

# HEALTHSPRING

**Patient Details**      **Date:** 24-Sep-22      **Time:** 12:46:10 PM  
**Name:** NEETU SHARMA **ID:** 2227  
**Age:** 34 y      **Sex:** F      **Height:** 161 cms.      **Weight:** 81 Kg.  
**Clinical History:** HEALTHCHECK-UP, HEALTHCHECK-UP

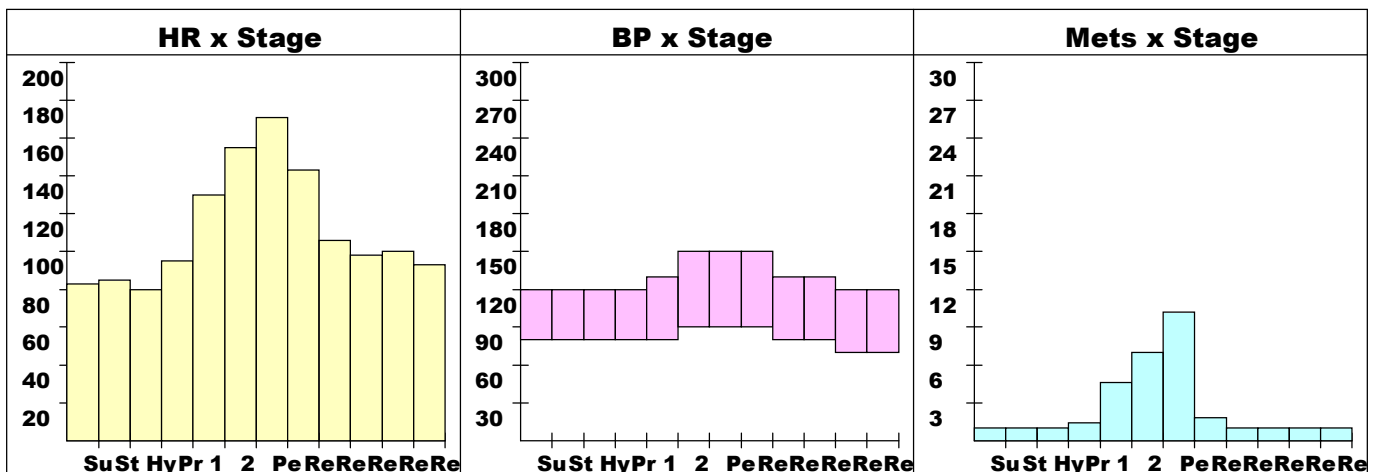
**Medications:** NIL

## Test Details

**Protocol:** Bruce      **Pr.MHR:** 186 bpm      **THR:** 167 (90 % of Pr.MHR) bpm  
**Total Exec. Time:** 6 m 50 s      **Max. HR:** 171 (92% of Pr.MHR) bpm      **Max. Mets:** 10.20  
**Max. BP:** 150 / 90 mmHg      **Max. BP x HR:** 25650 mmHg/min      **Min. BP x HR:** 5600 mmHg/min  
**Test Termination Criteria:** Target HR attained, Target HR attained, Target HR attained

## Protocol Details

Stage Name	Stage Time (min : sec)	Mets	Speed (Km/h)	Grade (%)	Heart Rate (bpm)	Max. BP (mm/Hg)	Max. ST Level (mm)	Max. ST Slope (mV/s)
Supine	1 : 15	1.0	0	0	83	120 / 80	-1.70 III	3.18 II
Standing	0 : 6	1.0	0	0	85	120 / 80	-0.64 II	-1.77 III
Hyperventilation	0 : 20	1.0	0	0	80	120 / 80	-1.49 III	-1.06 II
1	3 : 0	4.6	2.7	10	130	130 / 80	-5.10 aVF	-5.66 III
2	3 : 0	7.0	4	12	155	150 / 90	-1.91 aVF	-5.66 II
Peak Ex	0 : 50	10.2	5.4	14	171	150 / 90	-3.61 III	5.66 aVR
Recovery(1)	1 : 0	1.8	1.6	0	143	150 / 90	-2.97 V2	-5.66 III
Recovery(2)	1 : 0	1.0	0	0	106	130 / 80	-1.06 aVR	5.31 II
Recovery(3)	1 : 0	1.0	0	0	98	130 / 80	-0.64 aVR	2.12 II
Recovery(4)	1 : 0	1.0	0	0	100	120 / 70	-0.42 aVR	1.42 II
Recovery(5)	0 : 5	1.0	0	0	93	120 / 70	-0.64 aVR	1.06 II



