

**Patient Details**

Date: 3/12/2022

Time: 10:25:37 AM

Name: shipra jena ID: b0b0302202214

Age: 29 y

Sex: F

Height: -- cms

Weight: -- Kgs

Clinical History: not found

Medications: not any

**Test Details**

Protocol: Bruce

Pr.MHR: 191 bpm

THR: 171 (90 % of Pr.MHR) bpm

Total Exec. Time: 5 m 3 s

Max. HR: 113 ( 59% of Pr.MHR )bpm

Max. Mets: 10.20

Max. BP: 126 / 85 mmHg

Max. BP x HR: 14238 mmHg/min

Min. BP x HR: 6232 mmHg/min

Test Termination Criteria: ther 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 : 30	1.0	0	0	79	122 / 82	-0.21 aVL	0.35 V5
Standing	0 : 10	1.0	0	0	82	122 / 82	-0.11 aVL	0.35 V5
Hyperventilation	0 : 20	1.0	0	0	87	122 / 82	-0.21 aVL	0.35 III
1	1 : 30	4.6	1.7	10	113	125 / 84	-0.42 aVL	1.42 V5
2	1 : 30	7.0	2.5	12	102	126 / 85	-0.42 aVL	-0.88 V5
Peak Ex	2 : 3	10.2	3.4	14	102	126 / 85	-0.96 V3	1.42 V3
Recovery(1)	0 : 16	1.8	1	0	94	122 / 84	-0.64 I	-0.71 I
Recovery(2)	0 : 12	1.0	0	0	97	122 / 84	-0.32 I	0.53 III
Recovery(3)	0 : 36	1.0	0	0	81	122 / 84	-0.21 aVL	0.35 III
Recovery(4)	0 : 19	1.0	0	0	76	122 / 84	-0.21 aVL	0.53 V3

**Interpretation**

The patient exercised according to the Bruce protocol for 5 m 3 s achieving a work level of Max. METS : 10.20. Resting heart rate initially 79 bpm, rose to a max. heart rate of 113 ( 59% of Pr.MHR ) bpm. Resting blood Pressure 122 / 82 mmHg, rose to a maximum blood pressure of 126 / 85 mmHg.

Ref. Doctor: B.O.B

( Summary Report edited by user )

Dr. **K. Sankar Das**  
 Doctor, MBS(Hons), MD(Med),  
 MCh(Cardiol), DNB(Cardiol)  
 Reg. No. - 64909 (WBMC)  
 (c) Schiller Healthcare India Pvt. Ltd. V 4.12

shipra jena (29 F)

ID: b0b0302202214

Date: 3/12/2022

B.P: 122 / 82

Protocol: Bruce

Stage: Supine

Speed: 0 mph

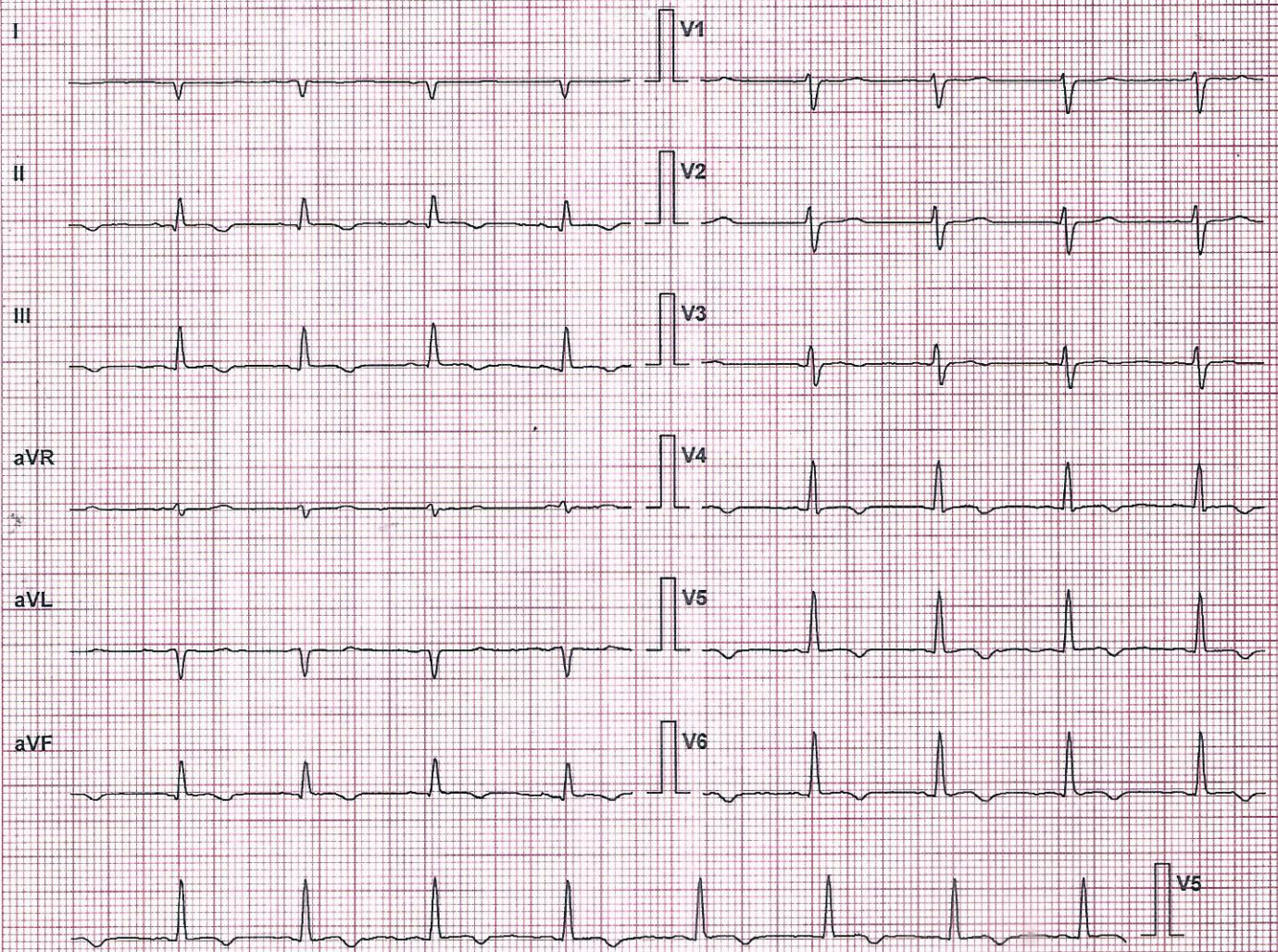
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 30 s

