

**Patient Details** Date: 8/14/2021 Time: 11:26:40 AM

Name: sandip sarkar sarkar ID: 654621

Age: 47 y Sex: M

Clinical History: not any

Height: - cms Weight: - Kgs

Medications: not any

**Test Details**

Protocol: Bruce

Total Exec. Time: 7 m 41 s

Max. BP: 132 / 82 mmHg

Test Termination Criteria: thr achieved

Pr.MHR: 173 bpm

Max. HR: 114 (66% of Pr.MHR) bpm

Max. BP x HR: 15048 mmHg/min

THR: 155 (90 % of Pr.MHR) bpm

Max. Mets: 10.20

Min. BP x HR: 5850 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 : 57	1.0	0	0	77	124 / 80	-0.42 aVR	1.24 V3
Standing	1 : 7	1.0	0	0	75	124 / 80	-0.53 aVR	1.59 V3
Hyperventilation	0 : 52	1.0	0	0	78	124 / 80	-0.96 V2	1.59 V3
1	3 : 0	4.6	1.7	10	111	130 / 78	-0.42 III	1.59 V3
2	3 : 0	7.0	2.5	12	102	132 / 82	-0.53 III	1.95 V3
Peak Ex	1 : 41	10.2	3.4	14	114	132 / 82	-0.53 III	3.96 V3
Recovery(1)	0 : 54	1.8	1	0	95	132 / 82	-0.42 II	3.72 V3
Recovery(2)	0 : 51	1.0	0	0	96	118 / 80	-0.42 aVR	1.42 V3
Recovery(3)	0 : 43	1.0	0	0	87	118 / 80	-0.32 III	1.06 V2

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Reg. No. 6690 (W.B.S.)

**Patient Details**

Date: 8/14/2021

Time: 11:26:40 AM

Name: sandip sarkar sarkar ID: b54621

Age: 47 y

Sex: M

Height: -- cms

Weight: -- Kgs

**Interpretation**

The patient exercised according to the Bruce protocol for 7 m 41 s achieving a work level of Max. METS : 10.20. Resting heart rate initially 77 bpm, rose to a max. heart rate of 114 ( 56% of P<sub>r</sub>-MHR ) bpm. Resting blood Pressure 124 / 80 mmHg, rose to a maximum blood pressure of 132 / 82 mmHg.

Ref. Doctor: B.O.B

Doctor: -----

Dr. N. S. Sarkar (MBBS, FRCR, DNB(Cardiology), DNB(Cardiology), Reg. No. 64909(MH/MC))

sandip sarkar sarkare (47 M)