# HEALTHSPRING

---

**Patient Details**Date: **24-Sep-22**Time: **12:46:10 PM**Name: **NEETU SHARMA** ID: **2227**Age: **34 y**Sex: **F**Height: **161 cms.**Weight: **81 Kg.**

---

**Interpretation**

**The patient exercised according to the Bruce protocol for 6 m 50 s achieving a work level of Max. METS : 10.20. Resting heart rate initially 83 bpm, rose to a max. heart rate of 171 ( 92% of Pr.MHR ) bpm. Resting blood Pressure 120 / 80 mmHg, rose to a maximum blood pressure of 150 / 90 mmHg.**

**Ref. Doctor: HC****Doctor: -----***( Summary Report edited by user )*

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 120 / 80

Protocol: Bruce

Stage: Supine

Speed: 0 Km/h

Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 1 m 9 s

HR: 83 bpm

(THR: 167 bpm)

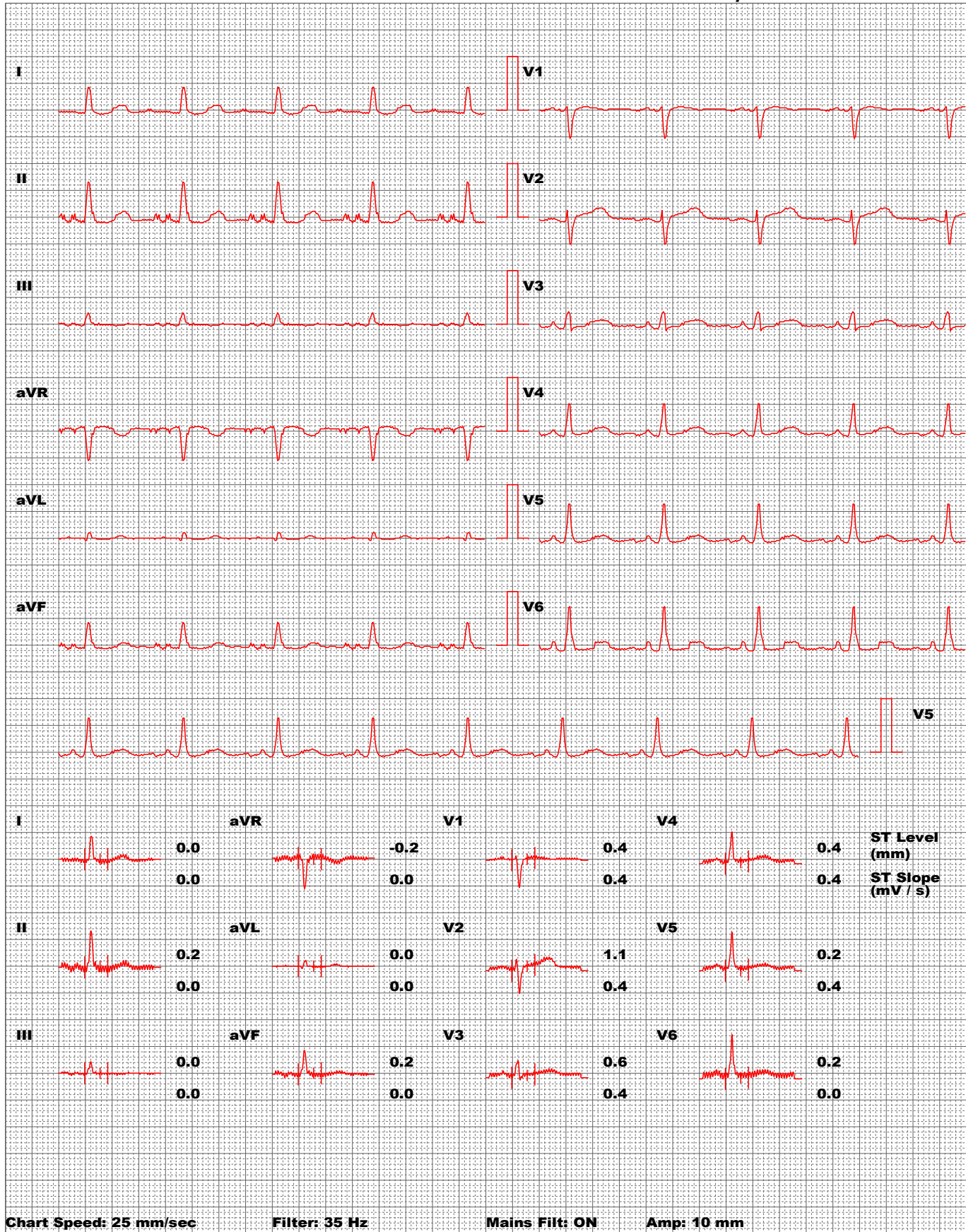


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 120 / 80

Protocol: Bruce

Stage: Standing

Speed: 0 Km/h

Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 0 s

HR: 75 bpm

(THR: 167 bpm)



