

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. Rajiva Kumar

44 yrs/M

Date: 23-03-2024

REF. BY: MEDI WHEEL

BLOOD BIOCHEMISTRY

TEST	PATIENT'S VALUE	NORMAL RANGE
Fasting Blood Glucose	101.0 mg./dl	70-110 mg./dl
Post Prandial Glucose	142.0 mg./dl	Upto 145 mg./dl
RFT		
Blood Urea	30.0 mg./dL	14-40mg./dL
Serum Creatinine	0.8 mg./dL	0.5-1.4mg./dL
Serum Uric Acid	3.1 mg./dL	M: 2.4-7.0 F: 2.4-6.0mg./dL
BUN	14.0 mg./dl	5-25 mg/dl
LFT		
Total Bilirubin	0.7 mg./dL	0.2-1.0 mg./dL
Direct Bilirubin	0.2 mg./dL	0.1-0.2 mg./dL
Indirect Bilirubin	0.5 mg./dL	Up to 0.8 mg/dl
S.G.P.T	26.0 Units/L	0-49 units/L
S.G.O.T	21.0 Units/L	0-46 units/L
Alkaline Phosphatase	191.0 Units/L	108-306 units/L
Total Protein	7.0 gm./dL	6-8 gm.dL
Albumin	4.0 gm./dL	3.5-5.5gm./dL
Globulin	3.0 gm./dL	1.8-3.6gm/dL
A/G	1.3	1.2-2.1
LIPID PROFILE		
Serum Cholesterol	189.0 mg./dL	25- 260 mg./dL
Serum Triglycerides	125.0 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	124.0 mg./dL	Upto 145 mg./dL
Total Chol/HDL Chol Ratio	4.4	2-5
LDL Chol/HDL Chol Ratio	2.7	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	13.2 gm%	(13.0-18)	(11.5-16.5)
PCV	42.0 cc%	(40-50)	(37-47)
ESR(westergren's method)	05 mm/hr	(up to 15)	(up to 20)
R.B.C COUNT	5.1 millions/cmm	(4.5-6.0)	(4.0-5.5)

Erthrocytes Indices

MCH	28 pg	27-32
MCHC	35 %	32-36
MCV	90 cu-microns	82-92
Platelet Count	2,02,000 cells/cmm	(150,000-500,000)
Total W.B.C Count	7,100 /cmm	(4,000-10,000)

Differential Count

Neutrophils	62 %	(50-70)
Lymphocytes	30 %	(20-50)
Eosinophils	05 %	(0-8)
Basophils	00 %	(0-2)
Monocytes	05 %	(0-8)



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EXAMINATION OF URINE

PHYSICAL EXAMINATION

Colour ... Pale yellow

Odour ... Ammonical

Appearance Clear

pH. 6.05

Sp. Gravity ...1.015

Deposits ...Nil

CHEMICAL EXAMINATION

Albumin ... Absent

Sugar ... Absent

Ketone bodies ...Nil

BilirubinNil

Occult Blood ... Nil

Urobilinogen.... Nil

MICROSCOPIC EXAMINATION

Pus cells/HPF 1-2

R.B.C.s /HPF Nil

Epithelial Cells/HPF ... 1-2

Crystals/HPFNil

Casts/HPFNil

OTHER FINDINGS : Nil



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NAME: Mr. Rajiva Kumar

44 yrs/M

Date: 23-03-2024

REF. BY: MEDI WHEEL

General Examination & Lifestyle

Height: 173cms

Weight: 76kgs BMI : 25.4

B.P: 120/80mHg Diet : Mix

Pulse Rate: 80per 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	195	80 - 200	ng/dL
T4	4.9	4.8-12.7	µg/dl
TSH	3.58	0.55 – 4.78	µIU/ml

Sample : Serum.

Method : FULLY AUTOMATED ELFA METHOD

REPORT

<i>TEST</i>	<i>PATIENT'S VALUE</i>	<i>REFERANCE RANGE</i>
PROSTATE SPECIFIC ANTIGEN (PSA) (TECHNOLOGY C.L.I.A)	0.33 ng/mL	Normal : < 4.00 ng/ml Border line : 4.01 to 10.00 ng/ml

GLUCOSE TEST

<u>Time</u>	<u>Blood Sugar</u>	<u>Urine sugar</u>
'0' Hrs (fasting)	101.0 mg/dl	Nil
2Hrs.after Breakfast	142.0 mg/dl	Nil



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TEST	RESULT	UNITS	NORMAL RANGE
GLYCOSYLATED HB (HbA1c) (A.B.G – 115.0 mg/dl)	5.8	%	Normal : Up to 6% Good control : 6-7 % Fair control : 7-8 % Unsatisfactory: 8-10 % Poor control : > 10

EYE CHECKUP :

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

HEMATOLOGY

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



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Pathologist/Analyst

Dr. Madkaikar's
CITY HOSPITAL

23/03/24

Mr. Ravi Kumar

44 yrs.

Teeth missing $\frac{\quad}{6/6}$

Teeth filled $\frac{16/67}{87/8}$

& required

- Refilly $\frac{\quad}{7/1}$

- RCT $\frac{\quad}{1/7}$

- PD $\frac{\quad}{6/6}$

- scaling



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

CITY ULTRASOUND CLINIC

Dr Madkaiker's City hospital
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Isidor Baptista road,
Margao- Goa 403601

Name: Mr.Rajiva Kumar Ref By-Mediwheel
Age: 44yrs/ 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*9.05 cm.
Good corticomedullary Reaction.
Left kidney -measures 5.07* 08.05 cm
Echotexture is normal.
No hydropherosis.
- PARA AORTIC REGION** : Appears Normal
- URINARY BLADDER** : is normal. Bladder is empty.
- PROSTATE** : Normal in echotexture.
Prostate volume: 18.01cc

IMPRESSION: NO SIGNIFICANT ABNORMALITY DETECTED.



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NAME: Mr. Rajiva Kumar

44 yrs/M

Date: 23-03-2024

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.

