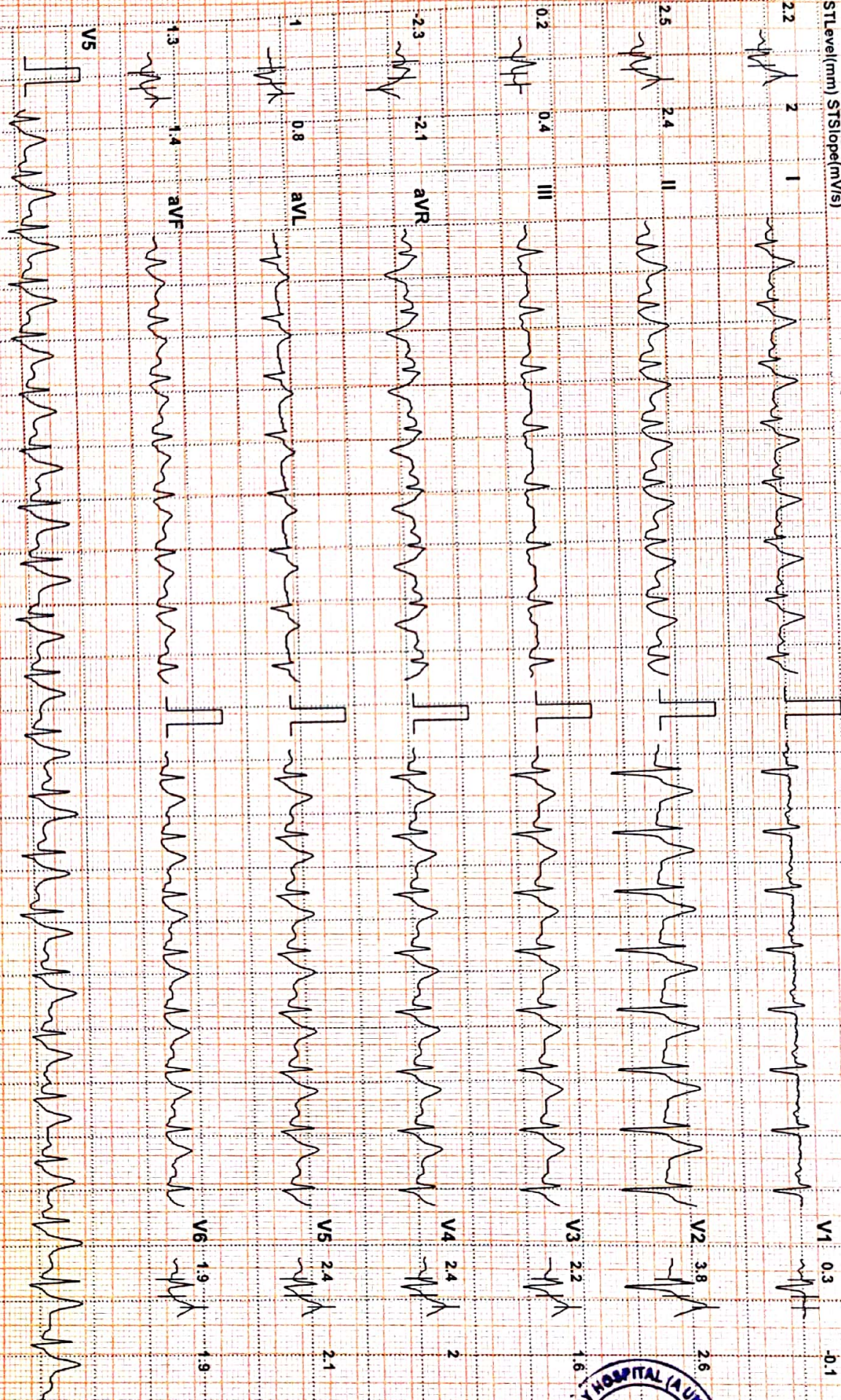


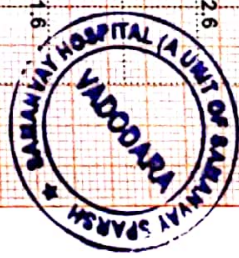
Chart Speed: 25 mm/sec Amplitude: 10mm/mV

Filter: 25 Hz Mains Filter: ON

ISO = R - 60 ms, J = R + 60 ms, Pst J = J + 80 ms

Schiller Cardioit CS-10 Version: 3.4

Linked Median





# SAMANVAY HOSPITAL VADODARA

**ROHAN . (35 M)**

Bruce Protocol

ID: 97195

Date: 09-11-2024

Exec Time: 0:11:33

Stage Time: 01:00

**HR: 128 bpm**

STLevel(mm) STSlope(mV/s)