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

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 120 / 80

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 Km/h

Grade: 0 %

Exec Time : 0 m 0 s

Stage Time : 0 m 14 s

HR: 71 bpm

(THR: 167 bpm)

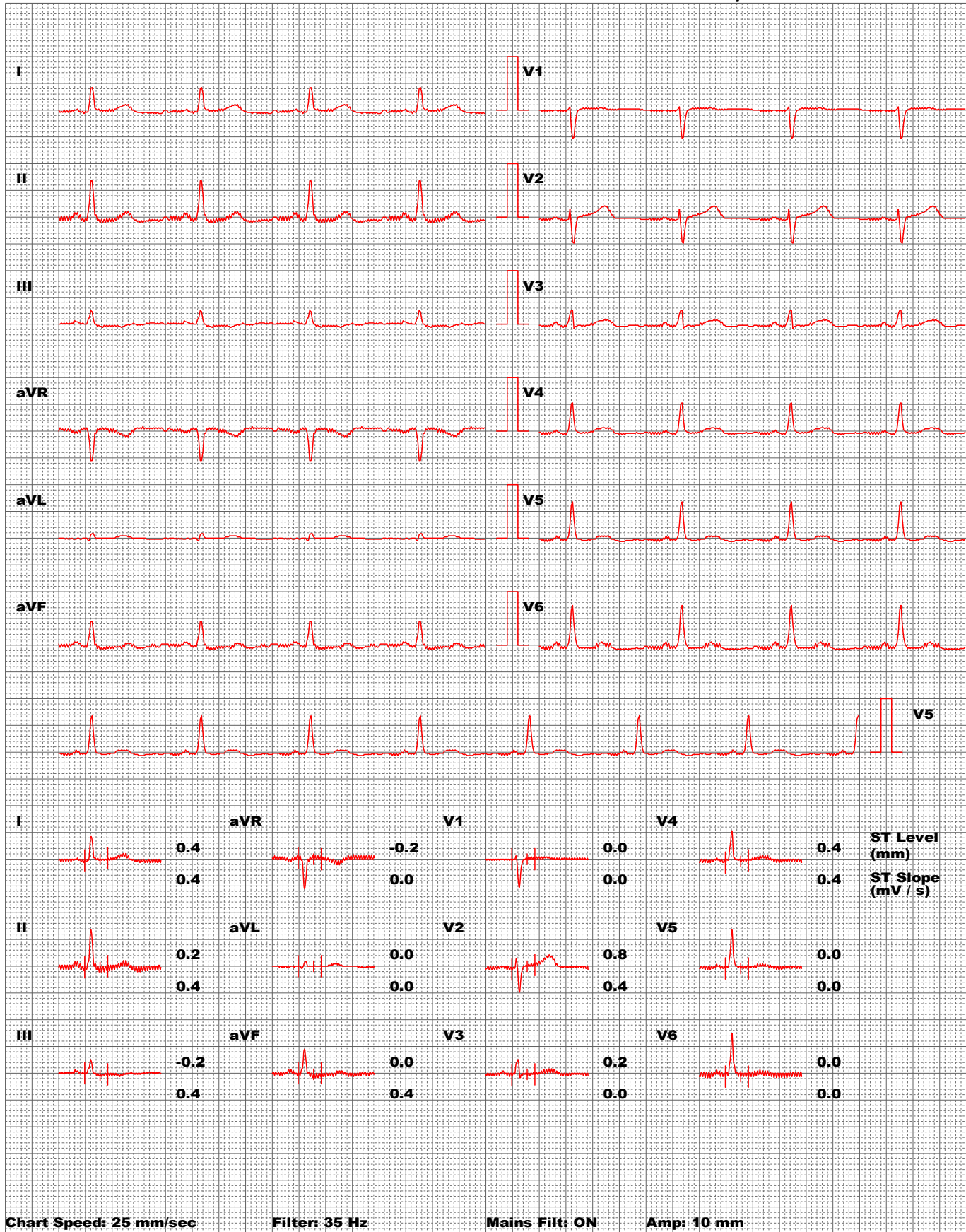


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 130 / 80