HR: 79 bpm

(THR: 171 bpm)



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

shipra jena (29 F)

ID: b0b0302202214

Date: 3/12/2022

B.P: 122 / 82

Protocol: Bruce

Stage: Standing

Speed: 0 mph

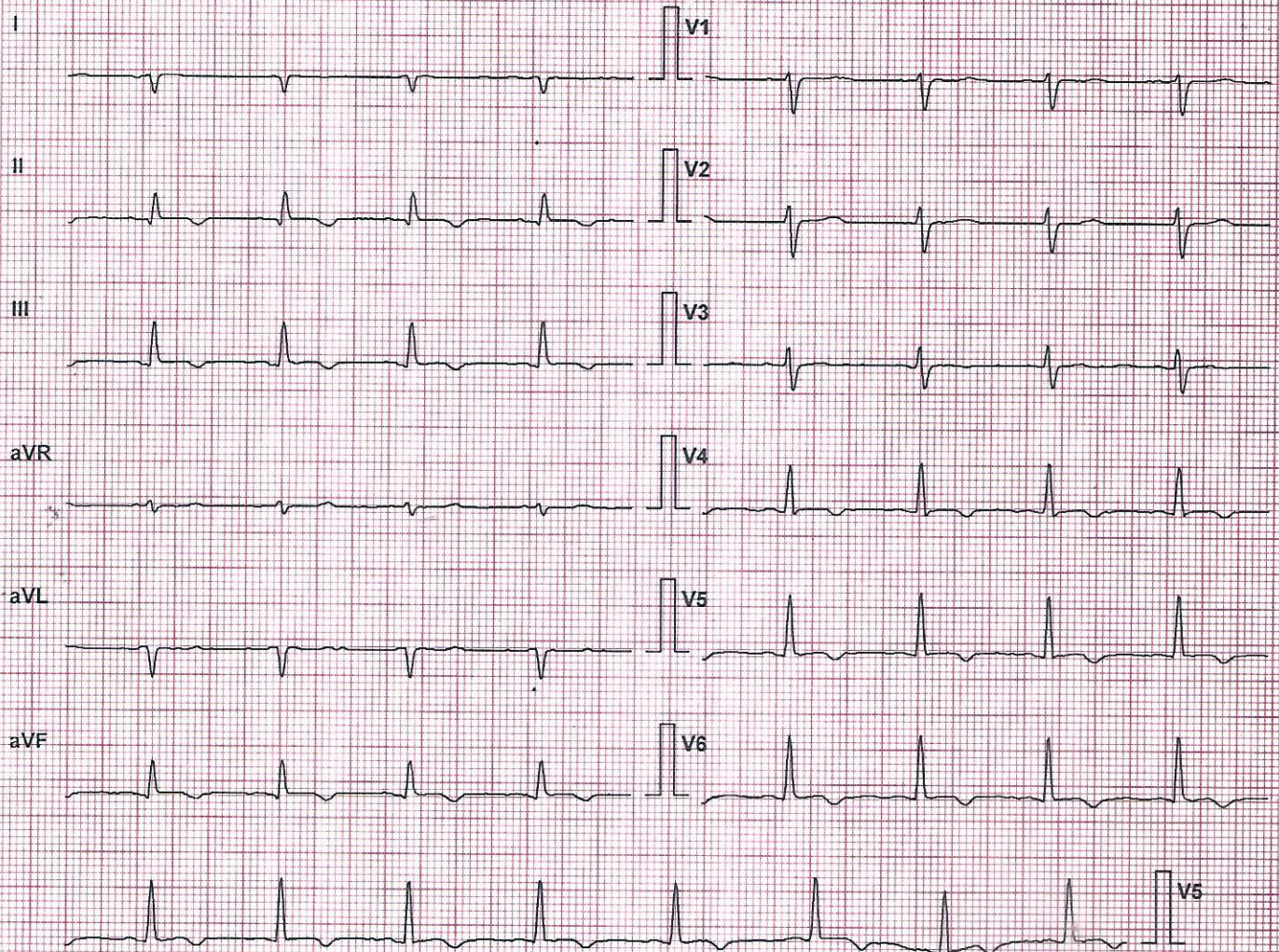
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 10 s

HR: 82 bpm

(THR: 171 bpm)



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

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

shipra jena (29 F)