Protocol: Bruce

ID: b54621

Date: 8/14/2021 B.P: 124 / 80

Stage: Supine

Speed: 0 mph

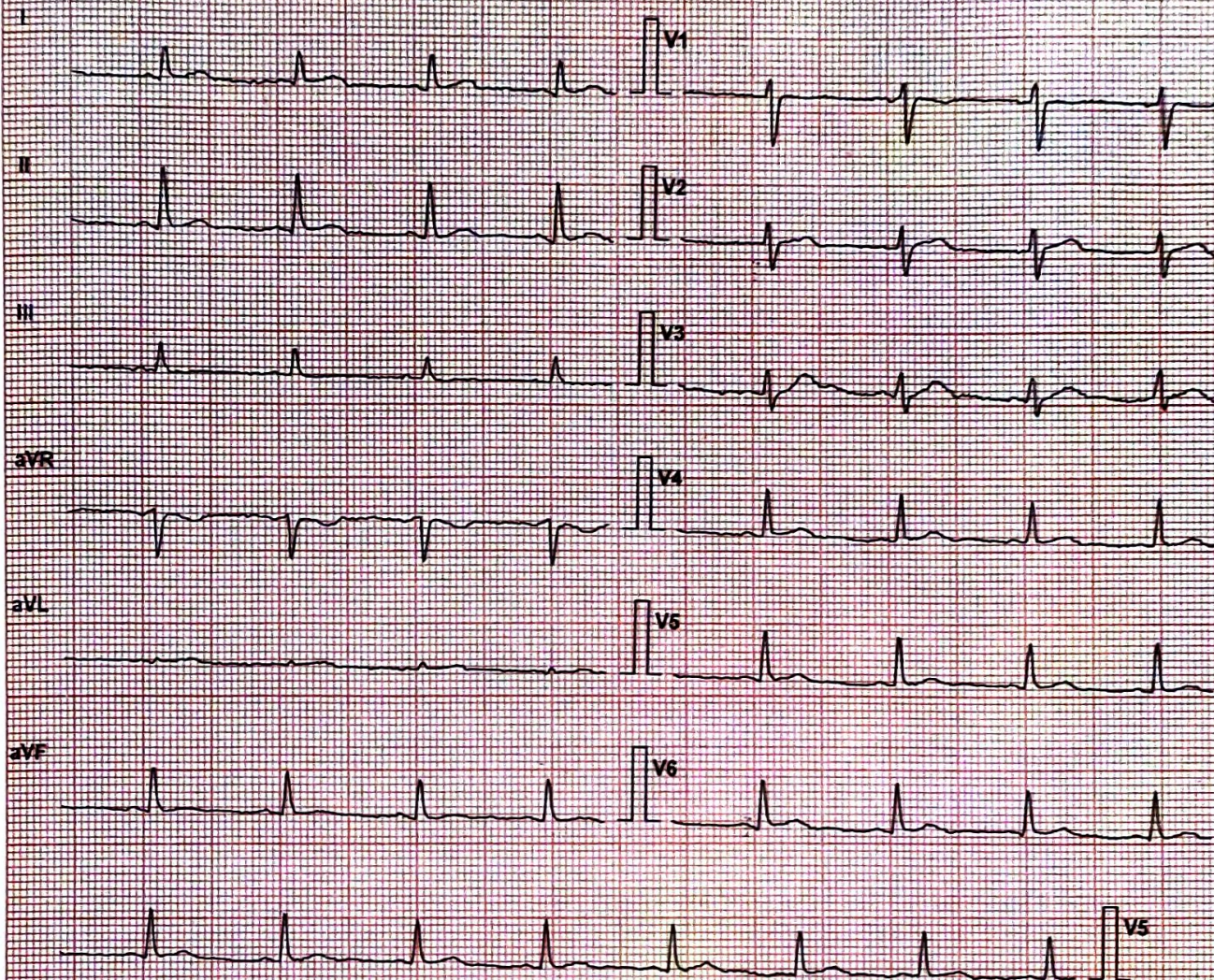
Grade: 0%

Exec Time: 0 m 0 s

Stage Time: 0 m 57 s

HR: 77 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
aVR	0.3	0.2
aVL	0.4	0.5
aVF	0.0	0.0
V1	-0.3	-0.4
V2	0.1	0.2
V3	0.2	0.2
V4	0.0	0.0
V5	0.4	0.4
V6	1.3	1.2

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

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iso = R-60 ms J = R+60 ms

Post J = J+60 ms

sandip sarkar sarkare (47 M)

ID: b54621

Date: 8/14/2021

B.P: 124 / 80

Protocol: Bruce

Stage: Standing

Speed: 0 mph

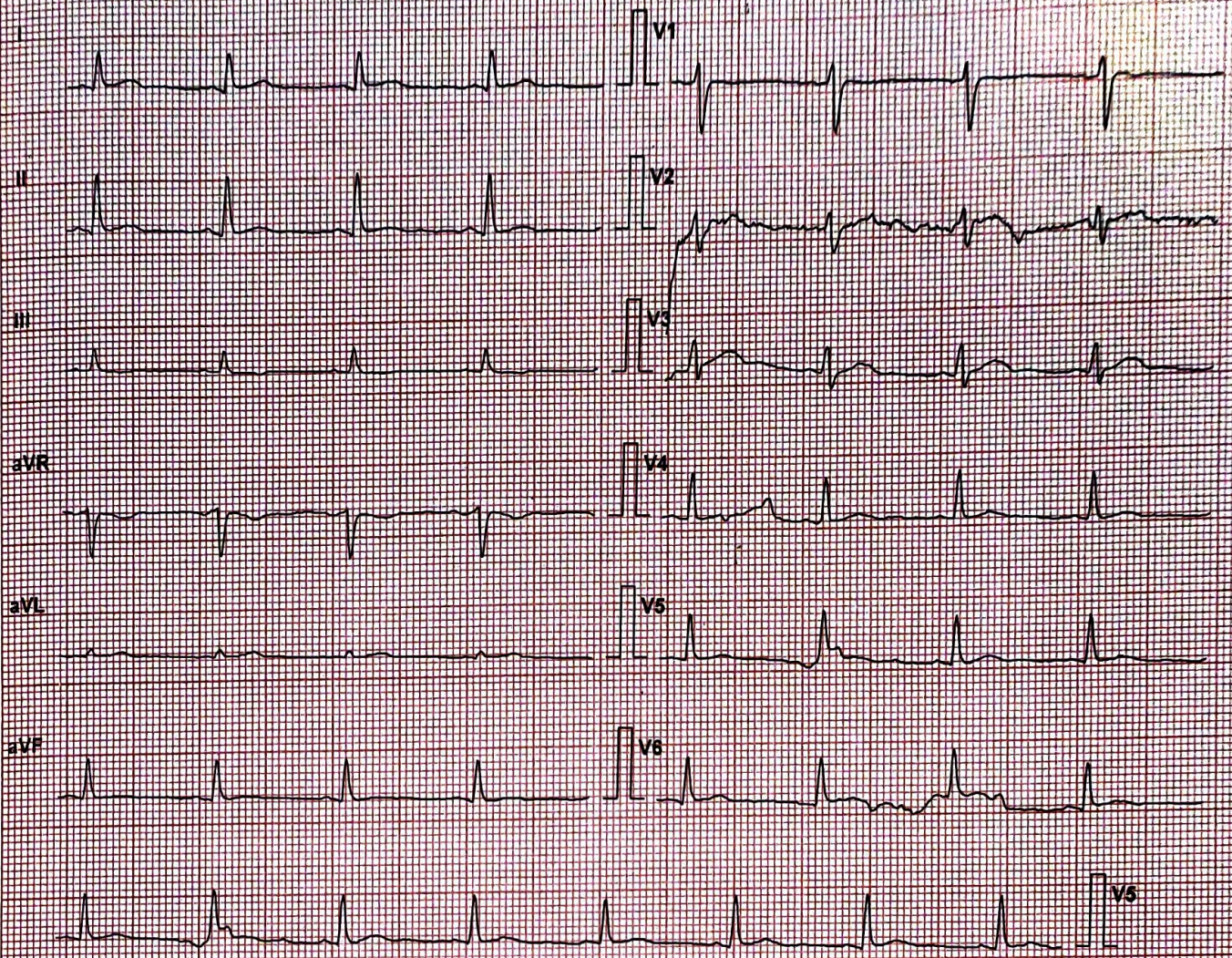
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 1 m 7 s