Stage: Recovery2

Speed: 0 kmph

Grade: 0%

THR: 157 bpm

BP: 140/80 mmHg

STLevel(mm) STSlope(mV/s)

1.5 2.1 I



V1 0.7 0.1

1.6 2.6 II



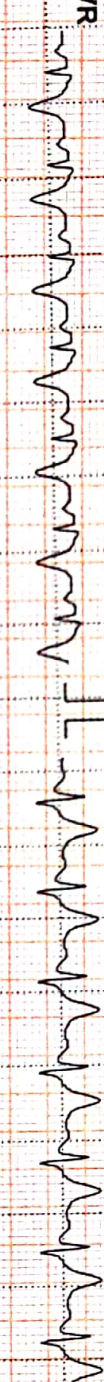
V2 3.1 3.1

0.1 0.5 III



V3 1.9 1.9

1.5 2.2 aVR



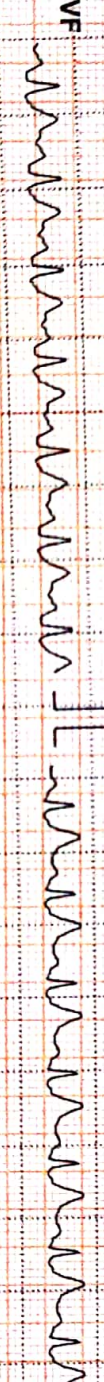
V4 1.8 2.2

0.6 0.8 aVL



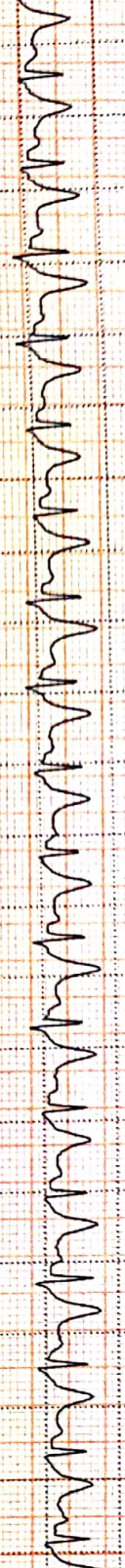
V5 1.6 2.2

0.8 1.5 aVF



V6 1.2 1.9

V5





ROHAN . (35 M)

SAMANYAY HOSPITAL VADODARA

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

ID: 97195  
Stage: Recovery3

Date: 09-11-2024  
Speed: 0 kmph

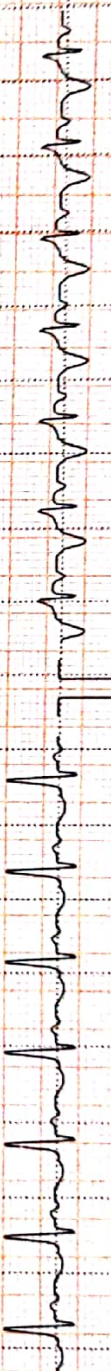
Exec Time : 0:12:33  
Grade: 0%

Stage Time: 01:00  
THR: 157 bpm

HR: 126 bpm

BP: 120/80 mmHg  
STLevel(mm) STSlope(mV/s)

