

Patient Details **Date:** 2/19/2022 **Time:** 11:42:20 AM
Name: banti biswas ID: b220200220
Age: 31 y **Sex:** F **Height:** -- cms **Weight:** -- Kgs
Clinical History: not found

Medications: not any

Test Details

Protocol: Bruce **Pr.MHR:** 189 bpm **THR:** 170 (90 % of Pr.MHR) bpm
Total Exec. Time: 5 m 48 s **Max. HR:** 123 (65% of Pr.MHR)bpm **Max. Mets:** 10.20
Max. BP: 120 / 76 mmHg **Max. BP x HR:** 14760 mmHg/min **Min. BP x HR:** 6552 mmHg/min
Test Termination Criteria: breathlessness

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 : 36	1.0	0	0	100	100 / 72	-0.53 aVR	1.42 V2
Standing	0 : 31	1.0	0	0	96	100 / 72	-0.53 aVR	1.42 V2
Hyperventilation	0 : 26	1.0	0	0	91	104 / 74	-0.53 aVR	1.24 II
1	1 : 45	4.6	1.7	10	123	118 / 76	-5.31 aVR	-5.84 aVL
2	1 : 48	7.0	2.5	12	114	120 / 76	-5.84 V3	5.84 V1
Peak Ex	2 : 15	10.2	3.4	14	101	120 / 80	-4.56 III	5.48 aVF
Recovery(1)	0 : 21	1.8	1	0	103	118 / 80	-0.53 aVR	1.06 II
Recovery(2)	0 : 25	1.0	0	0	103	118 / 80	-2.87 III	3.01 II
Recovery(3)	0 : 35	1.0	0	0	102	116 / 78	-0.53 aVR	0.88 II

Interpretation

The patient exercised according to the Bruce protocol for 5 m 48 s achieving a work level of Max. METS : 10.20. Resting heart rate initially 100 bpm, rose to a max. heart rate of 123 (65% of Pr.MHR) bpm. Resting blood Pressure 100 / 72 mmHg, rose to a maximum blood pressure of 120 / 76 mmHg.

Ref. Doctor: B.O.B
 (Summary Report edited by user)

Dr. Uday Sankar Das
 Doctor
 MBBS(Hons.), MD(Med),
 DM(Cardio), DNB(Cardio),
 Reg. No. - 64309(WBMC)

banti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 100 / 72

Protocol: Bruce

Stage: Supine

Speed: 0 mph

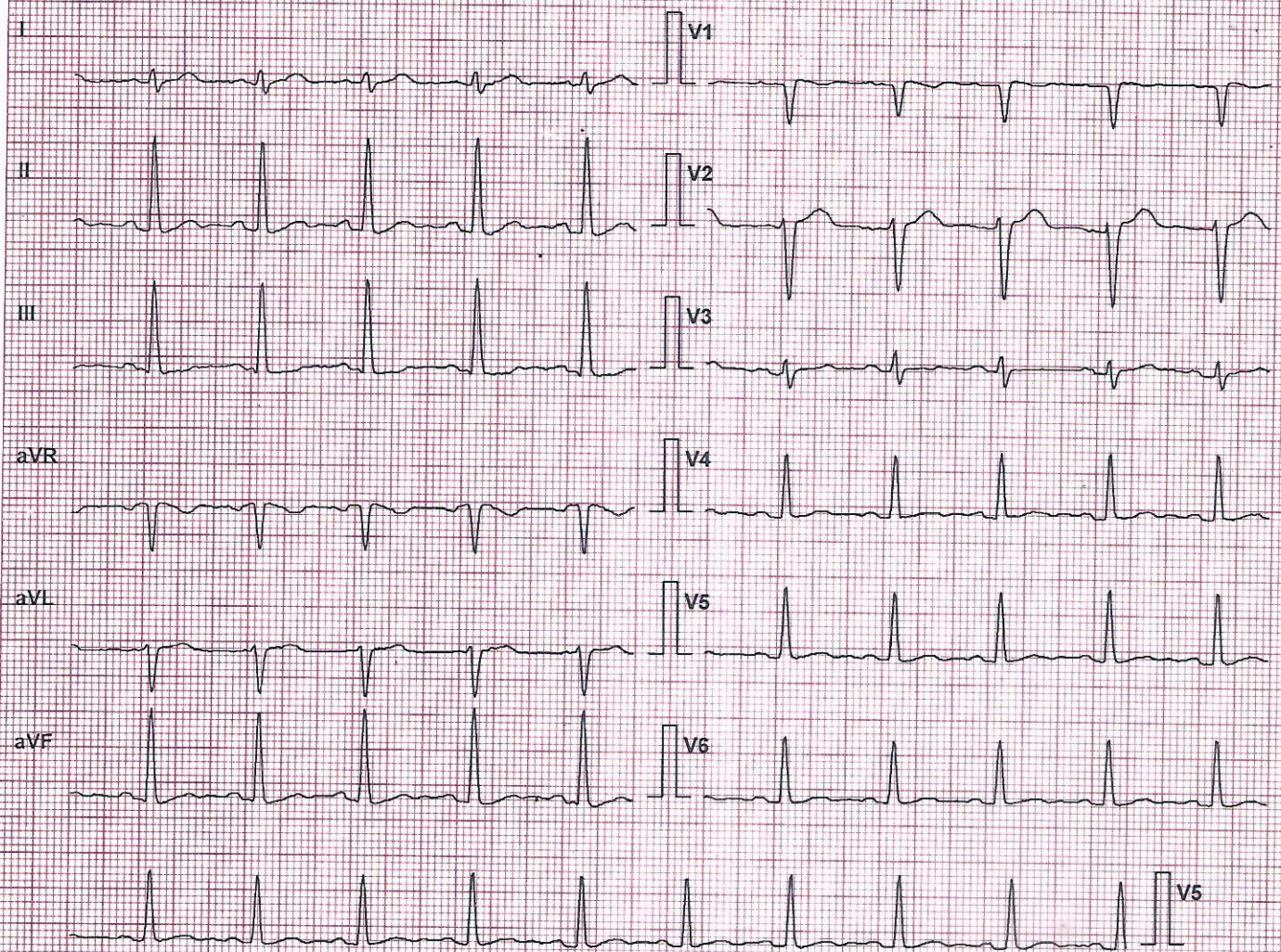
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 36 s