HR: 75 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.2	0.0
aVR	-0.4	-0.2
V1	0.1	0.0
V4	0.5	0.2
II	0.5	0.5
aVL	0.0	0.0
V2	0.8	0.5
V5	0.4	0.0
III	0.1	0.2
aVF	0.3	0.4
V3	2.1	1.6
V6	0.4	0.0

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

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

Post J = J + 60 ms

sandip sarkar sarkare (47 M)

Protocol: Bruce

Exec Time: 0 m 0 s

ID: b54621

Stage: Hyperventilation

Stage Time: 0 m 52 s

Date: 8/14/2021

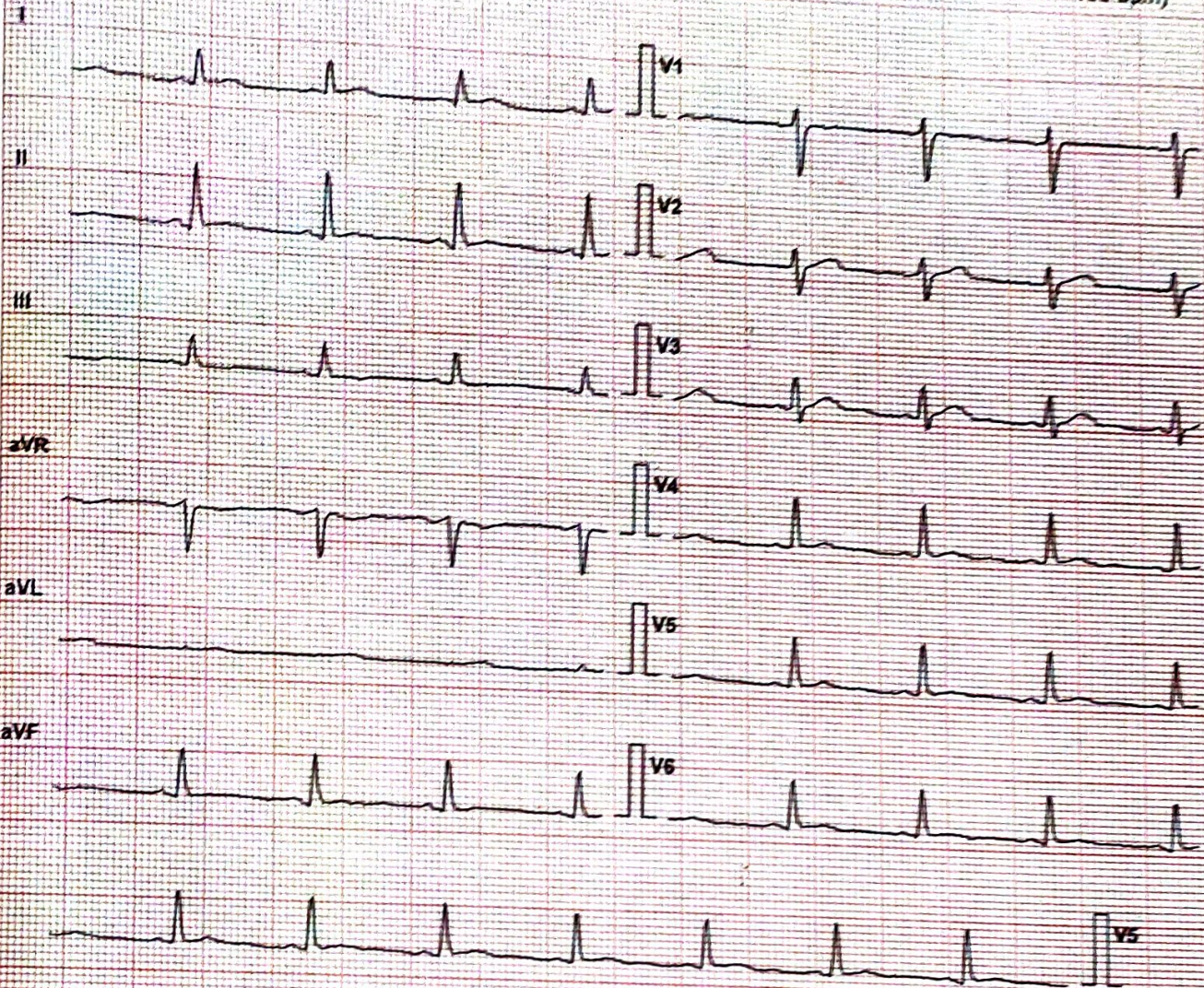
Speed: 0 mph

HR: 78 bpm

B.P: 124 / 80

Grade: 0 %

(THR: 155 bpm)



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

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

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ISO = R - 50 ms

J = R + 50 ms

Post J = J + 60 ms

sandip sarkar sarkare (47 M)

