

CITY LAB

(clinical laboratory)

Dr Madkaikar's City hospital

"Ashirwad bldg, 1st floor ,

opp meenaxi hotel,

Isidor Baptista road,

Margao- Goa 403601

Ph. : 2714354

NAME: Mr. Vivek Vilasrao Borkar

34yrs/M

Date: 23-03-2024

REF. BY: MEDI WHEEL

BLOOD BIOCHEMISTRY

TEST	PATIENT'S VALUE	NORMAL RANGE
Fasting Blood Glucose	108.0 mg./dl	70-110 mg./dl
Post Prandial Glucose	136.0 mg./dl	Upto 145 mg./dl
RFT		
Blood Urea	22.0 mg./dL	14-40mg./dL
Serum Creatinine	1.0 mg./dL	0.5-1.4mg./dL
Serum Uric Acid	4.5 mg./dL	M: 2.4-7.0 F: 2.4-6.0mg./dL
BUN	10.2 mg./dl	5-25 mg/dl
LFT		
Total Bilirubin	0.8 mg./dL	0.2-1.0 mg./dL
Direct Bilirubin	0.2 mg./dL	0.1-0.2 mg./dL
Indirect Bilirubin	0.6 mg./dL	Up to 0.8 mg/dl
S.G.P.T	30.0 Units/L	0-49 units/L
S.G.O.T	36.0 Units/L	0-46 units/L
Alkaline Phosphatase	185.0 Units/L	108-306 units/L
Total Protein	7.3 gm./dL	6-8 gm.dL
Albumin	4.1 gm./dL	3.5-5.5gm./dL
Globulin	3.2 gm./dL	1.8-3.6gm/dL
A/G	1.2	1.2-2.1
LIPID PROFILE		
Serum Cholesterol	189.0 mg./dL	25- 260 mg./dL
Serum Triglycerides	135.0 mg./dL	M:60-165 F:40 140mg./dL
HDL Cholesterol	40.0 mg./dL	M:30-63 F: 35- 75 mg./dL
LDL Cholesterol	122.0 mg./dL	Upto 145 mg./dL
Total Chol/HDL Chol Ratio	4.7	2-5
LDL Chol/HDL Chol Ratio	3.0	Up to 3.5



Dr. Shet Sunayana Sudhir
M.D. (Path.)
Reg. No. GMC 3311

Pathologist/Analyst

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COMPLETE HAEMOGRAM

		MALE	FEMALE
Haemoglobin	15.1 gm%	(13.0-18)	(11.5-16.5)
PCV	46.0 cc%	(40-50)	(37-47)
ESR(westergren's method)	15 mm/hr	(up to 15)	(up to 20)
R.B.C COUNT	5.6 millions/cmm	(4.5-6.0)	(4.0-5.5)

Erthrocytes Indices

MCH	28 pg	27-32
MCHC	33 %	32-36
MCV	91 cu-microns	82-92
Platelet Count	3,02,000 cells/cmm	(150,000-500,000)
Total W.B.C Count	9,800 /cmm	(4,000-10,000)

Differential Count

Neutrophils	56 %	(50-70)
Lymphocytes	37 %	(20-50)
Eosinophils	04 %	(0-8)
Basophils	00 %	(0-2)
Monocytes	03 %	(0-8)



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EXAMINATION OF URINE

PHYSICAL EXAMINATION

Colour ... Pale yellow

Odour ... Ammonical

Appearance Clear

pH. 7.5

Sp. Gravity ...1.030

Deposits ...Nil

CHEMICAL EXAMINATION

Albumin ... Absent

Sugar ... Absent

Ketone bodies ...Nil

BilirubinNil

Occult Blood ... Nil

Urobilinogen.... Nil

MICROSCOPIC EXAMINATION

Pus cells/HPF 2-3

R.B.C.s /HPF Nil

Epithelial Cells/HPF ... 1-2

Crystals/HPFNil

Casts/HPFNil

OTHER FINDINGS : Nil



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NAME: Mr. Vivek Vilasrao Borkar

34yrs/M

Date: 23-03-2024

REF. BY: MEDI WHEEL

General Examination & Lifestyle

Height: 167cms

Weight: 72kgs BMI : 25.8

B.P: 130/80mHg Diet : Mix

Pulse Rate: 71per min

Personal H/o: 1) illness, fracture, operation, hospitalization, Hypertension, Diabetes and IHD : No

Past/ Family H/o: Diabetes, TB, Asthma, Hypertension, Allergy and IHD : No

System Examination

CVS: Normal RS : Normal

CNS: Normal

Abdomen: Normal

Others

Hernia: Nil

Varicose Veins: Nil

Extremities: Nil

Deformities: Nil

Skin: Normal



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THYROID FUNCTION TEST

<u>Investigation</u>	<u>Observed Value</u>	<u>Ref. Range</u>	<u>Unit</u>
T3	156	80 - 200	ng/dL
T4	6.3	4.8-12.7	µg/dl
TSH	3.55	0.55 – 4.78	µIU/ml

Sample : Serum.

Method : FULLY AUTOMATED ELFA METHOD

GLUCOSE TEST

<u>Time</u>	<u>Blood Sugar</u>	<u>Urine sugar</u>
'0' Hrs (fasting)	108.0 mg/dl	Nil
2Hrs.after Breakfast	136.0 mg/dl	Nil



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TEST	RESULT	UNITS	NORMAL RANGE
GLYCOSYLATED HB (HbA1c) (A.B.G – 126.0 mg/dl)	6.0	%	Normal : Up to 6% Good control : 6-7 % Fair control : 7-8 % Unsatisfactory: 8-10 % Poor control : > 10

EYE CHECKUP :

- Far Vision : Right Eye- 6/12 Left Eye- 6/12
- Near Vision : Right Eye – N/6 Left Eye-N/6
- Color Vision: Normal.

HEMATOLOGY

TEST	PATIENT'S VALUE	REFERANCE RANGE
BLOOD GROUP	'O' Rh- "POSITIVE"	



Dr. Shet Sunayana Sudhir
M.D. (Path.)
Reg. No. GMC 3311

Pathologist/Analyst

Dr. Madkaikar's
CITY HOSPITAL

23/08/24

MR. Vivek Borkar

34 yrs.

- Generalised plaque, calculus
& stains +++

Rx required

- Oral prophylaxis



Dr. Nikita R. Madkaikar
B.D.S., M.D.S. (Goe)
Consulting Prosthodontist & Implantologist
Reg. No: A-756

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REF. BY: MEDI WHEEL

X-RAY Chest PA

Lungs are clear.

Hilar and the mediastinal shadows are normal.

Pleura, the c.p angles are clear.

Cardiac aortic Silhouette is normal

Soft tissues of the chest wall and Bony cage are normal.

Impression: Normal



A handwritten signature in blue ink that reads "Francis Almeida".

Dr. Francis Almeida
M.B.B.S. D.M.R.D. (30M) F.C.P.S. (CPS)
Consultant Radiologist
Reg. No. 1553 GMC

CITY ULTRASOUND CLINIC

Dr Madkaiker's City hospital
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Margao- Goa 403601

Name: Mr.Vivek Borkar Ref By-Mediwheel
Age: 34 yrs/ Male
Date: 23/03/2024

ABDOMINAL SONOGRAPHY

LIVER : Is normal in size and shape, normal echotexture
No echogenic or echolucent mass lesion seen.
Intrahepatic branching of hepatic & portal radicles within
Normal limits.
No abscess formation noted. No cyst or hematoma.

GALL-BLADDER: Is normal in size and shape. no evidence of any calculus. Portal vein and CBD
appears normal in course and caliber.

SPLEEN : Normal size and shape

PANCREAS : Maintained in its size with normal echotexture.

RIGHT KIDNEY: B/L kidneys normal

LEFT KIDNEY :
Right kidney- Measures 4.3*8.05 cm.
Good corticomedullary Reaction.
Left kidney -measures 5.07* 10.05 cm
Echotexture is normal.
No hydropherosis.

