



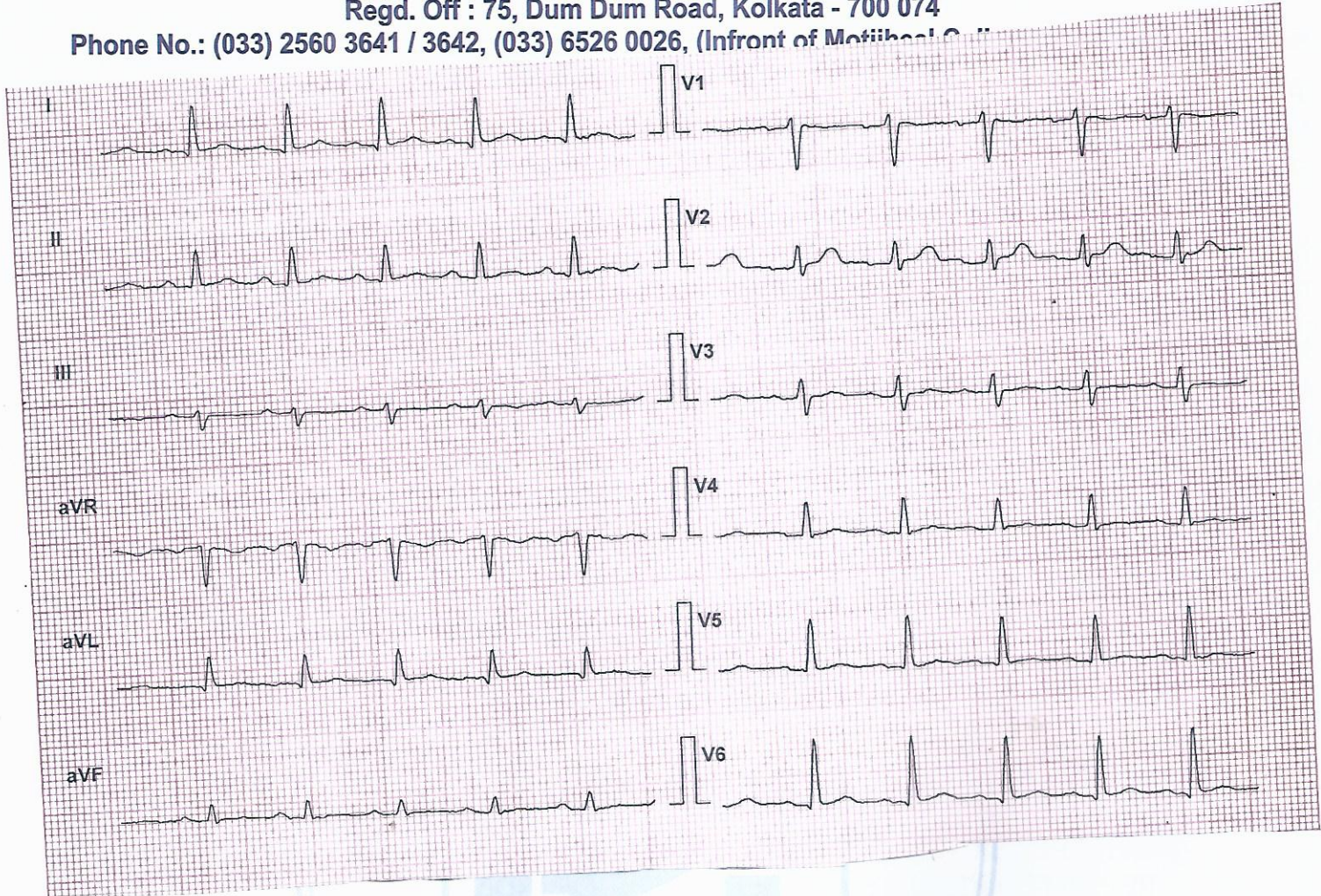
# Patho Treat

DIAGNOSTIC CENTRE & POLYCLINIC

TEST REPORT

Regd. Off : 75, Dum Dum Road, Kolkata - 700 074

Phone No.: (033) 2560 3641 / 3642, (033) 6526 0026, (Infront of Motiheel)



Santa Saha

35yrs / male  
ref by B.O.B  
10/7/21

A/R - 102 bpm  
Sinus Tachycardia  
BP ———  
normal ECG  
|

Dr. Uday Sankar Das  
MBBS(Hons.), MD(Med).  
DM(Cardio), DNB(Cardio)  
Reg. No. - 64909(WBMC)