ID: b0b0302202214

Date: 3/12/2022

B.P: 122 / 82

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

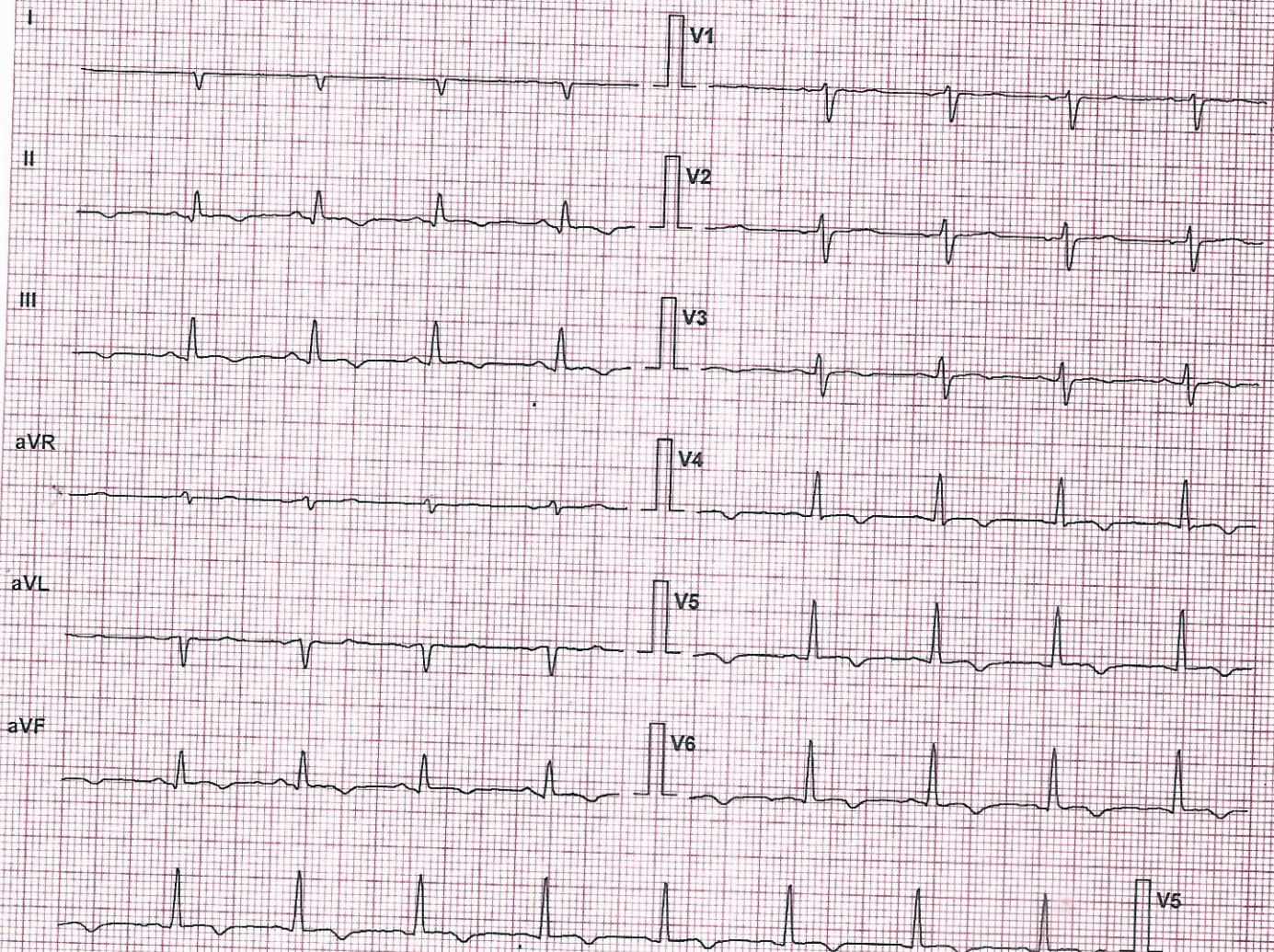
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 20 s

HR: 87 bpm

(THR: 171 bpm)



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

shipra jena (29 F)

ID: b0b0302202214

Date: 3/12/2022

B.P: 126 / 84

Protocol: Bruce

Stage: Pre Test

Speed: 0.5 mph

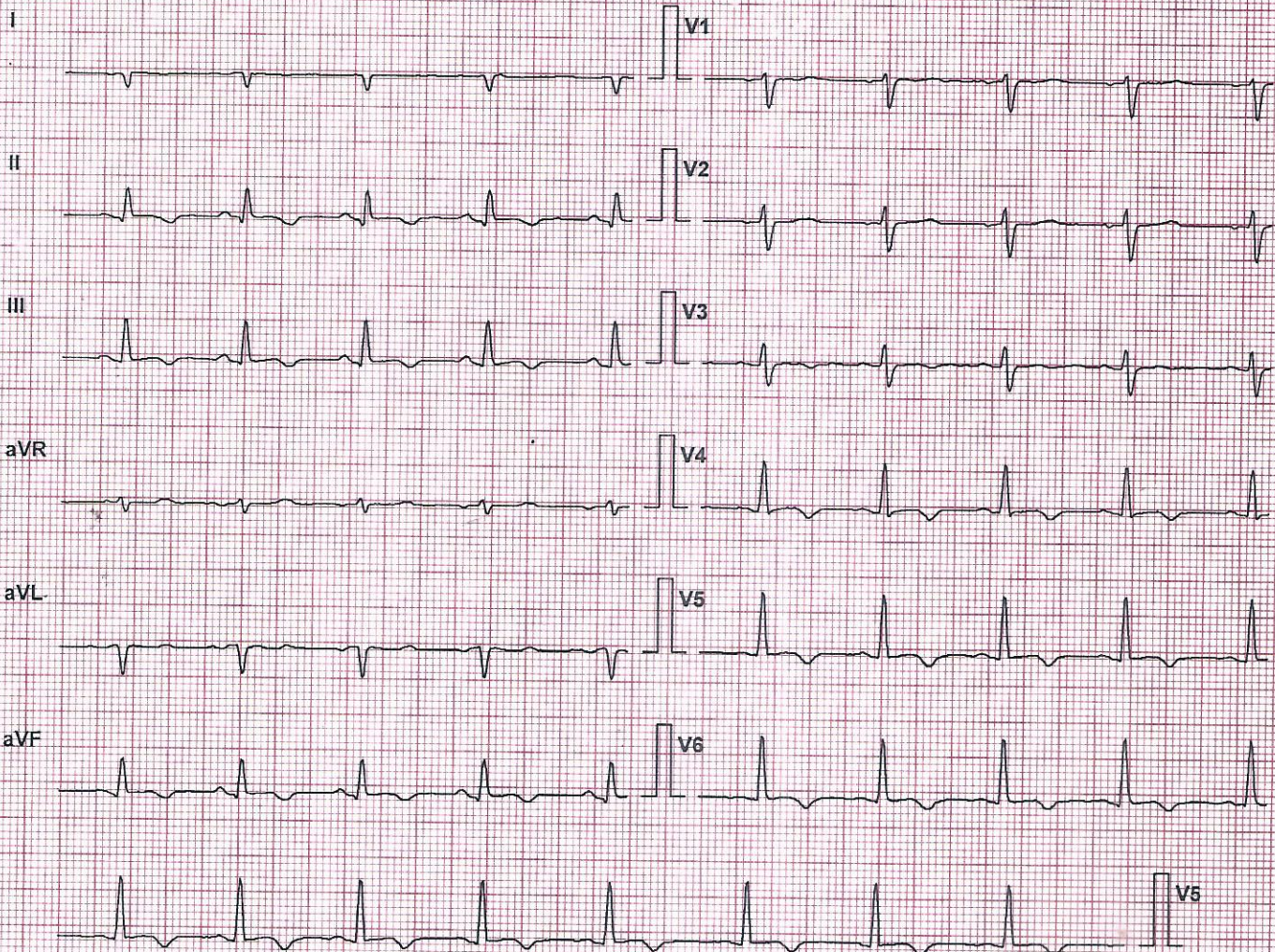
Grade: 0.5 %

Exec Time : 0 m 0 s

Stage Time : 0 m 0 s

HR: 84 bpm

(THR: 171 bpm)



