

Patient Details

Date: 2/24/2022

Time: 12:04:19 PM

Name: mr suraj lal ID: b020325871

Age: 46 y

Sex: M

Height: -- cms

Weight: -- Kgs

Clinical History: not found

Medications: not any

Test Details

Protocol: Bruce

Pr.MHR: 174 bpm

THR: 156 (90 % of Pr.MHR) bpm

Total Exec. Time: 6 m 10 s

Max. HR: 118 (68% of Pr.MHR)bpm

Max. Mets: 10.20

Max. BP: 124 / 82 mmHg

Max. BP x HR: 14632 mmHg/min

Min. BP x HR: 6162 mmHg/min

Test Termination Criteria: thr achieved

Protocol Details

Stage Name	Stage Time (min : sec)	Mets	Speed (mph)	Grade (%)	Heart Rate (bpm)	Max. BP (mm/Hg)	Max. ST Level (mm)	Max. ST Slope (mV/s)
Supine	0 : 26	1.0	0	0	83	118 / 78	-0.21 aVR	1.77 V3
Standing	0 : 41	1.0	0	0	79	118 / 78	-0.21 aVR	1.95 V3
Hyperventilation	0 : 30	1.0	0	0	91	118 / 78	-0.21 aVR	1.77 V3
1	2 : 9	4.6	1.7	10	110	124 / 82	-0.85 aVR	2.65 V3
2	2 : 13	7.0	2.5	12	115	124 / 82	-1.49 aVR	3.18 II
Peak Ex	1 : 48	10.2	3.4	14	118	124 / 82	-1.91 II	-2.65 I
Recovery(1)	0 : 48	1.8	1	0	84	122 / 80	-0.96 aVR	2.30 V3
Recovery(2)	0 : 34	1.0	0	0	91	122 / 80	-0.96 aVR	1.95 V3
Recovery(3)	0 : 48	1.0	0	0	86	122 / 80	-0.96 aVR	1.95 V3
Recovery(4)	0 : 20	1.0	0	0	89	122 / 80	-0.64 aVR	1.59 V2

Interpretation

The patient exercised according to the Bruce protocol for 6 m 10 s achieving a work level of Max. METS : 10.20. Resting heart rate initially 83 bpm, rose to a max. heart rate of 118 (68% of Pr.MHR) bpm. Resting blood Pressure 118 / 78 mmHg, rose to a maximum blood pressure of 124 / 82 mmHg.

Ref. Doctor: B.O.B

(Summary Report edited by user)

Doctor: **Dr. Sudhakar Banerjee Das**MBBS(Hon), J. MD(Med),
Diploma in Cardiology, DNB (Cardiol)
RAC (10) - 242521 (W.M.C.)

(c) Schiller Healthcare India Pvt. Ltd. V 4.12

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 118 / 78

Protocol: Bruce

Stage: Supine

Speed: 0 mph

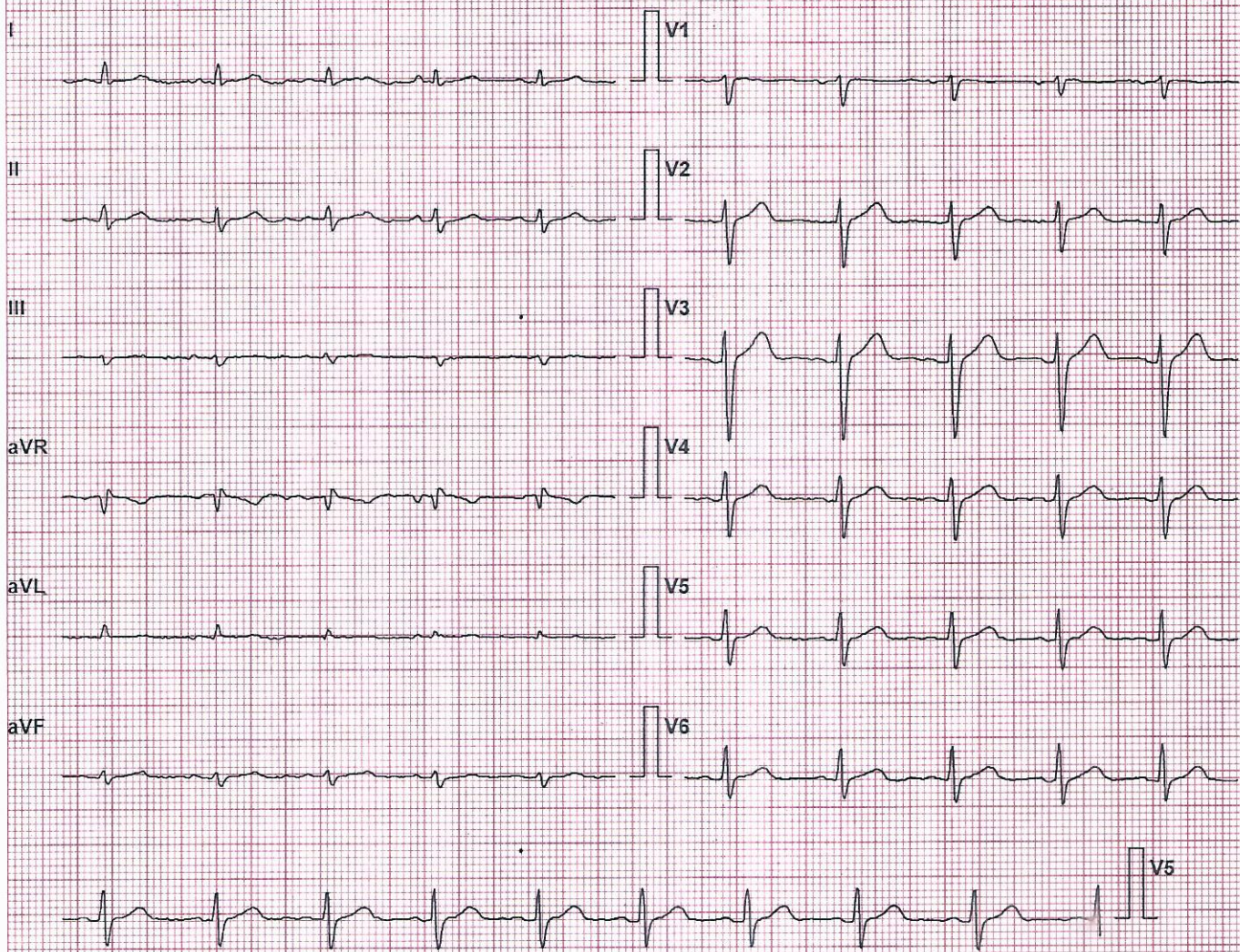
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 26 s