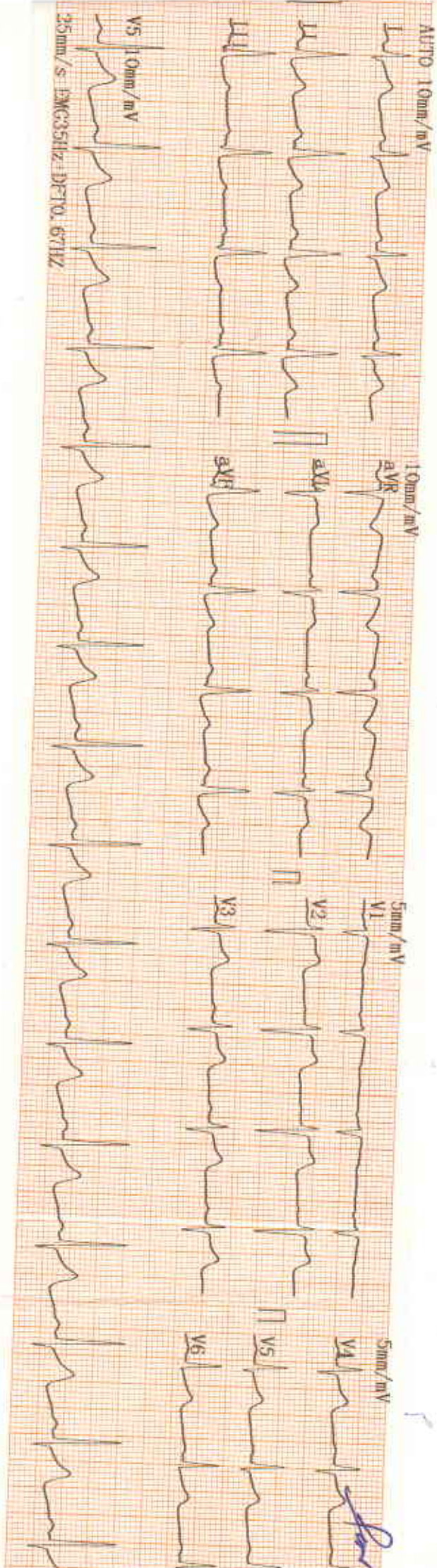
Cardiac aortic Silhouette is normal

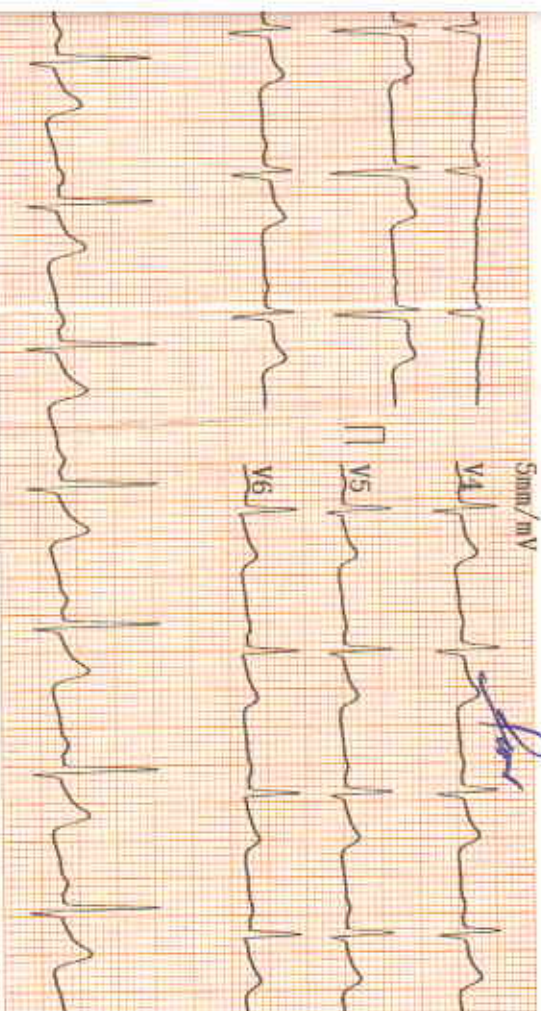
Soft tissues of the chest wall and Bony cage are normal.

Impression: Normal



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





Summ/mV

2024-03-23 08:55

ID :
 Name : rajiva kumar
 Sex : Male Age : 44
 Height : cm Weight : kg
 SYS : mmHg
 DIA : mmHg
 HR : 80 bpm
 PR Interval : 167 ms
 P Duration : 118 ms
 QRS Duration : 75 ms
 T Duration : 169 ms
 QT/QTc : 350/404 ms
 P/QRS/T Axis : 50.2/77.1/6.2 deg
 R(V5)/S(V1) : 1.25/0.77 mV
 R(V5)+S(V1) : 2.02 mV

<< Conclusions >>

Normal Sinus Rhythm,
 Cardiac electric axis normal,
 ST depression, possibly a predictor for Myocardial Ischemia

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

Physician

CITY LAB AND DIAGNOSTIC CENTRE

Patient Details Date: 23-Mar-24 Time: 10:56:08 AM
 Name: Rajiva Kumar ID: 1092
 Age: 44 y Sex: M Height: 173 cms Weight: 76 Kgs

Clinical History:

Medications:

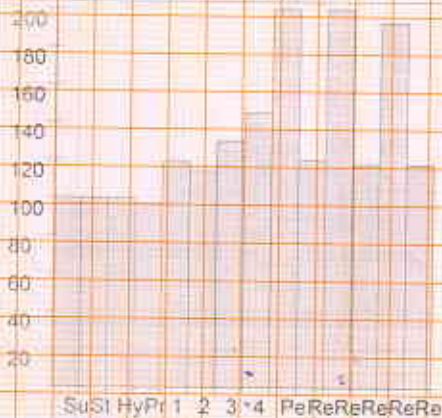
Test Details

Protocol: Bruce Pr.MHR: 176 bpm THR: 158 (90% of Pr.MHR) bpm
 Total Exec. Time: 13 m 17 s Max. HR: 269 (153% of Pr.MHR) bpm Max. Mets: 14.90
 Max. BP: 140 / 90 mmHg Max. BP x HR: 37650 mmHg/min Min. BP x HR: 8000
 Test Termination Criteria: Target HR attained