**Patient Details**

Date: 7/10/2021

Time: 12:30:40 PM

Name: santu saha ID: b546546132

Age: 35 y

Sex: M

Clinical History: active

Height:-- cms

Weight:-- Kgs

Medications: not any

**Test Details**

Protocol: Bruce

Pr.MHR: 185 bpm

THR: 166 (90 % of Pr.MHR) bpm

Total Exec. Time: 5 m 55 s

Max. HR: 123 (66% of Pr.MHR ) bpm

Max. Mets: 7.00

Max. BP: 150 / 88 mmHg

Max. BP x HR: 18450 mmHg/min

Min. BP x HR: 8160 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	1 : 54	1.0	0	0	102	122 / 80	-4.25 V2	4.42 V2
Standing	0 : 50	1.0	0	0	102	122 / 80	-0.42 aVR	1.24 V2
Hyperventilation	1 : 50	1.0	0	0	107	122 / 80	-5.41 V4	-3.18 V4
1	3 : 0	4.6	1.7	10	123	150 / 88	-3.72 V2	-5.66 V2
Peak Ex	2 : 55	7.0	2.5	12	119	142 / 86	-1.17 V2	2.30 V2
Recovery(1)	1 : 0	1.8	1	0	109	142 / 86	-0.74 aVR	1.24 V2
Recovery(2)	1 : 0	1.0	0	0	110	142 / 86	-1.59 V1	1.06 II
Recovery(3)	0 : 45	1.0	0	0	105	142 / 86	-0.74 III	1.77 V2

Dr. Uday Shankar Das  
 MBBS(Hons.), MD(Med),  
 DM(Cardiol), DNB(Cardiol)  
 Reg. No. - 54909(MBMC)



**Patient Details**

Date: 7/10/2021      Time: 12:30:40 PM  
Name: santu saha ID: b546546132  
Age: 35 Y      Sex: M      Height: -- cms      Weight: -- Kgs

**Interpretation**

The patient exercised according to the Bruce protocol for 5 m 55 s achieving a work level of Max. METS : 7.00. Resting heart rate initially 102 bpm, rose to a max. heart rate of 123 ( 66% of Pr.MHR ) bpm. Resting blood Pressure 122 / 80 mmHg, rose to a maximum blood pressure of 150 / 88 mmHg.

Ref. Doctor: B. O. B

Doctor: -----

**Dr. Sankar Das**  
MBBS (Hons.), MD (Med),  
DM (Cardio), DNB (Cardio)  
Reg. No. - 64302 (WBMC)



santu saha (35 M)

ID: b546546132

Date: 7/10/2021

B.P: 122 / 80

Protocol: Bruce

Stage: Supine

Speed: 0 mph

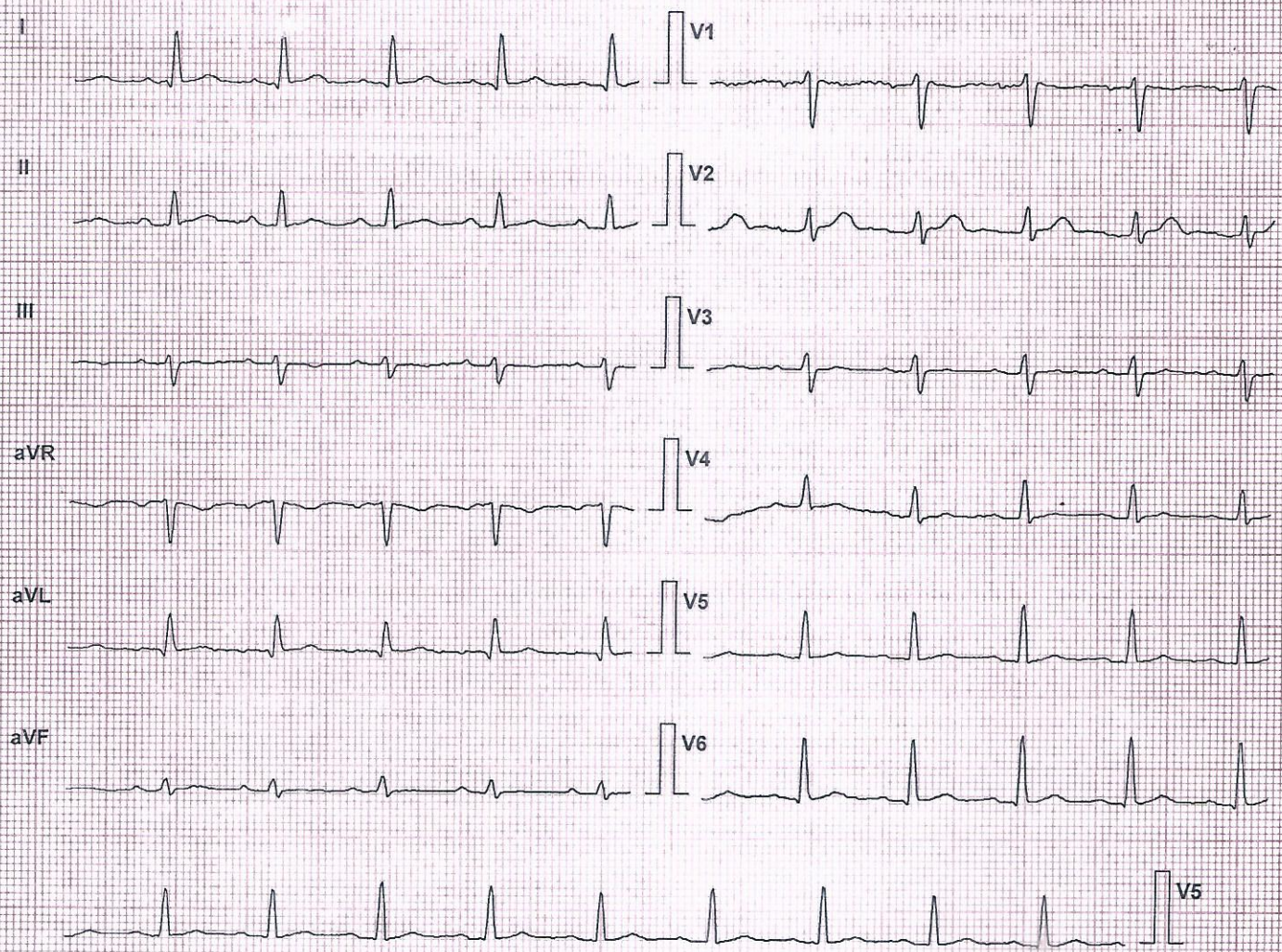
Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 1 m 54 s