Protocol: Bruce

Exec Time: 3 m 0 s

ID: b54621

Stage: 1

Stage Time: 3 m 0 s

Date: 8/14/2021

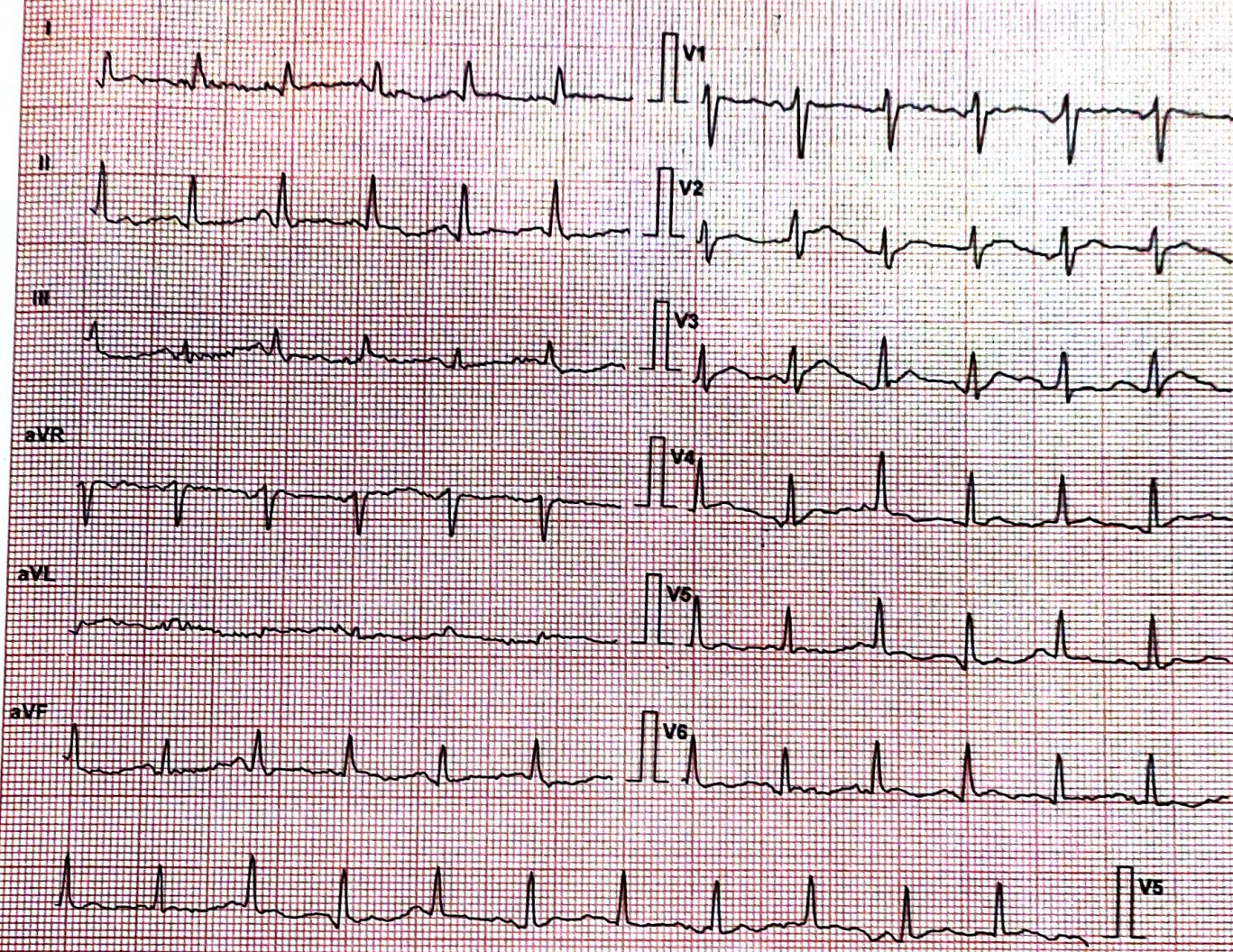
B.P: 130 / 78

Speed: 1.7 mph

Grade: 10 %

HR: 111 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
aVR	0.2	0.4
V1	-0.2	-0.4
V4	0.3	0.0
V5	0.5	0.5
aVL	0.3	0.5
V2	0.0	0.0
V5	0.8	0.9
V6	0.1	0.4
aVF	0.0	0.0
V3	0.1	0.4
V6	1.5	1.4
V6	0.2	0.4

Chart Speed: 25 mm/sec      Filter: 35 Hz      Mains Filt: ON      Amp: 10 mm

© Schiller Healthcare India Pvt. Ltd. V.4.12      Iso - R - 60 ms      J - R + 60 ms      Post J - J + 60 ms

sandip sarkar sarkare (47 M)

