

**Patient Details**

Date: 3/26/2022

Time: 11:53:13 AM

Name: manoj kasera ID: bob20220302

Age: 53 y

Sex: M

Height: -- cms

Weight: -- Kgs

Clinical History: no

Medications: no

**Test Details**

Protocol: Bruce

Pr.MHR: 167 bpm

THR: 150 (90 % of Pr.MHR) bpm

Total Exec. Time: 3 m 17 s

Max. HR: 125 ( 75% of Pr.MHR )bpm

Max. Mets: 10.20

Max. BP: 126 / 85 mmHg

Max. BP x HR: 15750 mmHg/min

Min. BP x HR: 8200 mmHg/min

Test Termination Criteria: thr achieveds

**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 : 25	1.0	0	0	100	118 / 82	-0.11 I	0.88 V3
Standing	0 : 10	1.0	0	0	109	118 / 82	-0.21 aVL	0.71 V3
Hyperventilation	0 : 11	1.0	0	0	106	118 / 82	-0.11 aVL	0.71 V3
1	1 : 2	4.6	1.7	10	123	122 / 84	-0.21 I	1.06 V3
2	0 : 46	7.0	2.5	12	125	126 / 85	-0.21 aVR	1.24 V3
Peak Ex	1 : 29	10.2	3.4	14	125	126 / 85	-0.21 aVR	1.24 V3
Recovery(1)	0 : 19	1.8	1	0	123	126 / 85	-0.21 aVR	1.06 V3
Recovery(2)	0 : 17	1.0	0	0	120	126 / 85	-0.11 I	1.06 V3
Recovery(3)	0 : 28	1.0	0	0	114	126 / 85	-0.11 aVR	1.24 V3
Recovery(4)	0 : 11	1.0	0	0	113	126 / 85	-0.11 aVR	1.06 V3

**Interpretation**

The patient exercised according to the Bruce protocol for 3 m 17 s achieving a work level of Max. METS : 10.20. Resting heart rate initially 100 bpm, rose to a max. heart rate of 125 ( 75% of Pr.MHR ) bpm. Resting blood Pressure 118 / 82 mmHg, rose to a maximum blood pressure of 126 / 85 mmHg.

Ref. Doctor: B.O.B

( Summary Report edited by user )

**Dr. Udayan Kar Das**  
 Doctor, MD (Med),  
 (Schiller Healthcare India Pvt. Ltd. V.4.12)  
 DNB (Cardio), DNB (WEMC)  
 Reg. No. 19909

manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 118 / 82

Protocol: Bruce

Stage: Supine

Speed: 0 mph

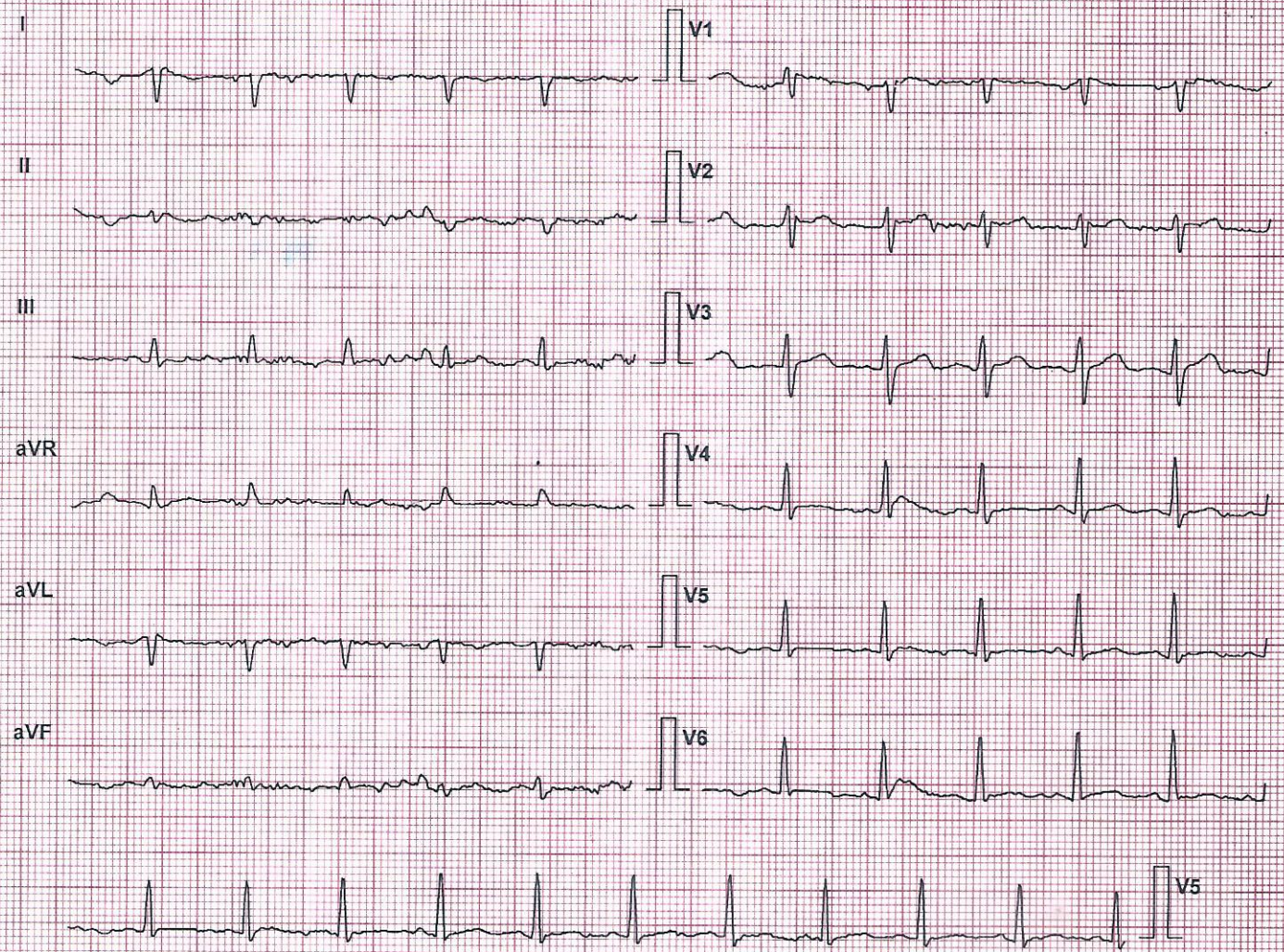
Grade: 0%

Exec Time : 0 m 0 s

Stage Time : 0 m 25 s

HR: 100 bpm

(THR: 150 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	-0.1	-0.2
aVR	0.0	0.2
V1	0.2	0.0
V4	0.3	0.2
II	0.0	0.0
aVL	-0.1	-0.2
V2	0.5	0.4
V5	0.2	0.4
III	0.1	0.2
aVF	0.0	0.0
V3	1.0	0.7
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

manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 118 / 82

Protocol: Bruce

Stage: Standing

Speed: 0 mph

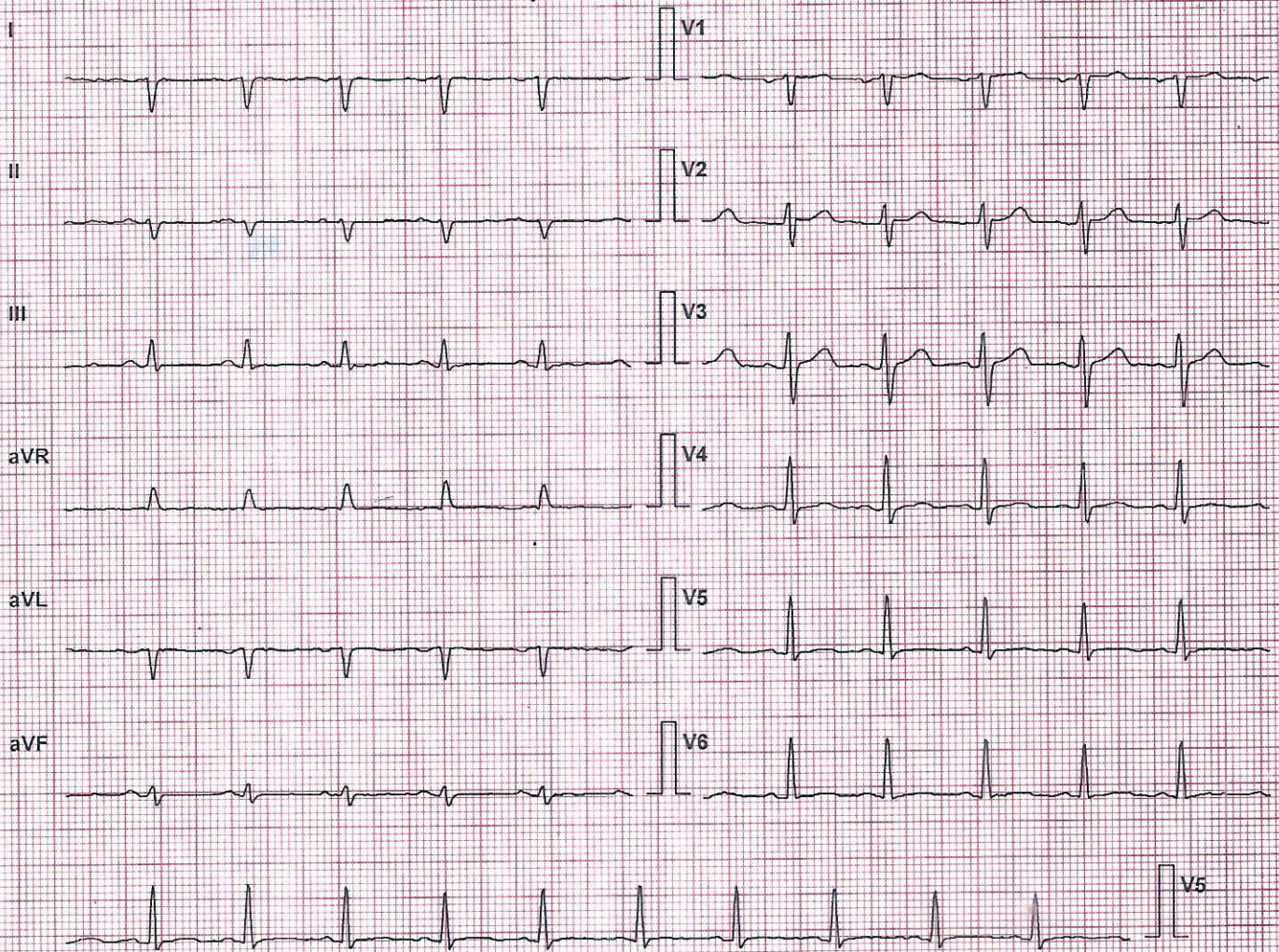
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 10 s

HR: 109 bpm

(THR: 150 bpm)



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

Isa = R - 60 ms J = R + 60 ms

Post J = J + 60 ms

manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 122 / 84

Protocol: Bruce

Stage: Pre Test

Speed: 0.5 mph

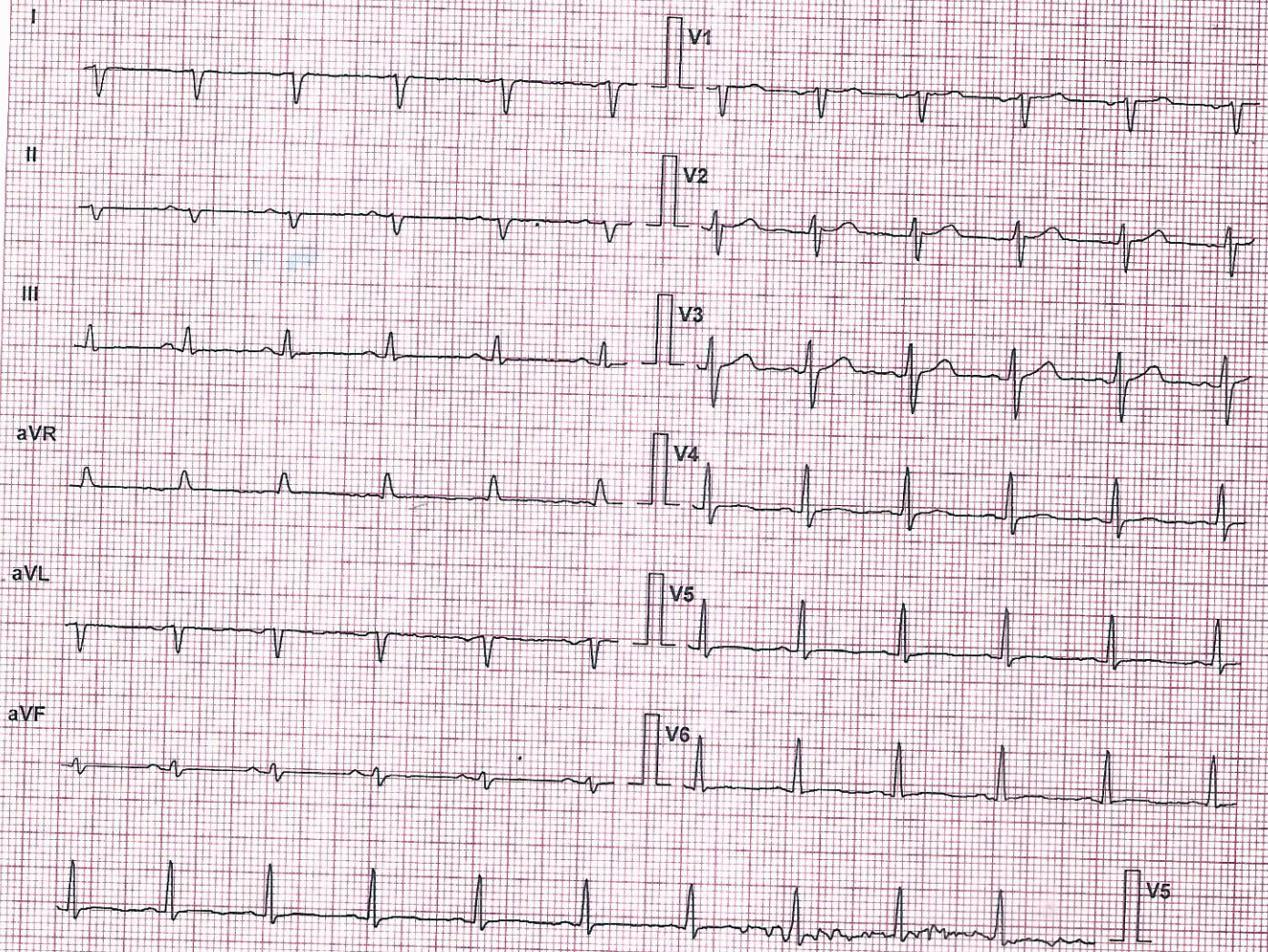
Grade: 0.5 %

Exec Time : 0 m 0 s

Stage Time : 0 m 0 s

HR: 118 bpm

(THR: 150 bpm)



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

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

manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 118 / 82

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

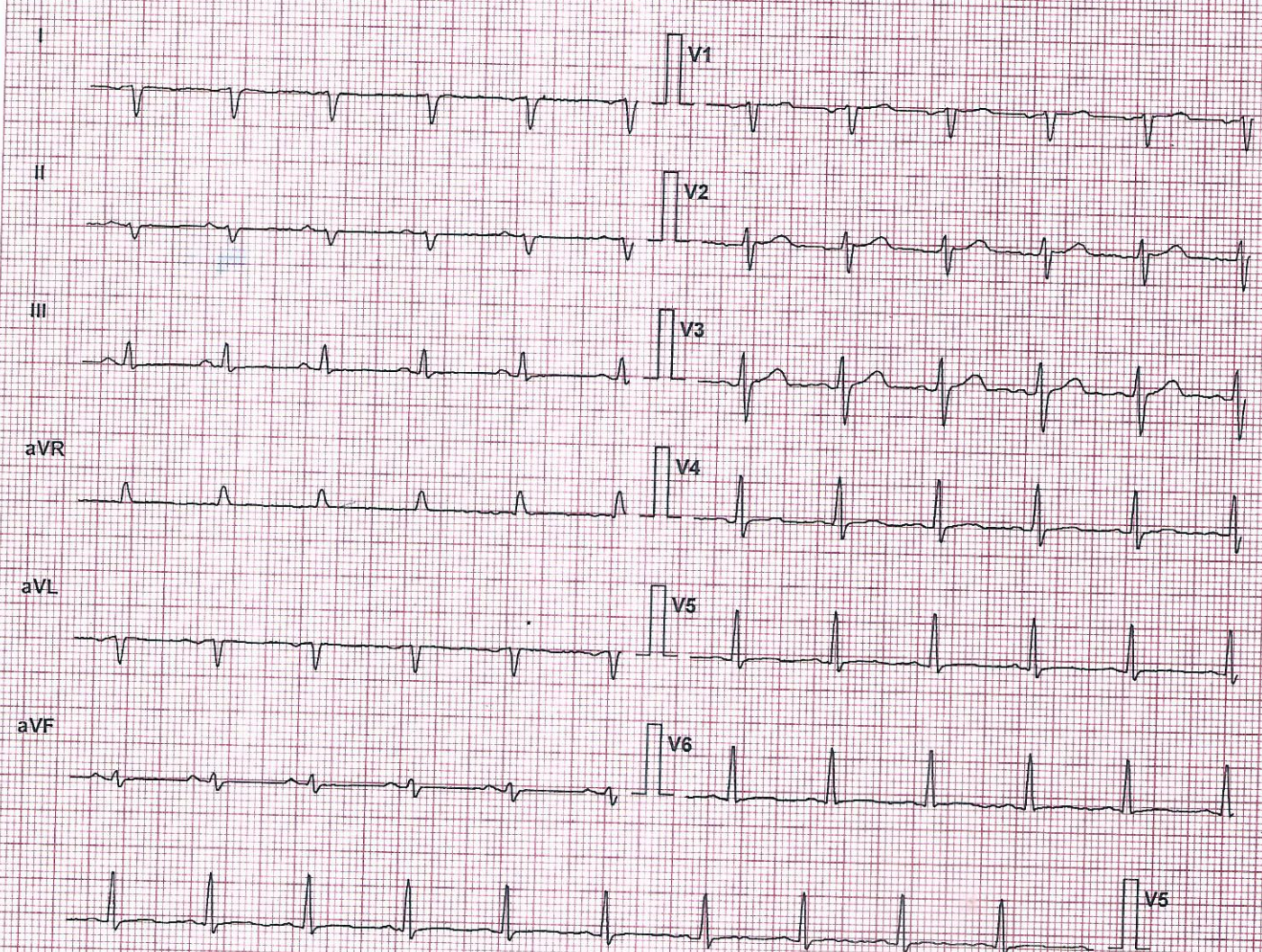
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 11 s

HR: 106 bpm

(THR: 150 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.0	0.0
II	0.0	0.0
III	0.2	0.2
aVR	0.0	0.0
aVL	0.0	0.0
aVF	0.0	0.0
V1	0.2	0.2
V2	0.5	0.4
V3	1.0	0.7
V4	0.3	0.2
V5	0.2	0.2
V6	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

manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 118 / 82

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

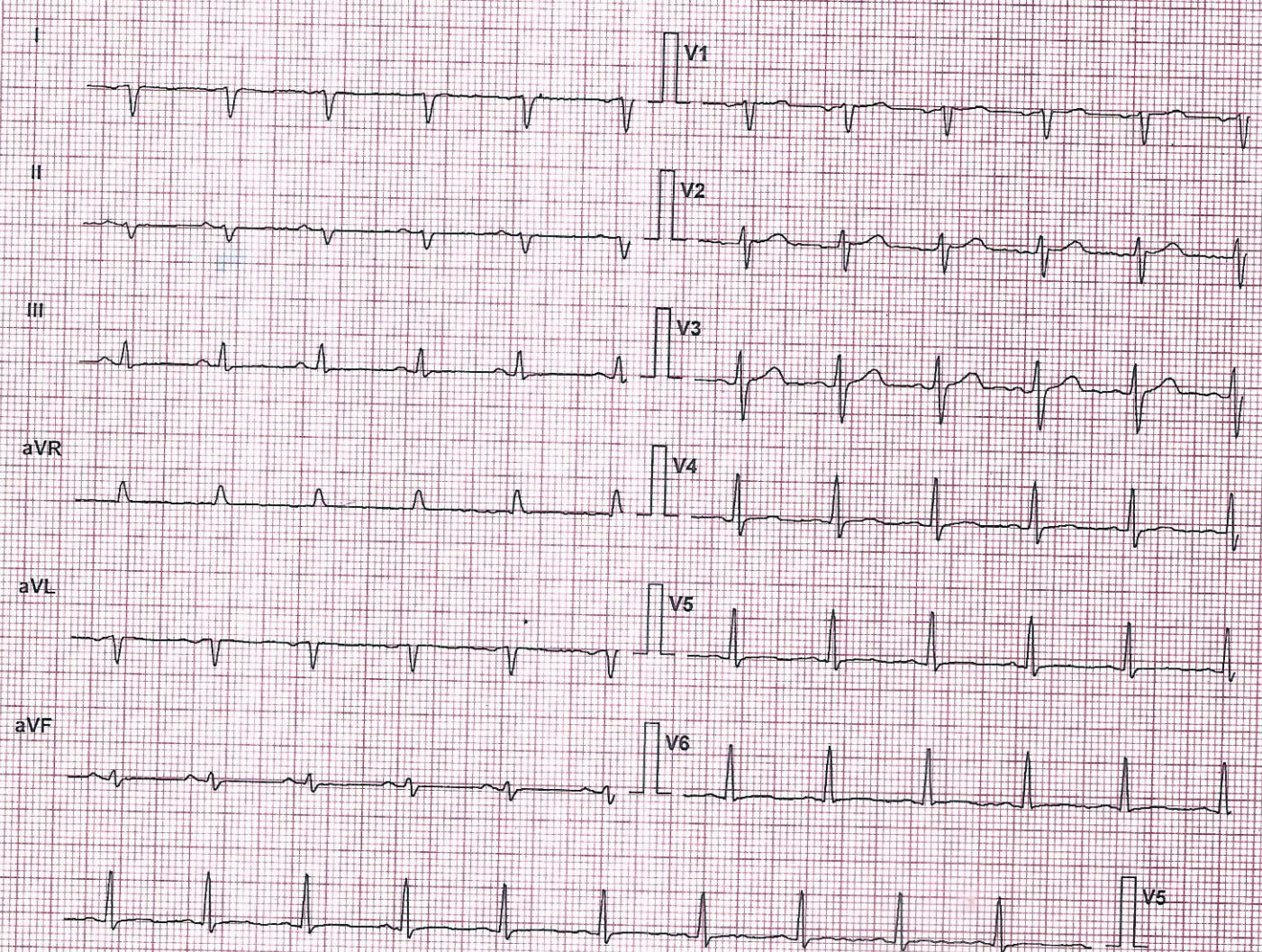
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 11 s

HR: 106 bpm

(THR: 150 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.0	0.0
II	0.0	0.0
III	0.2	0.2
aVR	0.0	0.0
aVL	0.0	0.0
aVF	0.0	0.0
V1	0.2	0.2
V2	0.5	0.4
V3	1.0	0.7
V4	0.3	0.2
V5	0.2	0.2
V6	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

manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 122 / 84

Protocol: Bruce

Stage: 1

Speed: 1.7 mph

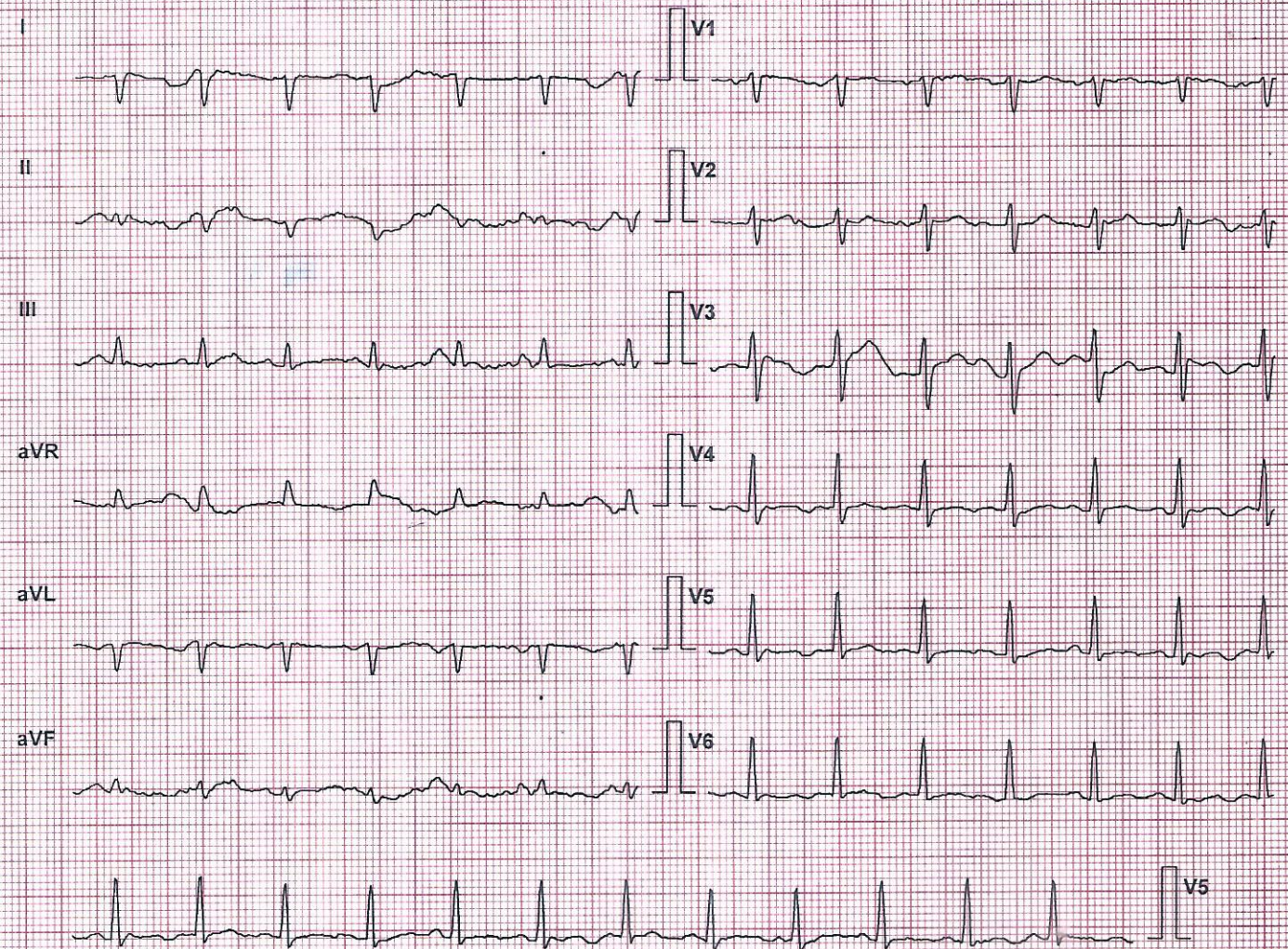
Grade: 10 %

Exec Time : 1 m 2 s

Stage Time : 1 m 2 s

HR: 123 bpm

(THR: 150 bpm)



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

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

manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 126 / 85

Protocol: Bruce

Stage: 2

Speed: 2.5 mph

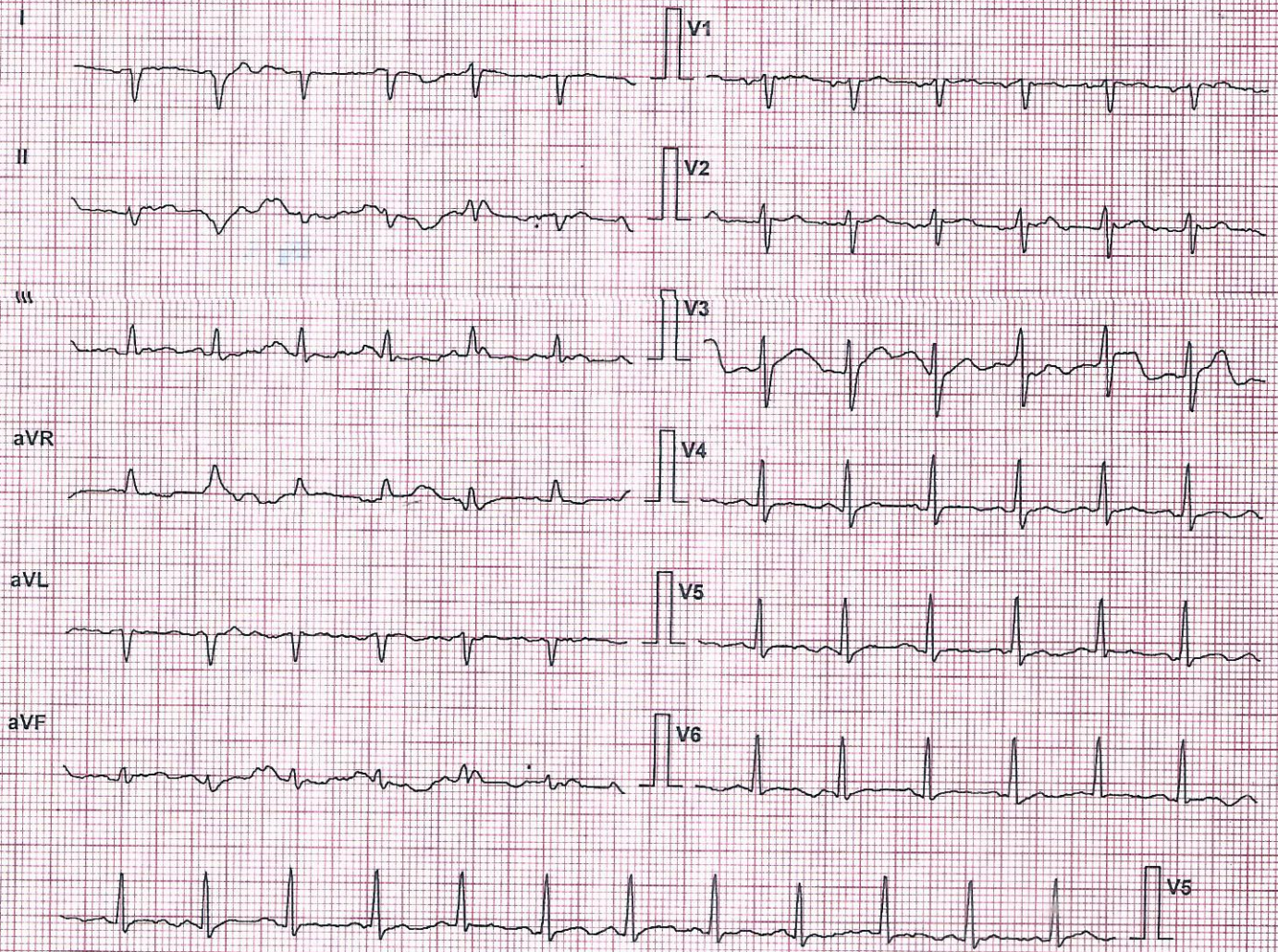
Grade: 12 %

Exec Time : 1 m 48 s

Stage Time : 0 m 46 s

HR: 125 bpm

(THR: 150 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.2	0.2
aVR	-0.2	-0.2
V1	0.3	0.2
V4	0.3	0.2
II	0.0	0.0
aVL	0.1	0.2
V2	0.5	0.4
V5	0.4	0.5
III	0.0	-0.2
aVF	0.1	0.0
V3	1.4	1.2
V6	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



manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 126 / 85

Protocol: Bruce

Stage: Peak Ex

Speed: 3.4 mph

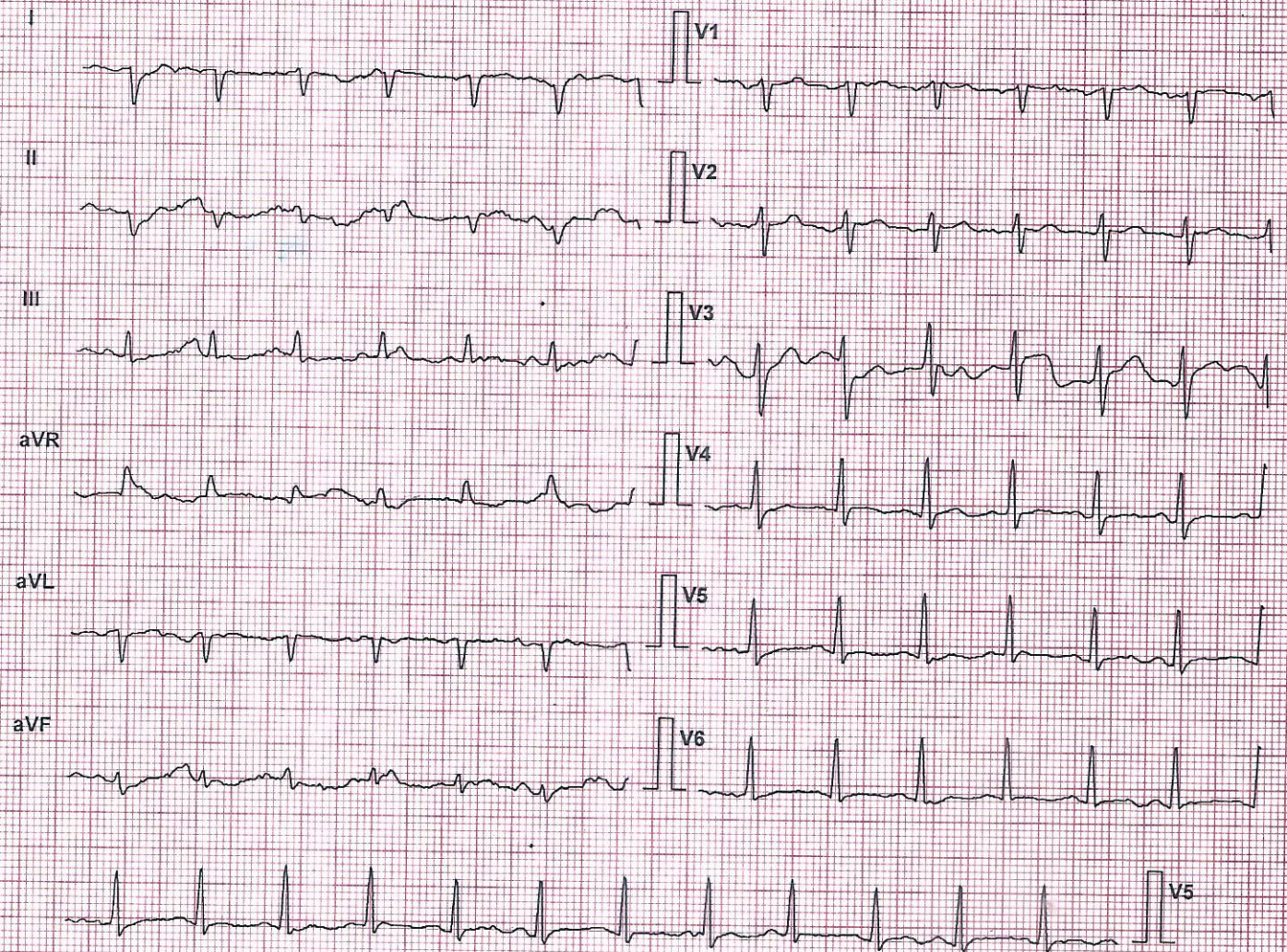
Grade: 14 %

Exec Time : 3 m 17 s

Stage Time : 1 m 29 s

HR: 125 bpm

(THR: 150 bpm)



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

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: 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

manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 126 / 85

Protocol: Bruce

Stage: Recovery(1)

Speed: 0 mph

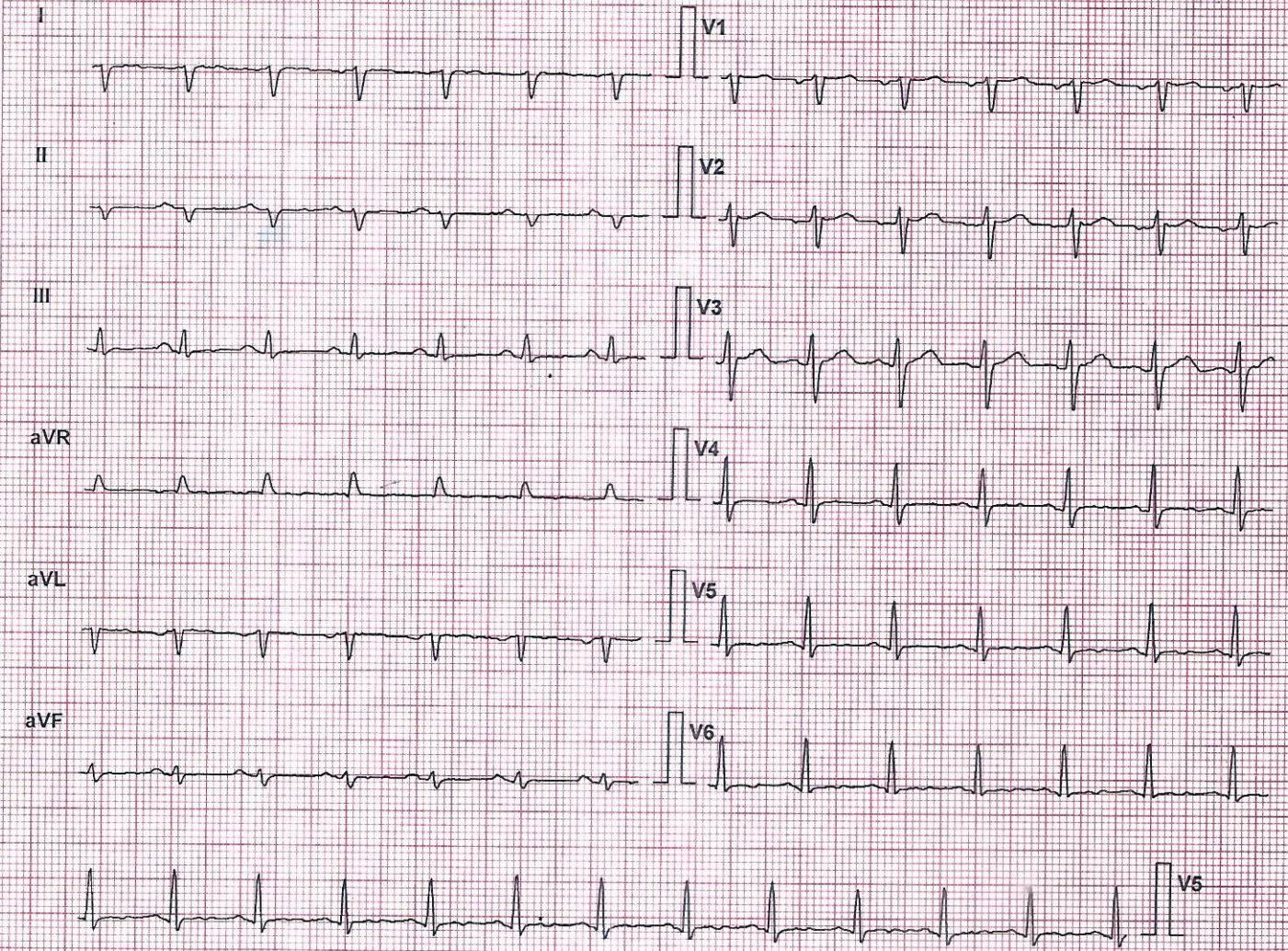
Grade: 0 %

Exec Time : 3 m 17 s

Stage Time : 0 m 19 s

HR: 123 bpm

(THR: 150 bpm)



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

manoj kasera (53 M)

ID: bob20220302

Date: 3/26/2022

B.P: 126 / 85

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

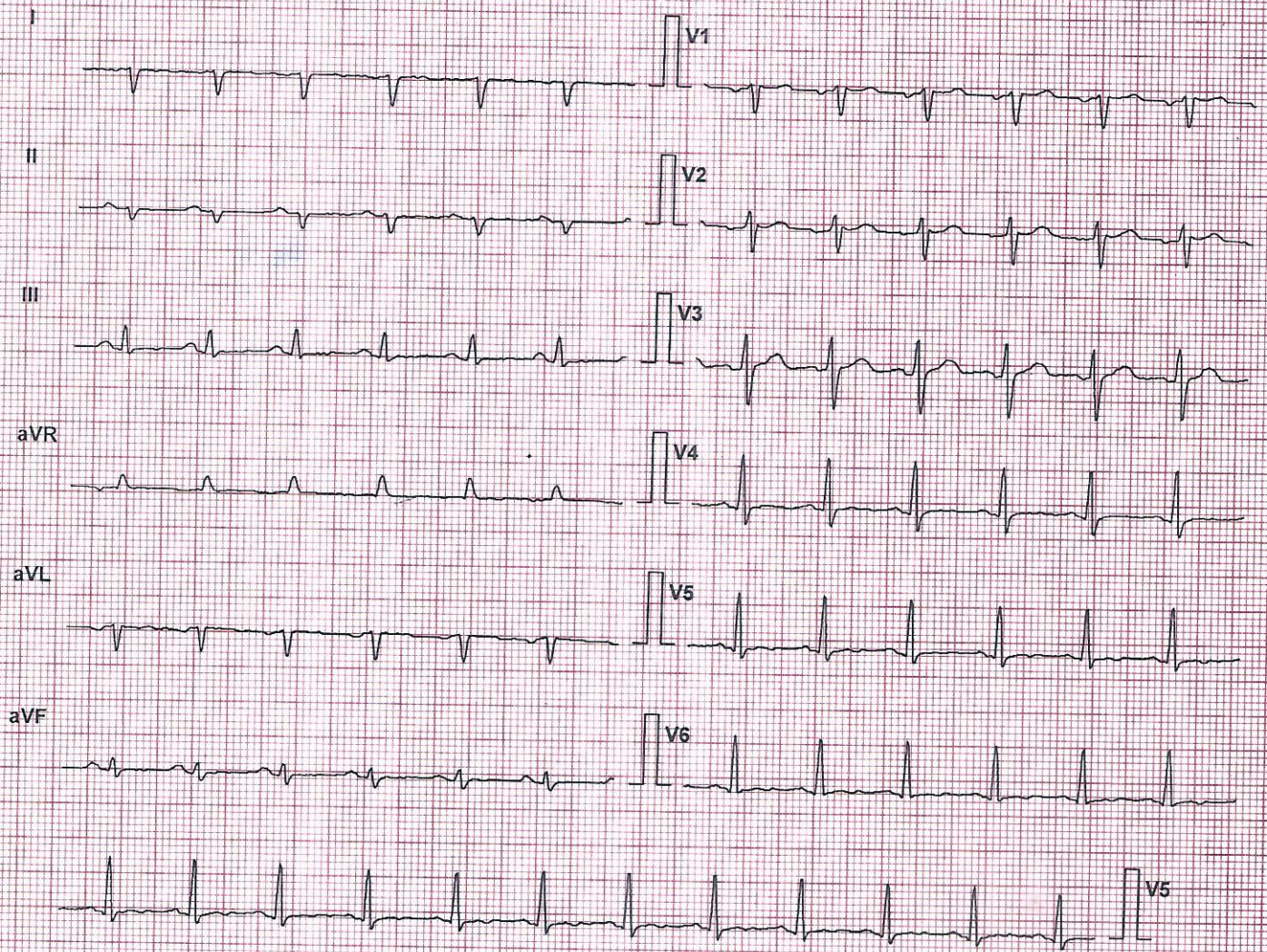
Grade: 0 %

Exec Time : 3 m 17 s

Stage Time : 0 m 17 s

HR: 120 bpm

(THR: 150 bpm)



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

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

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

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

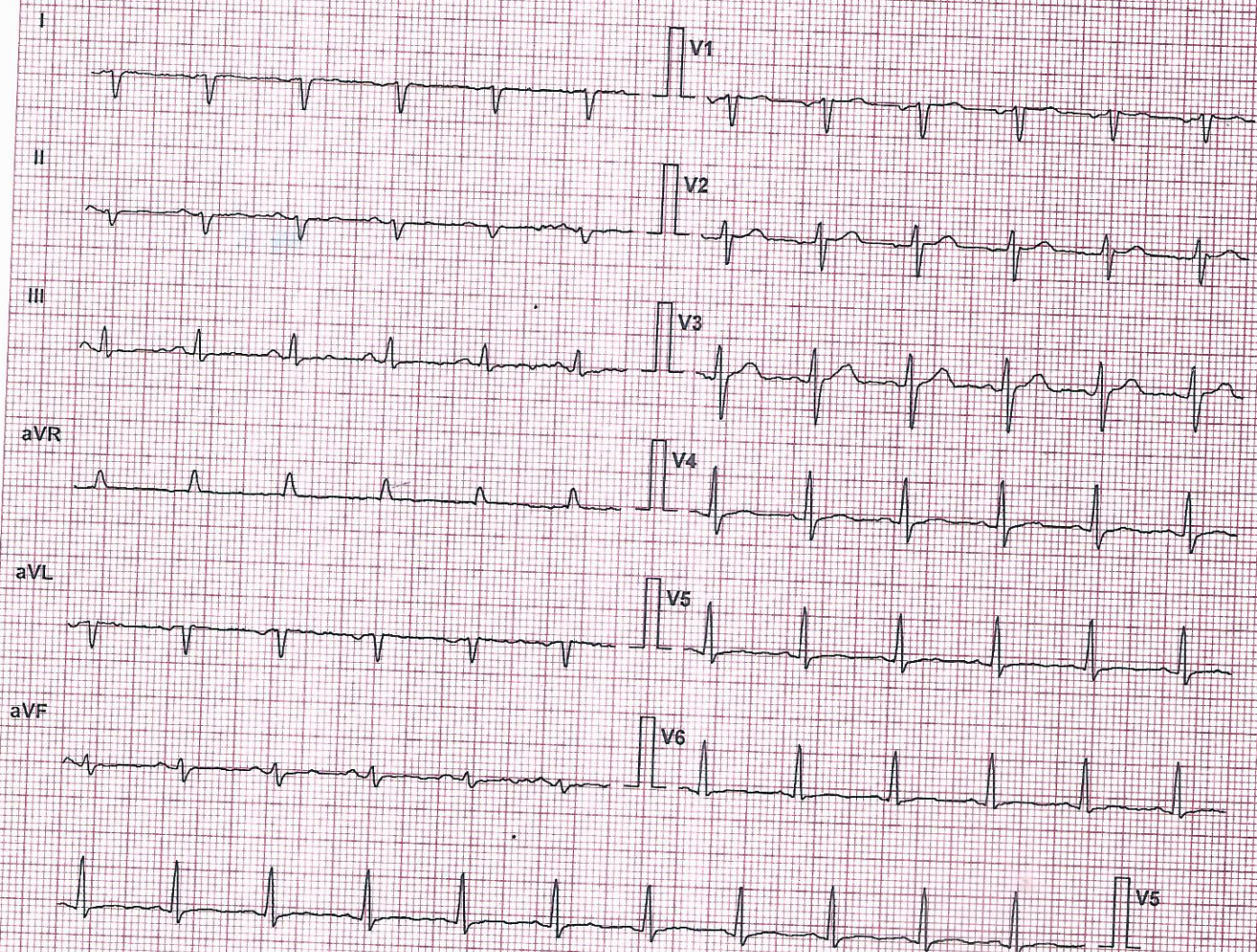
Post J = J + 60 ms

manoj kasera (53 M)

Protocol: Bruce  
Exec Time : 3 m 17 s

ID: bob20220302  
Stage: Recovery(4)  
Stage Time : 0 m 0 s

Date: 3/26/2022 B.P: 126 / 85  
Speed: 0 mph Grade: 0 %  
HR: 110 bpm (THR: 150 bpm)



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

Chart Speed: 25 mm/sec  
(c) Schiller Healthcare India Pvt. Ltd. V 4.12

Filter: 35 Hz

Mains Fil: ON Amp: 10 mm

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