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

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

shipra jena (29 F)

Protocol: Bruce

Exec Time : 1 m 30 s

ID: b0b0302202214

Stage: 1

Stage Time : 1 m 30 s

Date: 3/12/2022

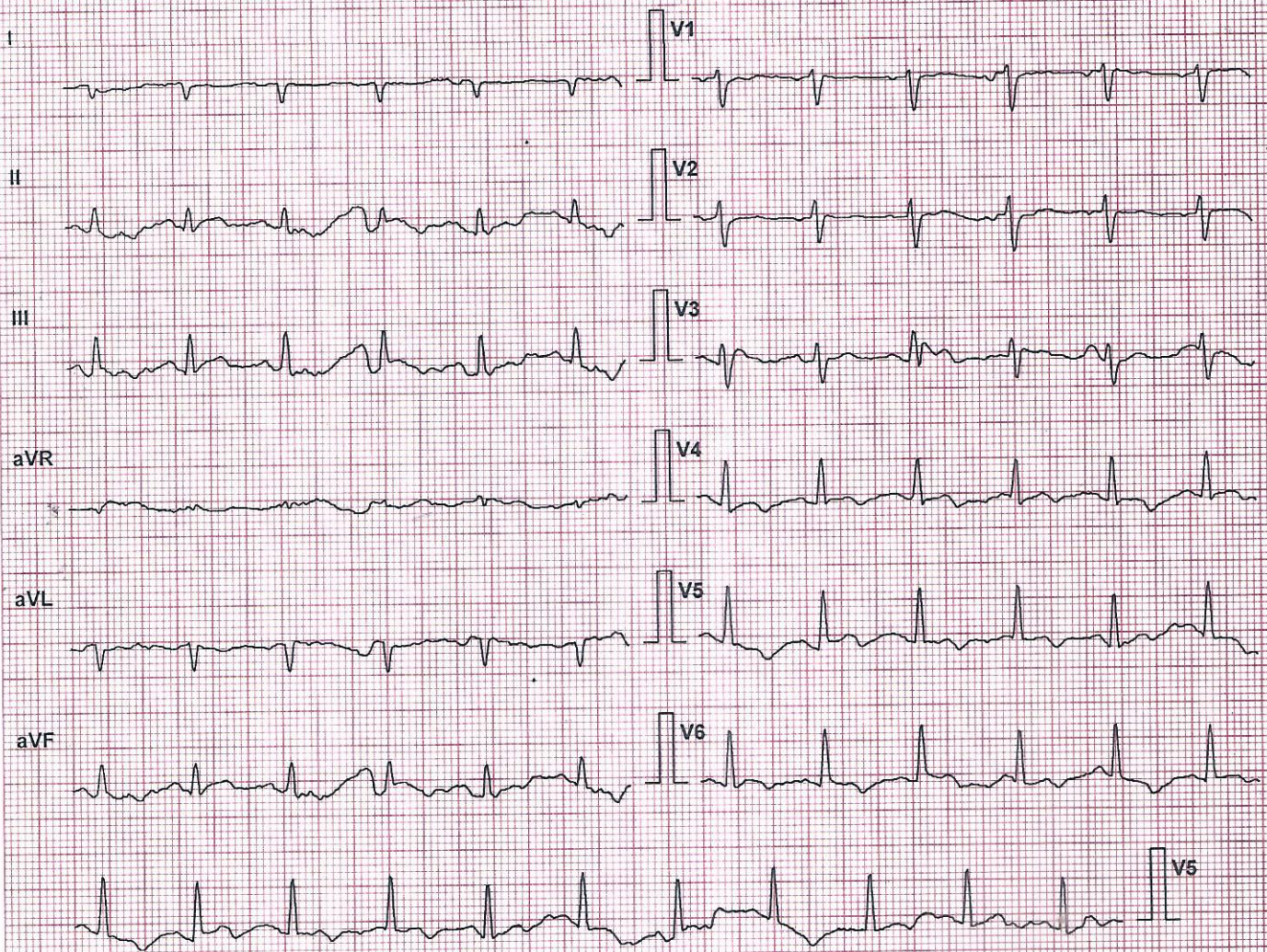
B.P: 125 / 84

Speed: 1.7 mph

Grade: 10 %

HR: 113 bpm

(THR: 171 bpm)



	I	aVR	V1	V4	ST Level (mm)	ST Slope (mV/s)
I	-0.2	0.0	-0.1	0.1	0.1	0.5
II	-0.5	0.4	-0.2	0.5	0.1	0.5
II	0.3	-0.4	0.0	0.1	0.1	0.5
	0.0	-0.5	0.0	0.5	0.1	0.5
III	0.7	0.5	0.0	0.2	0.2	0.5
	0.7	0.4	0.2	0.5	0.2	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

shipra jena (29 F)

ID: b0b0302202214

Date: 3/12/2022

B.P: 126 / 85

Protocol: Bruce

Stage: 2

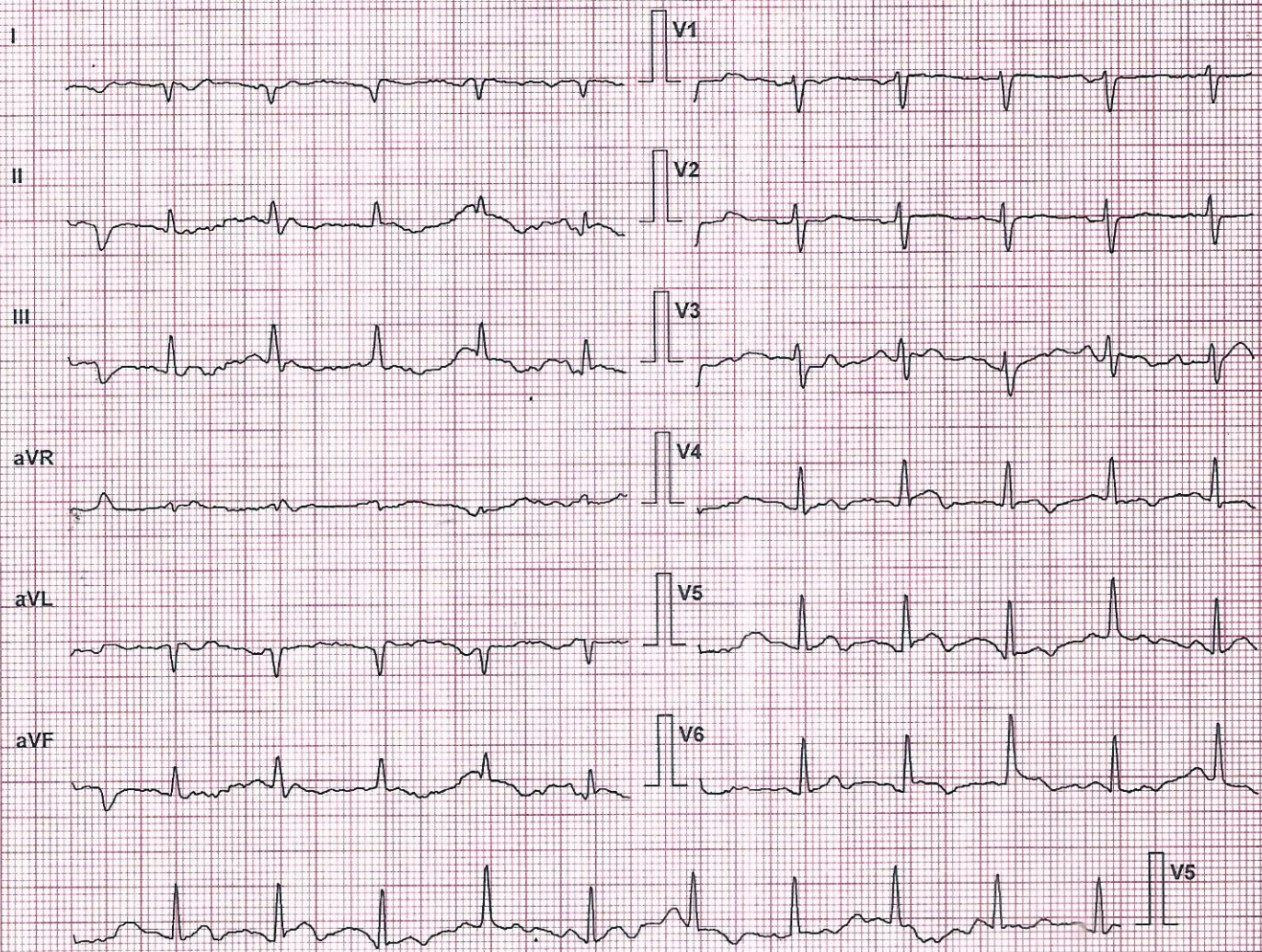
Speed: 2.5 mph

Grade: 12 %

Exec Time : 3 m 0 s

Stage Time : 1 m 30 s

HR: 102 bpm (THR: 171 bpm)



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

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

Shipra jena (29 F)