HR: 83 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.1	0.2
aVR	-0.2	0.0
V1	0.1	0.0
V4	0.6	0.5
II	0.3	0.2
aVL	0.0	0.0
V2	0.8	0.9
V5	0.4	0.2
III	0.0	0.0
aVF	0.1	0.0
V3	1.6	1.8
V6	0.4	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c) Schiller Healthcare India Pvt. Ltd. V 4.12

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 118 / 78

Protocol: Bruce

Stage: Standing

Speed: 0 mph

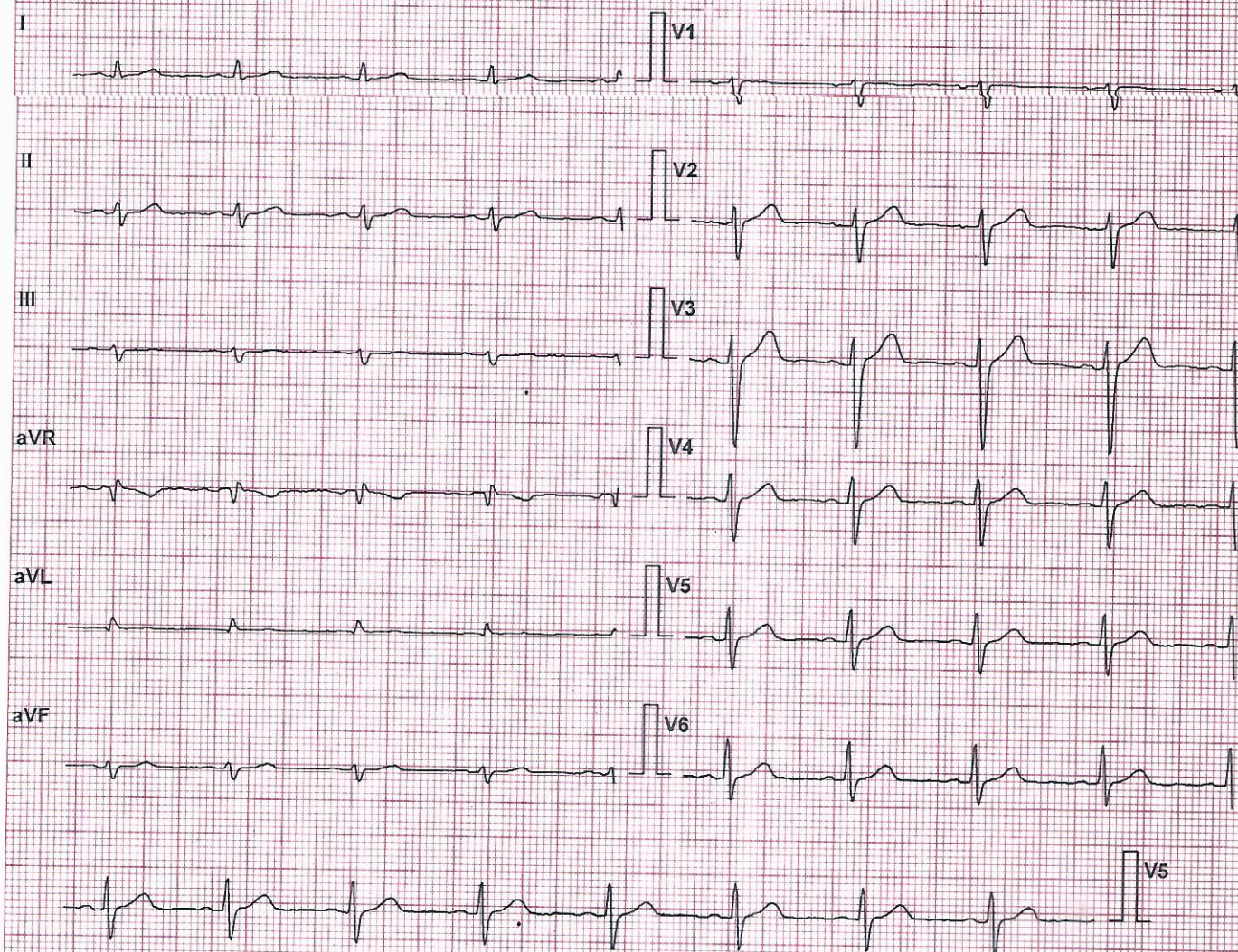
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 41 s

HR: 79 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.1	0.0
aVR	-0.1	0.0
V1	0.1	0.0
V4	0.5	0.5
II	0.2	0.2
aVL	0.0	0.0
V2	0.7	0.9
V5	0.4	0.4
III	0.0	0.0
aVF	0.0	0.0
V3	1.4	1.6
V6	0.4	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c) Schiller Healthcare India Pvt. Ltd. V 4.12