Protocol: Bruce

Stage: 1

Speed: 2.7 Km/h

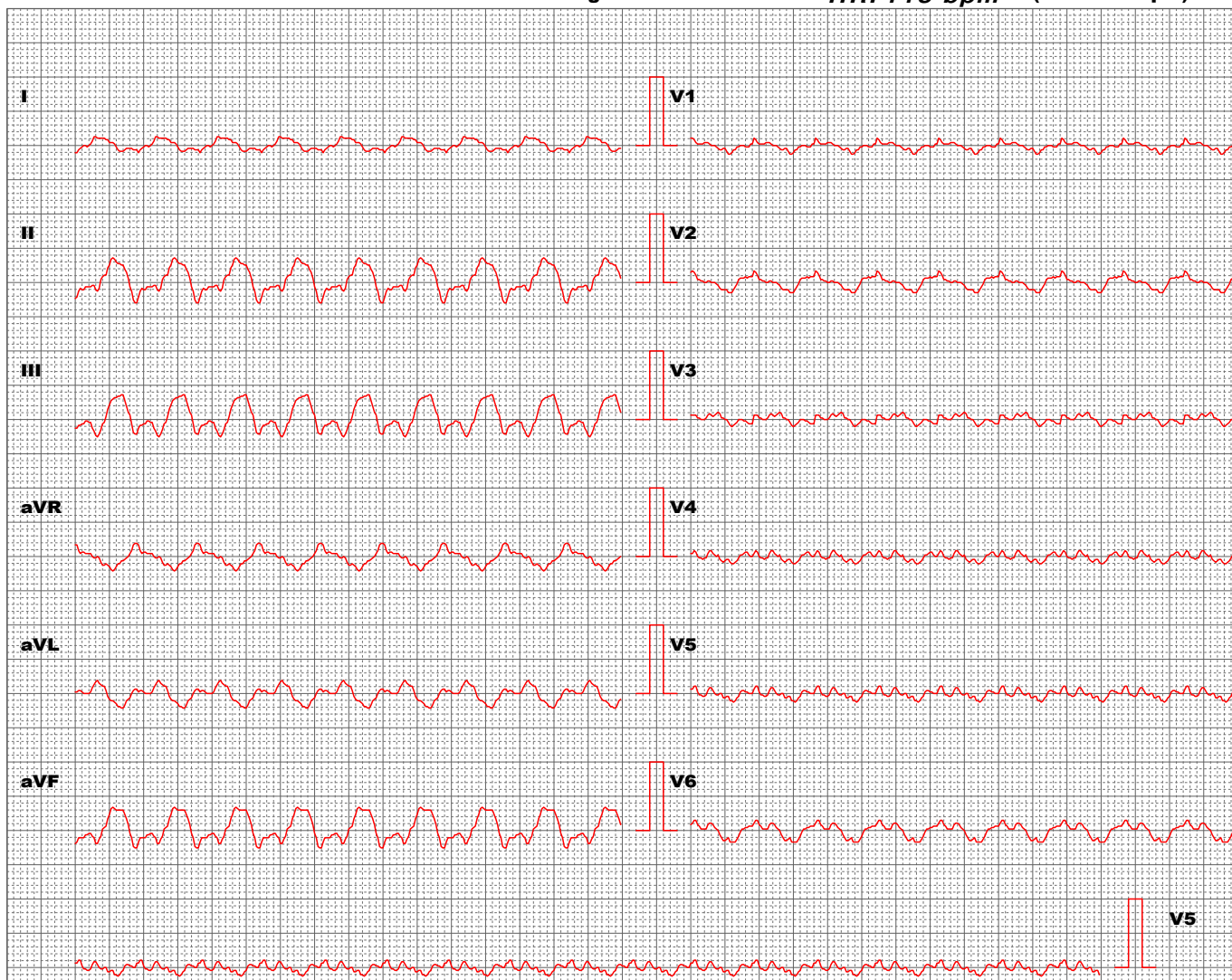
Grade: 10 %

Exec Time : 2 m 54 s

Stage Time : 2 m 54 s

HR: 118 bpm

(THR: 167 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.0	-1.4
aVR	-2.1	-0.7
V1	-1.3	-0.7
V4	-0.6	-0.7
II	3.8	3.5
aVL	-1.3	-3.2
V2	-1.7	-1.1
V5	-0.8	-1.8
III	3.4	5.3
aVF	3.8	4.6
V3	-0.8	-1.8
V6	-1.9	-1.8