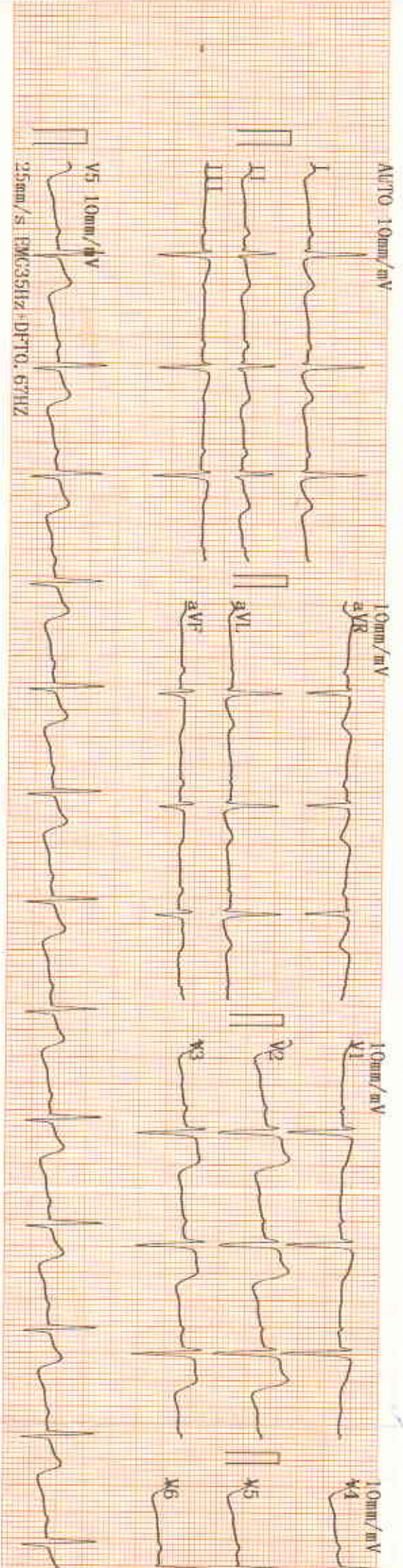
PARA AORTIC REGION : Appears Normal

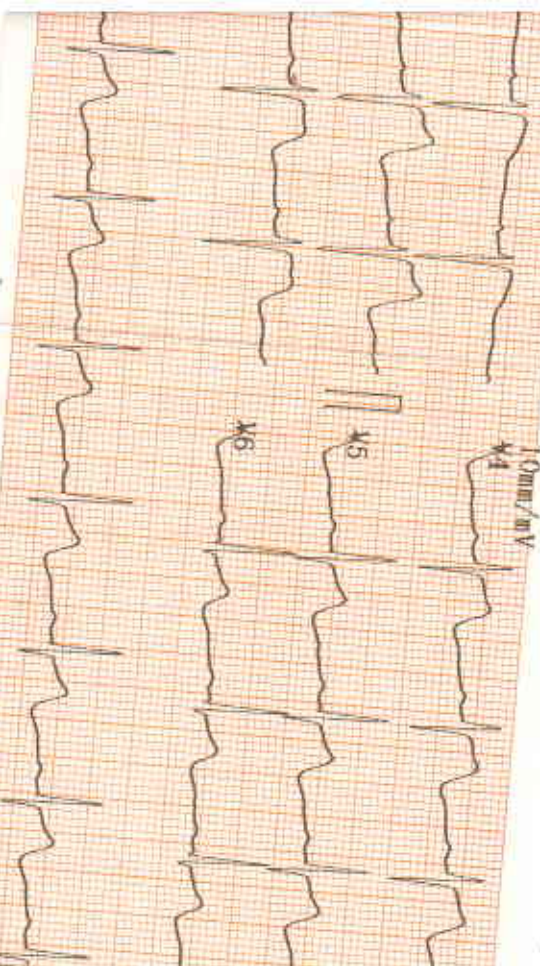
URINARY BLADDER : is normal. Bladder is empty.

PROSTATE : Normal in echotexture.
Prostate volume: 18.00cc

IMPRESSION: NO SIGNIFICANT ABNORMALITY DETECTED.







2024-03-23 09:44

ID :
 Name : Vivek
 Sex : Male
 Height : cm
 Weight : kg
 Age : 34
 DIA : mmHg
 mmHg
 mmHg
 HR : 74 bpm
 PR Interval : ms
 P Duration : ms
 QRS Duration : 75 ms
 T Duration : 188 ms
 QT/QTc : 348/386 ms
 P/QRS/T Axis : deg : 0.0 / 9.4 / 80.7
 R(V5)/S(V1) : mV : 0.89 / 1.06
 R(V5)/S(V1) : mV : 1.95

Conclusions

Middling left axis deviation,
 ST depression, mild high lateral myocardial ischemia

Sudhir Shet

DR. SUDHIR SHET
 M.D.
 CONSULTANT PHYSICIAN
 Reg. No.: GMC 3176

Physician

CITY LAB AND DIAGNOSTIC CENTRE

Patient Details

Name: Vivek Borkar ID: 1097

Age: 34 y

Clinical History:

Date: 23-Mar-24

Sex: M

Time: 1:08:09 PM

Height: 167 cms

Weight: 72 Kgs

Medications:

Test Details

Protocol: Bruce

Total Exec. Time: 9 m 44 s

Max. BP: 140 / 80 mmHg

Test Termination Criteria: Target HR attained

Pr.MHR: 186 bpm

Max. HR: 175 (94% of Pr.MHR)bpm

Max. BP x HR: 24500 mmHg/min

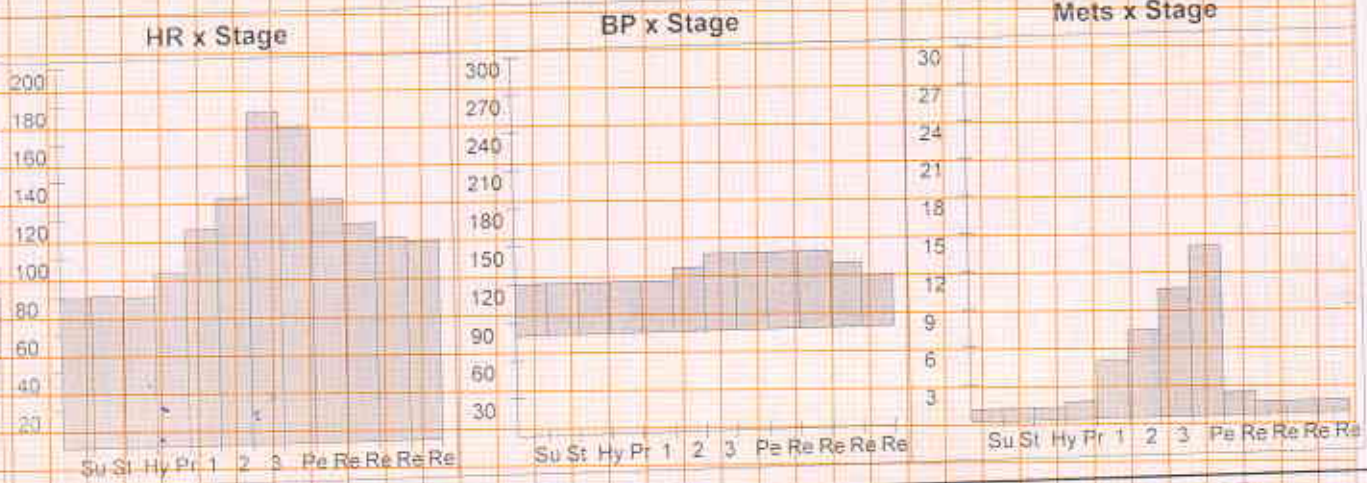
THR: 167 (90 % of Pr.MHR) bpm

Max. Mets: 13.50

Min. BP x HR: 6320 mmHg/min

Protocol Details

Stage Name	Stage Time (min : sec)	Mets	Speed (mph)	Grade (%)	Heart Rate (bpm)	Max. BP (mm/Hg)	Max. ST Level (mm)	Max. ST Slope (mV/s)
Supine	0 : 28	1.0	0	0	79	120 / 80	-1.27 aVR	4.25 V2
Standing	0 : 11	1.0	0	0	80	120 / 80	-1.49 aVR	3.89 V2
Hyperventilation	0 : 11	1.0	0	0	79	120 / 80	-1.49 aVR	3.89 V2
1	3 : 0	4.6	1.7	10	114	120 / 80	-3.18 aVR	5.66 V2
2	3 : 0	7.0	2.5	12	130	130 / 80	-5.94 aVR	5.66 II
3	3 : 0	10.2	3.4	14	175	140 / 80	-5.73 aVL	-5.66 aVR
Peak Ex	0 : 44	13.5	4.2	16	167	140 / 80	-4.88 aVL	5.66 aVF
Recovery(1)	2 : 0	1.8	1	0	128	140 / 80	-3.61 aVR	5.66 III
Recovery(2)	2 : 0	1.0	0	0	115	140 / 80	-2.97 aVR	5.66 II
Recovery(3)	2 : 0	1.0	0	0	107	130 / 80	-1.70 aVR	5.66 V2
Recovery(4)	0 : 24	1.0	0	0	105	120 / 80	-1.49 aVR	4.60 V2