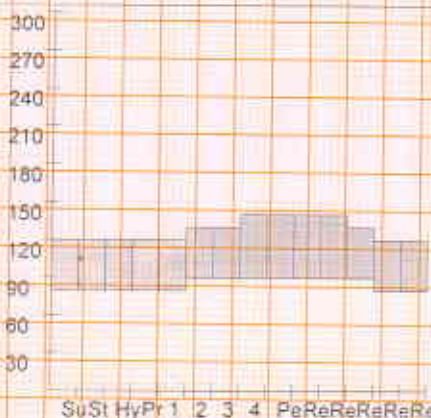
Protocol Details

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 : 44	1.0	0	0	100	120 / 80	-1.06 aVR	5.31 V2
Standing	0 : 9	1.0	0	0	100	120 / 80	-1.27 aVR	5.31 V2
Hyperventilation	0 : 12	1.0	0	0	100	120 / 80	-1.27 aVR	4.15 V2
1	3 : 0	4.6	1.7	10	110	120 / 80	-2.97 III	5.66 V2
2	3 : 0	7.0	2.5	12	114	130 / 90	-2.97 III	5.31 aVR
3	3 : 0	10.2	3.4	14	130	130 / 90	-5.52 aVF	5.66 V2
4	3 : 0	13.5	4.2	16	145	140 / 90	-4.25 III	5.66 V2
Peak Ex	1 : 17	14.9	5	18	231	140 / 90	-5.73 V4	5.66 V2
Recovery(1)	2 : 0	1.8	1	0	120	140 / 90	-5.73 V4	5.66 V2
Recovery(2)	2 : 0	1.0	0	0	269	140 / 90	-5.52 II	5.66 V5
Recovery(3)	2 : 0	1.0	0	0	118	130 / 90	-5.52 II	5.66 V2
Recovery(4)	2 : 0	1.0	0	0	193	120 / 80	-3.40 aVR	5.66 V2
Recovery(5)	0 : 45	1.0	0	0	118	120 / 80	-5.10 aVF	5.66 aVR

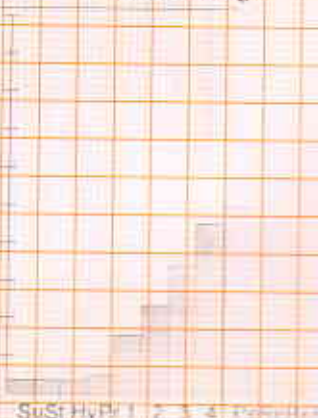
HR x Stage



BP x Stage



Mets x Stage



CITY LAB AND DIAGNOSTIC CENTRE

Patient Details

Date: 23-Mar-24

Time: 10:56:08 AM

Name: Rajiva Kumar ID: 1092

Age: 44 y

Sex: M

Height: 173 cms


Weight: 76 Kgs

Interpretation

The patient exercised according to the Bruce protocol for 13 m 17 s achieving a work level of Max. METS 14.90. Resting heart rate initially 100 bpm, rose to a max. heart rate of 269, (153% of Pr.MHR) bpm. Resting blood Pressure 120 / 80 mmHg, rose to a maximum blood pressure of 140 / 90 mmHg.

Normal TMT.




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

Ref. Doctor: Mediwheel

Doctor: -----

(Summary Report edited by user)