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 150 / 90

Protocol: Bruce

Stage: 2

Speed: 4 Km/h

Grade: 12 %

Exec Time : 5 m 54 s

Stage Time : 2 m 54 s

HR: 156 bpm

(THR: 167 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.0	0.0
aVR	-0.6	-0.7
V1	-0.2	0.7
V4	-0.6	2.8
II	1.3	0.7
aVL	-0.6	0.0
V2	0.4	2.1
V5	-0.6	1.8
III	1.7	0.7
aVF	1.5	0.7
V3	-0.6	2.1
V6	-1.1	1.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 150 / 90

Protocol: Bruce

Stage: Peak Ex

Speed: 5.4 Km/h

Grade: 14 %

Exec Time : 6 m 44 s

Stage Time : 0 m 44 s

HR: 141 bpm

(THR: 167 bpm)



Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



# HEALTHSRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 150 / 90

Protocol: Bruce

Stage: Recovery(1)

Speed: 1.6 Km/h

Grade: 0 %

Exec Time : 6 m 50 s

Stage Time : 0 m 54 s

HR: 155 bpm

(THR: 167 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.2	0.7
aVR	-0.8	-1.4
V1	0.2	0.0
V4	0.4	1.4
II	1.5	2.1
aVL	-0.2	0.0
V2	0.6	1.1
V5	0.4	1.4
III	1.1	1.1
aVF	1.3	1.8
V3	0.2	1.1
V6	0.2	1.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 130 / 80