Protocol: Bruce

Exec Time : 5 m 3 s

ID: b0b0302202214

Stage: Peak Ex

Stage Time : 2 m 3 s

Date: 3/12/2022

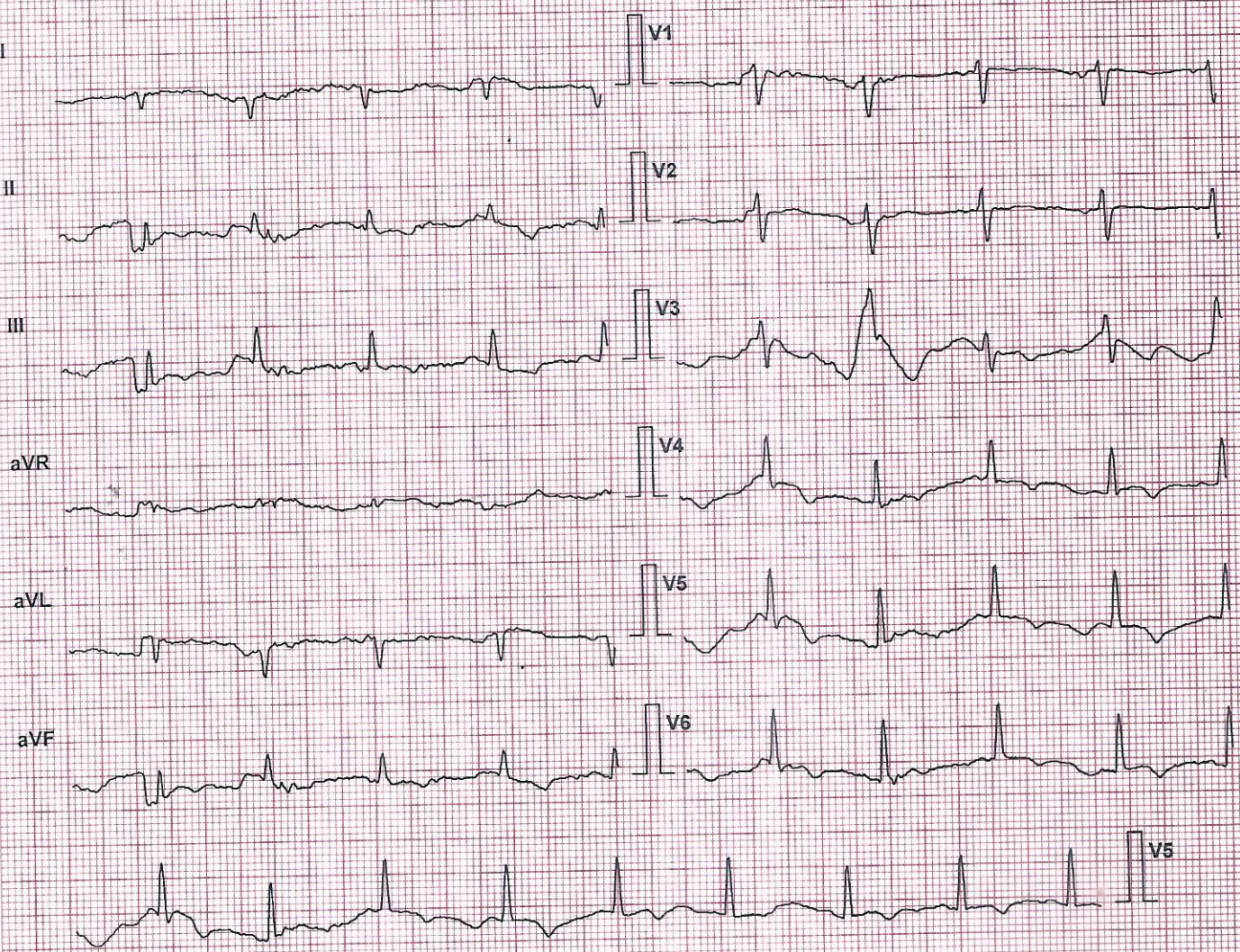
Speed: 3.4 mph

HR: 102 bpm

B.P: 126 / 85

Grade: 14 %

(THR: 171 bpm)



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

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



shipra jena (29 F)

ID: b0b0302202214

Date: 3/12/2022

B.P: 122 / 84

Protocol: Bruce

Stage: Recovery(1)

Speed: 0 mph

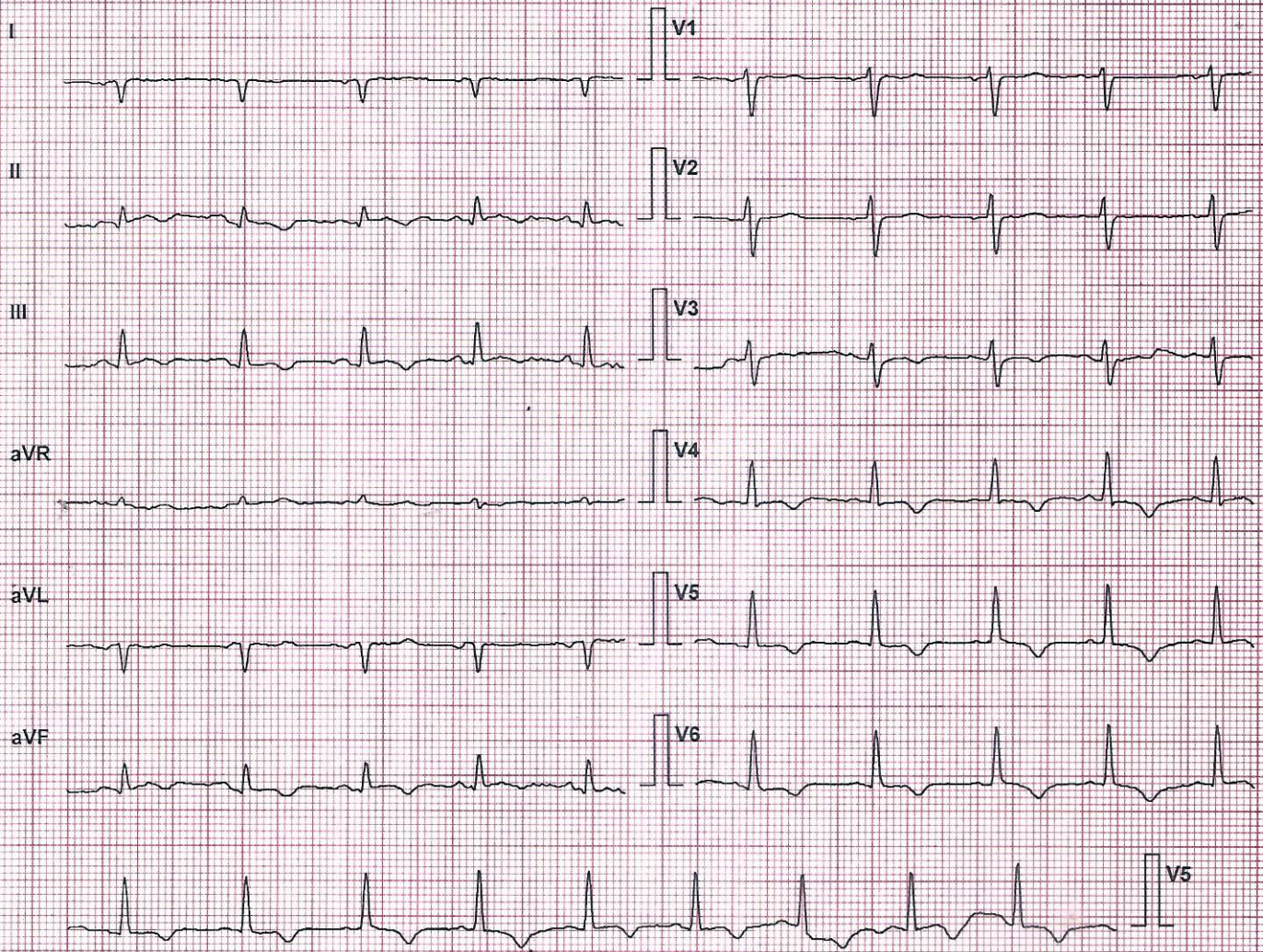
Grade: 0 %

Exec Time : 5 m 3 s

Stage Time : 0 m 16 s

HR: 94 bpm

(THR: 171 bpm)



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

Shipra jena (29 F)