Iso = R - 60 ms J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 118 / 78

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

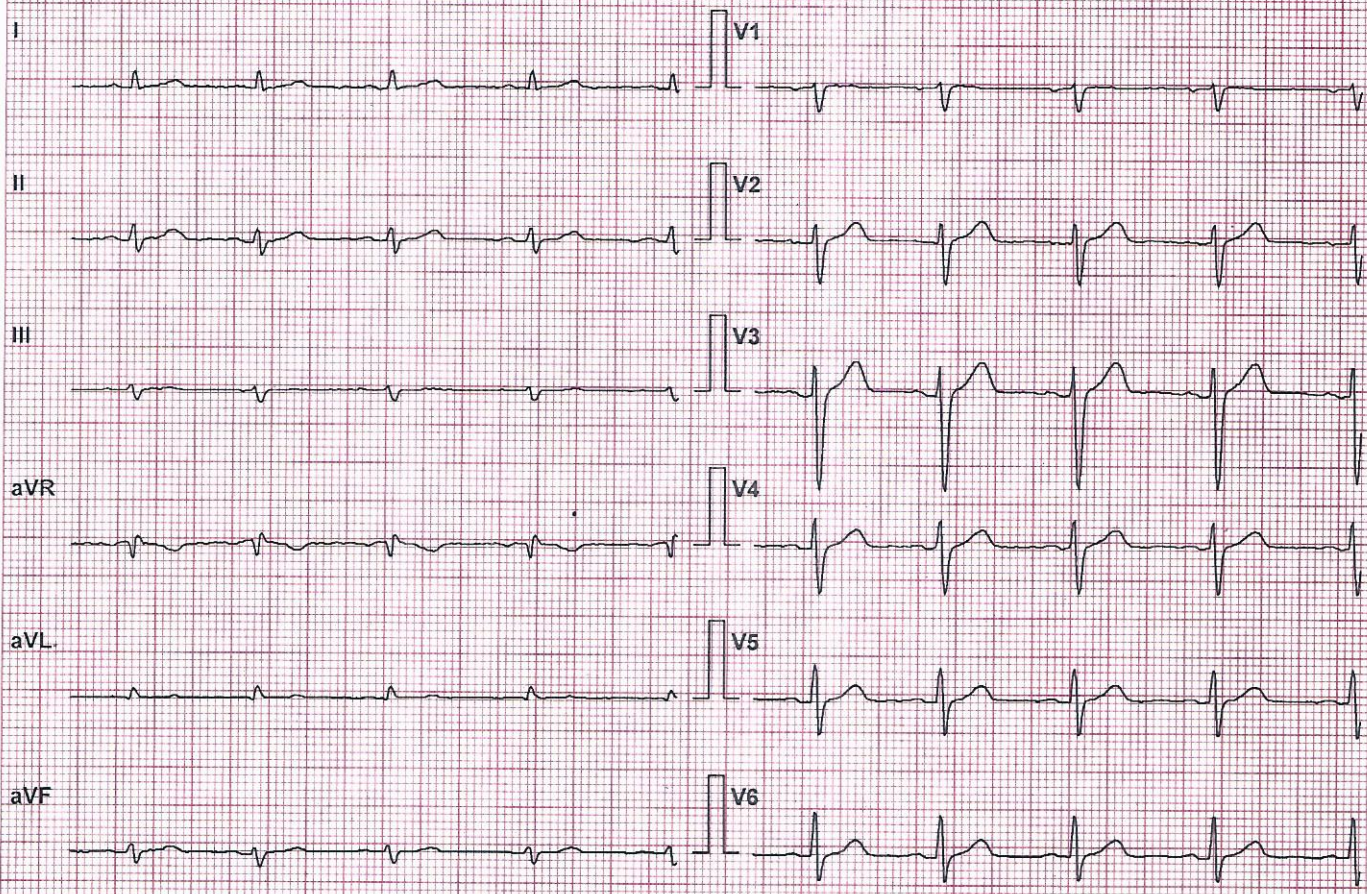
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 30 s

HR: 91 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.2	0.2
aVR	-0.2	-0.2
V1	0.1	-0.2
V4	0.6	0.5
II	0.3	0.2
aVL	0.0	0.0
V2	1.0	0.9
V5	0.5	0.4
III	0.0	0.0
aVF	0.1	0.0
V3	1.6	1.8
V6	0.5	0.5

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c)Schiller Healthcare India Pvt. Ltd. V.4.12

Iso = R - 60 ms J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 118 / 78

Protocol: Bruce

Stage: Pre Test

Speed: 0.5 mph

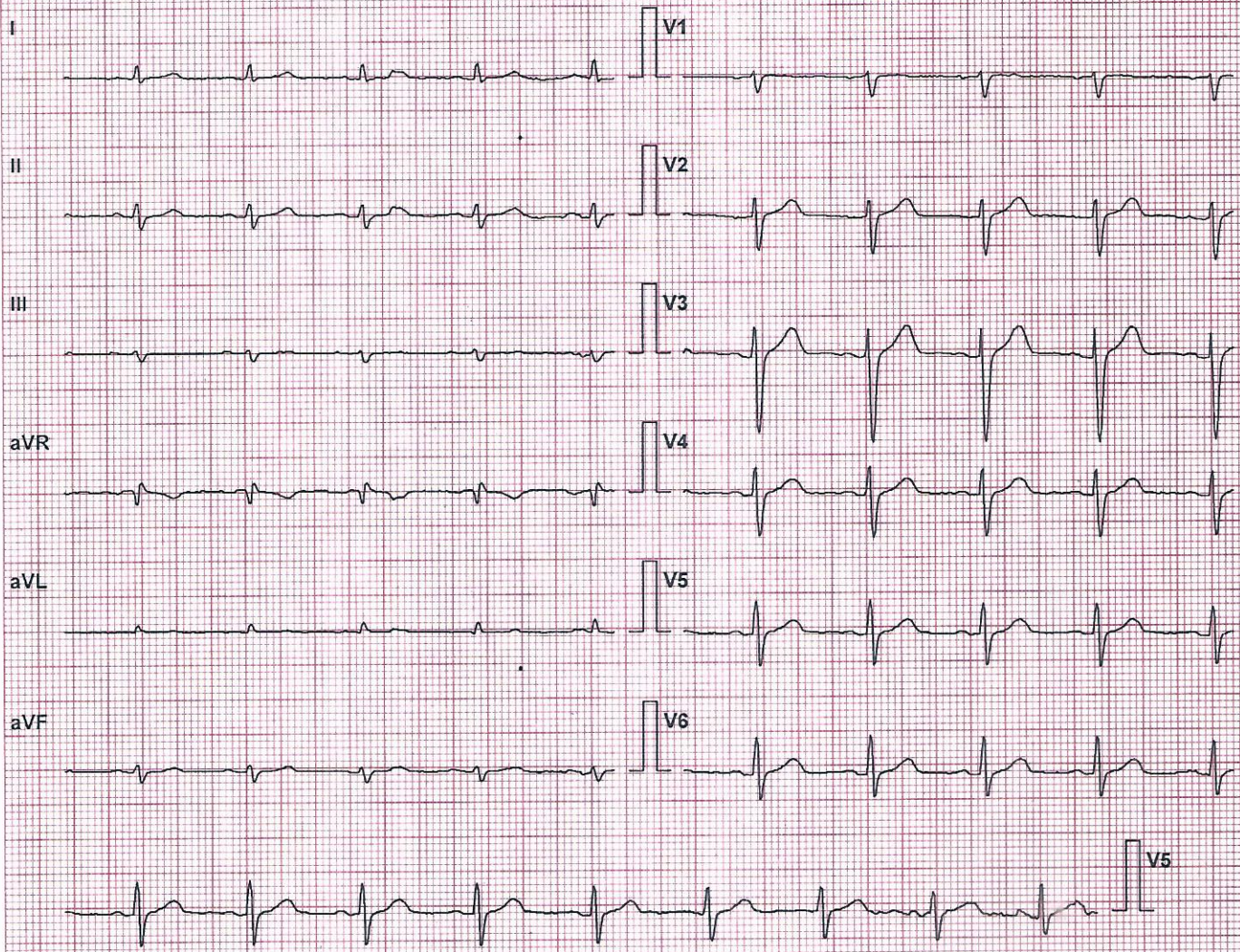
Grade: 0.5 %

Exec Time : 0 m 0 s

Stage Time : 0 m 0 s

HR: 91 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.2	0.2
aVR	-0.2	-0.2
V1	0.2	0.0
V4	0.7	0.7
II	0.3	0.2
aVL	0.0	0.0
V2	1.0	0.9
V5	0.6	0.5
III	0.1	0.0
aVF	0.2	0.0
V3	1.6	1.6
V6	0.5	0.5