HR: 102 bpm

(THR: 166 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.4	0.5
II	0.3	0.4
III	0.0	0.0
aVR	-0.4	-0.4
aVL	0.1	0.2
aVF	0.1	0.0
V1	0.1	-0.2
V2	0.8	0.5
V3	0.3	0.4
V4	3.1	0.9
V5	0.5	0.7
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

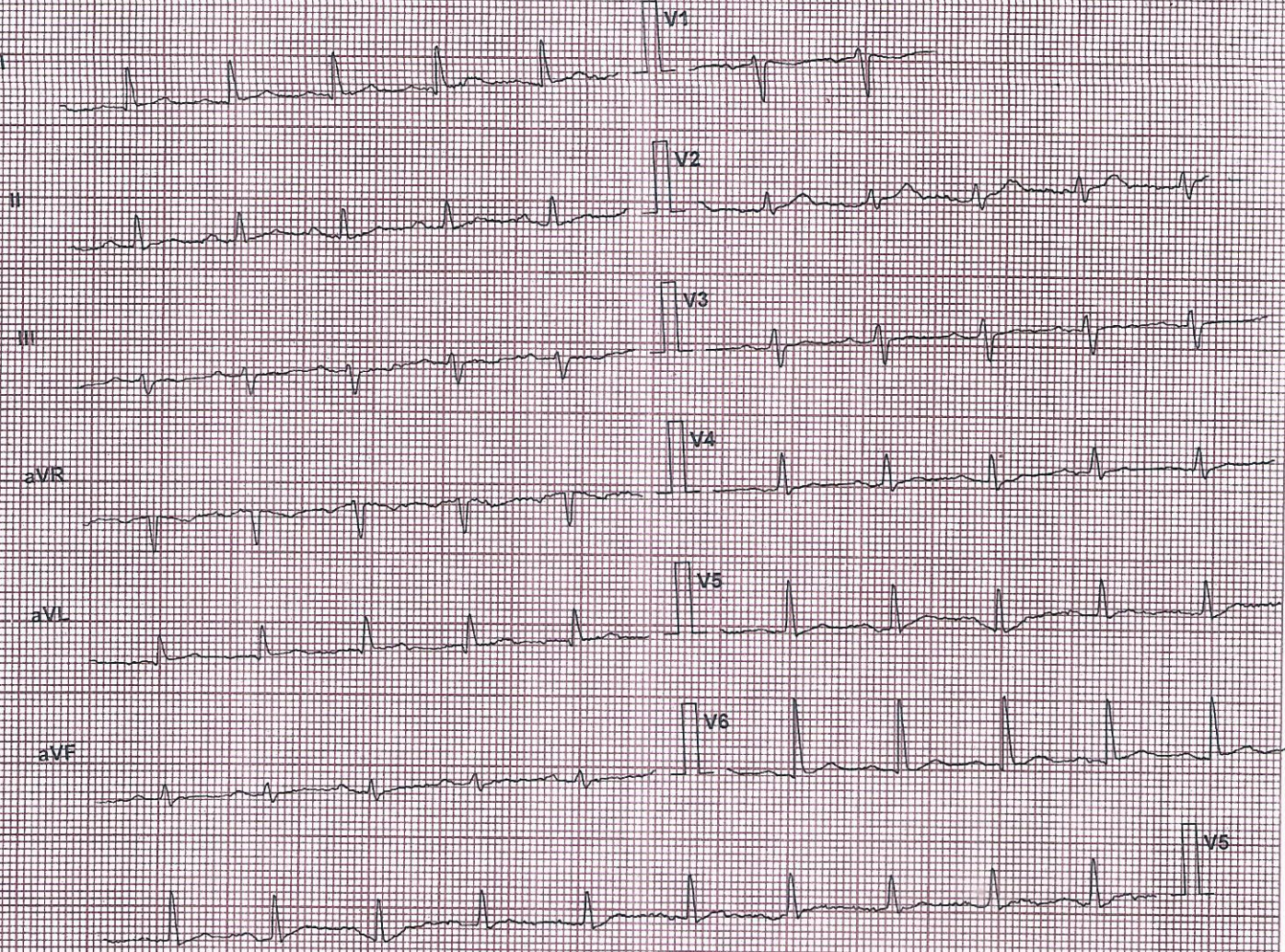
Post J = J + 60 ms



santu saha (35 M)  
 Protocol: Bruce  
 Exec Time: 0m 0s

ID: b546546132  
 Stage: Standing  
 Stage Time: 0m 50s

Date: 7/10/202  
 Speed: 0 mph  
 HR: 102 bpm



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.4	0.5
II	0.3	0.5
III	-0.1	0.0
aVR	-0.3	-0.5
aVL	0.2	0.2
aVF	0.0	0.2
V1	0.0	-0.4
V2	0.7	0.4
V3	0.3	0.2
V4	0.4	0.4
V5	0.3	0.7
V6	0.6	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  
 S<sub>0</sub> = R + 60 ms  
 J = R + 60 ms  
 Post J = J + 60 ms



santu saha (35 M)