TR

CITY LAB AND DIAGNOSTIC CENTRE

Patient Details

Date: 23-Mar-24

Time: 1:08:09 PM

Name: Vivek Borkar ID: 1097

Age: 34 y

Sex: M


Height: 167 cms

Weight: 72 Kgs

Interpretation

The patient exercised according to the Bruce protocol for 9 m 44 s achieving a work level of Max. METS. 13.50. Resting heart rate initially 79 bpm, rose to a max. heart rate of 175 (94% of Pr.MHR) bpm. Resting blood Pressure 120 / 80 mmHg, rose to a maximum blood pressure of 140 / 80 mmHg.

Normal TMT


DR. SUDHIR SHET
M.D.
CONSULTANT PHYSICIAN
Reg. No.: GMC 3176



Ref. Doctor: Mediwheel

Doctor: _____

(Summary Report edited by user)

Vivek Borkar (34 M)

Protocol: Bruce

ID: 1097

Stage: Supine

Date: 23-Mar-24

Exec Time: 0 m 0 s

Grade: 0 %

Stage Time: 0 m 22 s

HR: 81 bpm

Speed: 0 mph

Grade: 0 %

(HR: 167 bpm)

BP: 120 / 80

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

0.4 0.7

2.1 1.1

1.7 1.1

-1.3 -0.7

-0.6 -0.4

1.9 1.1

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

1.5 1.4

3.8 3.2

3.6 3.2

2.8 2.1

1.9 1.1

1.5 0.7

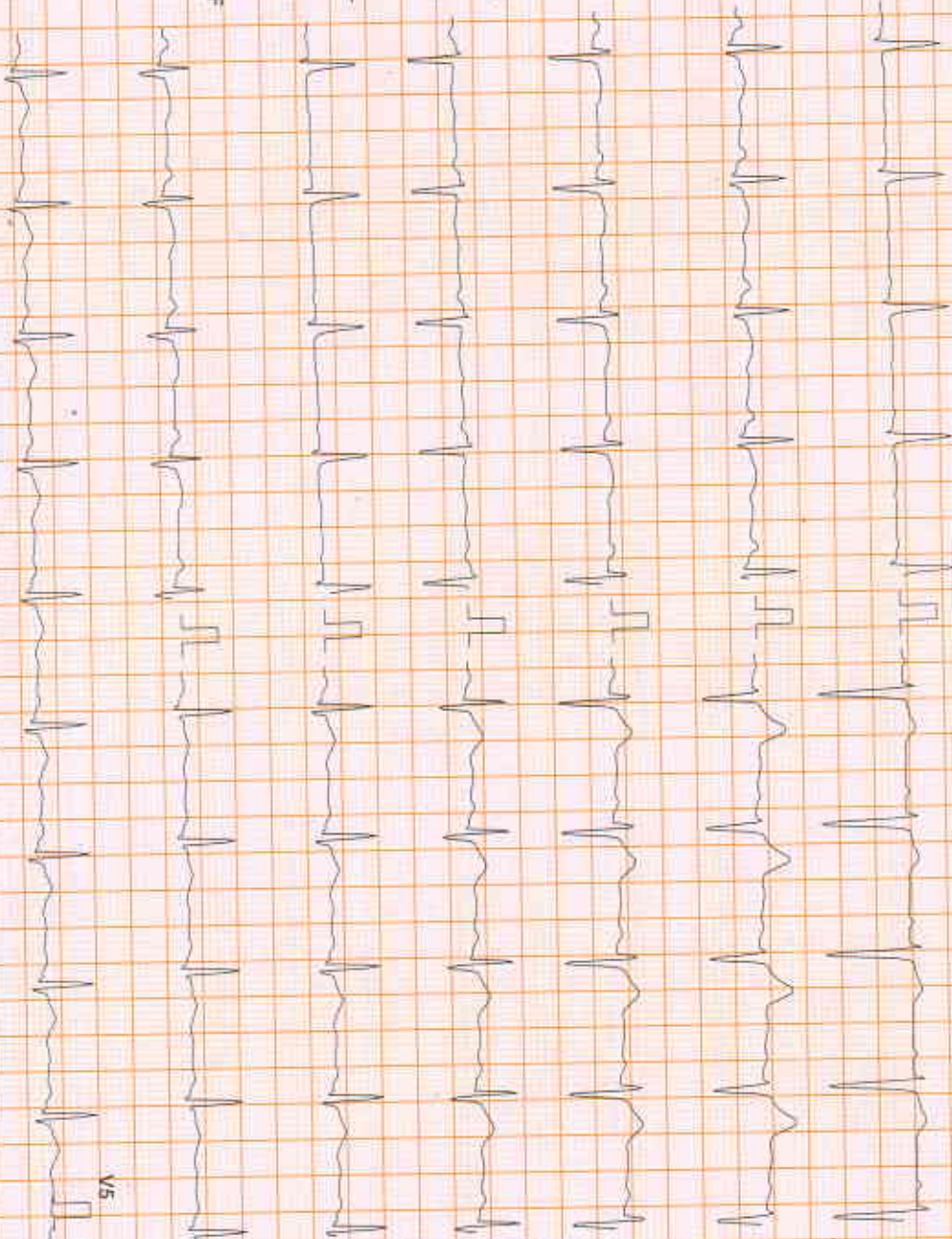


Chart Speed: 25 mm/sec

Standard V 4.5

Filter: 35 Hz

Main: Filter ON

Ampl: 5 mm

50 - R - 60 mm

1 - R - 60 mm

Post J - 60 mm

Linked Median



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Vivek Borkar (34 M)

Protocol: Bruce

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

ID: 1097

Date: 23-Mar-24

Exer Time: 0m 0.6s

Stage Time: 0m 5.5s

HR: 78 bpm

Stage: Standing

Speed: 0 mph

Grade: 0 %

(THR: 167 bpm)