ID: b0b0302202214

Date: 3/12/2022

B.P: 122 / 84

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

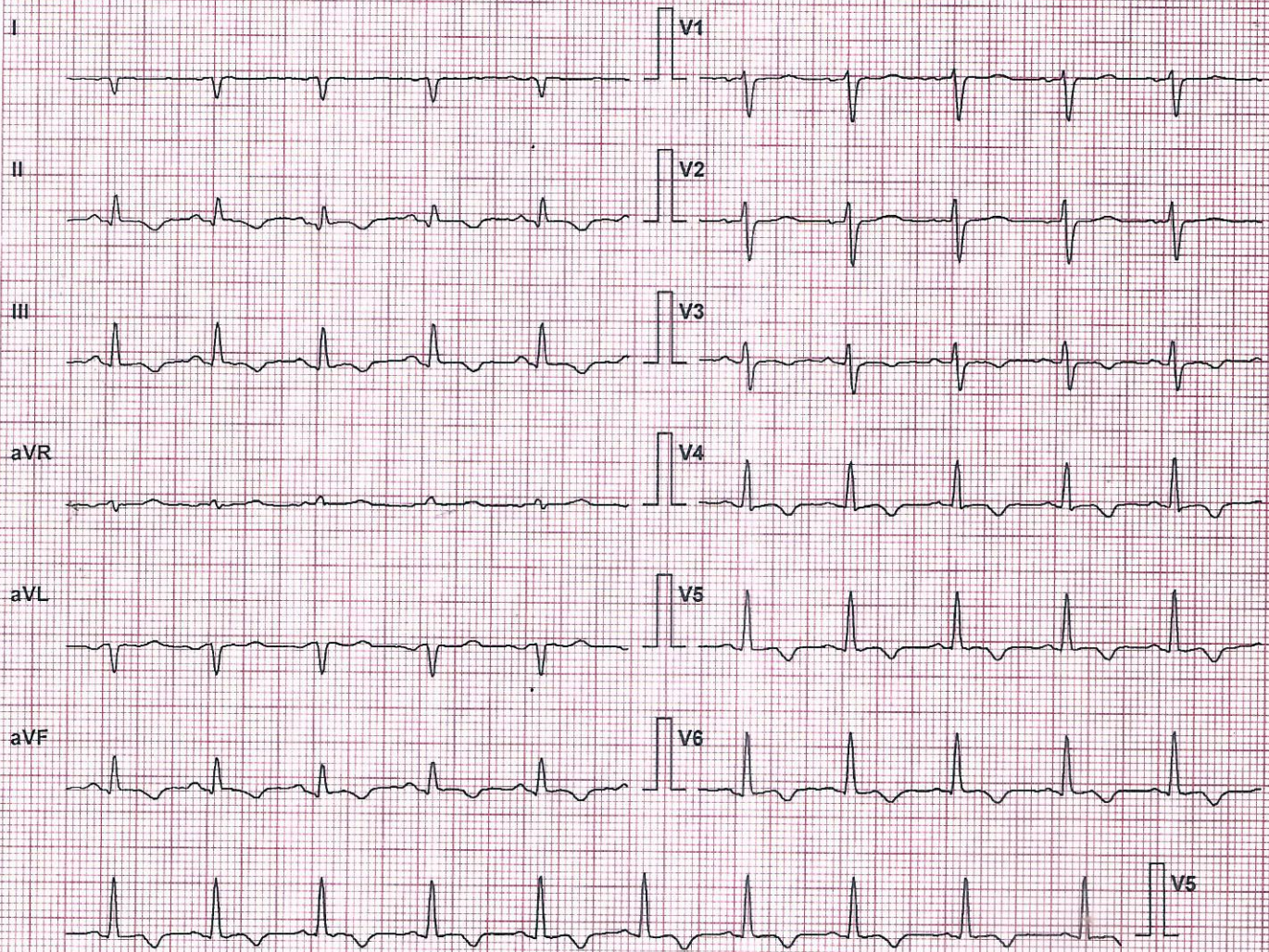
Grade: 0 %

Exec Time : 5 m 3 s

Stage Time : 0 m 12 s

HR: 97 bpm

(THR: 171 bpm)



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

Patna (29 F)

Protocol: Bruce

Time: 5 m 3 s

ID: b0b0302202214

Date: 3/12/2022

B.P: 122 / 84

Stage: Recovery(3)

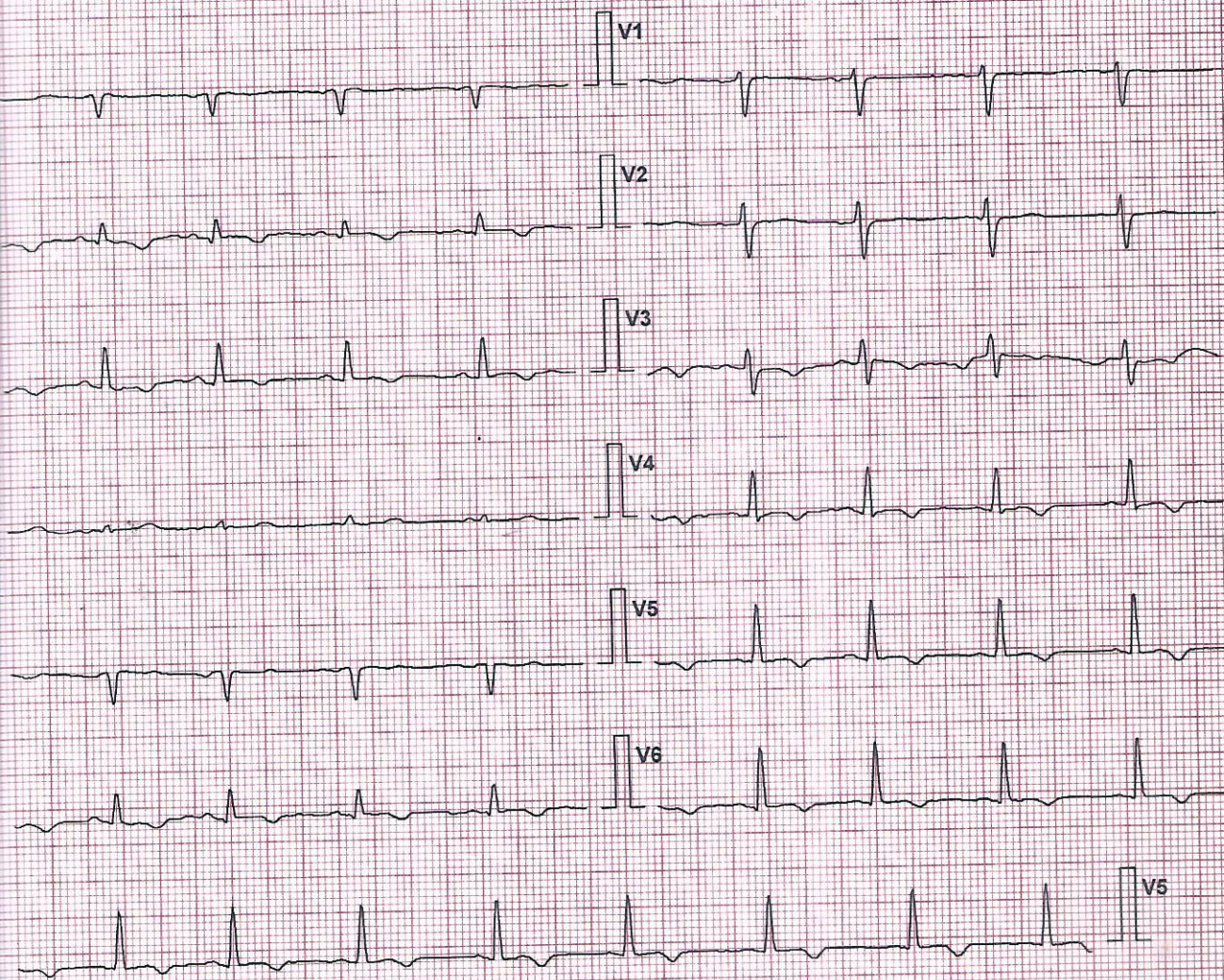
Speed: 0 mph

Grade: 0 %

Stage Time: 0 m 36 s

HR: 81 bpm

(THR: 171 bpm)



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

Paper Speed: 25 mm/sec      Filter: 35 Hz      Mains Filt: ON      Amp: 10 mm  
 Manufacturer: Philips Healthcare India Pvt. Ltd. V 4.12      Iso = R - 60 ms      J = R + 60 ms      Post J = J + 60 ms

shipra jena (29 F)

ID: b0b0302202214

Date: 3/12/2022

B.P: 122 / 84

Protocol: Bruce

Stage: Recovery(4)

Speed: 0 mph

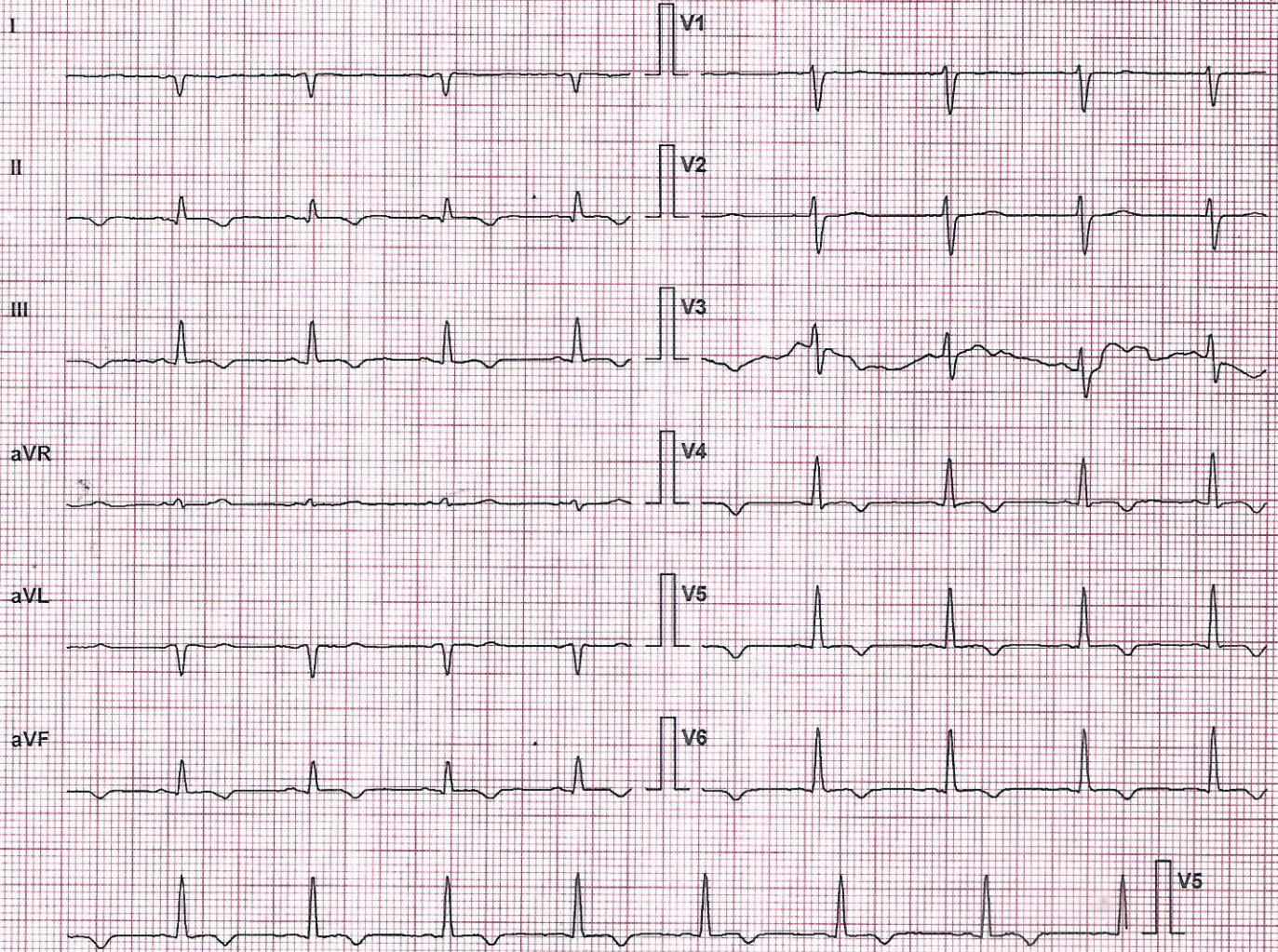
Grade: 0 %

Exec Time : 5 m 3 s

Stage Time : 0 m 0 s

HR: 79 bpm

(THR: 171 bpm)



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

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