0.9 1.4 I



V1 0.8 0.2

0.9 1.7 II



V2 2.4 2.5

0.1 0.3 III



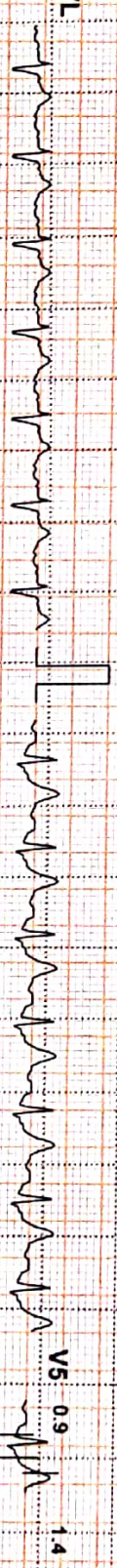
V3 1.2 1.3

0.9 1.5 aVR



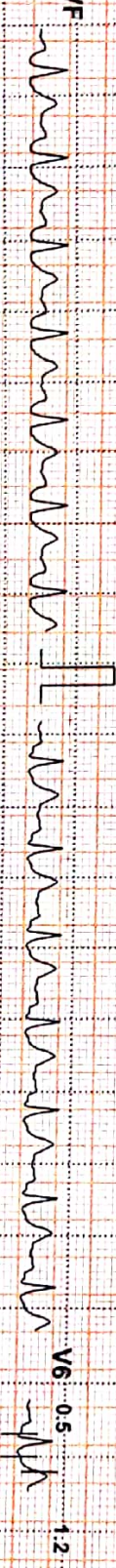
V4 1.1 1.5

0.4 0.6 aVL



V5 0.9 1.4

0.6 1.1 aVF



V6 0.5 1.2

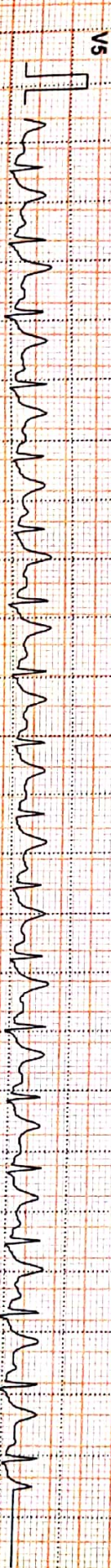


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 25 Hz Mains Filter: ON ISO: R = 60 ms, J = R + 60 ms, Post J = J + 80 ms

Linked Median

Schiller Cardiotek CS-10 Version:3.4



## SAMANVAY HOSPITAL VADODARA

**Name:** ROHAN .

**Date:** 09-11-2024

**Time:** 09:34

**Age:** 35      **Gender:** M

**Height:** 173 cms

**Weight:** 86 Kg

**ID:** 97195

**Clinical History:**

**Medications:**

**Test Details:**

**Protocol:** Bruce

**Predicted Max HR:** 185

**Target HR:** 157 (85% of Pr. MHR)

**Exercise Time:** 0:09:33

**Achieved Max HR:** 182 (98% of Pr. MHR)

**Max BP:** 150/90

**Max BP x HR:** 27300

**Max Mets:** 10.7

**Test Termination Criteria:**

**Protocol Details:**

Stage Name	Stage Time	METS	Speed km/h	Grade %	Heart Rate bpm	BP mmHg	RPP	ST Level mm	ST Slope mV/S
Standing	03:03	1	0	0	97	110/80	10670	1.6 V2	0.9 V2
PreTest	03:01	1	1.6	0	110	110/80	12100	1.7 V2	1 V2
Stage: 1	03:00	4.7	2.7	10	130	120/80	15600	1.7 V2	1.4 V2
Stage: 2	03:00	7	4	12	142	140/80	19880	1.5 V2	1.5 V2
Stage: 3	03:00	10.1	5.5	14	171	150/90	25650	2.2 V2	1.9 V2
Peak Exercise	00:33	10.7	6.8	16	182	150/90	27300	1.6 V2	1.8 II
Recovery1	01:00	1	0	0	142	150/90	21300	3.8 V2	2.6 V2
Recovery2	01:00	1	0	0	128	140/80	17920	3.1 V2	3.1 V2
Recovery3	01:00	1	0	0	126	120/80	15120	2.4 V2	2.5 V2
Recovery4	00:02	1	0	0	126	120/80	15120	2.4 V2	2.5 V2

**Interpretation**

The Patient Exercised according to Bruce Protocol for 0:09:33 achieving a work level of 10.7 METS.  
 Resting Heart Rate, initially 97 bpm rose to a max. heart rate of 182bpm (98% of Predicted Maximum Heart Rate).  
 Resting Blood Pressure of 110/80 mmHg, rose to a maximum Blood Pressure of 150/90 mmHg

*Good efforts to achieve / 98% THRE for 7 METS Achieved*  
*- Appropriate Chronotropic & Haemodynamic response.*  
*- No ST/T segment shift during exercise or recovery*  
*- No exercise induced myocardial ischaemia*  
*the stress test is negative for induced ischaemia*

**SCHILLER**



**DR. PAVAN ROY**  
 MD, DKT(CARDIOLOGY)  
 DOMBUDRIKAR AND POODRIST  
 Schiller Cardiovit CS-10 Version:3.4



**Patient Name** : MR. ROHAN **Bill No.** : OPB/1/24/10969  
**Age & Sex.** : 35Y /M **Reg No.** : REG-14258  
**Bill date** : 09/11/2024 12:39 PM **Sponsor** : MEDIWHEEL  
**X-RAY CHEST PA**

Both the lung fields appear normal.  
Both costophrenic angles appear clear.  
Cardiac silhouette appear normal.  
Both hila appears normal.  
Mediastinum and aorta appear normal.  
Bony thorax appears normal.  
No evidence of free gas seen under dome of diaphragm.

**COMMENTS:**

- NORMAL BOTH LUNG FIELDS.
- NORMAL CARDIAC SIZE.

**Impression :**  
**Conclusion :**



**Dr. Sarjan Vasava**  
**Radiology**  
(Reg No-G-26527)

**DR SARJAN VASAVA**  
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**Reg. No. G-26527**  
**SAMANVAY HOSPITALS**