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 Km/h

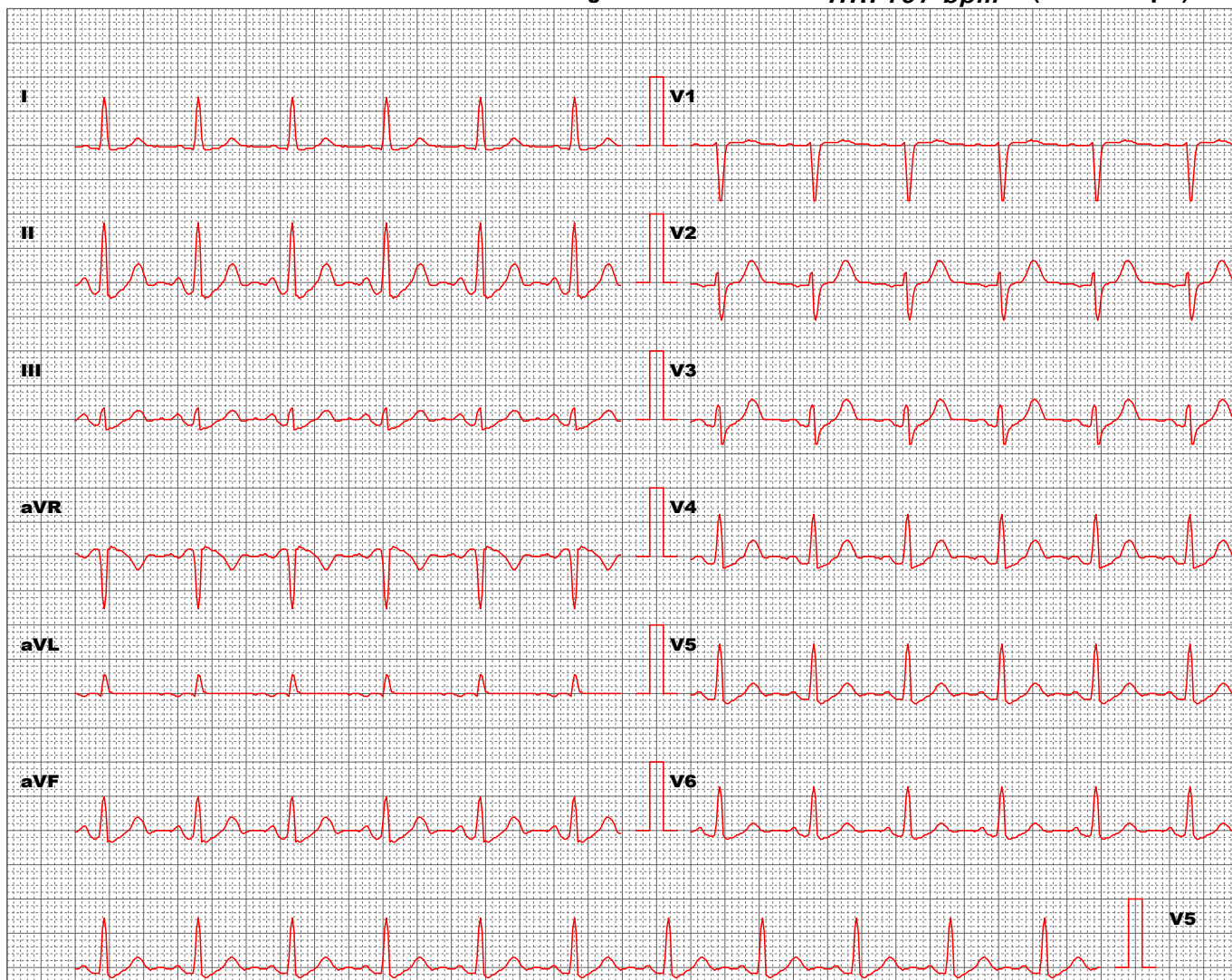
Grade: 0 %

Exec Time : 6 m 50 s

Stage Time : 0 m 54 s

HR: 107 bpm

(THR: 167 bpm)



Lead	ST Level (mm)	ST Slope (mV/s)
I	0.4	0.7
II	1.3	2.5
III	0.8	1.4
aVR	-0.8	-1.4
aVL	0.0	0.0
aVF	1.1	1.8
V1	0.4	0.0
V2	0.0	0.0
V3	0.8	1.4
V4	1.1	2.1
V5	0.6	1.4
V6	0.6	1.4

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 130 / 80

Protocol: Bruce

Stage: Recovery(3)