HR: 100 bpm

(THR: 170 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.4	0.4
II	0.4	1.1
III	-0.3	0.2
aVR	-0.4	-0.9
aVL	0.4	0.2
aVF	0.1	0.7
V1	0.2	-0.4
V2	1.6	1.4
V3	0.3	0.0
V4	0.6	0.5
V5	0.6	0.7
V6	0.3	0.5

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c)Schiller Healthcare India Pvt. Ltd. V4.12

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

banti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 100 / 72

Protocol: Bruce

Stage: Standing

Speed: 0 mph

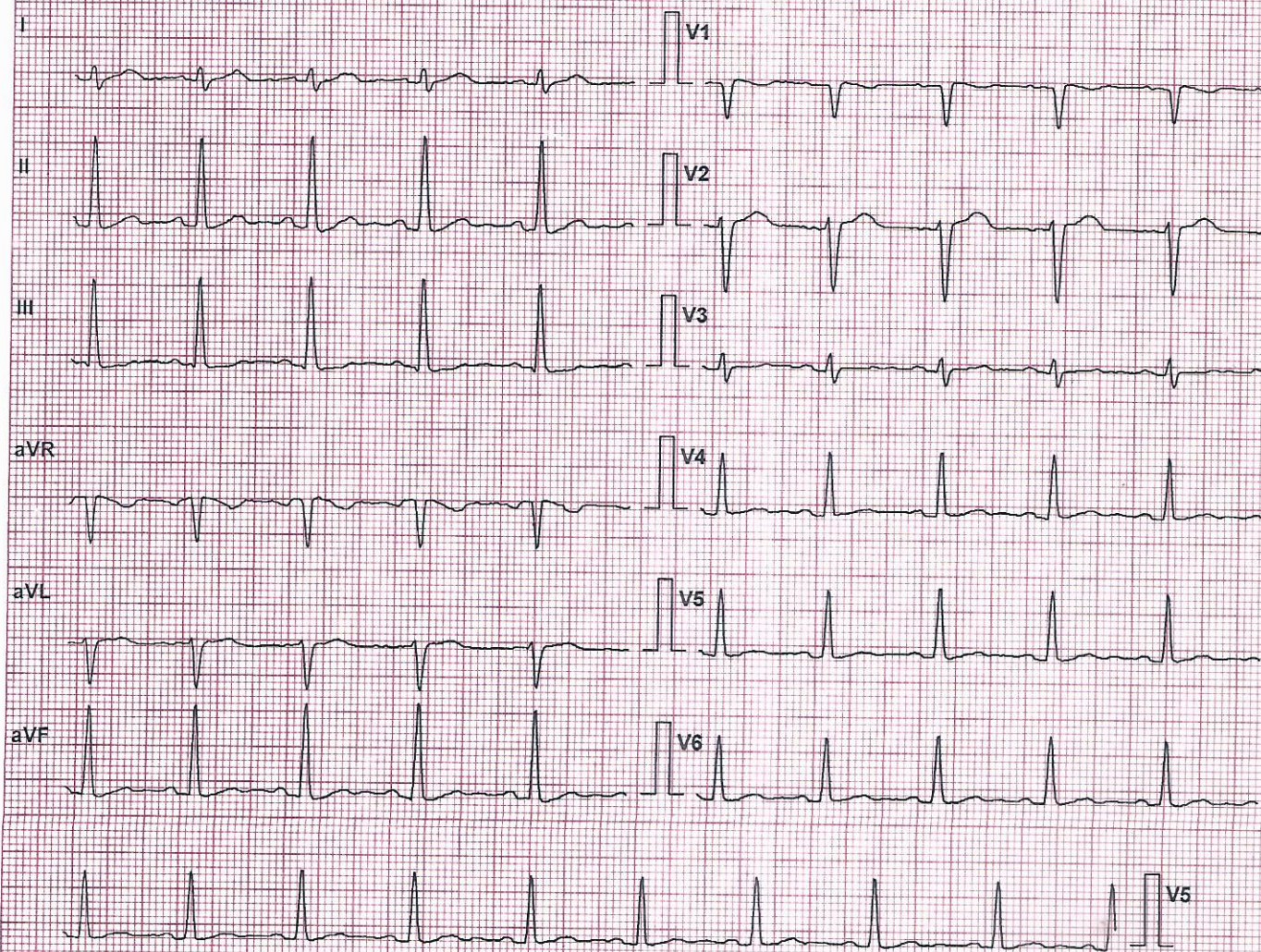
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 31 s

HR: 96 bpm

(THR: 170 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.4	0.4
aVR	-0.5	-0.9
V1	0.2	-0.4
V4	0.6	0.5
II	0.4	1.2
aVL	0.4	0.2
V2	1.3	0.9
V5	0.4	0.5
III	-0.3	0.4
aVF	0.0	0.5
V3	0.3	0.0
V6	0.3	0.5