Test Report

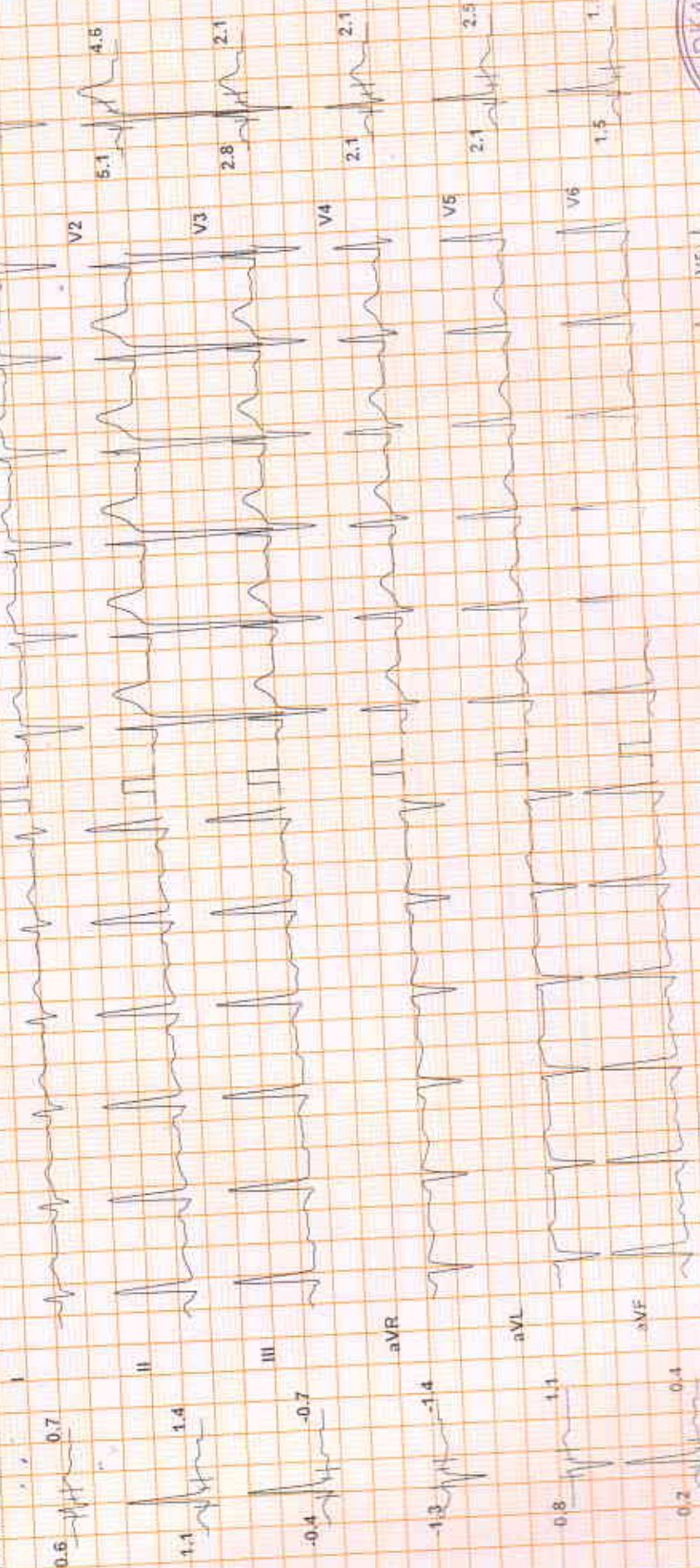
CITY LAB AND DIAGNOSTIC CENTRE

ID: 1092 Date: 23-Mar-24 Exec Time: 0 m 0 s Stage Time: 0 m 38 s HR: 101 bpm
 Protocol: Bruce Speed: 0 mph Grade: 0% (THR: 158 bpm) B.P: 120/80

Rajiva Kumar (44 M)

Protocol: Bruce

ST Level (mm) ST Slope (mV/s)
 0.6 0.7



HR: 101 bpm

Speed: 0 mph

Grade: 0%

Stage: Supine

Date: 23-Mar-24

ID: 1092

ST Level (mm)

ST Slope (mV/s)

City Lab and Diagnostic Centre

Margao

23-Mar-24

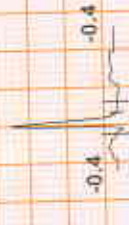
[Signature]

ID: 1092 Date: 23-Mar-24 Exec Time: 0 m 0 s Stage Time: 0 m 3 s HR: 101 bpm
 Protocol: Bruce Speed: 0 mph Grade: 0% (THR: 158 bpm) B.P: 120/80

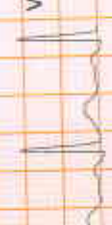
Rajiva Kumar (44 M)

Protocol: Bruce

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



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



Mains Filtr: CN Amp: 5 mm

Hz

CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Rajiva Kumar (44 M)

ID: 1092

Date: 23-Mar-24

Exec Time: 0 m 0 s

Stage Time: 0 m 6 s

HR: 94 bpm

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

Grade: 0 %

(THR: 158 bpm)

RR: 120 / 80

ST Level (mm)

ST Slope (mV / s)

0.8

1.4

0.8

1.4

-0.4

-0.7

-1.1

-2.1

0.8

1.1

0.7

1.9

0.7

5.5

5.7

3.2

2.5

2.1

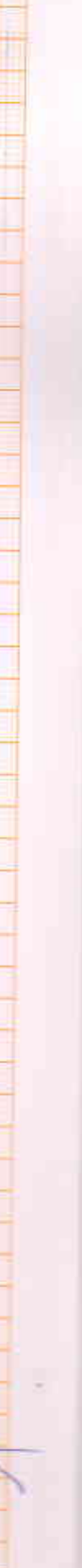
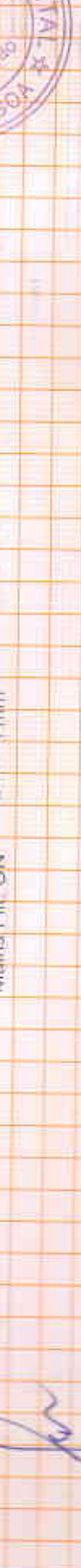
2.5

2.1

2.5

1.7

2.5



Mains Filtr: ON

5 mm



CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Rajiva Kumar (44 M) Date: 23-Mar-24 Exec Time: 2 m 54 s Stage Time: 2 m 54 s HR: 128 bpm

Protocol: Bruce Speed: 1.7 mph Grade: 10% (THR: 158 bpm) B.P.: 120/80

ID: 1092 Stage: 1 ST Level (mm) ST Slope (mV/s)