Protocol: Bruce

Exec Time : 0 m 0 s

ID: b546546132

Stage: Hyperventilation

Stage Time : 1 m 30 s

Date: 7/10/2021

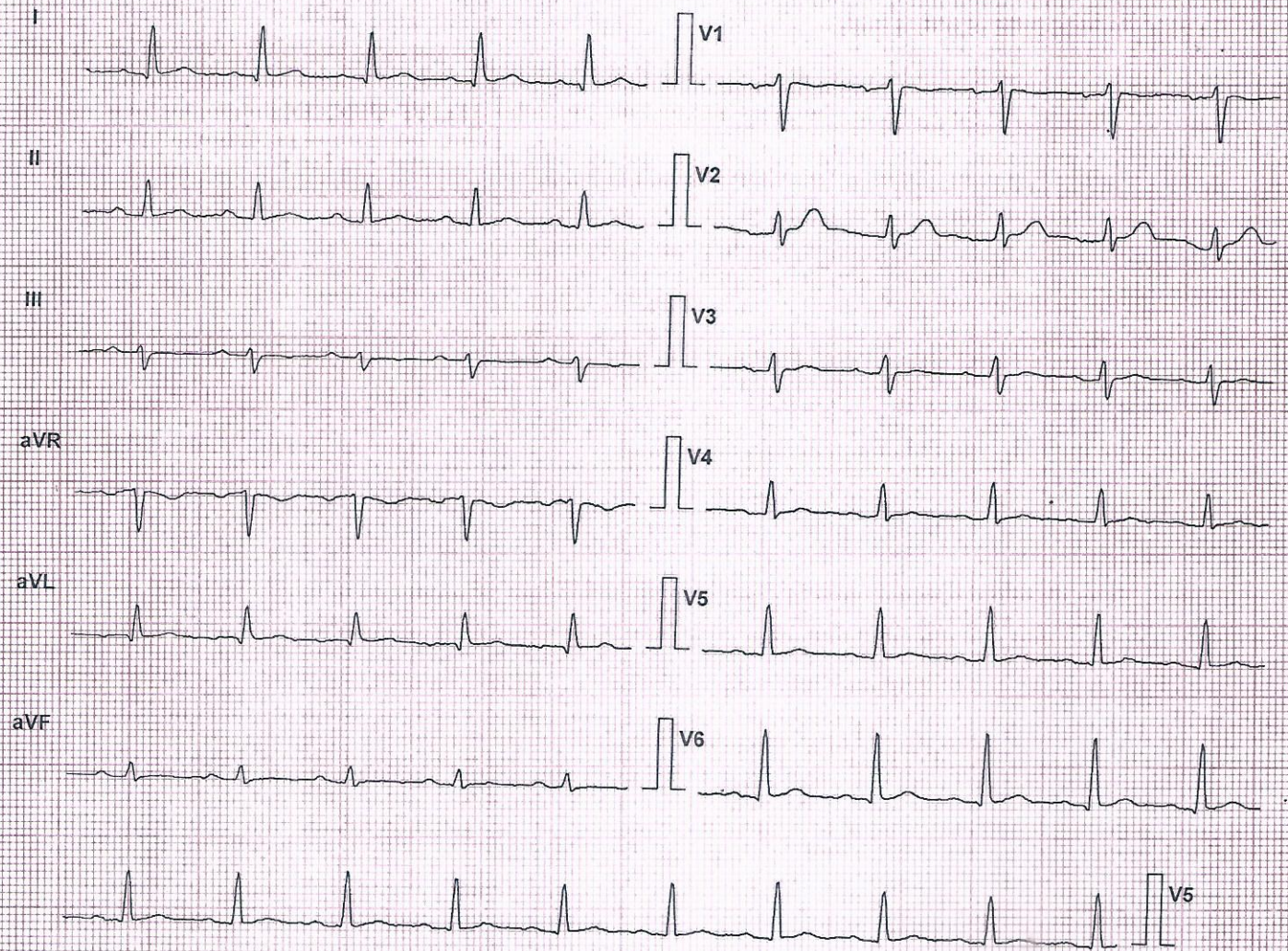
Speed: 0 mph

HR: 98 bpm

B.P: 122 / 80

Grade: 0 %

(THR: 166 bpm)



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



santu saha (35 M)