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c) Schiller Healthcare India Pvt. Ltd. V 4.12

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 124 / 82

Protocol: Bruce

Stage: 1

Speed: 1.7 mph

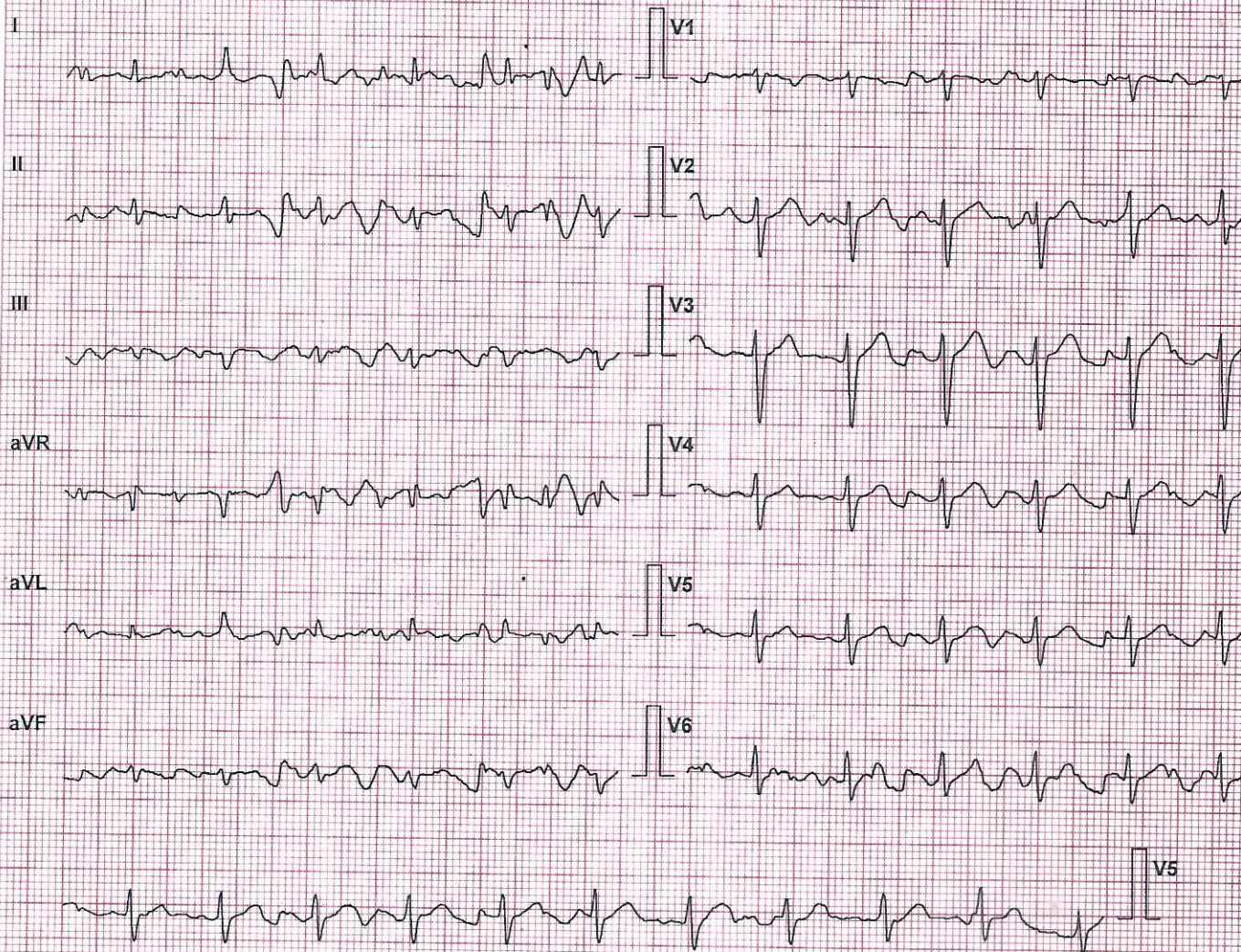
Grade: 10 %

Exec Time : 2 m 9 s

Stage Time : 2 m 9 s

HR: 110 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.5	0.9
aVR	-0.5	-1.1
V1	0.2	0.0
V4	1.0	1.1
II	0.7	1.4
aVL	0.1	0.2
V2	1.3	0.7
V5	0.8	0.9
III	0.1	0.2
aVF	0.4	0.7
V3	1.9	2.3
V6	0.5	0.7