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

(c) Schiller Healthcare India Pvt. Ltd. V4.12

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

Post J = J + 60 ms

banti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 104 / 74

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

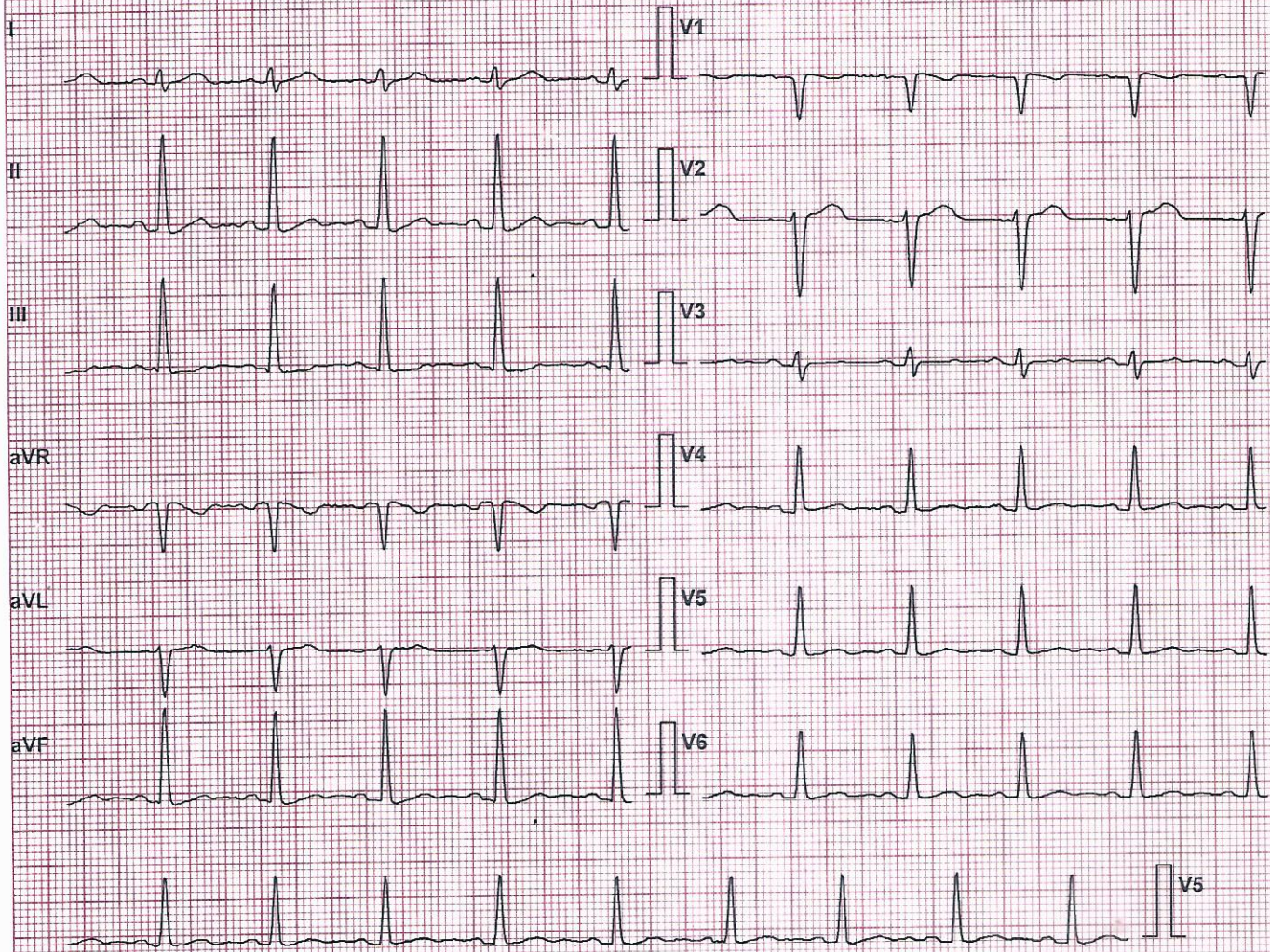
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 26 s

HR: 91 bpm

(THR: 170 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
aVR	0.3	0.4
aVL	0.3	1.1
aVF	-0.3	0.4
V1	-0.3	-0.7
V2	0.3	0.0
V3	0.1	0.9
V4	0.1	-0.5
V5	0.4	0.4
V6	1.0	0.5
V5 (repeated)	0.4	0.7
V6 (repeated)	0.3	0.0
V6 (repeated)	0.2	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