Protocol: Bruce

Exec Time : 5 m 55 s

ID: b546546132

Stage: Peak Ex

Stage Time : 2 m 55 s

Date: 7/10/2021

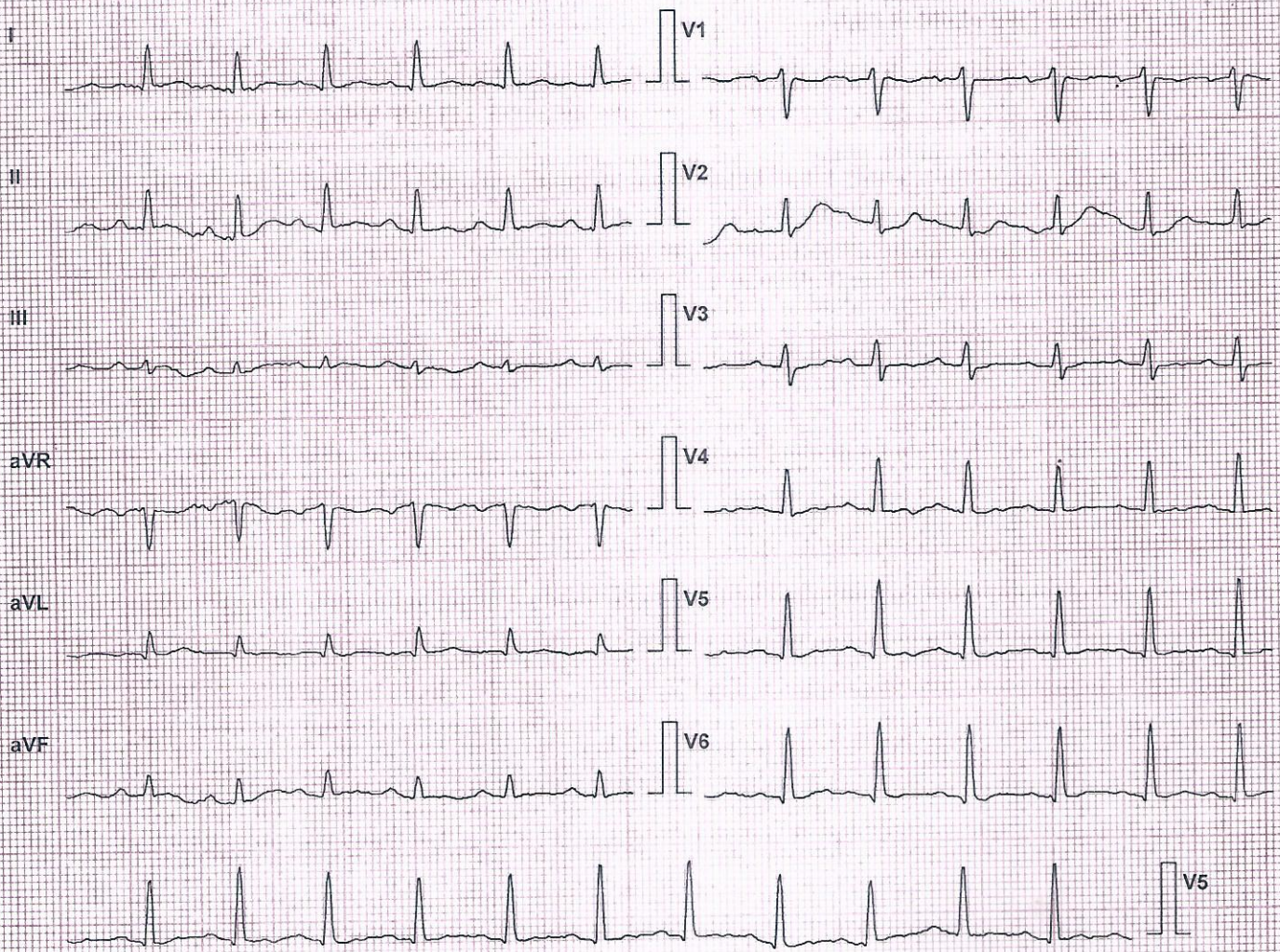
Speed: 2.5 mph

HR: 119 bpm

B.P: 142 / 86

Grade: 12 %

(THR: 166 bpm)



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

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



santu saha (35 M)