ID: b54621

Date: 8/14/2021

B.P: 132 / 82

Protocol: Bruce

Stage: 2

Speed: 2.5 mph

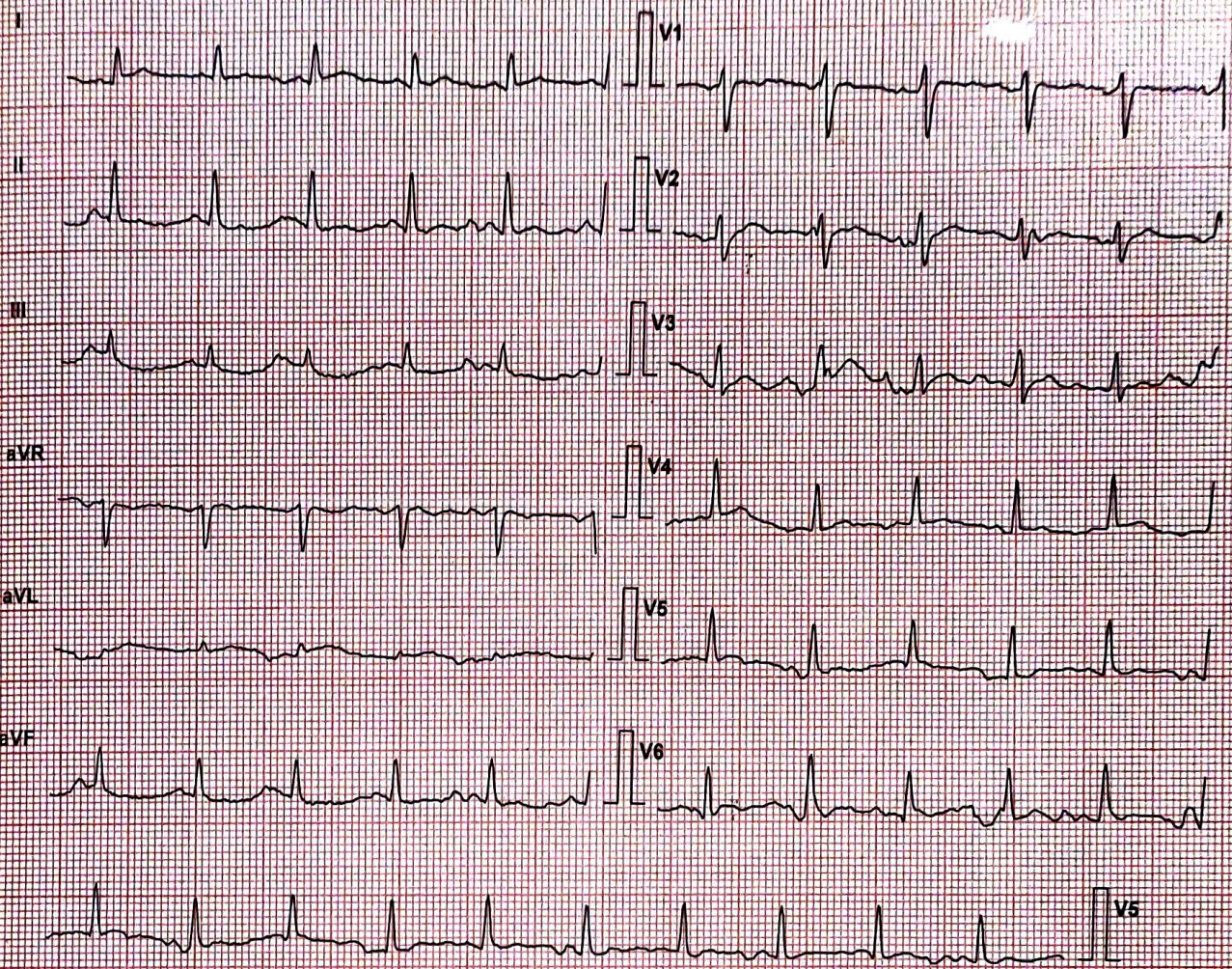
Grade: 12 %

Exec Time : 6 m 0 s

Stage Time : 3 m 0 s

HR: 102 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.4	0.5
II	0.5	1.2
III	0.1	0.5
aVR	-0.3	-0.7
aVL	0.0	0.0
aVF	0.4	0.9
V1	0.1	-0.2
V2	0.4	0.0
V3	1.2	1.8
V4	0.1	0.5
V5	0.0	0.4
V6	0.0	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

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

Post J = J + 60 ms

sandip sarkar sarkare (47 M)