banti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 104 / 74

Protocol: Bruce

Stage: Pre Test

Speed: 0.5 mph

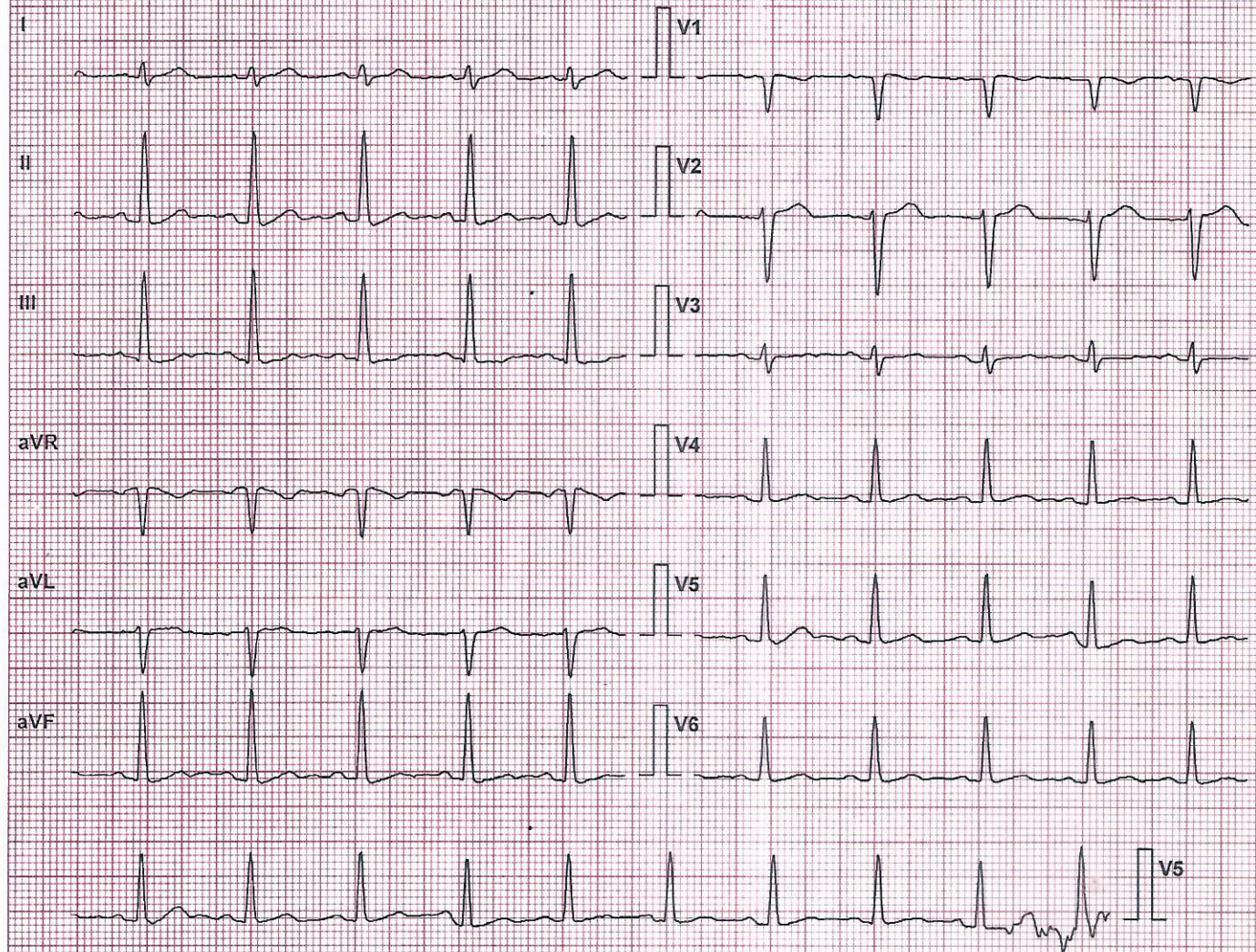
Grade: 0.5 %

Exec Time : 0 m 0 s

Stage Time : 0 m 0 s

HR: 99 bpm

(THR: 170 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.5	0.4
aVR	-0.5	-1.2
V1	0.0	-0.5
V4	0.5	0.5
II	0.3	1.8
aVL	0.4	-0.4
V2	1.6	0.4
V5	0.5	1.1
III	-0.3	1.2
aVF	0.1	1.6
V3	0.2	0.0
V6	0.4	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