I 1.7 3.2 V1 2.1 0.7

II -0.2 2.1 V2 5.5 5.7

III -2.3 -1.8 V3 4.2 4.6

aVR -0.8 -2.8 V4 2.8 3.9

aVL 1.9 2.5 V5 2.3 3.2

aVF -1.3 0.4 V6 1.3 2.1

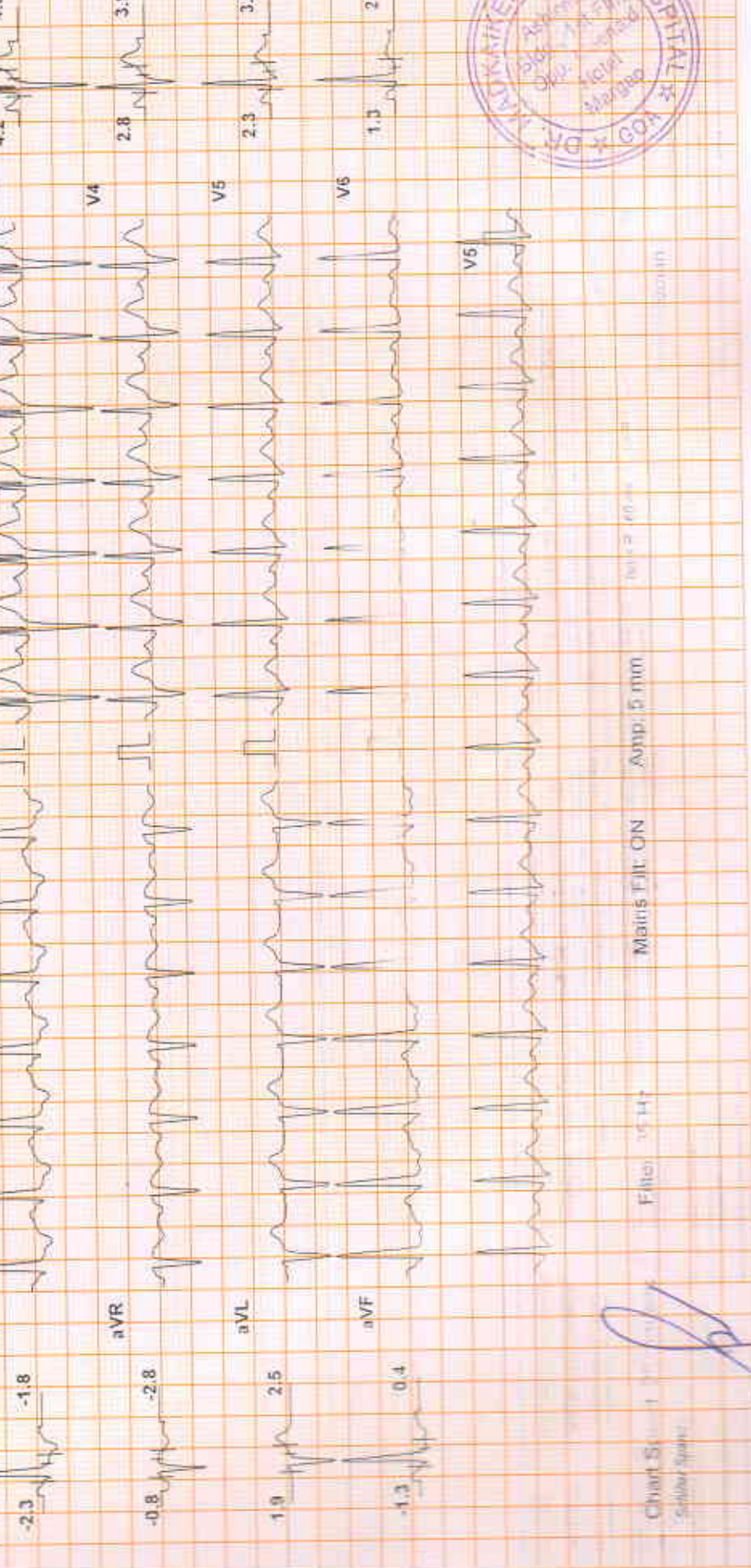


Chart No: 1092
Siddhar Singh

Filter: 15 Hz
Amp: 5 mm
Paper: 60 mm

CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Rajiva Kumar (44 M) ID: 1092 Date: 23-Mar-24 Exec Time: 5 m 54 s Stage Time: 2 m 54 s HR: 138 bpm
 Protocol: Bruce Stage: 2 Speed: 2.5 mph Grade: 12% (THR: 158 bpm) E.P.: 130 / 90

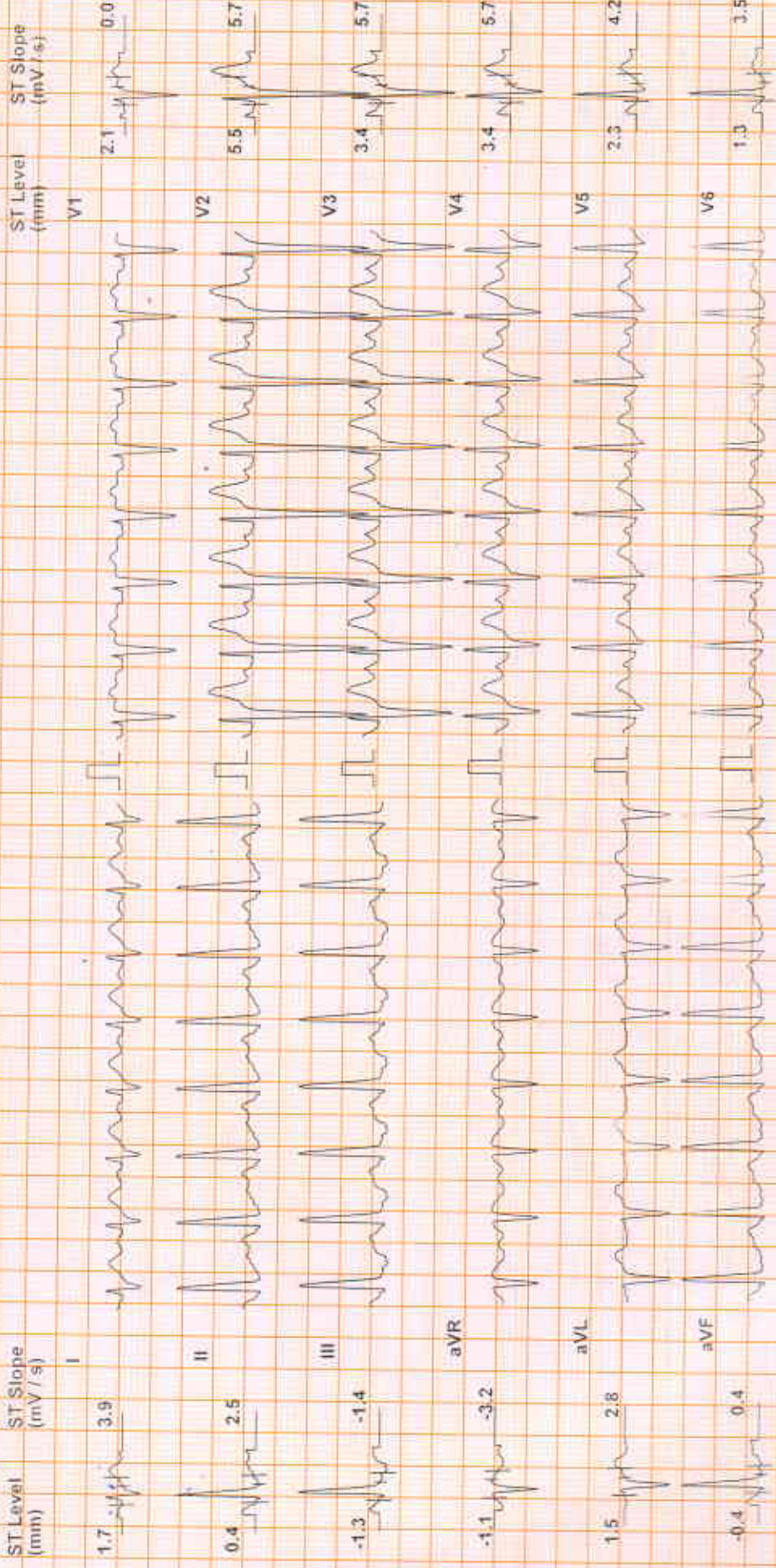


Chart Speed: 25 mm/sec Filter: Mains Fil: ON Amp: 5 mm Paper: R-50 mm

Signature: *[Handwritten Signature]*

CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Rajiva Kumar (44 M)

ID: 1092

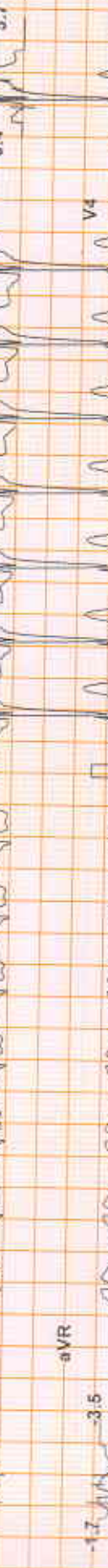
Date: 23-Mar-24 Exec Time : 8 m 54 s Stage Time : 2 m 54 s HR: 125 bpm
 Speed: 3.4 mph Grade: 14 % (THR: 158 bpm) B.P: 130/90

Protocol: Bruce

Stage 3

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

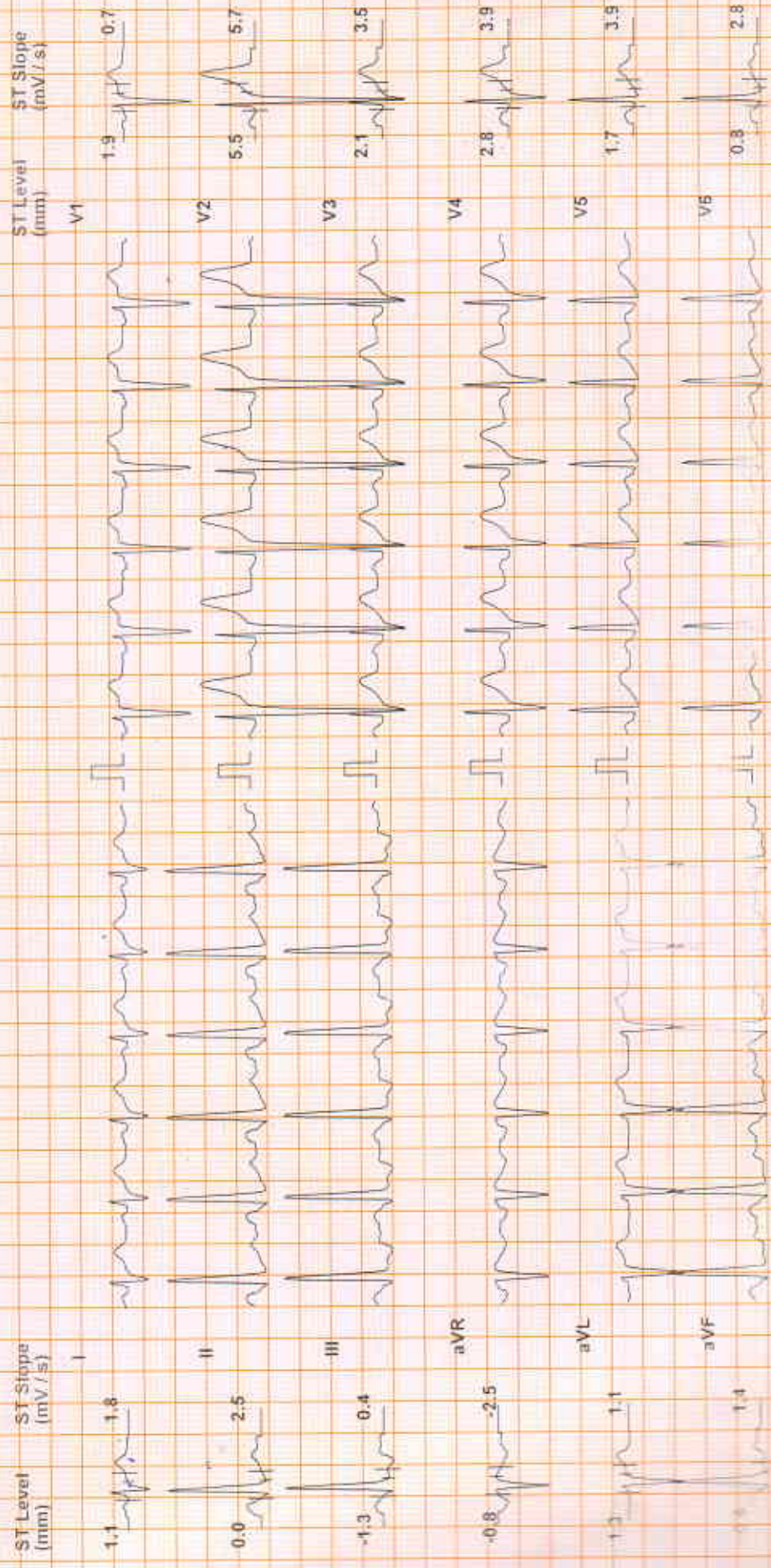
ST Level (mm) ST Slope (mV/s)



35 Hz Mains Filtr. ON Amp 10mm

Signature

Rajiva Kumar (44 M) ID: 1092 Date: 23-Mar-24 Exec Time: 11 m 54 s Stage Time: 2 m 54 s HR: 113 bpm
 Protocol: Bruce Stage: 4 Speed: 4.2 mph Grate: 16 % (THR: 158 bpm) B.P: 140/90



Mains: Fit ON Amp: 5 mm



[Handwritten signature]

Rajiva Kumar (44 M)