Speed: 0 Km/h

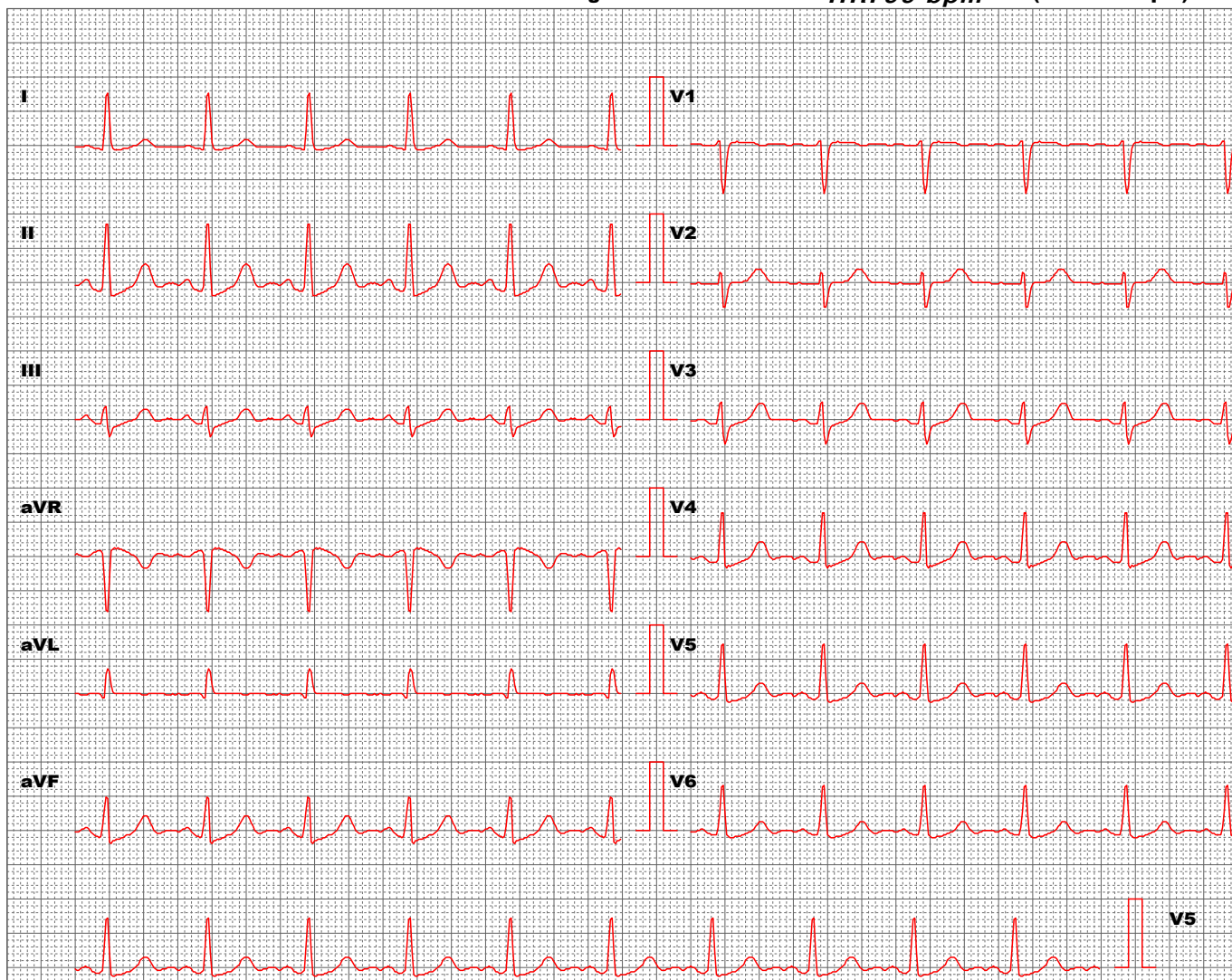
Grade: 0 %

Exec Time : 6 m 50 s

Stage Time : 0 m 54 s

HR: 99 bpm

(THR: 167 bpm)



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

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 120 / 70

Protocol: Bruce

Stage: Recovery(4)

Speed: 0 Km/h

Grade: 0 %

Exec Time : 6 m 50 s

Stage Time : 0 m 54 s

HR: 100 bpm

(THR: 167 bpm)



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

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

NEETU SHARMA (34 F)

ID: 2227

Date: 24-Sep-22

B.P: 120 / 70

Protocol: Bruce

Stage: Recovery(5)

Speed: 0 Km/h

Grade: 0 %

Exec Time : 6 m 50 s

Stage Time : 0 m 59 s

HR: 100 bpm

(THR: 167 bpm)