anti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 118 / 76

Protocol: Bruce

Stage: 1

Speed: 1.7 mph

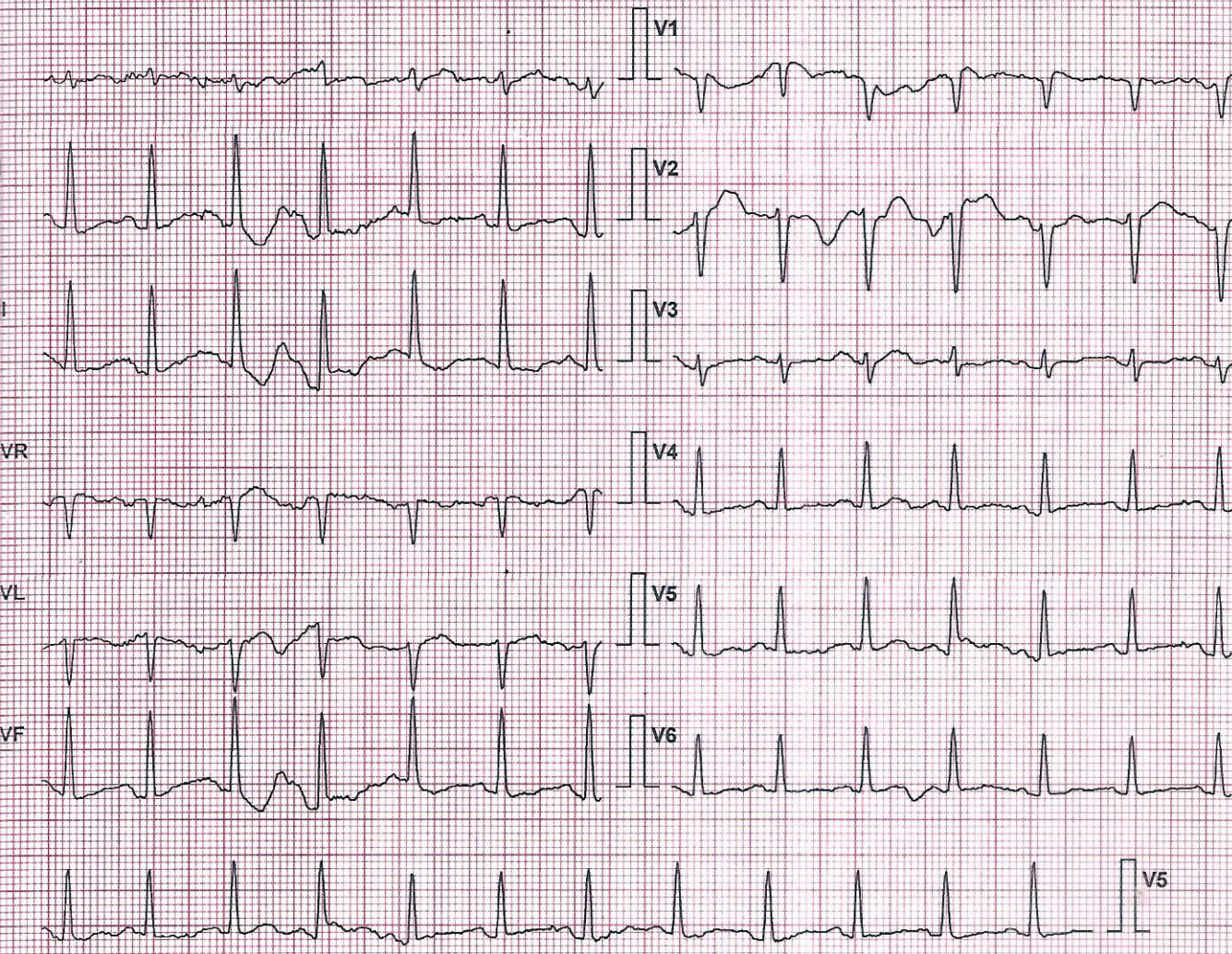
Grade: 10 %

Rec Time : 1 m 45 s

Stage Time : 1 m 45 s

HR: 123 bpm

(THR: 170 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
aVR	0.4	0.5
aVL	0.5	1.2
aVF	-0.1	0.4
V1	-0.5	-0.9
V2	0.3	0.2
V3	0.2	0.9
V4	0.1	-0.4
V5	1.2	1.1
V6	0.3	0.2

Paper Speed: 25 mm/sec Filter: 35 Hz Mains Filt: ON Amp: 10 mm
 Iso = R-60 ms J = R+60 ms Post J = J+60 ms

banti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 120 / 76

Protocol: Bruce

Stage: 2

Speed: 2.5 mph

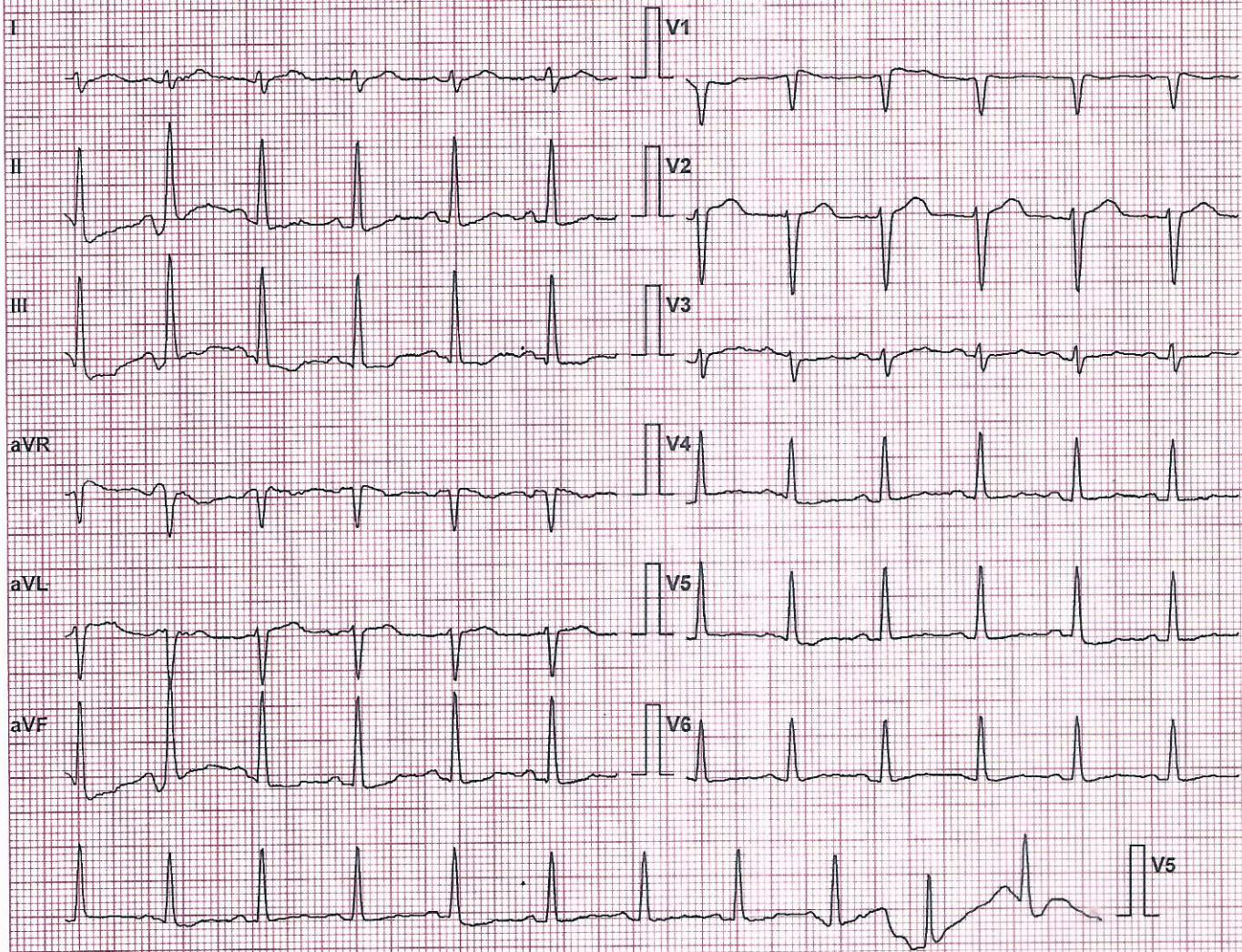
Grade: 12 %

Exec Time : 3 m 33 s

Stage Time : 1 m 48 s

HR: 114 bpm

(THR: 170 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.7	1.1
aVR	-0.2	-1.9
V1	0.1	-1.2
V4	1.1	0.7
II	-0.1	3.2
aVL	1.0	-0.4
V2	1.5	0.4
V5	5.9	1.2
III	-1.1	1.9
aVF	-0.5	2.5
V3	1.1	0.4
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 - 50 ms

J = R + 60 ms

Post J = J + 60 ms

banti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 120 / 80

Protocol: Bruce

Stage: Peak Ex

Speed: 3.4 mph

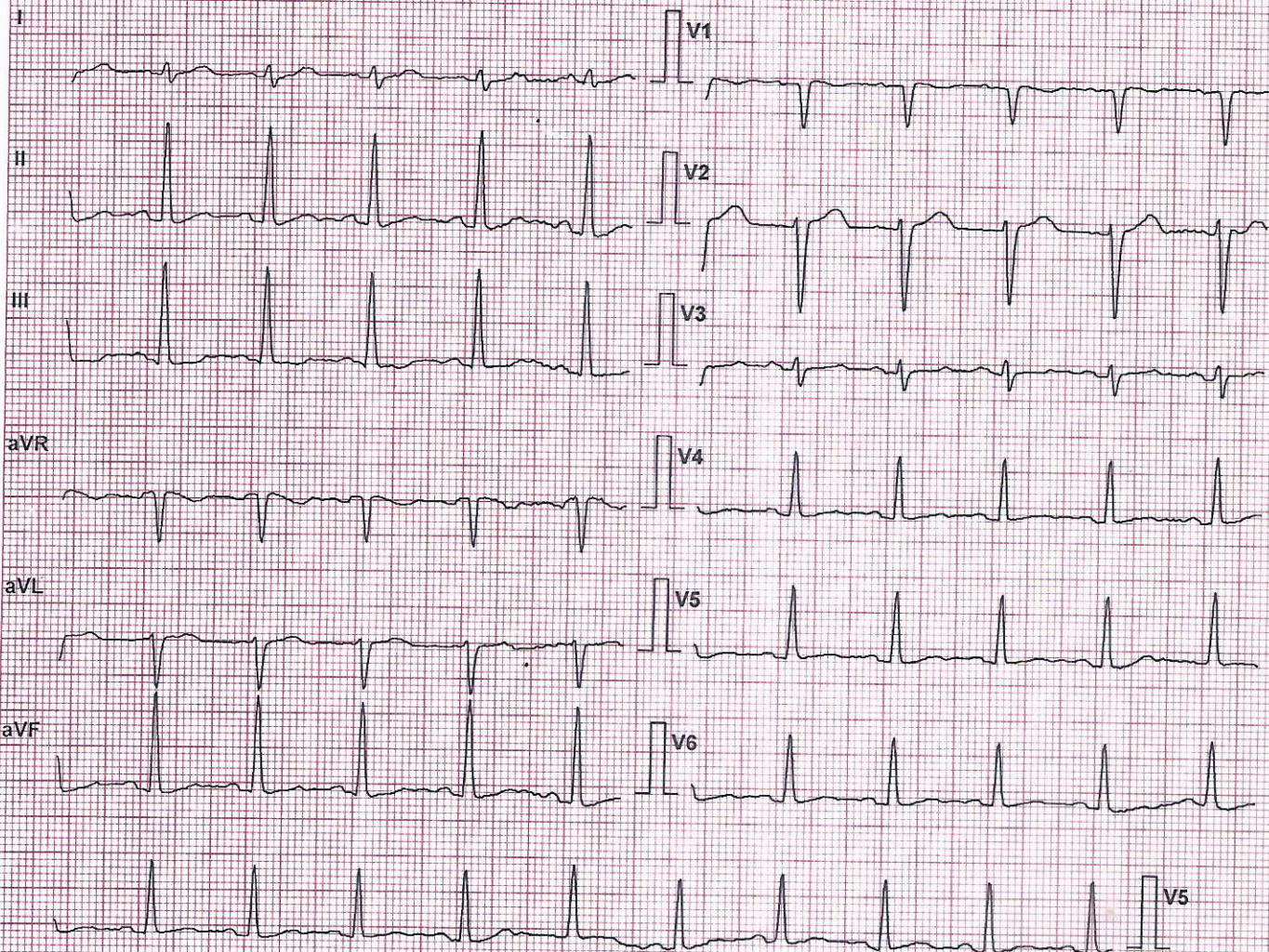
Grade: 14 %

Exec Time : 5 m 48 s

Stage Time : 2 m 15 s

HR: 101 bpm

(THR: 170 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.3	0.4
II	0.3	1.1
III	-0.2	0.5
aVR	-0.4	-0.9
aVL	0.3	0.0
aVF	0.0	0.7
V1	0.1	-0.4
V2	1.1	0.7
V3	0.3	0.0
V4	0.4	0.5
V5	0.4	0.5
V6	0.1	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

banti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 118 / 80

Protocol: Bruce

Stage: Recovery(1)