B.P: 120 / 80

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

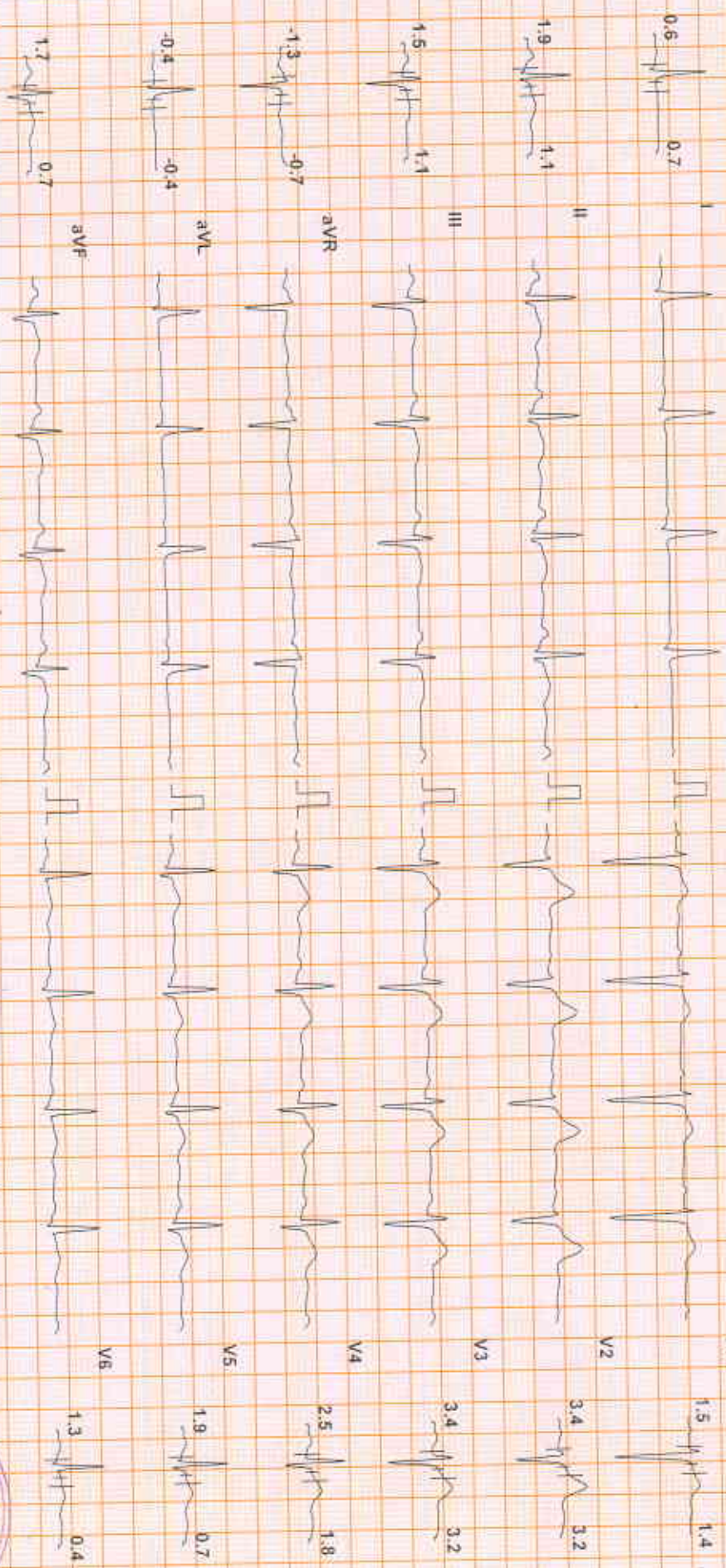


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 5 mm

60 - R - 60 ms

I - R - 60 ms

Fast - I - 60 ms

Linked Median



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Vivek Borkar (34 M)

ID: 1097

Date: 23-Mar-24

Exec Time: 0 m 0 s

Stage Time: 0 m 5 s

HR: 82 bpm

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

Grade: 0%

(THR: 167 bpm)

R.P: 120 / 80

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

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

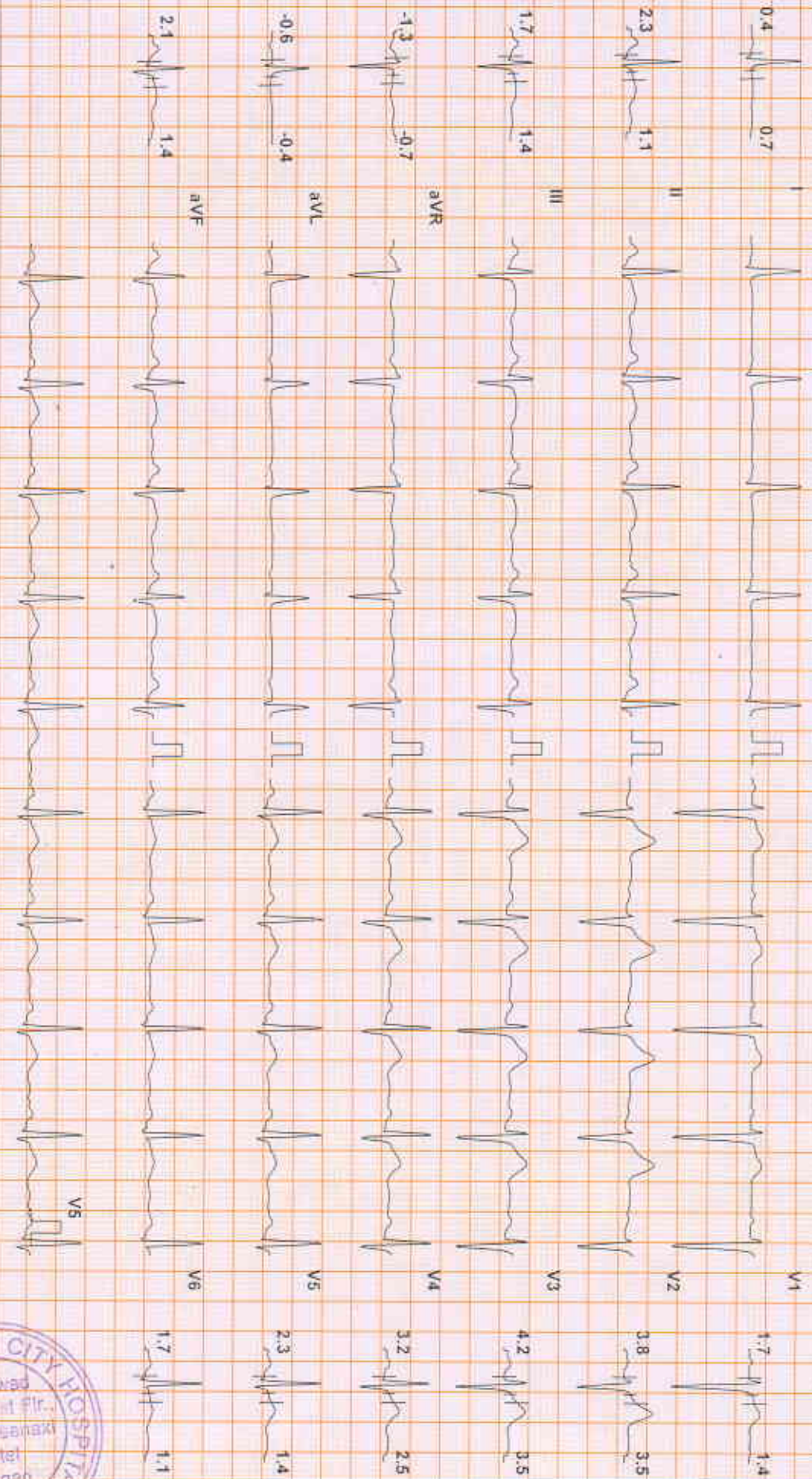


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 5 mm

Io = F - 60 ms

J = R + 60 ms

Pst J = J + 60 ms

Under Standard V.1.51

Linked Median



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Vivek Borkar (34 M)