Protocol: Bruce

ID: b54621

Date: 8/14/2021

B.P: 132 / 82

Exec Time : 7 m 41 s

Stage: Peak Ex

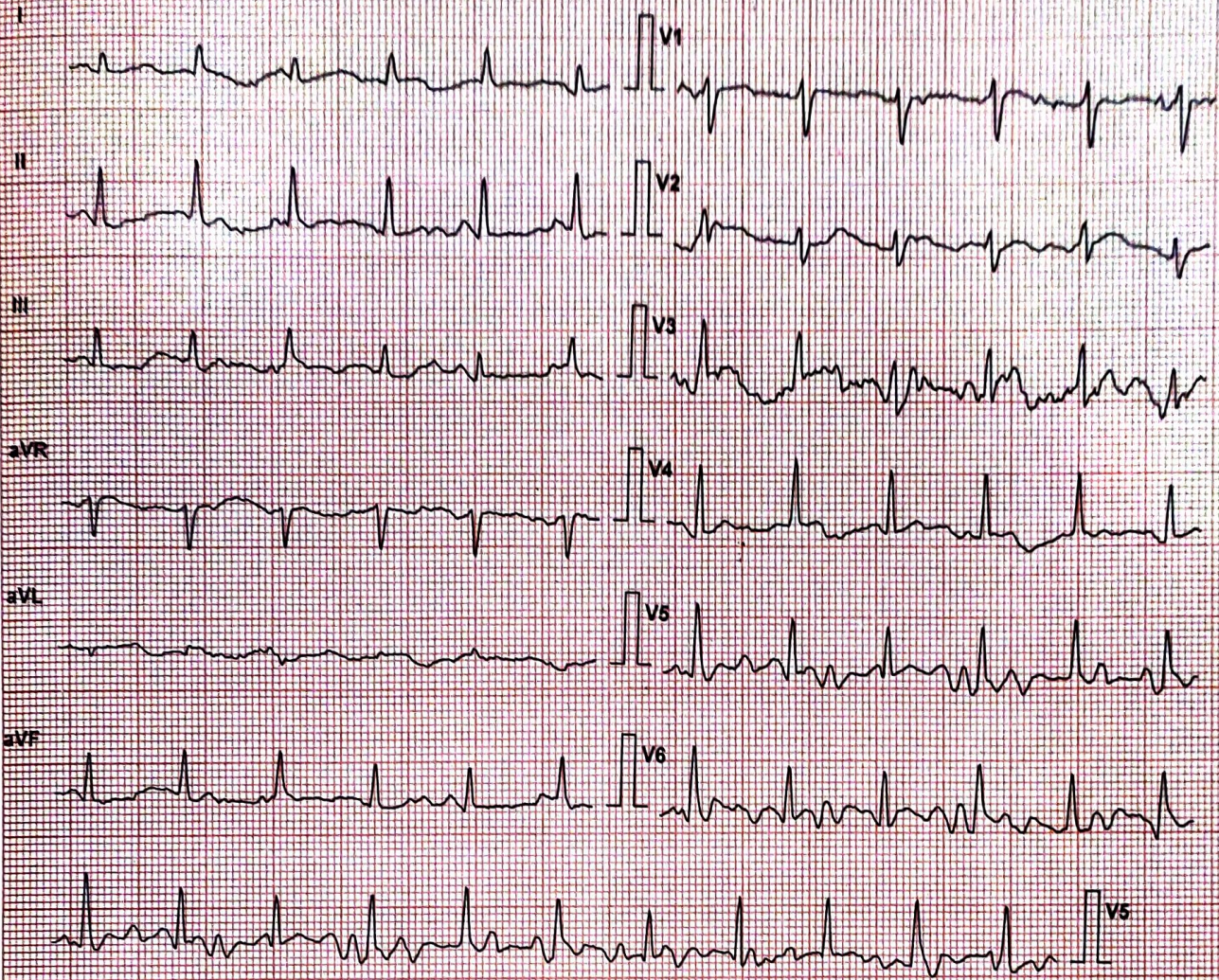
Speed: 3.4 mph

Grade: 14 %

Stage Time : 1 m 41 s

HR: 114 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
aVR	0.2	-0.2
V1	-0.2	-0.5
V4	0.1	-0.4
V5	0.1	0.5
aVL	0.2	0.7
V2	0.0	-0.2
V5	1.1	0.5
V5	-0.2	-0.7
aVF	-0.1	0.5
V3	0.0	0.7
V6	0.8	-0.2
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



sandip sarkar sarkare (47 M)

ID: b54621

Date: 8/14/2021

B.P: 132 / 82

Protocol: Bruce

Stage: Recovery(1)

Speed: 0 mph

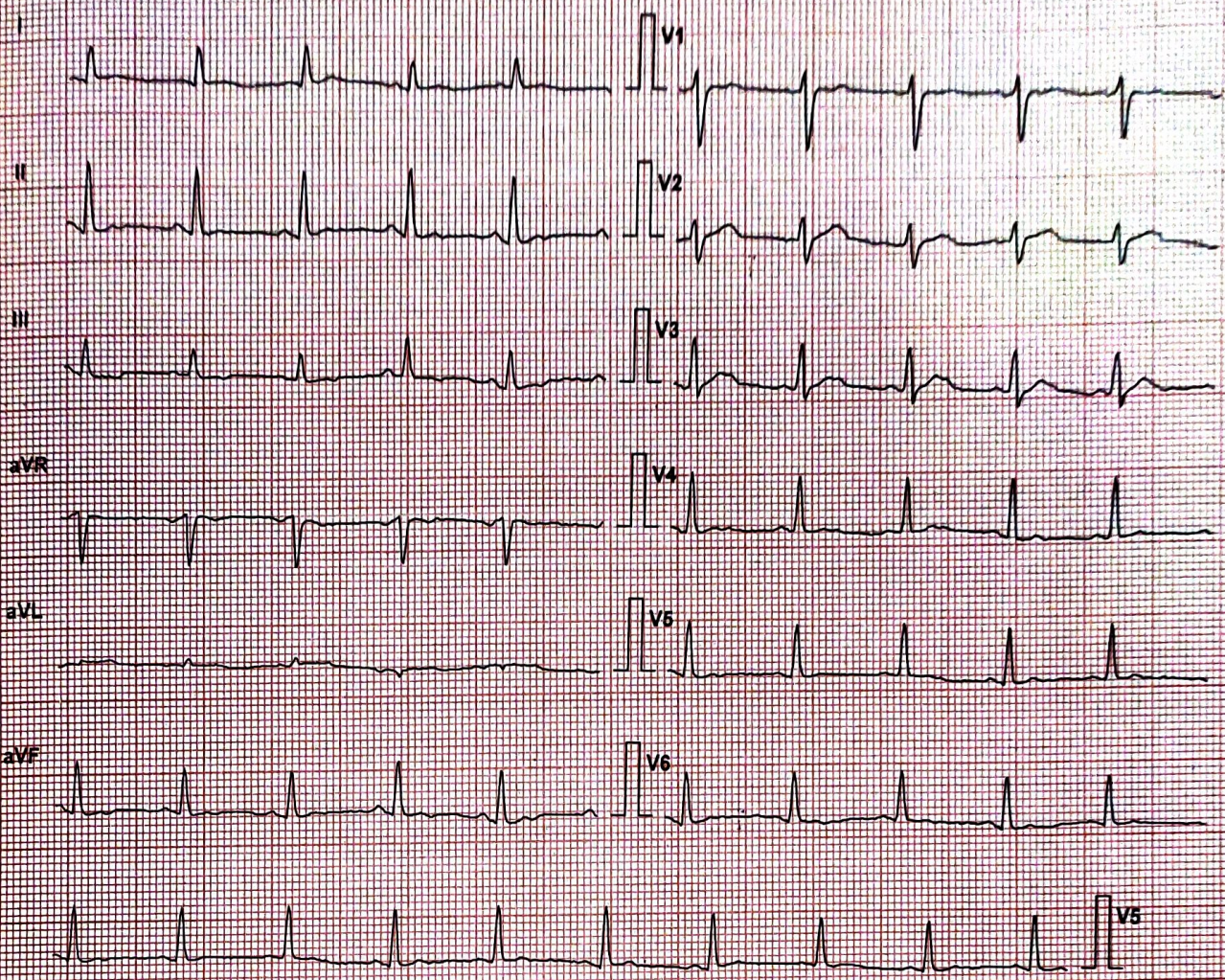
Grade: 0 %

Exec Time : 7 m 41 s

Stage Time : 0 m 54 s

HR: 95 bpm

(THR: 155 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
aVR	0.3	0.4
V1	-0.3	-0.5
V4	0.1	0.0
V4	0.4	0.7
II	0.3	0.7
aVL	0.1	0.2
V2	0.7	0.9
V5	0.3	0.4
III	-0.1	0.2
aVF	0.2	0.5
V3	1.3	1.4
V6	0.2	0.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

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

Past J = J + 60 ms

sandip sarkar sarkare (47 M)

ID: b54621

Date: 8/14/2021

B.P: 118 / 80

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

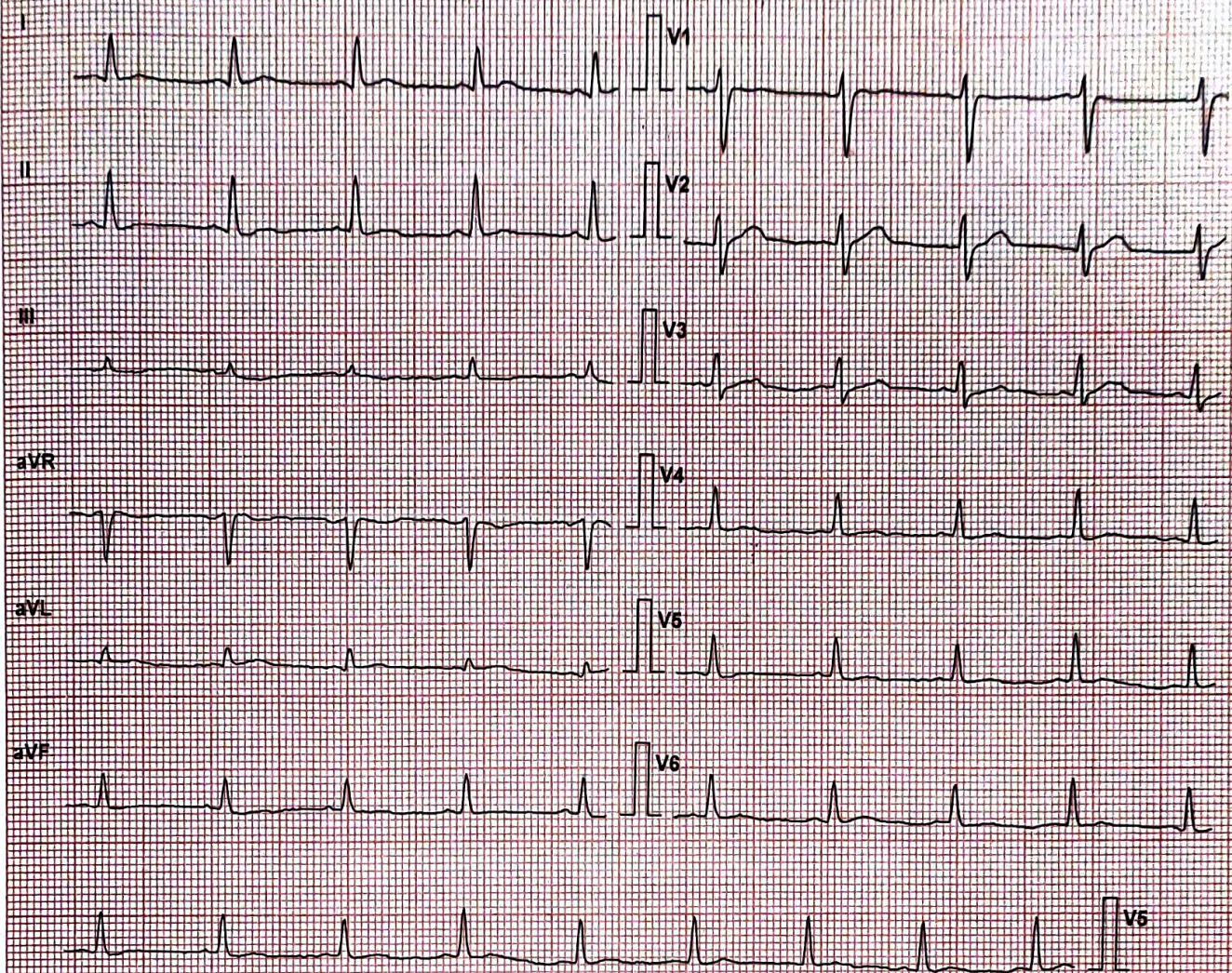
Grade: 0 %

Exec Time : 7 m 41 s

Stage Time : 0 m 51 s

HR: 96 bpm

(THR: 155 bpm)



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

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

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

Post J = J + 60 ms