Speed: 0 mph

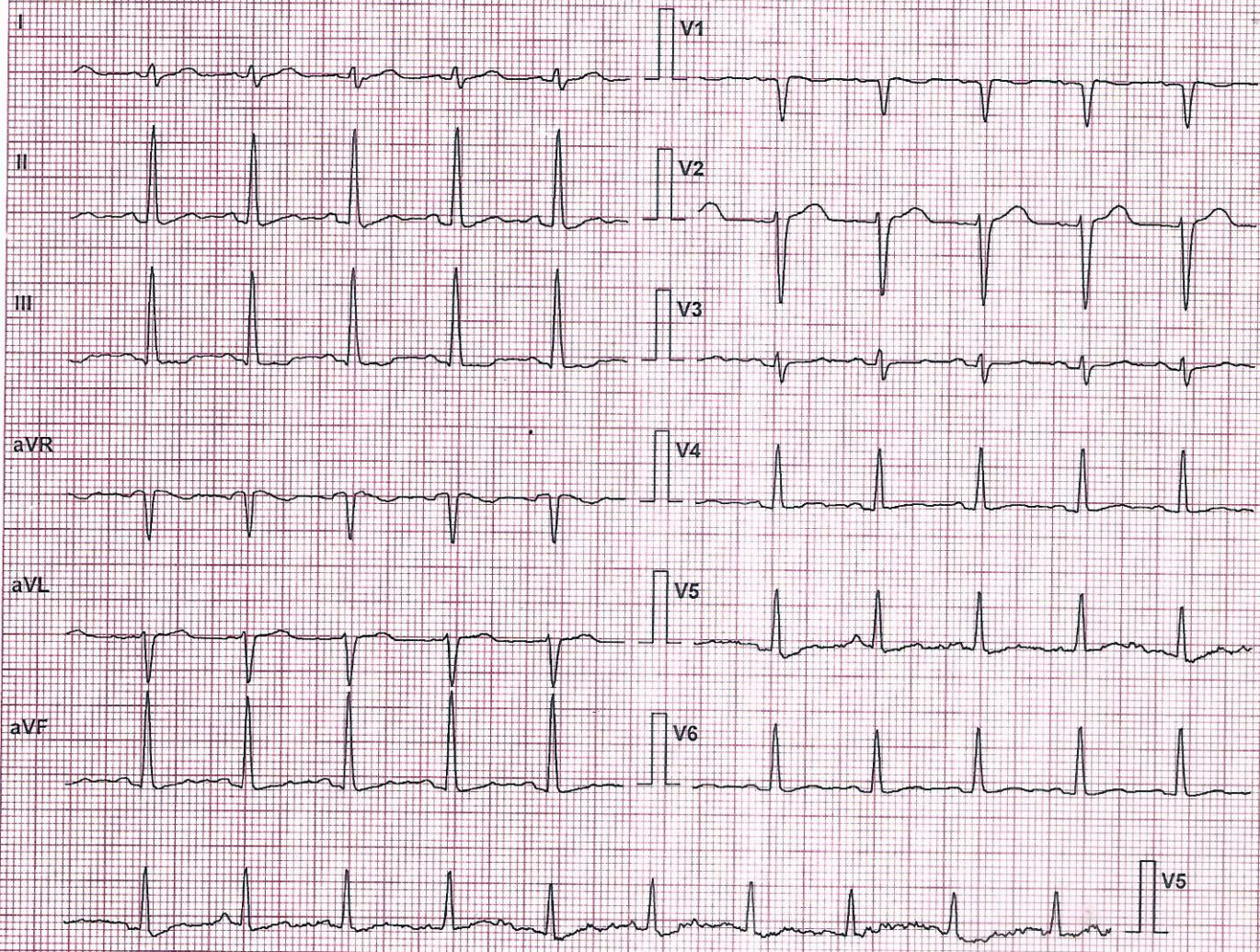
Grade: 0 %

Exec Time : 5 m 48 s

Stage Time : 0 m 21 s

HR: 103 bpm

(THR: 170 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.3	0.4
aVR	-0.5	-1.1
V1	0.1	-0.4
V4	0.4	0.4
II	0.3	0.9
aVL	0.5	0.4
V2	1.2	0.7
V5	-0.2	0.5
III	-0.4	0.2
aVF	0.0	0.5
V3	0.3	0.0
V6	0.2	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

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Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

banti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 118 / 80

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

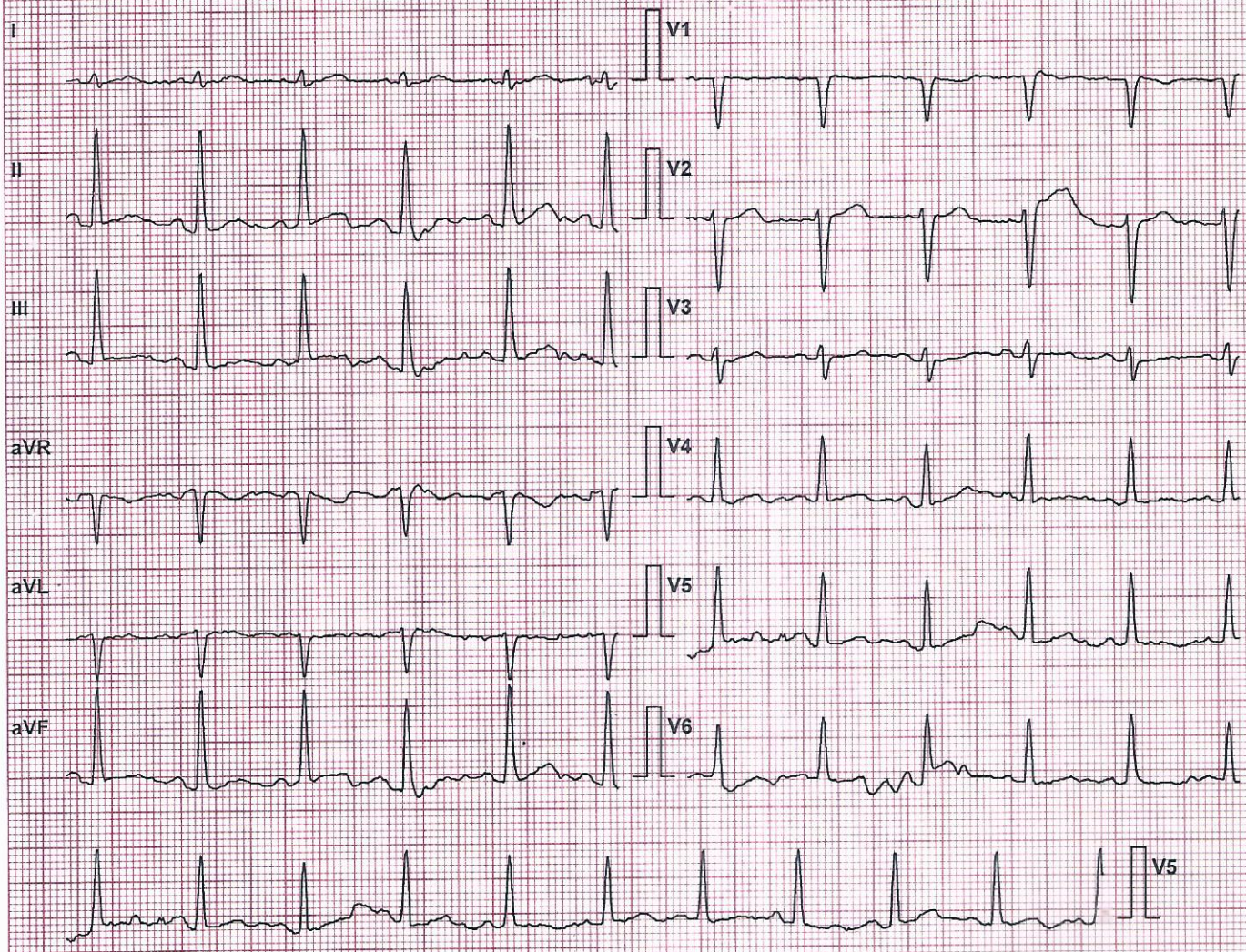
Grade: 0 %

Exec Time : 5 m 48 s

Stage Time : 0 m 25 s

HR: 103 bpm

(THR: 170 bpm)



Lead	ST Level (mm)	ST Slope (mV / s)
I	0.1	0.2
aVR	-0.4	-0.7
V1	0.1	-0.4
V4	0.5	0.2
II	0.6	0.9
aVL	0.0	0.0
V2	1.1	0.5
V5	0.4	0.4
III	0.2	0.4
aVF	0.3	0.5
V3	0.3	0.0
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

banti biswas (31 F)

ID: b220200220

Date: 2/19/2022

B.P: 116 / 78

Protocol: Bruce

Stage: Recovery(3)

Speed: 0 mph

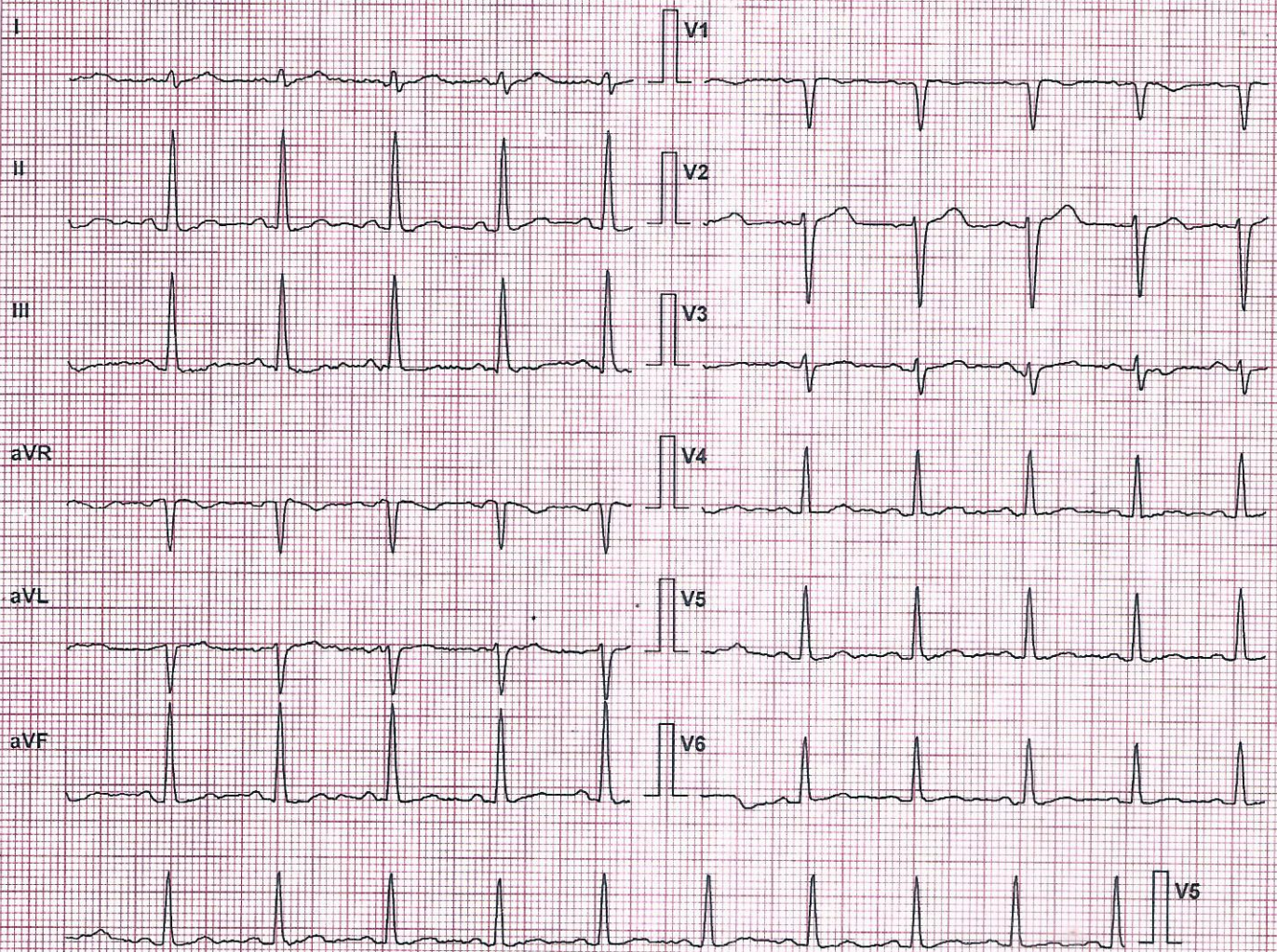
Grade: 0 %

Exec Time : 5 m 48 s

Stage Time : 0 m 0 s

HR: 100 bpm

(THR: 170 bpm)



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