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

(c) Schiller Healthcare India Pvt. Ltd. V 4.12

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 124 / 82

Protocol: Bruce

Stage: 2

Speed: 2.5 mph

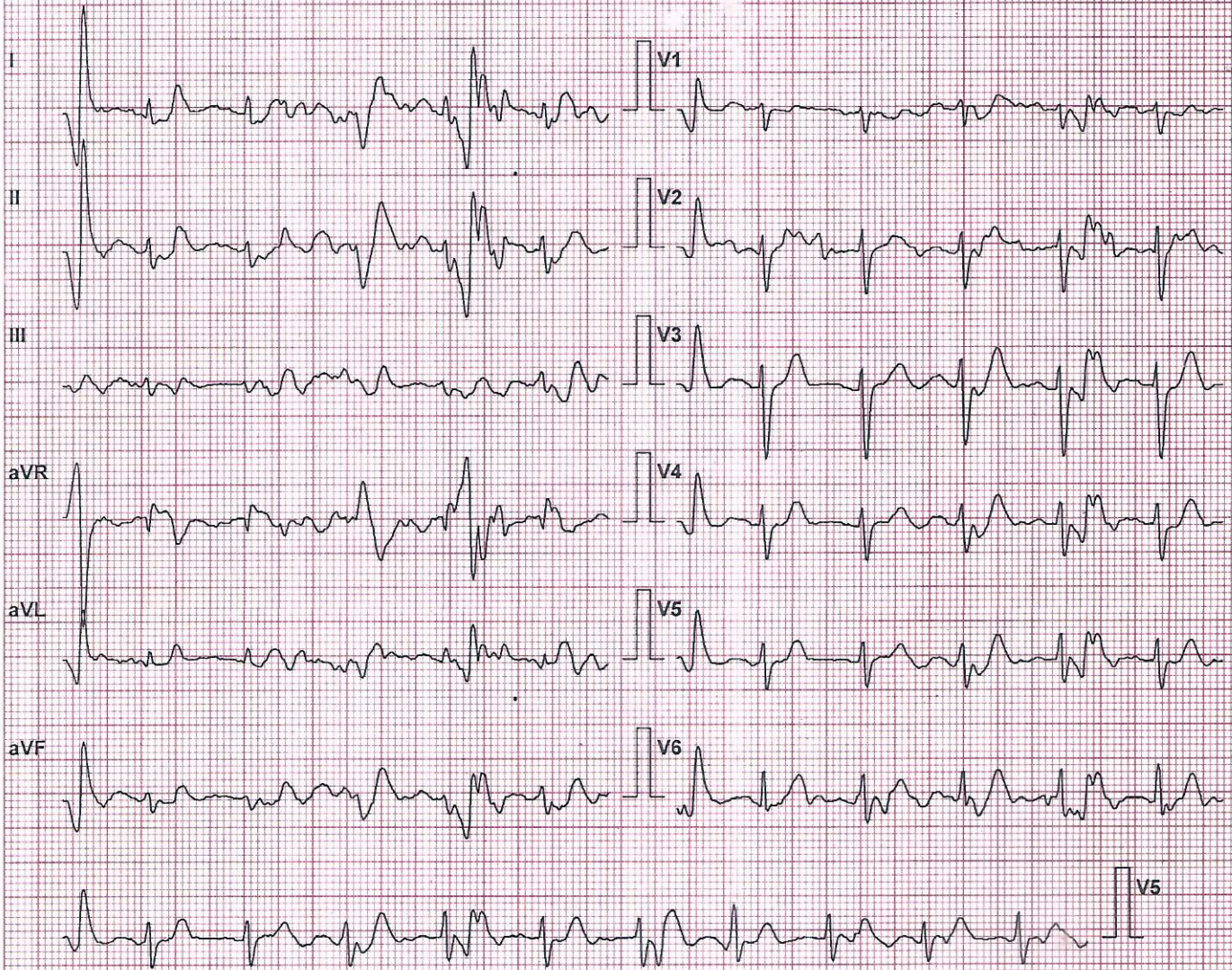
Grade: 12 %

Exec Time : 4 m 22 s

Stage Time : 2 m 13 s

HR: 115 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.5	1.1
aVR	-0.6	-1.1
V1	0.0	0.0
V4	1.0	1.1
II	0.6	0.9
aVL	0.2	0.5
V2	1.0	1.1
V5	0.7	0.7
III	0.0	0.0
aVF	0.2	0.2
V3	1.6	1.8
V6	0.5	0.5

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c) Schiller Healthcare India Pvt. Ltd. V 4.12