ID: b546546132

Date: 7/10/2021

B.P: 150 / 88

Protocol: Bruce

Stage: 1

Speed: 1.7 mph

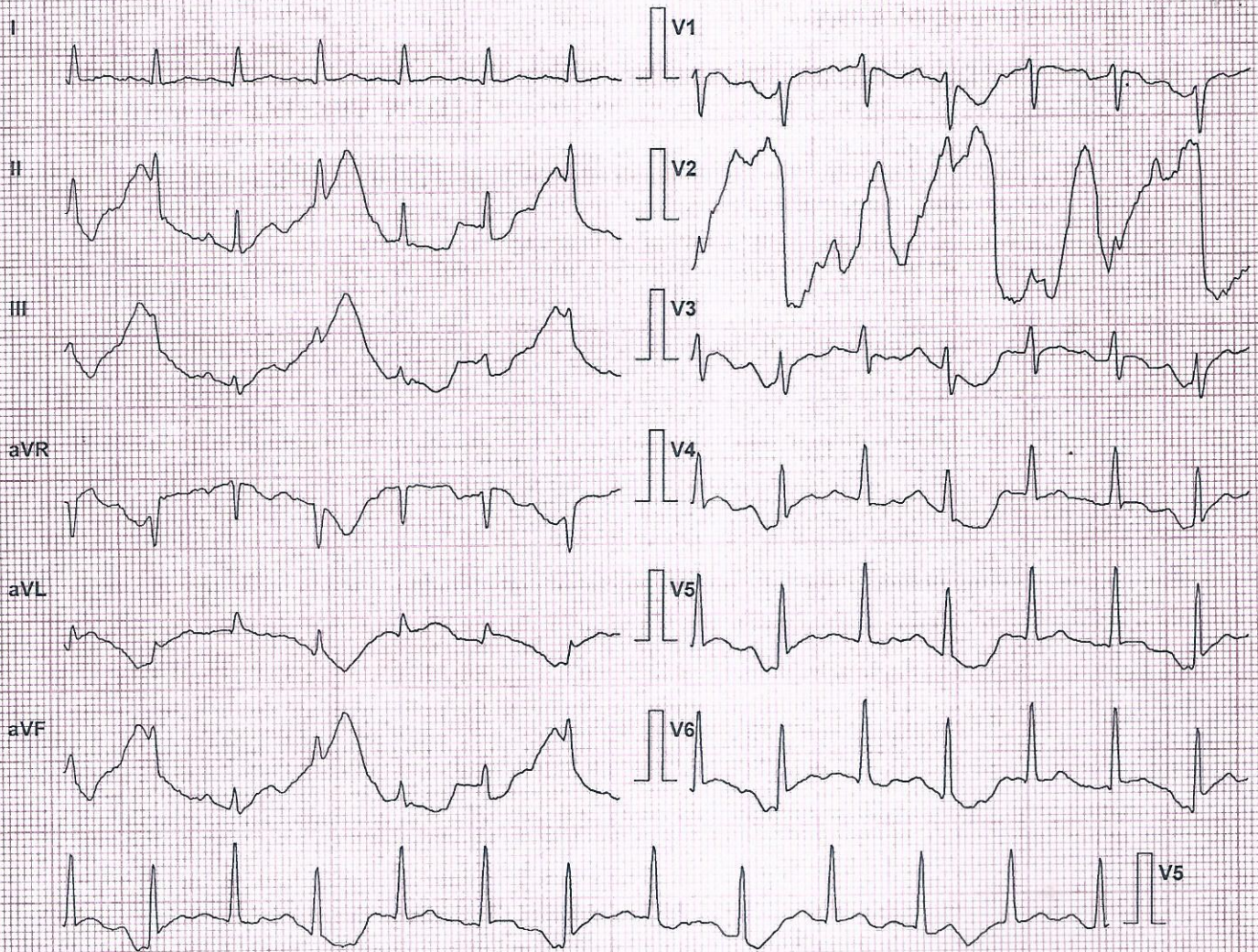
Grade: 10 %

Exec Time : 3 m 0 s

Stage Time : 3 m 0 s

HR: 123 bpm

(THR: 166 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.2	0.4
aVR	-0.5	-0.9
V1	-0.3	-0.5
V4	0.1	0.5
II	0.8	1.1
aVL	-0.2	-0.4
V2	-0.6	-0.5
V5	0.1	0.5
III	0.6	0.5
aVF	0.7	0.7
V3	0.1	0.5
V6	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



santu saha (35 M)

ID: b546546132

Date: 7/10/2021

B.P: 142 / 86

Protocol: Bruce

Stage: Recovery(1)

Speed: 0 mph

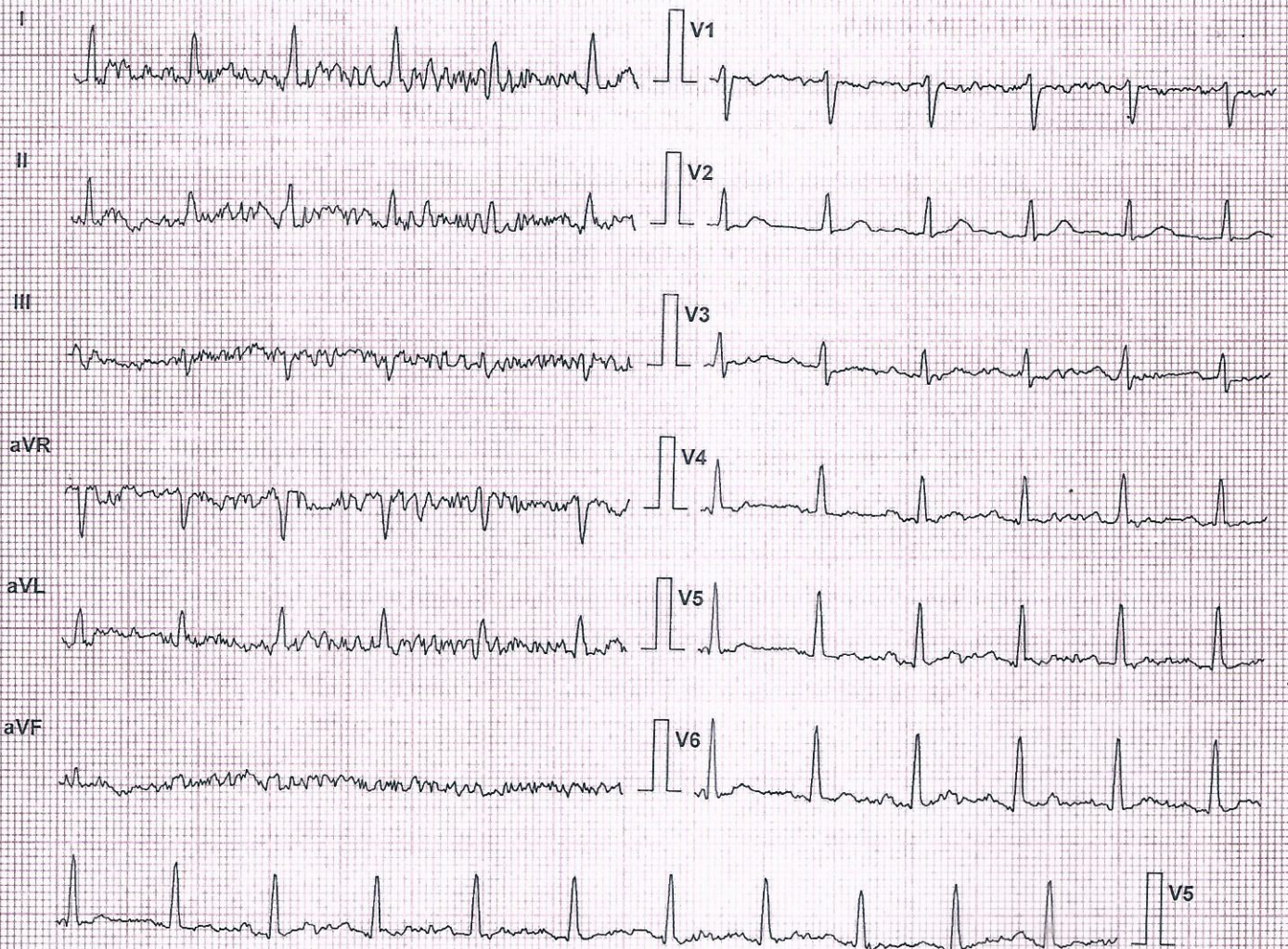
Grade: 0 %

Exec Time : 5 m 55 s

Stage Time : 1 m 0 s

HR: 109 bpm

(THR: 166 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.8	0.4
aVR	-0.7	-0.5
V1	-0.2	-0.4
V4	0.1	0.5
II	0.7	0.7
aVL	0.5	0.2
V2	0.3	0.7
V5	0.3	0.9
III	0.0	0.4
aVF	0.3	0.5
V3	0.0	0.2
V6	0.4	1.1

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



santu saha (35 M)

ID: b546546132

Date: 7/10/2021

B.P: 142 / 86

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

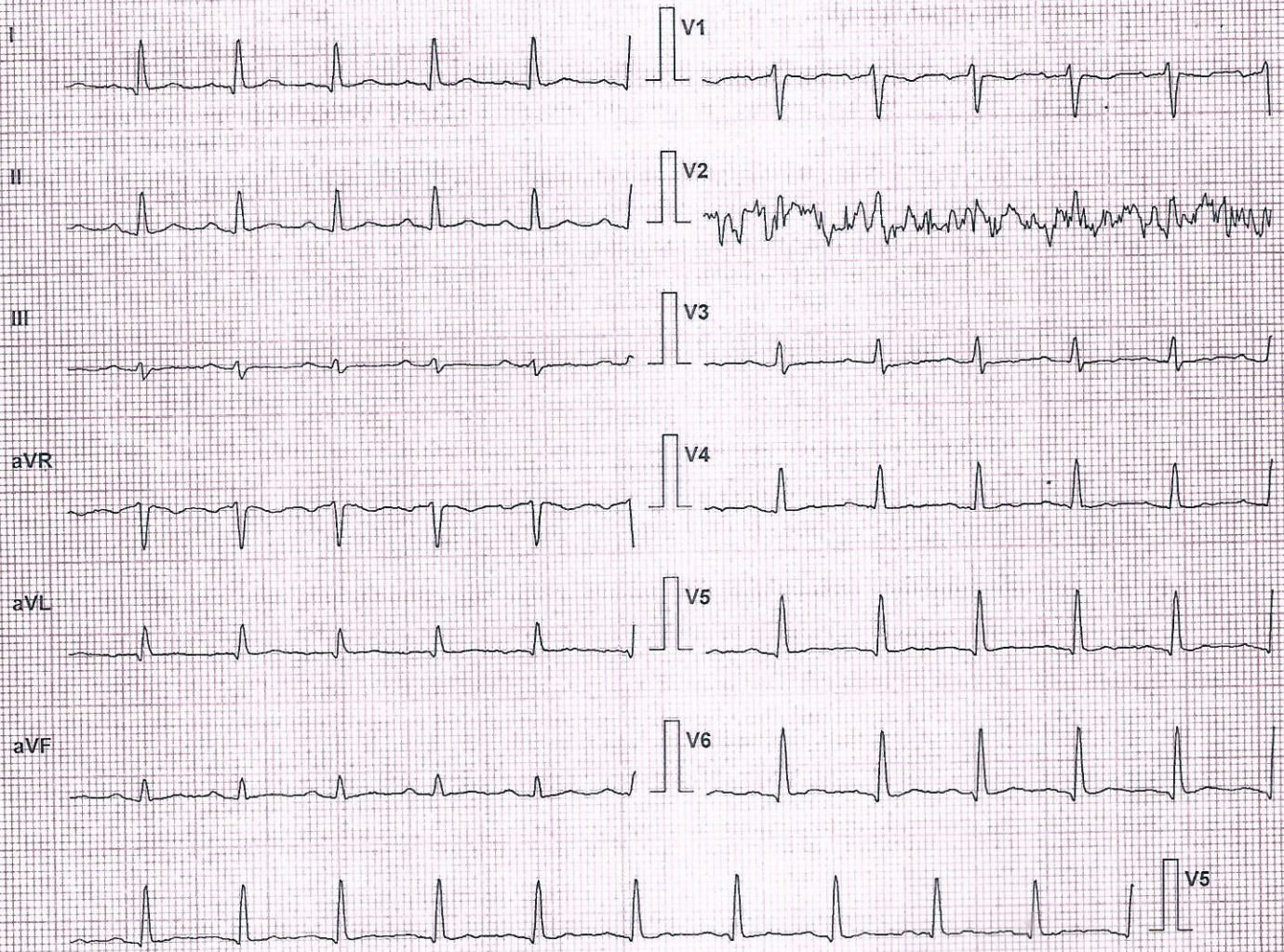
Grade: 0 %

Exec Time : 5 m 55 s

Stage Time : 1 m 0 s

HR: 110 bpm

(THR: 166 bpm)



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