ID: 1097

Date: 23-Mar-24 Exec Time: 2 m 54 s Stage Time: 2 m 54 s HR: 113 bpm

Protocol: Bruce

Stage: 1

Speed: 1.7 mph Grade: 10% (THR: 167 bpm) R.P.: 120 / 80

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

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

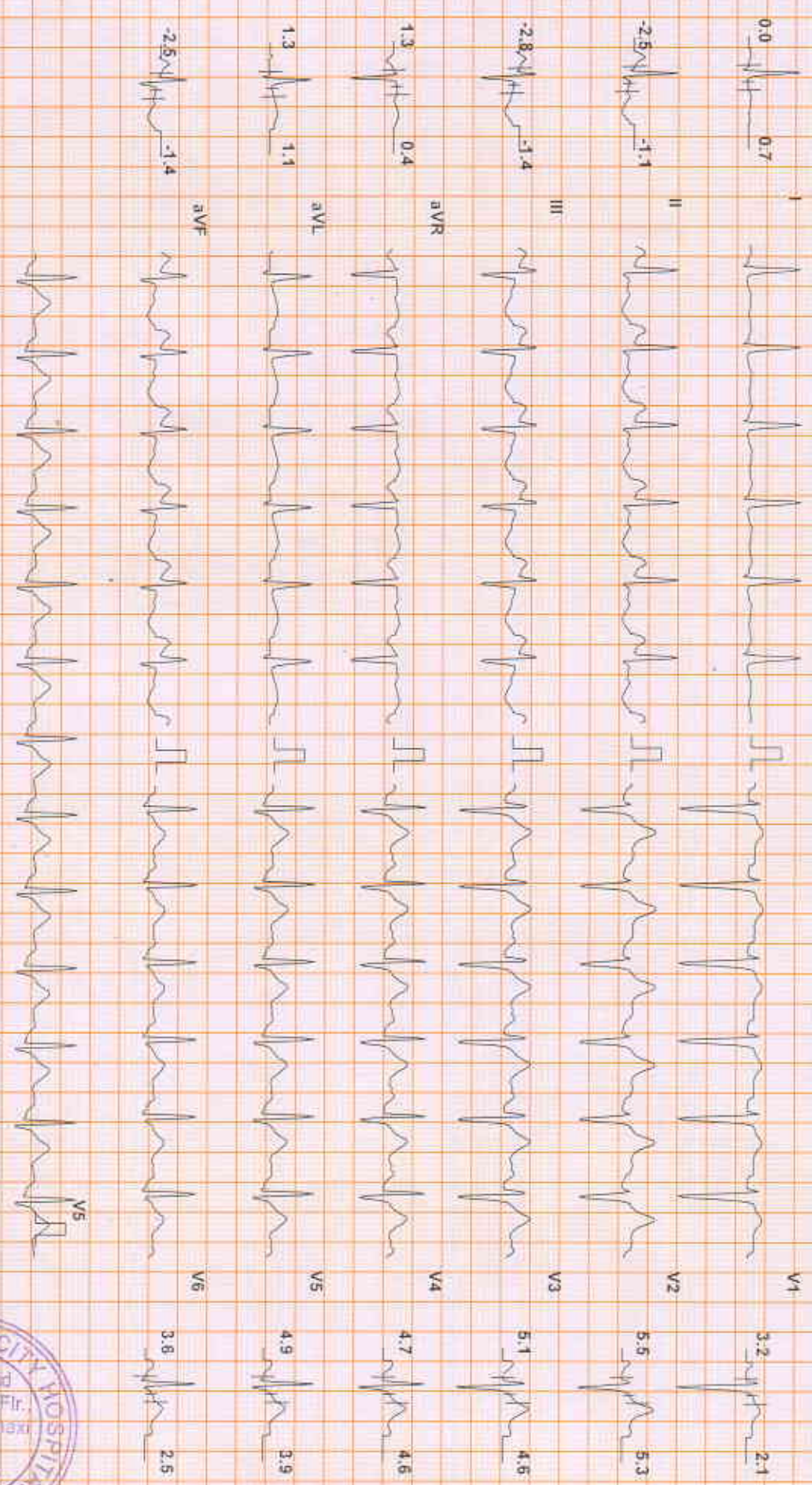


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mans Fill: ON

Amp: 5 mm

20 = R - 60 ms

J = R + 60 ms

Paxi J = V + 60 ms

Requirer: Spondan V V 51

Linked Median



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Vivek Borkar (34 M)

Protocol: Bruce

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

ID: 1097 Date: 23-Mar-24 Exec Time: 5 m 54 s Stage Time: 2 m 54 s HR: 131 bpm
 Stage: 2 Speed: 2.5 mph Grade: 12 % (THR: 167 bpm) B.P.: 130 / 80

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

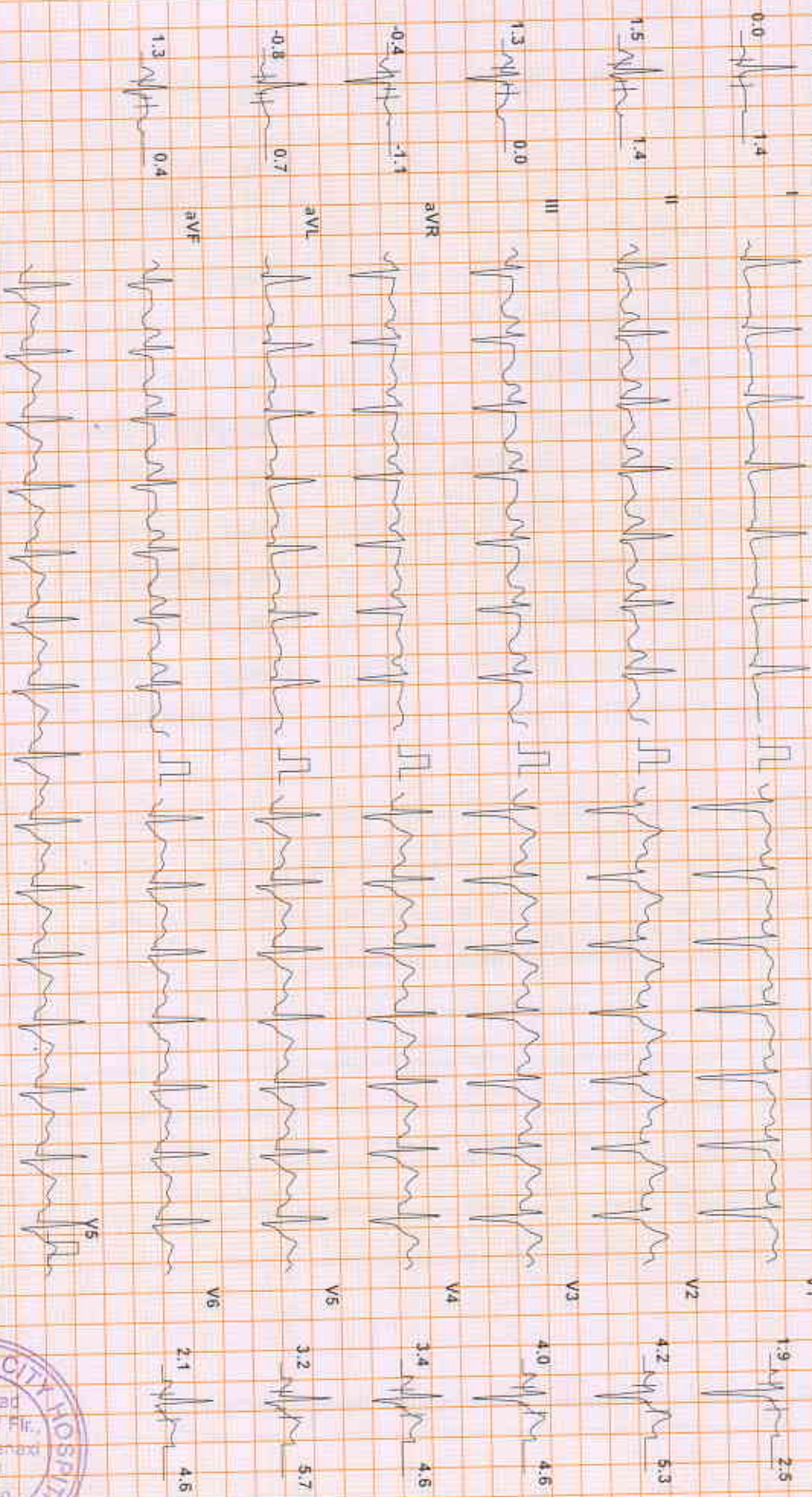


Chart Speed: 25 mm/sec Filter: 35 Hz Main Filter: ON Amp: 5 mm
 I&II - R - 60 ms J + R - 60 ms Paper J - J + 50 ms
 Schiller Spanmin V4.51 Linked Median



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Vivek Borkar (34 M)

ID: 1097

Date: 23-Mar-24 Exed Time : 8 m 54 s Stage Time : 2 m 54 s HR: 179 bpm

Protocol: Bruce

Stage: 3

Speed: 3.4 mph

Grade: 14%

(THR: 167 bpm)

R.P: 140 / 80

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

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

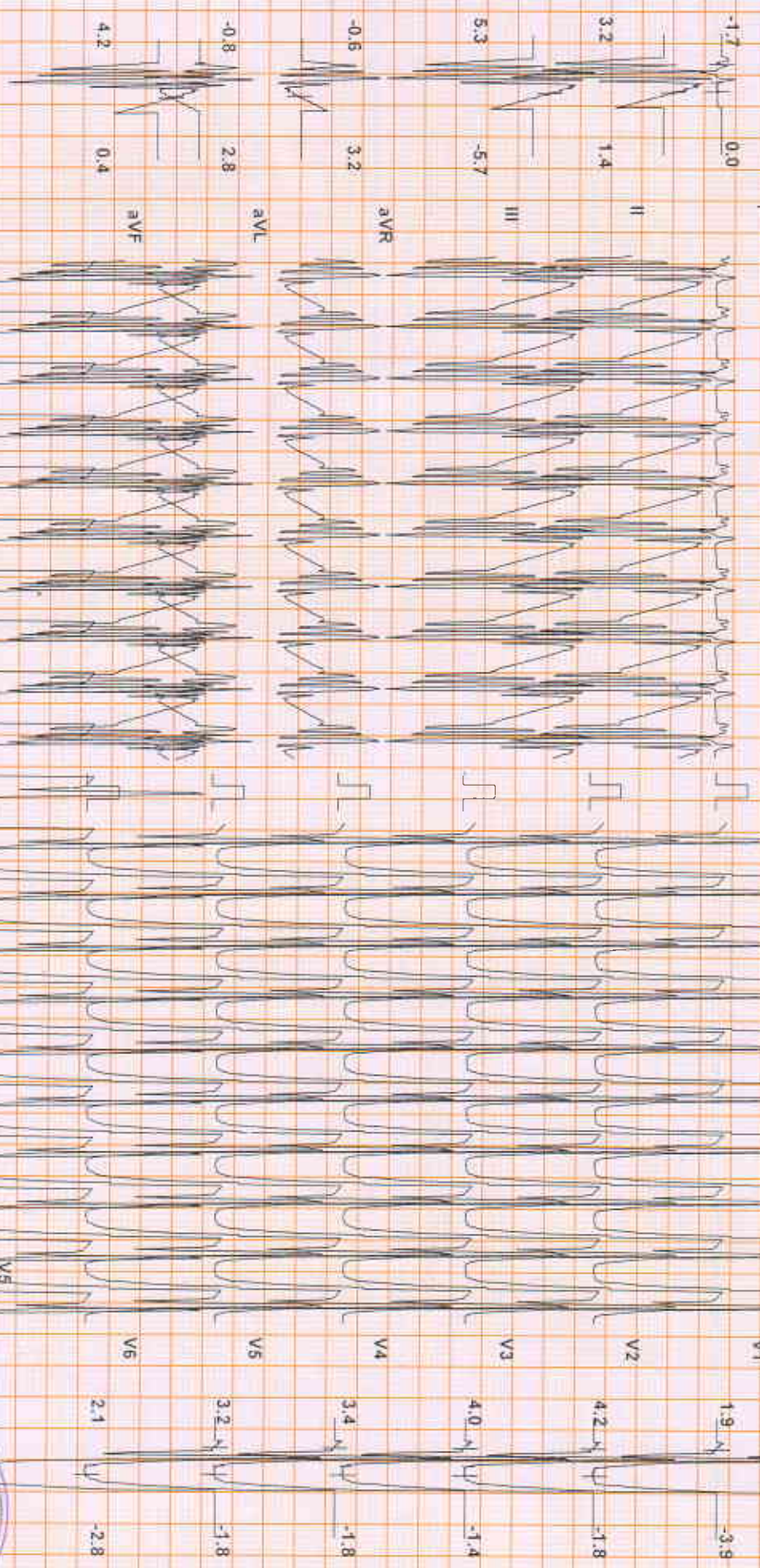


Chart Speed 25 mm/sec

Filter 35 Hz

Mains Filter ON

Amp 5 mm

AVF R-60ms

PR = 160 ms

PRP = 160 ms

Linked Median



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Vivek Borkar (34 M)

ID: 1097

Date: 23-Mar-24 Exec Time: 9 m 38 s Stage Time: 0 m 38 s HR: 170 bpm

Protocol: Bruce

Stage: Peak Ex

Speed: 4.2 mph Grade: 16 %

(THR: 167 bpm)

BP: 140 / 80

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

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

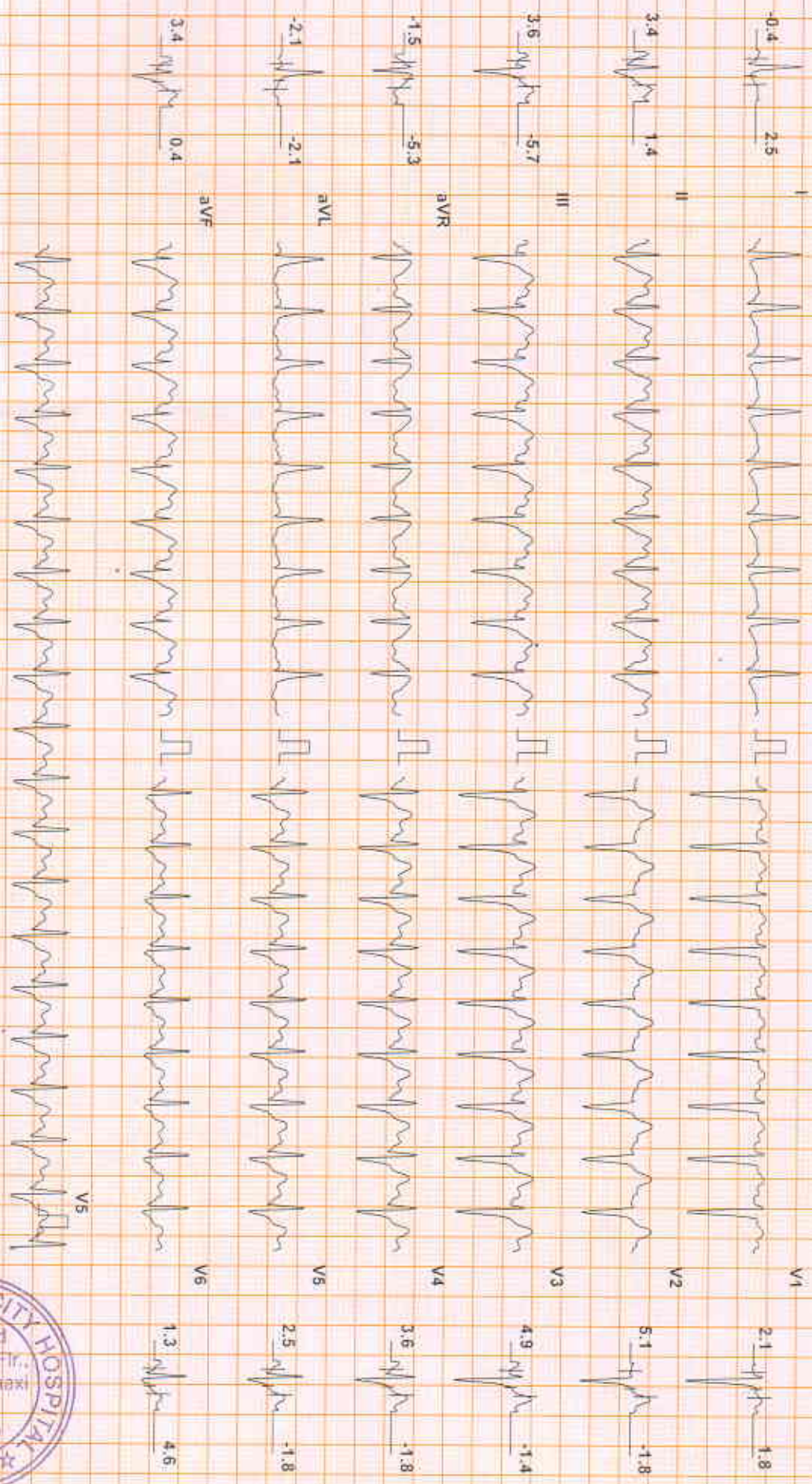


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 5 mm

50 = R - 60 ms

J = R + 60 ms

P/S/L = V + 50 ms

Schlier Standard V451

Linked Median



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Vivek Borkar (34 M)

ID: 1097

Date: 23-Mar-24

Exec Time: 9 m 44 s

Stage Time: 1 m 54 s

HR: 126 bpm

Protocol: Bruce

Stage: Recovery(1)

Speed: 1 mph

Grade: 0 %

(THR: 167 bpm)

E.P.: 140 / 80

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

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

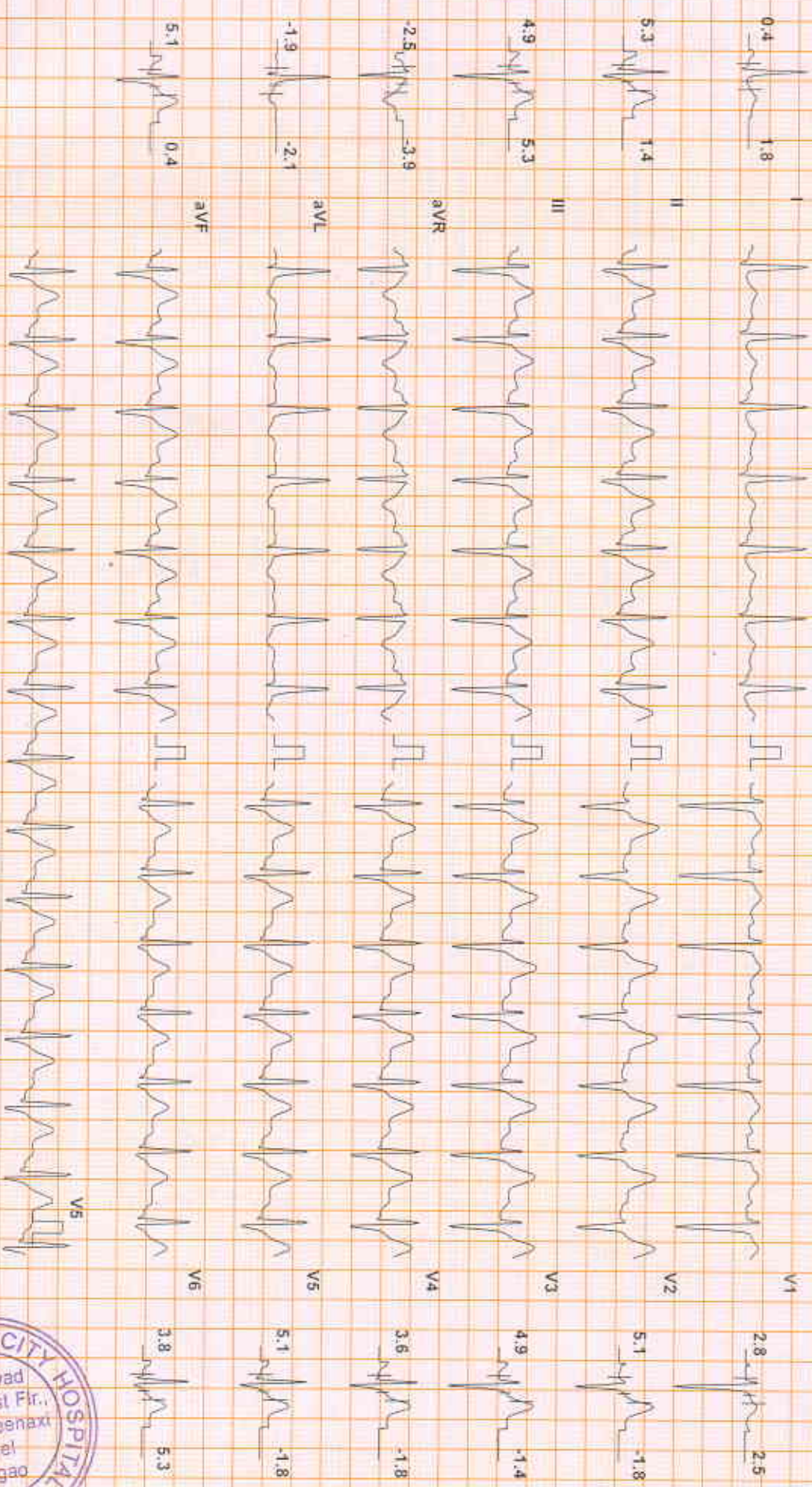


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 5 mm

iso = R - 60 ms

J = R + 60 ms

Pap/J = 1 + 60 ms

Scanner Standard V 4.57

Linked Median



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Vivek Borkar (34 M)

ID: 1097

Date: 23-Mar-24

Exec Time : 9 m 44 s Stage Time : 1 m 54 s HR: 111 bpm

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

Grade: 0 %

(THR: 157 bpm)

R.P.: 140 / 80

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

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

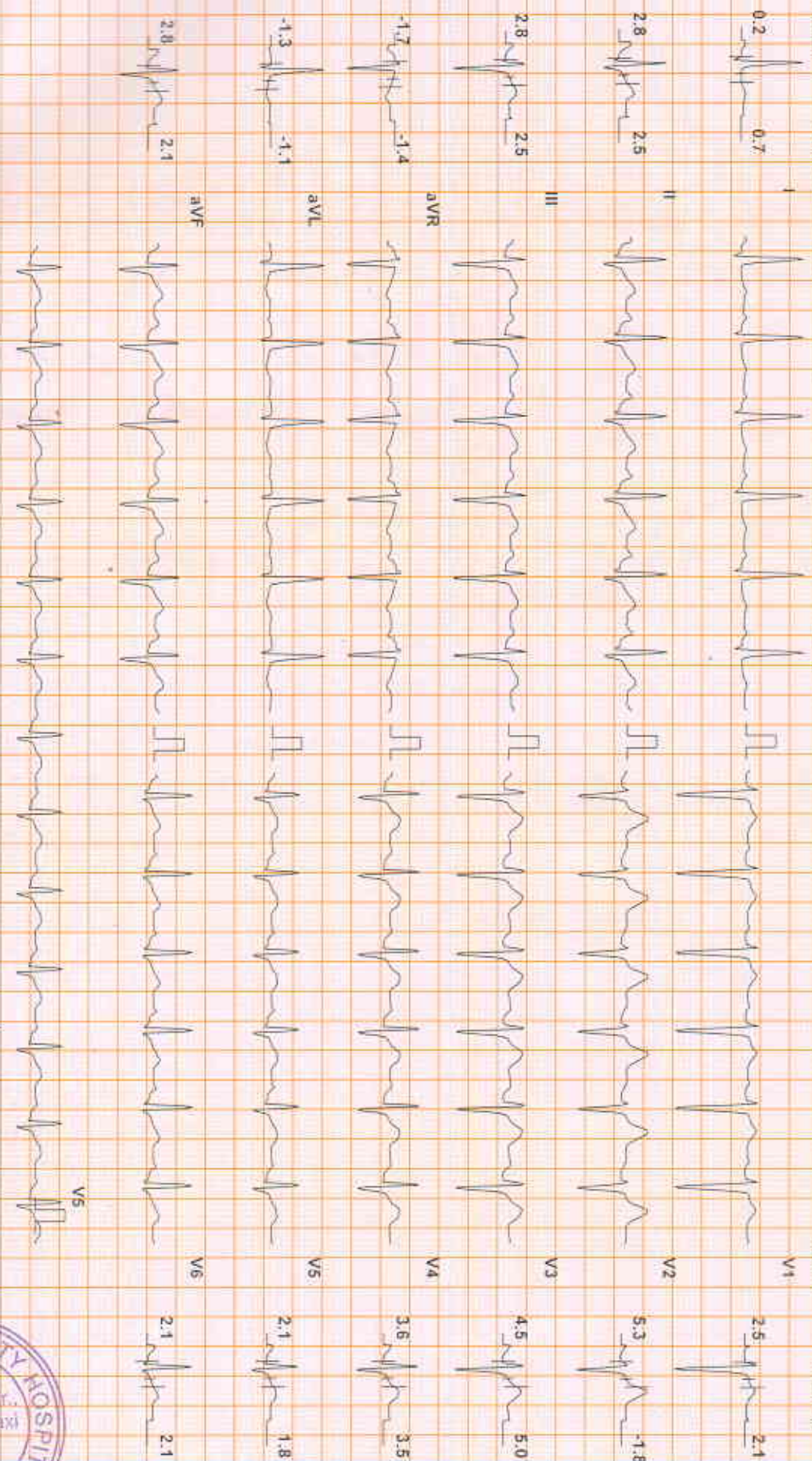


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 5 mm

ISO = R - 60 ms

J = R + 50 ms

Pack J = V + 60 ms

Schiller Spacelab V 4.51

Linked Median



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Vivek Borikar (34 M)

ID: 1097

Date: 23-Mar-24

Exec Time: 9 m 44 s

Stage Time: 1 m 54 s

HR: 104 bpm

Protocol: Bruce

Stage Recovery(s)

Speed: 0 mph

Grade: 0 %

(THR: 167 bpm)