ID: 1092 Date: 23-Mar-24 Exec Time: 13 m 11 s Stage Time: 1 m 11 s HR: 183 bpm

Protocol: Bruce

Stage: Peak Ex

Speed: 5 mph

Grade: 18%

THR: 158 bpm

B.P. 140/90

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

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

I 3.2 3.2

V1 0.4 3.2

II 3.9 3.9

V2 4.2 0.7

III 0.0 0.0

V3 1.5 3.5

aVR -4.0 -3.9

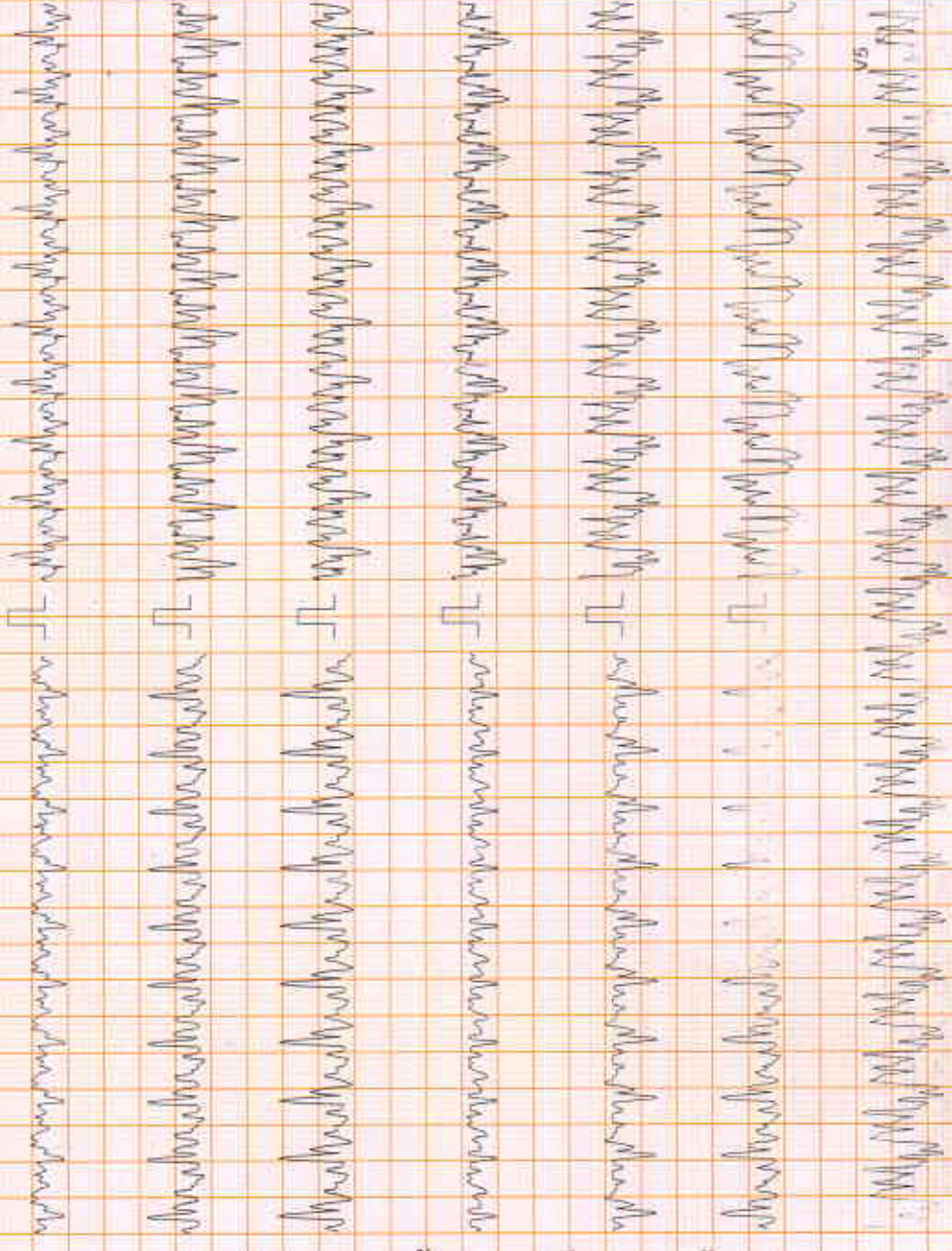
V4 -1.1 0.7

aVL -0.1 1.4

V5 3.0 -5.0

aVF 0.0 0.0

V6 0.3 2.8



[Handwritten Signature]

Mains Filtr ON

35 Hz



CITY LAB AND DIAGNOSTIC CENTRE

Rajiva Kumar (44 M)

Test Report

ID: 1092 Date: 23-Mar-24 Exec Time: 13 m 11 s Stage Time: 1 m 11 s HR: 183 bpm
 Stage: Recovery (1) Speed: 5 mph Grade: 18% (THR: 158 bpm) B.P.: 140/90

ST Level (mm)	ST Slope (mV/s)	ST Level (mm)	ST Slope (mV/s)
2.1	3.2	V1	0.4
5.7	3.9	V2	4.2
3.2	0.0	V3	1.5
4.0	3.9	V4	-1.1
0.4	1.4	V5	3.0
0.0	0.0	V6	0.8

[Handwritten Signature]

Mains Fit: ON



ID: 1052 Date: 23-Mar-24 Exec Time: 13 m 11 s Stage Time: 1 m 11 s HR: 183 bpm
 Protocol: Bruce ST Level (mm) ST Slope (mV/s) ST Level (mm) ST Slope (mV/s)
 Stage Recovery (Z) Speed 5 mph Grade: 18% (THR: 158 bpm) B.P.: 140/80

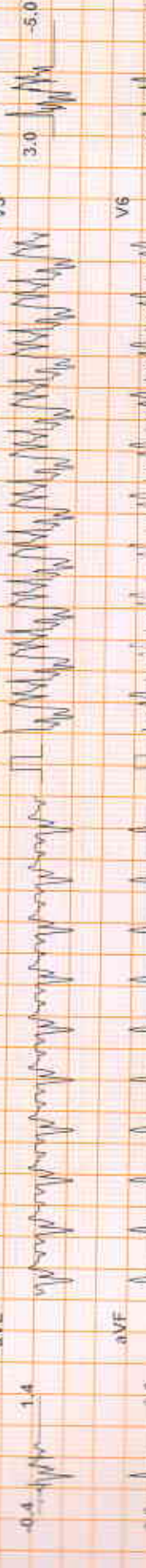
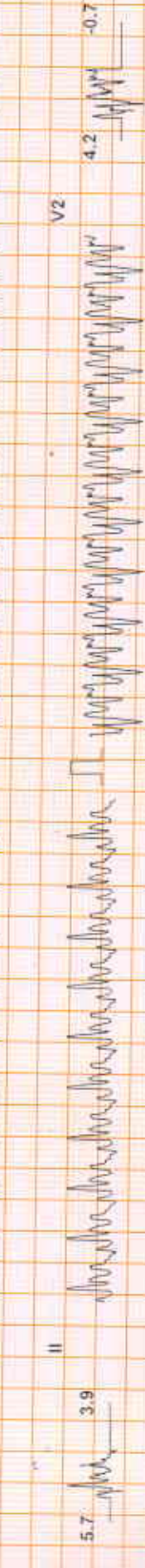