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 124 / 82

Protocol: Bruce

Stage: Peak Ex

Speed: 3.4 mph

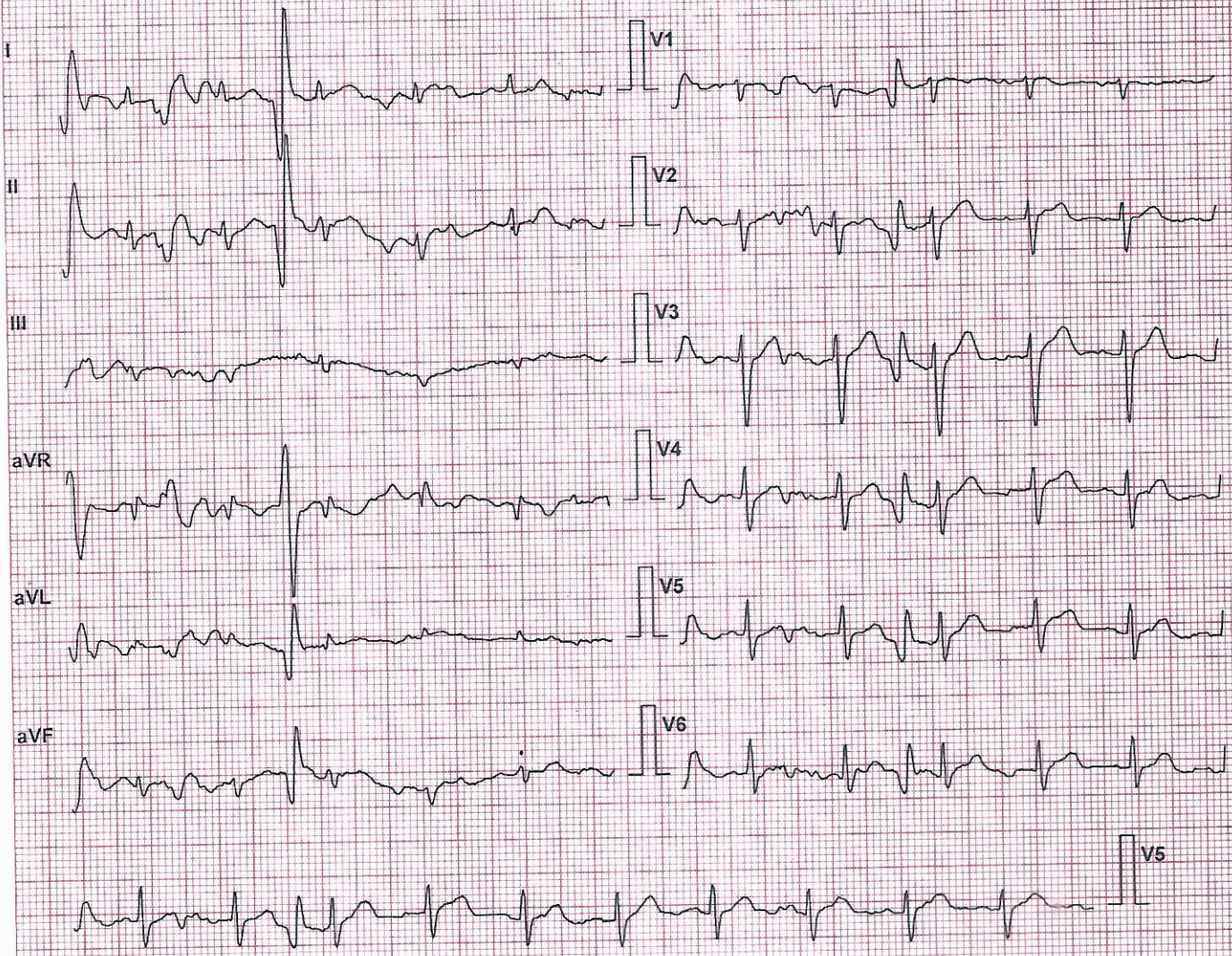
Grade: 14 %

Exec Time : 6 m 10 s

Stage Time : 1 m 48 s

HR: 118 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	1.0	0.5
aVR	-1.0	-0.4
V1	0.0	-0.4
V4	1.1	0.7
II	1.1	0.5
aVL	0.4	0.0
V2	1.3	1.2
V5	1.0	0.7
III	0.0	-0.2
aVF	0.4	0.2
V3	1.9	2.1
V6	1.0	0.7

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c)Schiller Healthcare India Pvt. Ltd. V 4.12

Iso = R - 60 ms J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 122 / 80

Protocol: Bruce

Stage: Recovery(1)

Speed: 0 mph

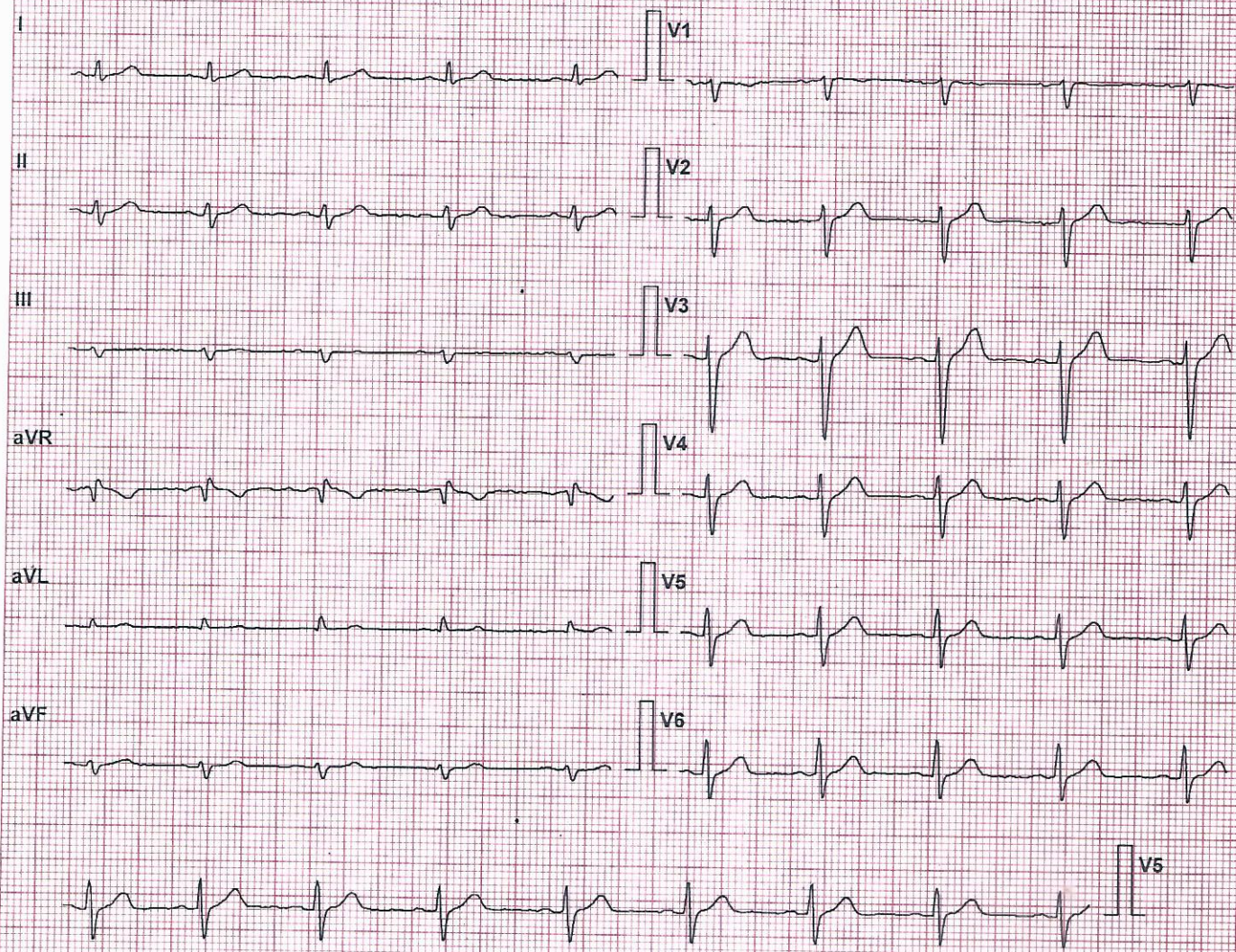
Grade: 0 %

Exec Time : 6 m 10 s

Stage Time : 0 m 48 s

HR: 84 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.1	0.2
aVR	-0.2	-0.2
V1	0.1	0.0
V4	0.7	0.7
II	0.2	0.2
aVL	0.0	0.0
V2	0.8	1.1
V5	0.6	0.7
III	0.0	0.0
aVF	0.1	0.0
V3	1.6	1.9
V6	0.5	0.5

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c) Schiller Healthcare India Pvt. Ltd. V 4.12