B.P: 130/80

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

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

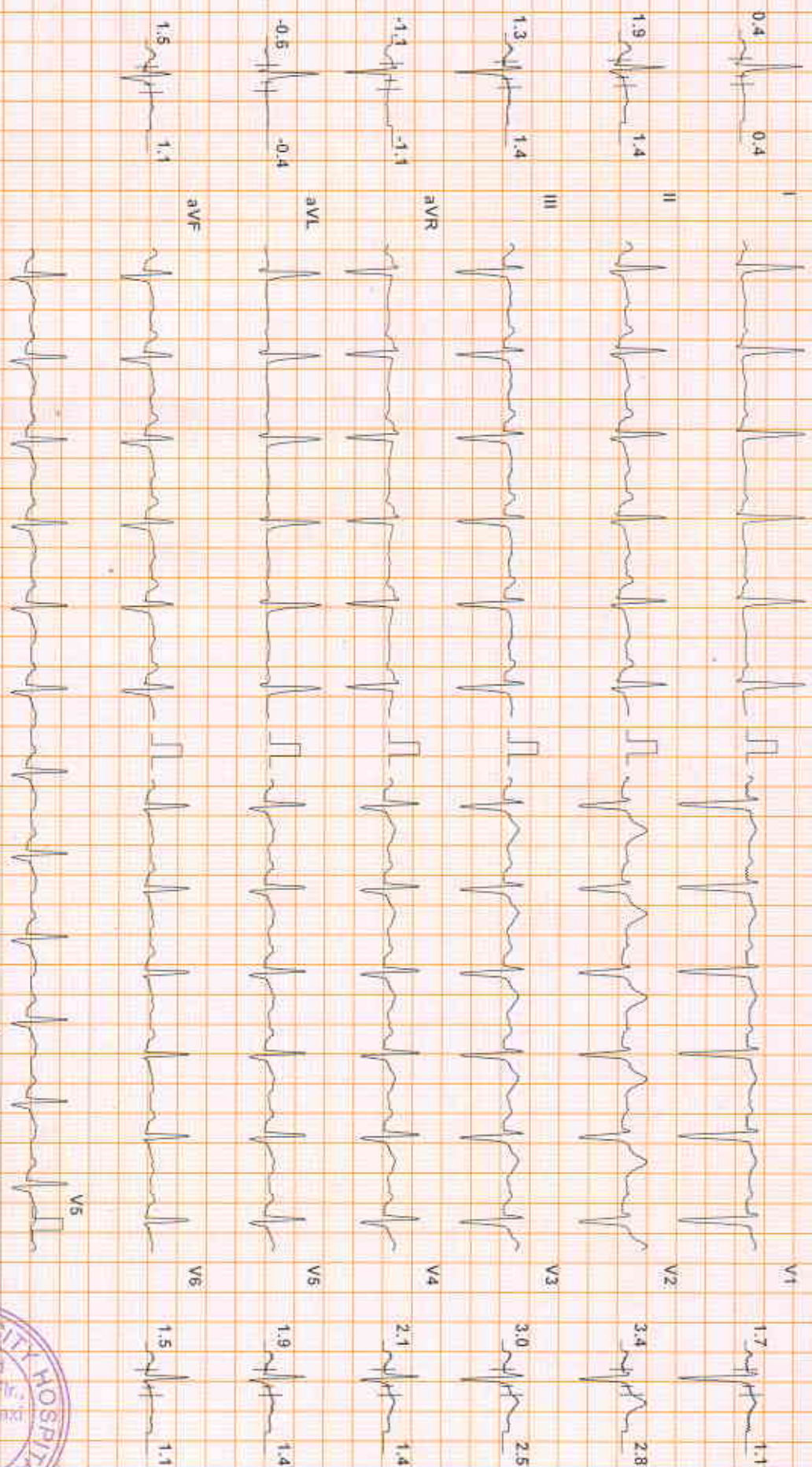


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filter: ON

Amp: 5 mm

f₅₀ = R - 60 ms

f₅₀ = R + 60 ms

Post f = J + 40 ms

Model: Standard V 4 51

Linked Median



Vivek Borikar (34 M)

CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Protocol: Bruce

ID: 1097

Date: 23-Mar-24

Exec Time: 9 m 44 s

Stage: Recovery(4)

Speed: 0 mph

Grade: 0 %

(THR: 167 bpm)

B.P: 130/80

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

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

0.4 0.4 I

1.7 1.1 V1

1.9 1.4 II

3.4 2.8 V2

1.3 1.4 III

3.0 2.5 V3

1.1 1.1 aVR

2.1 1.4 V4

-0.6 -0.4 aVL

1.9 1.4 V5

1.5 1.1 aVF

1.5 1.1 V6

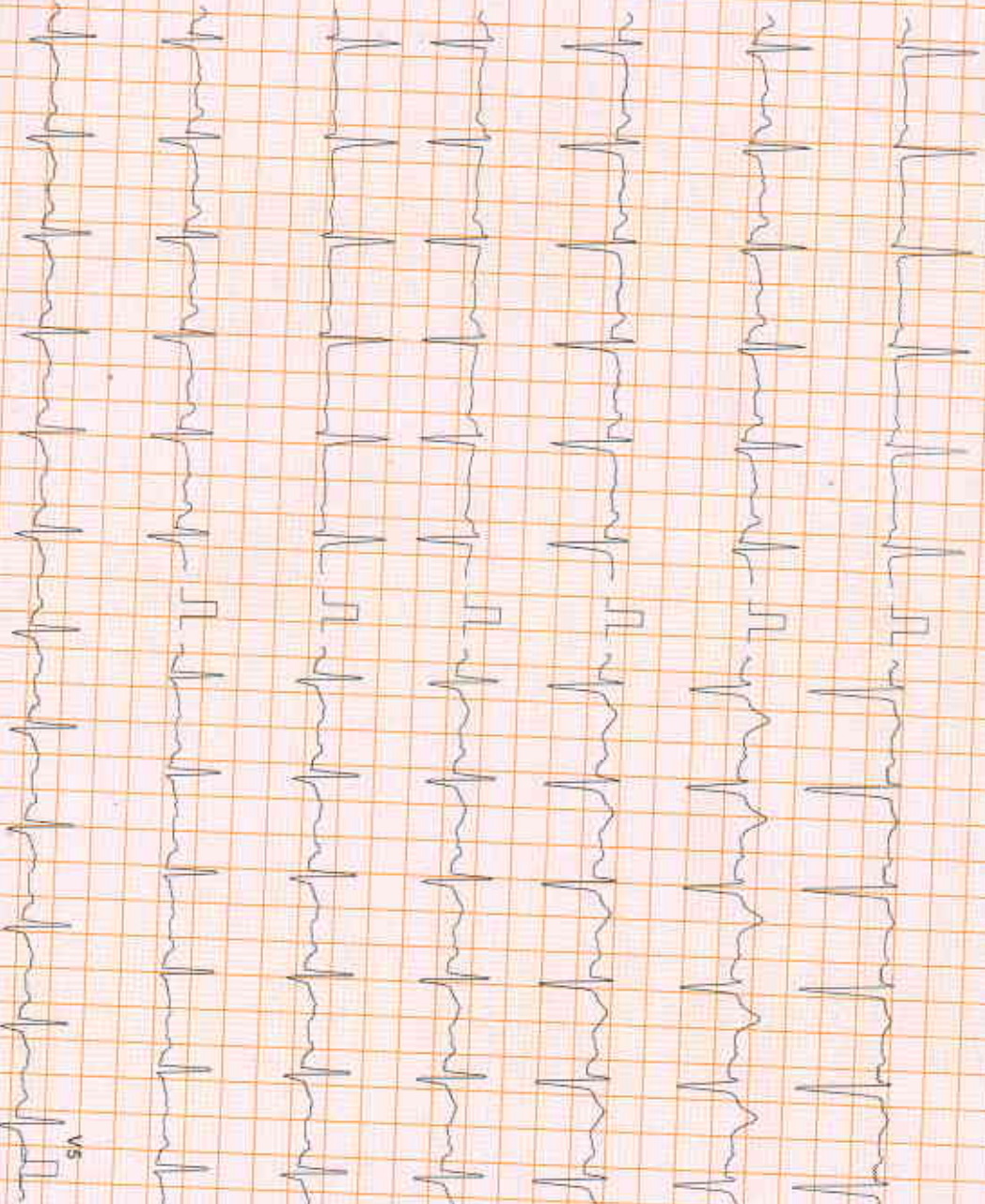


Chart Speed: 25 mm/sec
Scholar Speed/VA 57

Filter: 35 Hz

Mains Fil: ON

Amp: 5 mm

f₅₀ = R - 50 cps

f₁ = R + 60 cps

Pos₁ = J + 50 cps

Linked Median