Chart Speed: 25 mm/sec Filter: 35 Hz Mains: 50 Hz Amp: 5 mm Paper: 1 m
 Signal: 0.1 mV



[Signature]

CITY LAB AND DIAGNOSTIC CENTRE

Test Report

Rajiva Kumar (44 M) ID: 1092 Date: 23-Mar-24 Exec Time: 13 m 11 s Stage Time: 1 m 11 s HR: 183 bpm

Protocol: Bruce Stage Recovery(3) Speed: 5 mph Grade: 18% (THR: 158 bpm) B.P: 140/90

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

I 2.1 3.2 0.4 -3.2

II 5.7 3.9 4.2 -0.7

III 3.2 0.0 1.5 3.5

aVR -4.0 -3.9 -1.1 0.7

aVL -0.4 1.4 3.0 -5.0

aVF 3.6 0.0 0.8 2.8

V1 V2 V3 V4 V5 V6

Mains: Filtr: ON Anti:

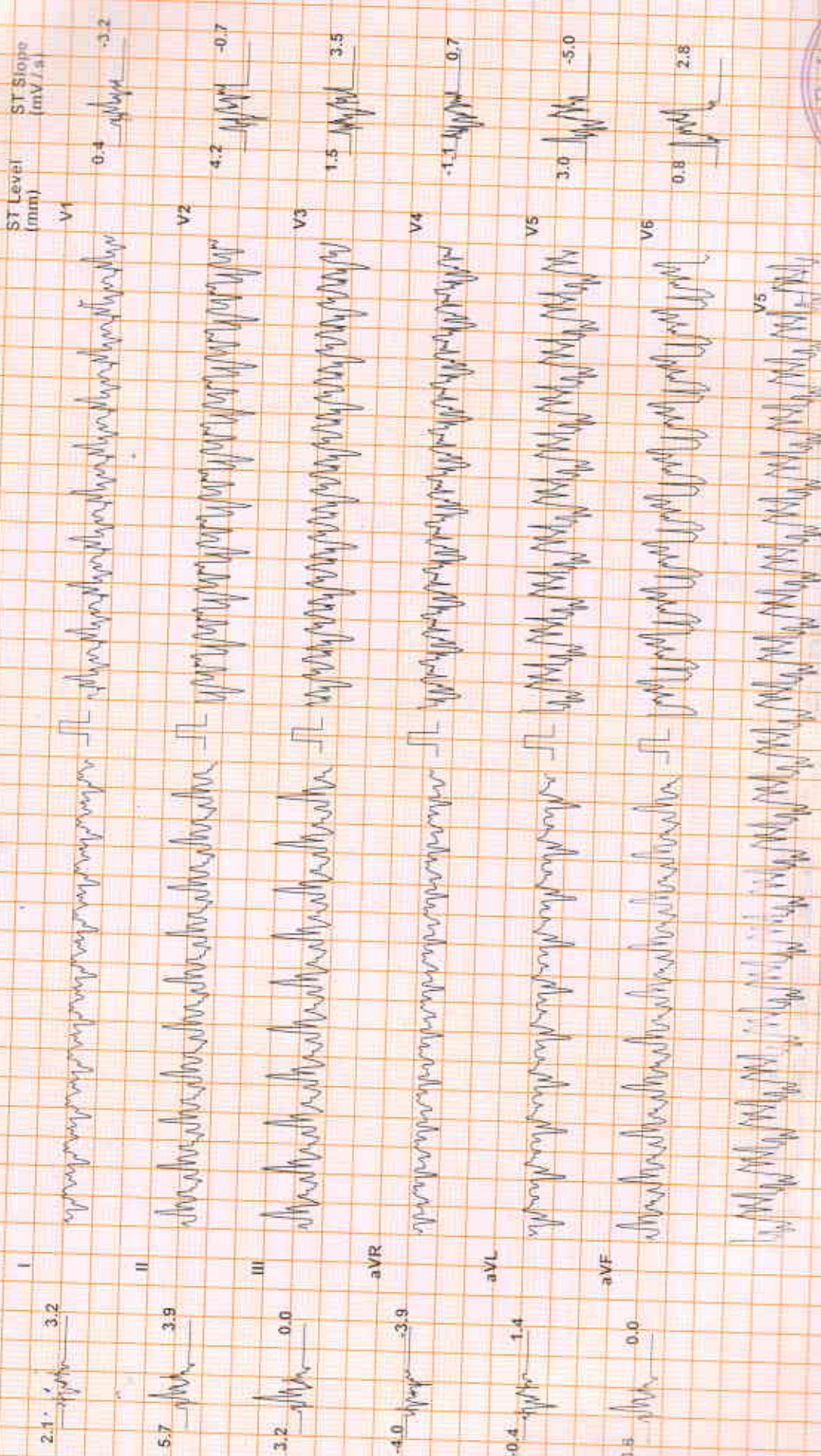


CITY LAB AND DIAGNOSTIC CENTRE

Rajiva Kumar (44 M)

Test Report

Protocol: Bruce
 Date: 23-Mar-24
 Stage: Recovery(4)
 Speed: 5 mph
 Grade: 18 %
 Exec Time: 13 m 11 s
 HR: 183 bpm
 THR: 158 bpm
 B.P: 140/90



[Signature]



Mains Filtr: ON
 Amp: 5mm