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 122 / 80

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

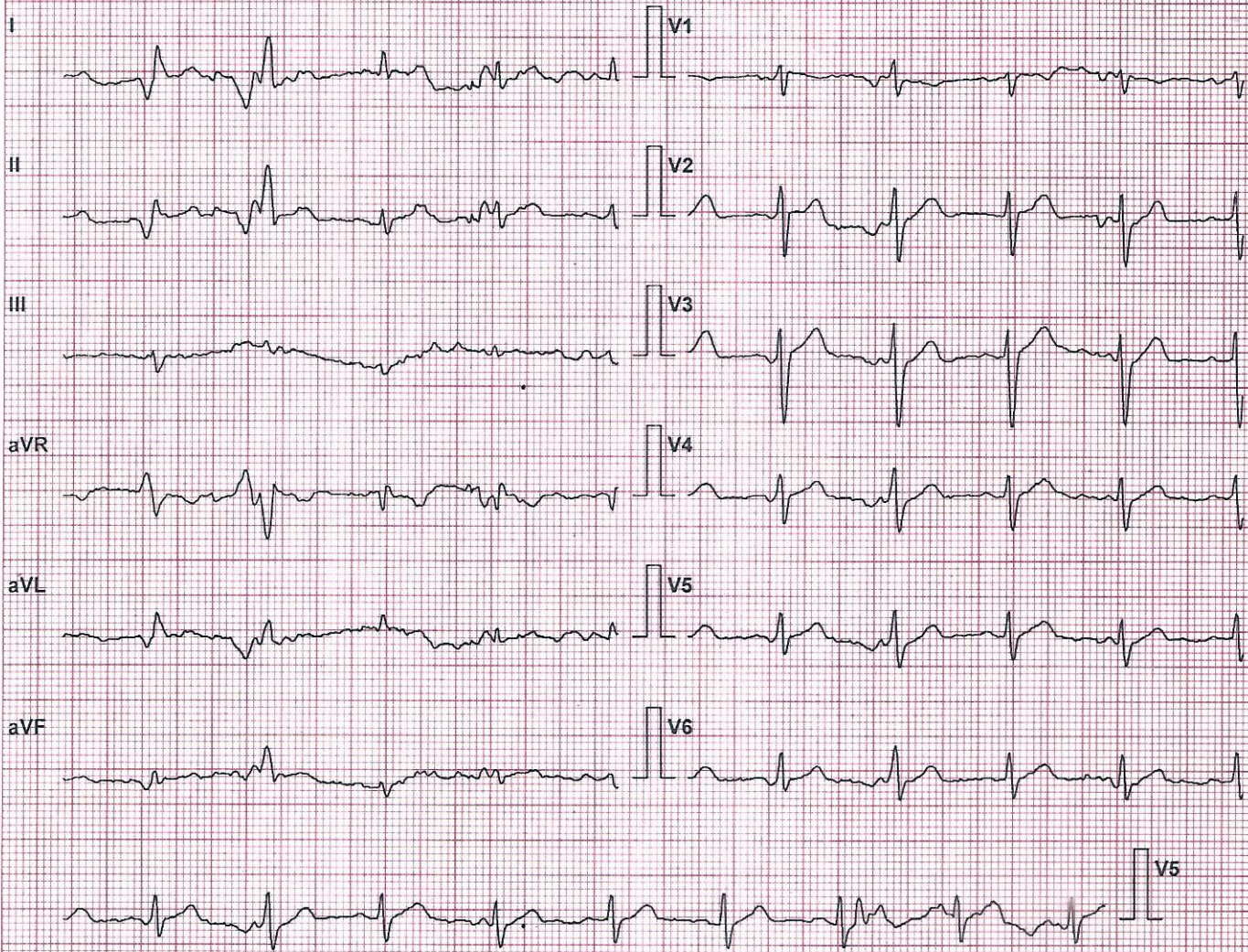
Grade: 0 %

Exec Time : 6 m 10 s

Stage Time : 0 m 34 s

HR: 91 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.8	0.9
aVR	-1.0	-1.1
V1	0.2	0.2
V4	1.0	1.1
II	1.0	1.1
aVL	0.2	0.2
V2	1.0	1.1
V5	0.8	1.2
III	0.1	0.2
aVF	0.6	0.9
V3	1.7	1.9
V6	1.1	1.2

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c)Schiller Healthcare India Pvt. Ltd. V 4.12

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 122 / 80

Protocol: Bruce

Stage: Recovery(3)