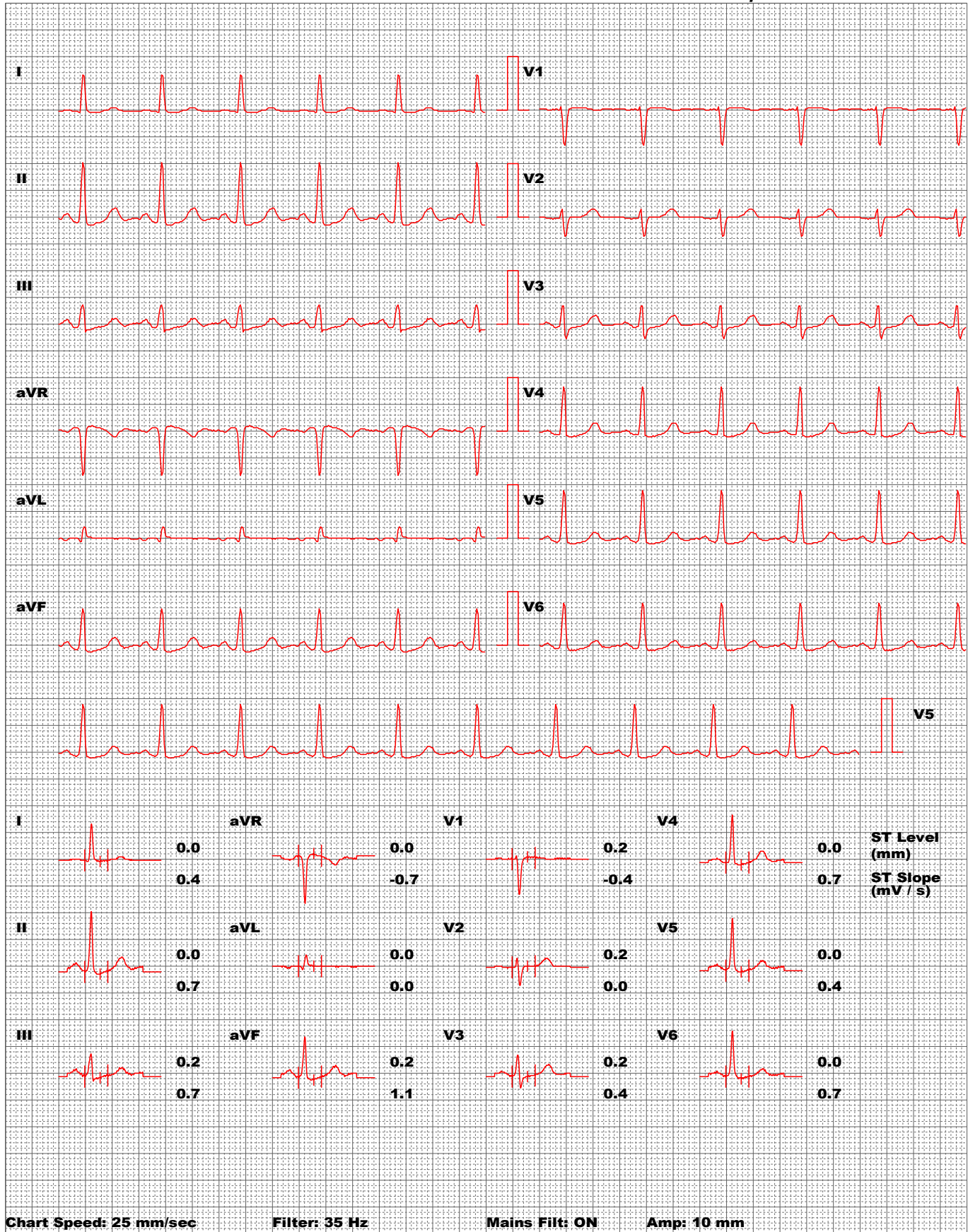


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

Schiller CS-20 V 1.2

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median

# HEALTHSPRING

## TREADMILL STRESS TEST REPORT

DATE:24/09/2022

NAME:	NEETU SHARMA	AGE:(years)	34	SEX:	F
-------	--------------	-------------	----	------	---

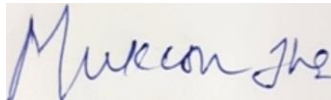
PROTOCOL USED	BRUCE PROTOCOL		
ANGINA SCALE (0 – None, 1 – Non-Limiting, 2 – Limiting)	0	MAXIMUM ST DEPRESSION (mm)	0
WORKLOAD: MAXIMUM METS ACHIEVED (METS)	10.2	DOUBLE PRODUCT	25650 mmHg/Min
DUKES SCORE (High Risk Score $\leq$ -11, Low Risk Score $\geq$ 5)	6		

### CONCLUSION:

NORMAL INOTROPIC & CHRONOTROPIC RESPONSE  
BASELINE ECG SHOWS NO SIGNIFICANT ST-T CHANGES  
NO SYMPTOMS OR ARRHYTHMIAS SEEN DURING EXERCISE  
NO SIGNIFICANT ST-T CHANGES SEEN DURING EXERCISE  
ARTIFACTS SEEN DURING PEAK EXERCISE WITH NO E/O ST-T CHANGES DURING RECOVERY  
GOOD EFFORT TOLERANCE AND FUNCTIONAL CAPACITY.  
**TARGET HEART RATE ACHIEVED**  
STRESS TEST IS **NEGATIVE** FOR INDUCIBLE ISCHEMIA AT GIVEN WORKLOAD

### IMPRESSION:

**STRESS TEST IS NEGATIVE FOR INDUCIBLE ISCHEMIA AT GIVEN WORKLOAD**  
**ADVISED- CLINICAL CORRELATION**



**DR. MUKESH JHA**  
MD (MEDICINE), DM (CARDIOLOGY)  
REG NO- 2010/09/2935

### **NOTE-**

A NEGATIVE STRESS TEST DOES NOT CONCLUSIVELY RULE OUT CORONARY ARTERY DISEASE. A POSITIVE STRESS TEST IS NOT CONCLUSIVE EVIDENCE OF CORONARY ARTERY DISEASE. THERE IS A POSSIBILITY OF THE TEST BEING FALSE POSITIVE OR FALSE NEGATIVE DUE OTHER ASSOCIATED MEDICAL CONDITIONS. THESE REPORTS ARE FOR DOCTORS & PHYSICIANS AND NOT FOR MEDICO-LEGAL PURPOSES. KINDLY CO-RELATE THE REPORT WITH CLINICAL CONDITIONS.

THIS TMT/ ECG IS REPORTED ONLINE WITHOUT INTERACTING WITH PATIENTS AND THE RESULT SHOULD BE CLINICALLY CO-RELATED AND INDEPENDENTLY REVIEWED BY THE PATIENT'S CONSULTANT DOCTOR. THE PATIENT WAS NOT SEEN BY DOCTORS PERSONALLY AND THE ABOVE REPORT HAS BEEN REVIEWED BY THE DOCTOR BASED ON THE TMT/ECG RESULT AS PROVIDED TO THE DOCTOR.