Speed: 0 mph

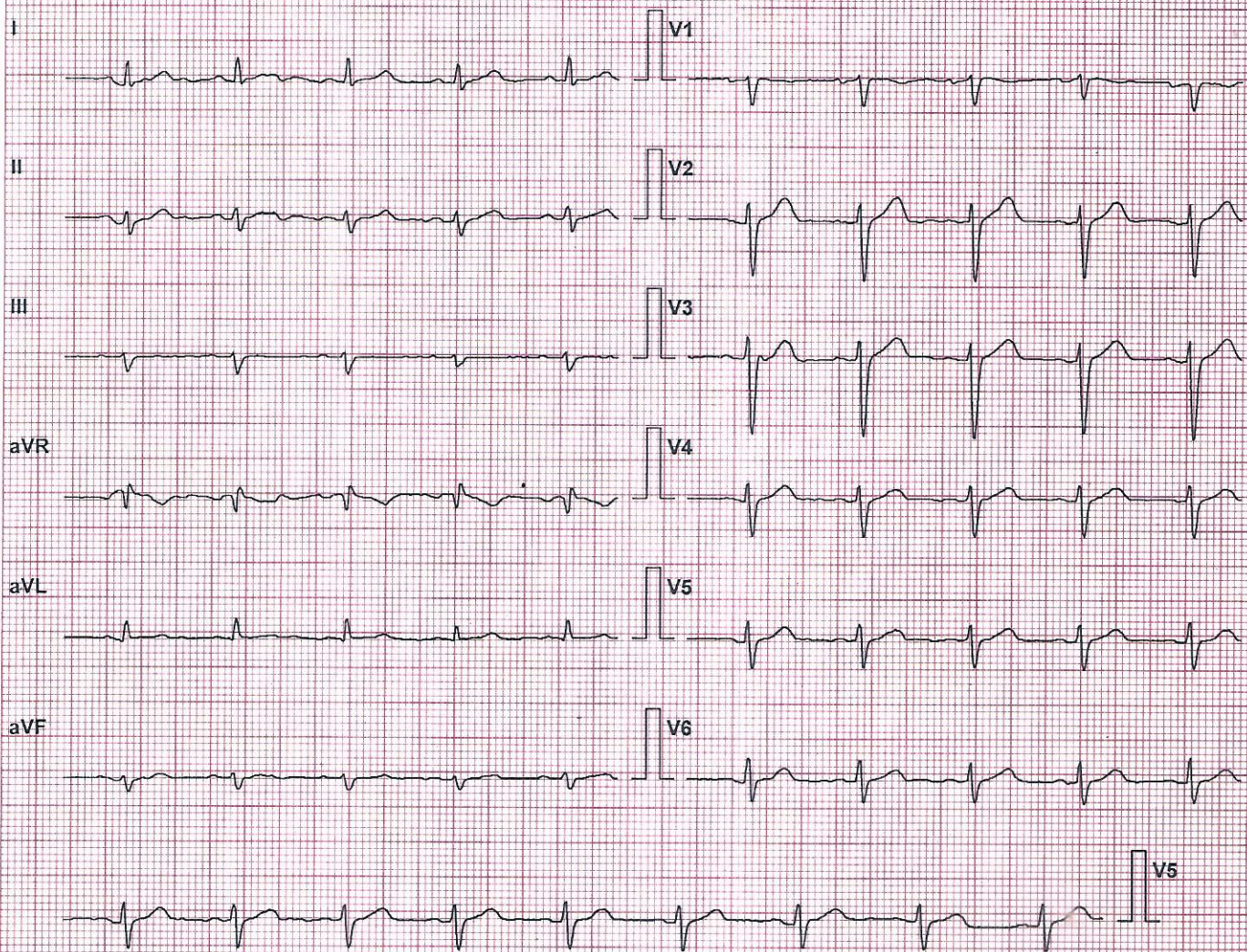
Grade: 0 %

Exec Time : 6 m 10 s

Stage Time : 0 m 48 s

HR: 86 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.2	0.4
aVR	-0.2	-0.4
V1	0.1	0.0
V4	0.4	0.4
II	0.2	0.2
aVL	0.1	0.2
V2	1.1	1.2
V5	0.4	0.5
III	0.0	0.0
aVF	0.0	0.0
V3	1.1	1.2
V6	0.3	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c)Schiller Healthcare India Pvt. Ltd. V.4.12

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

mr suraj lal (46 M)

ID: b020325871

Date: 2/24/2022

B.P: 122 / 80

Protocol: Bruce

Stage: Recovery(4)

Speed: 0 mph

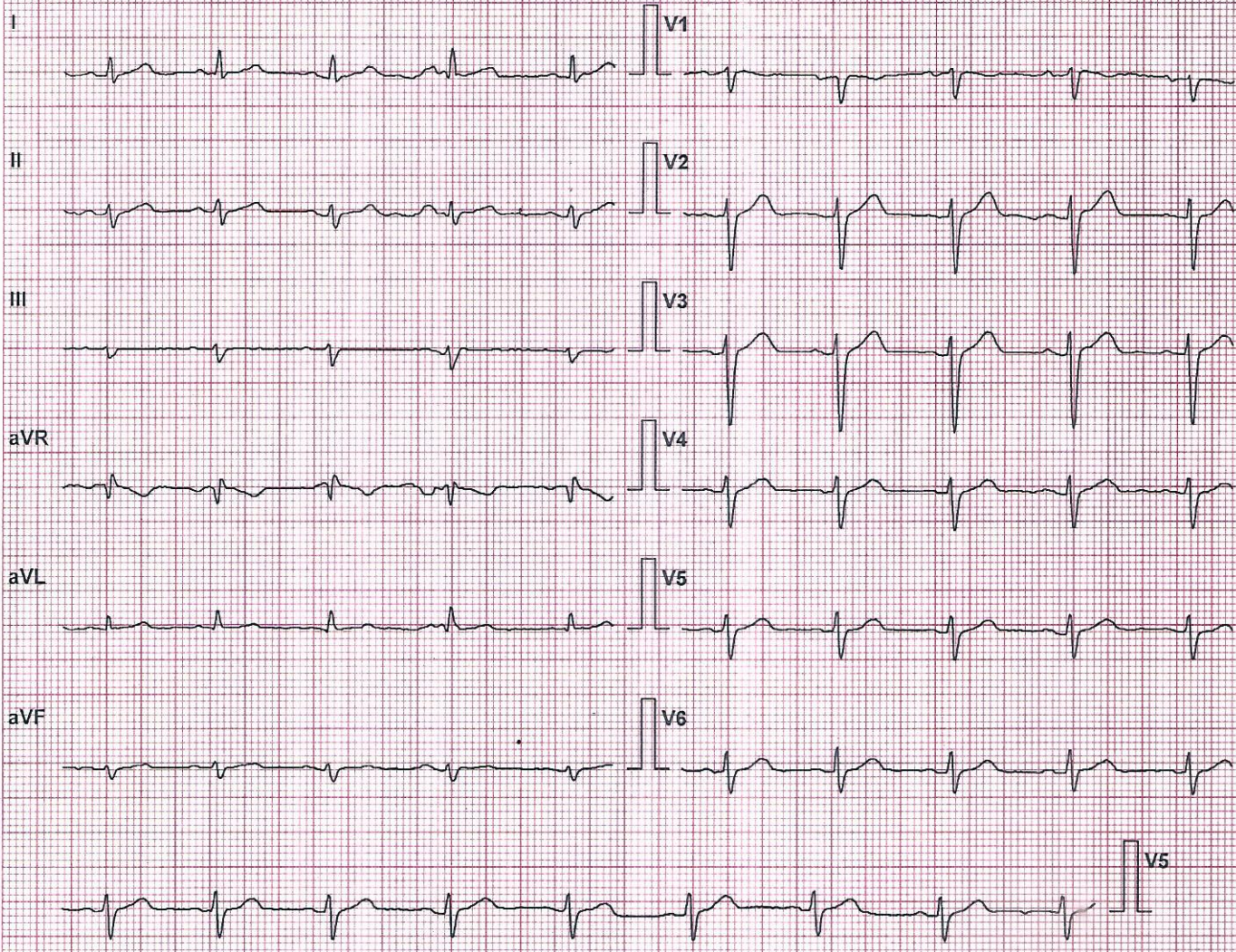
Grade: 0 %

Exec Time : 6 m 10 s

Stage Time : 0 m 0 s

HR: 86 bpm

(THR: 156 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.2	0.4
aVR	-0.3	-0.4
V1	0.1	-0.2
V4	0.5	0.7
II	0.3	0.2
aVL	0.0	0.2
V2	1.1	1.1
V5	0.4	0.4
III	0.0	0.0
aVF	0.1	0.0
V3	1.2	1.2
V6	0.4	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c) Schiller Healthcare India Pvt. Ltd. V 4.12

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms