

**Patient Details**

Name: sanju das ID: b8214789

Date: 12/21/2021

Time: 12:09:53 PM

Age: 36 y

Sex: M

Clinical History: not found

Height: -- cms

Weight: -- Kgs

Medications: not any

**Test Details**

Protocol: Bruce

Total Exec. Time: 7 m 7 s

Max. BP: 130 / 85 mmHg

Test Termination Criteria: THR ACHIEVED.

Pr.MHR: 184 bpm

Max. HR: 120 ( 65% of Pr.MHR )bpm

Max. BP x HR: 15600 mmHg/min

THR: 165 (90 % of Pr.MHR) bpm

Max. Mets: 10.20

Min. BP x HR: 7462 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           | 1 : 19                 | 1.0  | 0           | 0         |                  |                 |                    |                      |
| Standing         | 1 : 41                 | 1.0  | 0           | 0         | 91               | 122 / 82        | -5.10 V5           | 2.83 V2              |
| Hyperventilation | 0 : 57                 | 1.0  | 0           | 0         | 98               | 122 / 82        | -4.56 V6           | -5.66 V3             |
| 1                | 2 : 32                 | 4.6  | 1.7         | 10        | 109              | 124 / 82        | -0.32 aVR          | 2.48 V3              |
| 2                | 2 : 17                 | 7.0  | 2.5         | 12        | 120              | 128 / 86        | -1.38 aVL          | 4.78 V3              |
| Peak Ex          | 2 : 18                 | 10.2 | 3.4         | 14        | 118              | 130 / 85        | -0.85 aVR          | 4.25 V3              |
| Recovery(1)      | 0 : 41                 | 1.8  | 1           | 0         | 116              | 130 / 86        | -0.64 aVR          | 3.89 V3              |
| Recovery(2)      | 0 : 36                 | 1.0  | 0           | 0         | 110              | 128 / 84        | -0.53 aVR          | 3.54 V3              |
| Recovery(3)      | 0 : 42                 | 1.0  | 0           | 0         | 95               | 126 / 82        | -0.42 aVR          | 3.89 V3              |
| Recovery(4)      | 0 : 59                 | 1.0  | 0           | 0         | 94               | 124 / 82        | -0.42 aVR          | 3.36 V3              |
|                  |                        |      |             |           | 103              | 124 / 82        | -2.55 III          | 4.42 I               |

**Interpretation**

The patient exercised according to the Bruce protocol for 7 m 7 s achieving a work level of Max. METS : 10.20. Resting heart rate initially 91 bpm, rose to a max. heart rate of 120 ( 65% of Pr.MHR ) bpm. Resting blood Pressure 122 / 82 mmHg, rose to a maximum blood pressure of 130 / 85 mmHg.

Ref. Doctor: B.O.B

( Summary Report edited by user )

Dr. Sanjay Kumar Das  
 MBBS (Hons), MD (Med),  
 DM (Cardiol), DM (Cardiol)  
 Reg. No - 64382 (M.B.U.C)

Doctor:

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sanju das (36 M)

Protocol: Bruce

Exec Time : 0 m 0 s

ID: b8214789

Stage: Supine

Stage Time : 1 m 19 s

Date: 12/21/2021

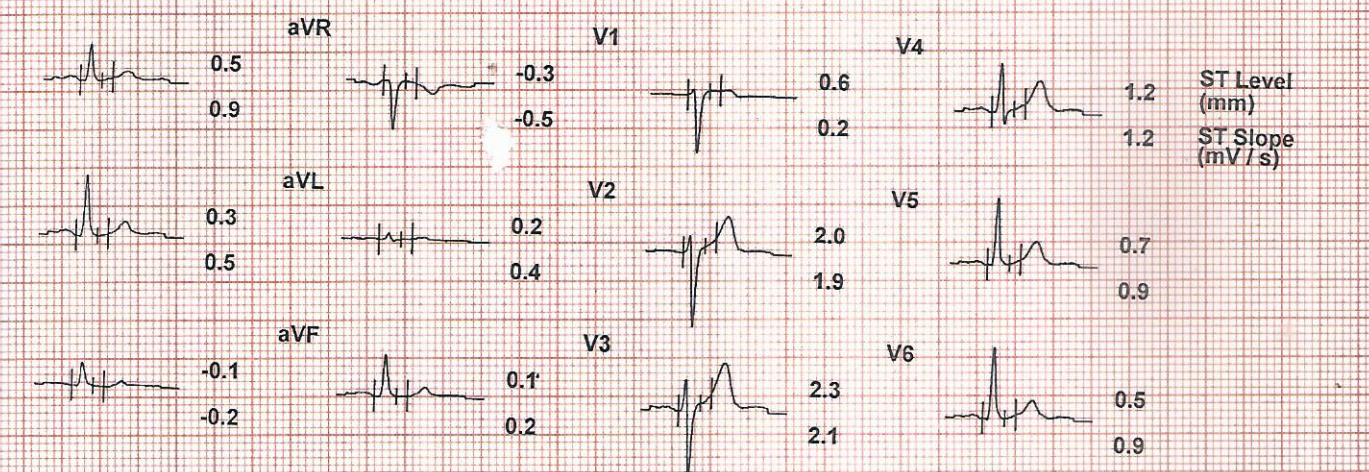
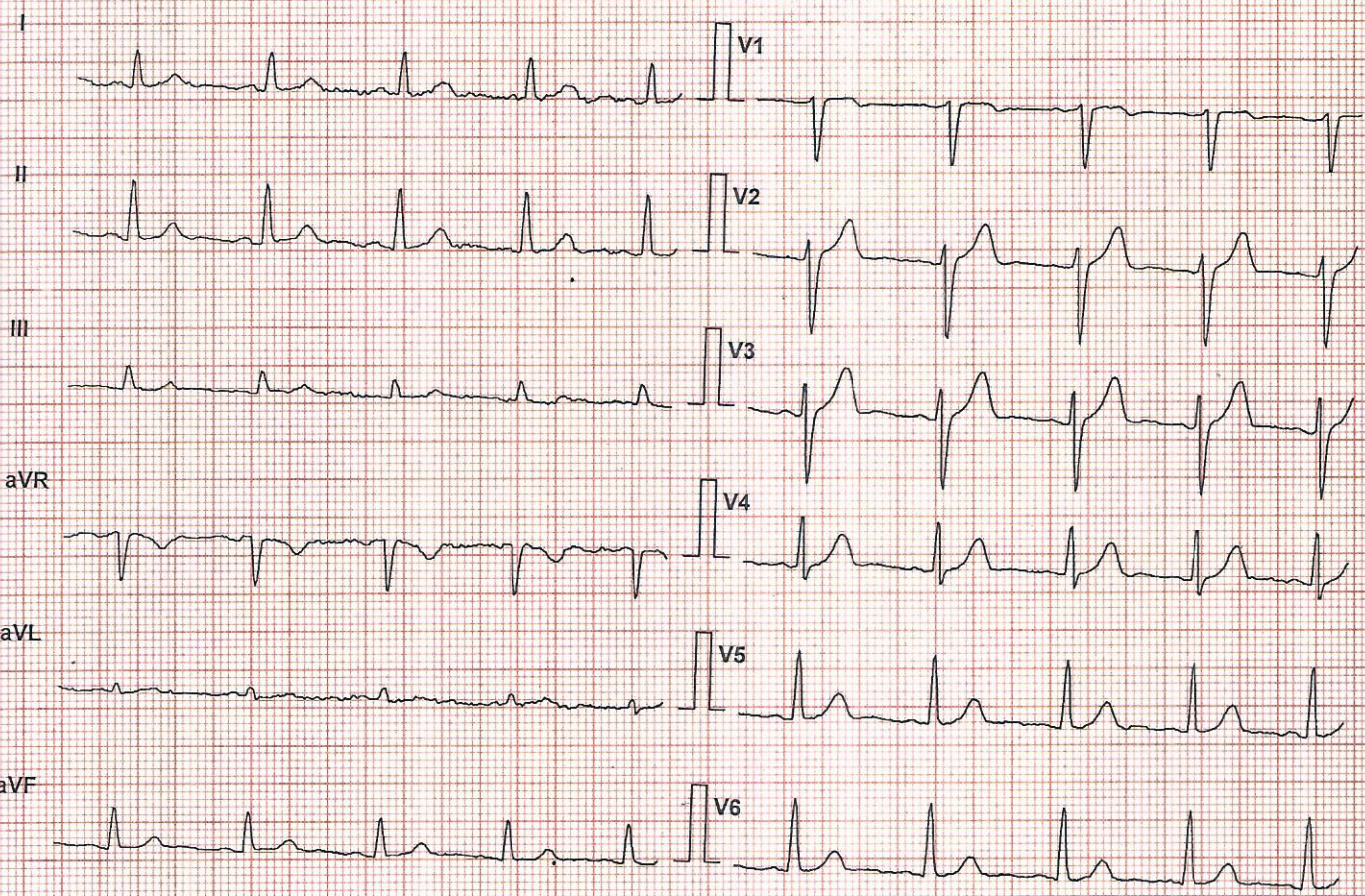
B.P: 122 / 82

Speed: 0 mph

Grade: 0 %

HR: 91 bpm

(THR: 165 bpm)



Print Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Chiller Healthcare India Pvt. Ltd. V 4.12

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

Post J = J + 60 ms

sanju das (36 M)

Protocol: Bruce

Exec Time : 0 m 0 s

ID: b8214789

Stage: Standing

Stage Time : 1 m 41 s

Date: 12/21/2021

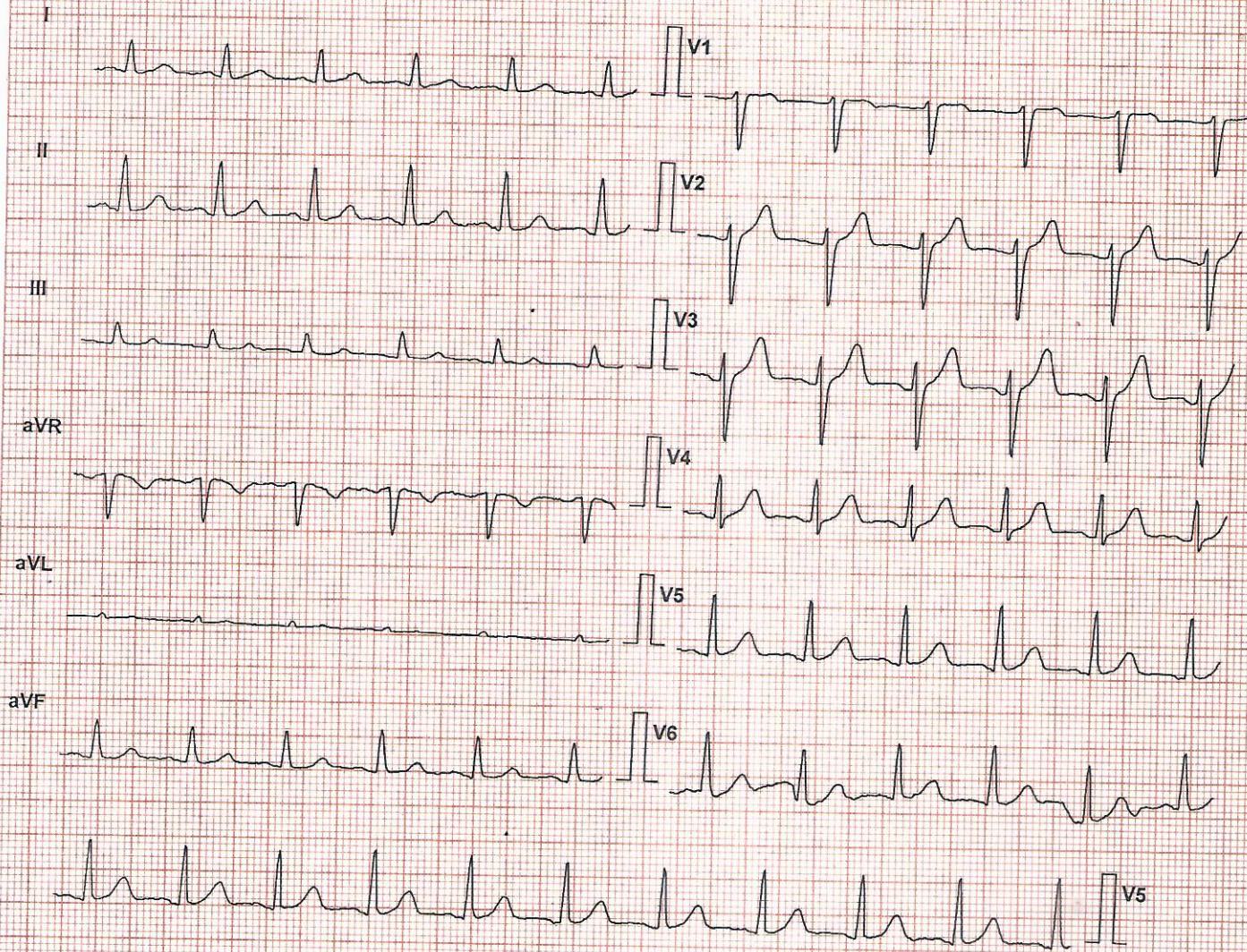
B.P: 122 / 82

Speed: 0 mph

Grade: 0 %

HR: 98 bpm

(THR: 165 bpm)



| Lead | ST Level (mm) | ST Slope (mV/s) |
|------|---------------|-----------------|
| I    | 0.2           | 0.5             |
| II   | 0.2           | 0.5             |
| III  | 0.0           | 0.0             |
| aVR  | -0.2          | -0.5            |
| aVL  | 0.0           | 0.0             |
| aVF  | 0.1           | 0.4             |
| V1   | 0.6           | 0.2             |
| V2   | 1.8           | 1.8             |
| V3   | 2.4           | 2.1             |
| V4   | 1.2           | 1.2             |
| V5   | 1.0           | 1.2             |
| V6   | 0.8           | 0.9             |

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

sanju das (36 M)

Protocol: Bruce

Exec Time : 0 m 0 s

ID: b8214789

Stage: Hyperventilation

Stage Time : 0 m 57 s

Date: 12/21/2021

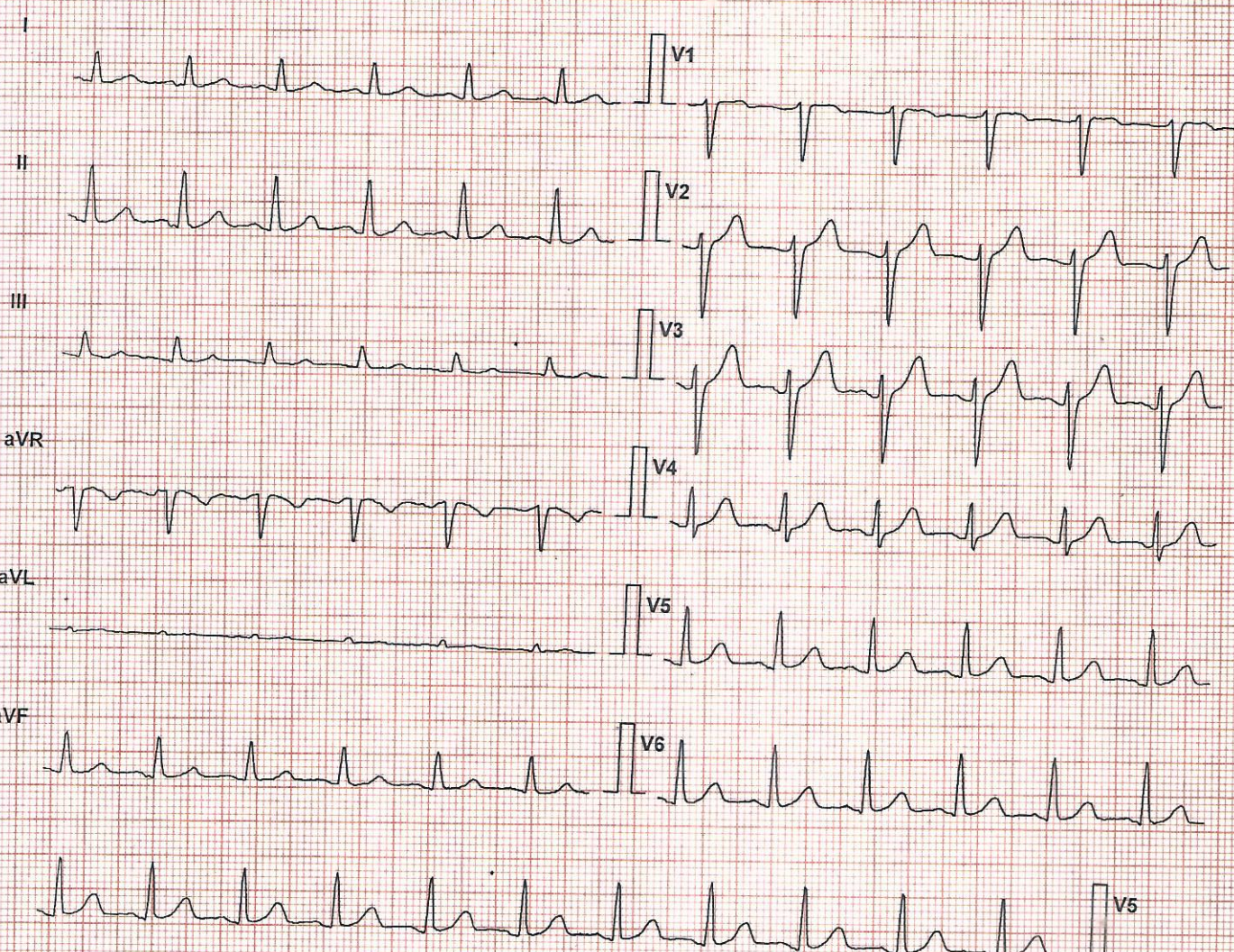
Speed: 0 mph

HR: 109 bpm

B.P: 124 / 82

Grade: 0 %

(THR: 165 bpm)



| Lead | ST Level (mm) | ST Slope (mV/s) |
|------|---------------|-----------------|
| aVR  | 0.2           | -0.3            |
| aVL  | 0.2           | 0.0             |
| aVF  | 0.0           | 0.1             |
| V1   | -0.3          | 0.0             |
| V2   | 0.0           | 0.0             |
| V3   | 0.1           | 0.2             |
| V4   | 0.5           | 0.0             |
| V5   | 1.9           | 1.9             |
| V6   | 2.3           | 2.1             |
| V4   | 1.1           | 0.9             |
| V5   | 1.0           | 1.1             |
| V6   | 0.6           | 1.1             |

Print Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Printer Healthcare India Pvt. Ltd. V 4.12

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

Post J = J + 60 ms

sanju das (3 M)

ID: b8214789

Date: 12/21/2021 B.P: 126 / 85

Protocol: Bruce

Stage: Pre Test

Speed: 0.5 mph

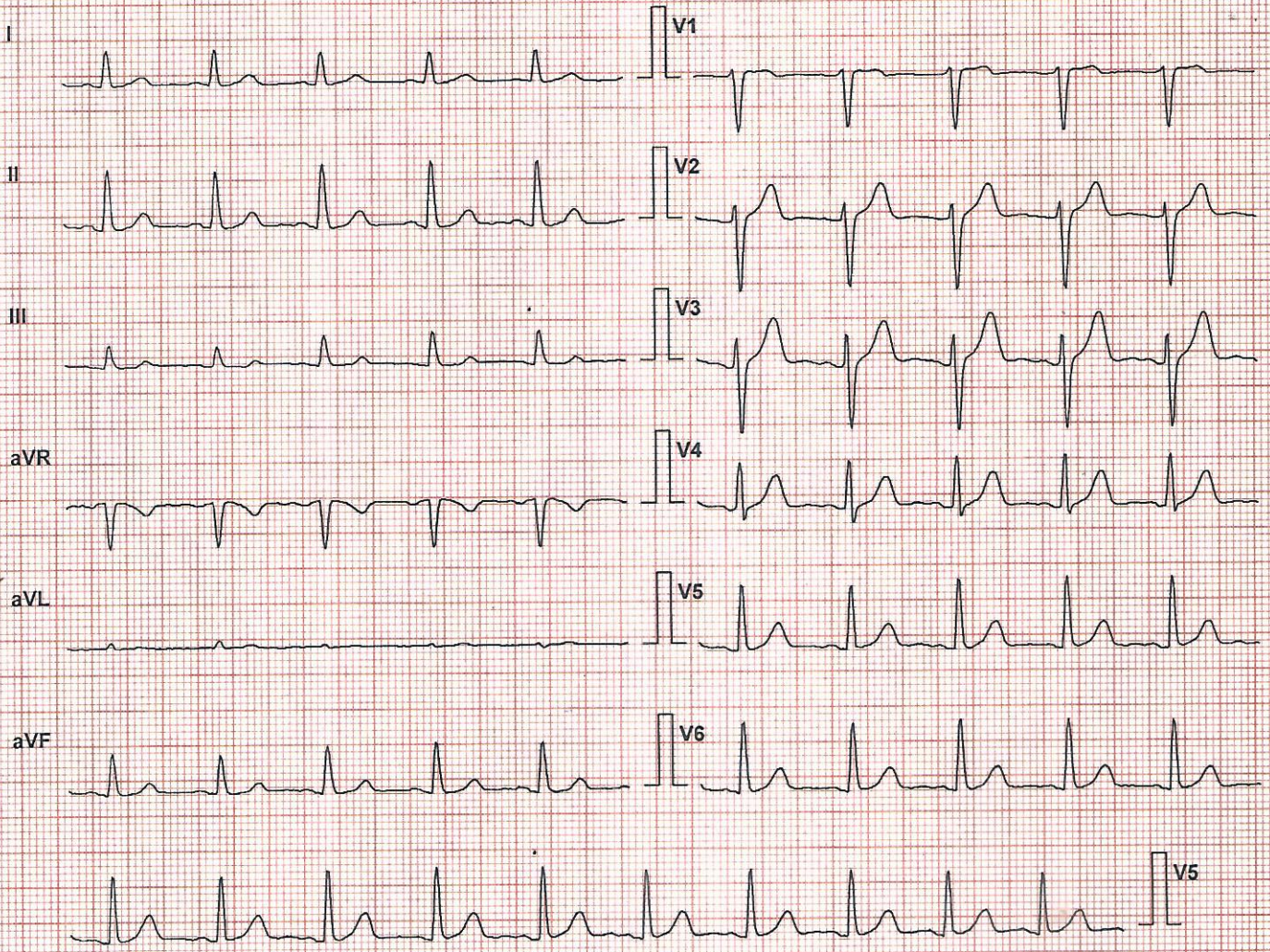
Grade: 0.5 %

Exec Time : 0 m 0 s

Stage Time : 0 m 0 s

HR: 102 bpm

(THR: 165 bpm)



| Lead | ST Level (mm) | ST Slope (mV/s) |
|------|---------------|-----------------|
| I    | 0.1           | 0.4             |
| aVR  | -0.2          | -0.7            |
| V1   | 0.6           | 0.2             |
| V4   | 1.2           | 1.1             |
| II   | 0.2           | 0.5             |
| aVL  | 0.0           | 0.0             |
| V2   | 1.7           | 1.8             |
| V5   | 1.0           | 1.2             |
| III  | 0.1           | 0.2             |
| aVF  | 0.0           | 0.2             |
| V3   | 2.4           | 2.1             |
| V6   | 0.7           | 1.1             |

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

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

sanju das (36 M)

Protocol: Bruce

Exec Time : 2 m 32 s

ID: b8214789

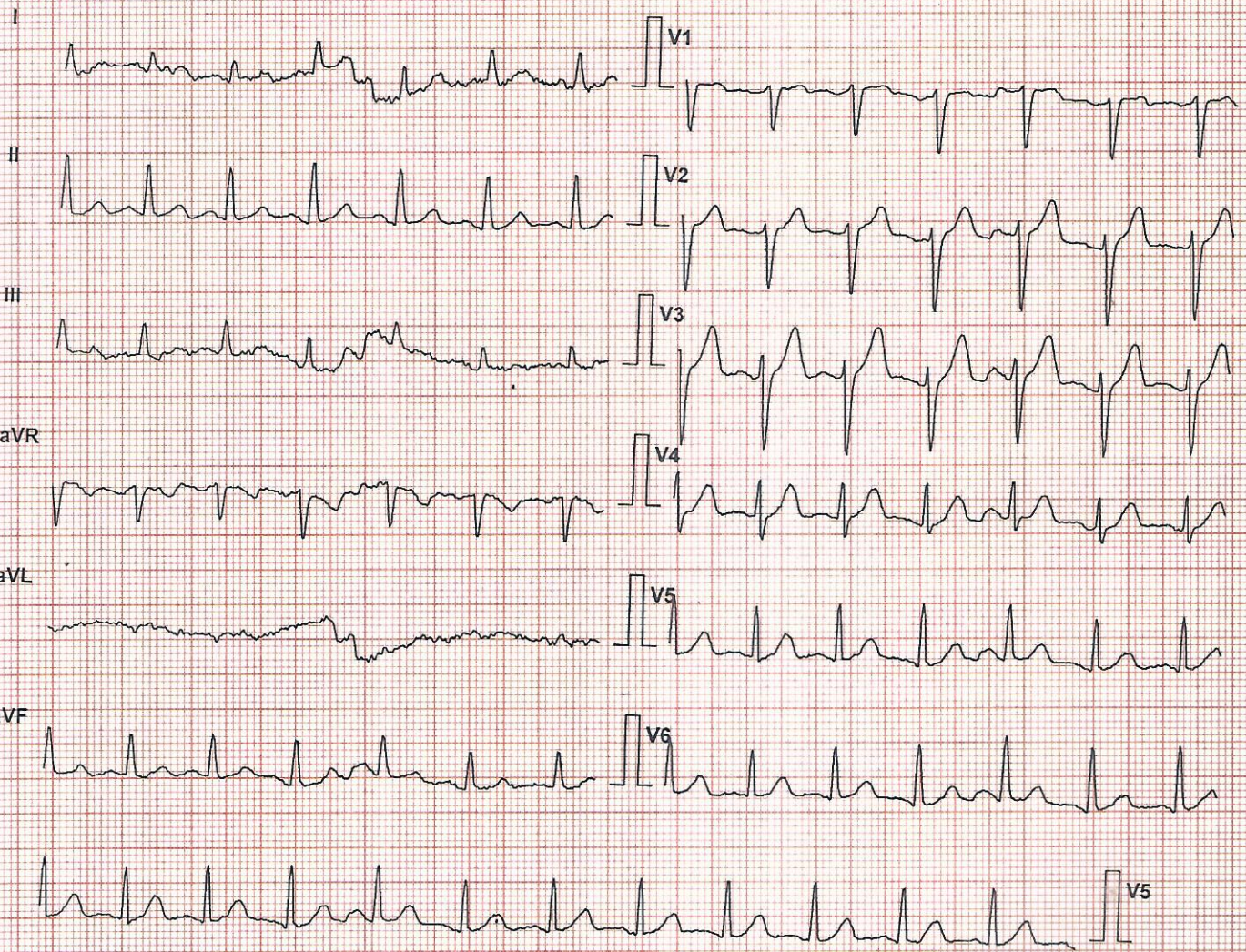
Stage: 1

Stage Time : 2 m 32 s

Date: 12/21/2021 B.P: 128 / 86

Speed: 1.7 mph Grade: 10 %

HR: 120 bpm (THR: 165 bpm)



| Lead          | ST Level (mm) | ST Slope (mV/s) |
|---------------|---------------|-----------------|
| aVR           | 0.5           | 0.7             |
| aVL           | 0.4           | 0.9             |
| aVF           | -0.2          | 0.0             |
| V1            | -0.4          | -0.7            |
| V2            | 0.3           | 0.4             |
| V3            | 0.0           | 0.4             |
| V4            | 0.6           | 0.2             |
| V5            | 1.6           | 2.1             |
| V6            | 2.5           | 2.7             |
| V5 (repeated) | 0.8           | 1.4             |
| V6 (repeated) | 3.3           | 3.7             |
| V6 (repeated) | 0.6           | 1.2             |

Print Speed: 25 mm/sec

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

Phillips Healthcare India Pvt. Ltd. V 4.12

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

Post J = J + 60 ms

sanju das (36 M)

ID: b8214789

Date: 12/21/2021 B.P: 130 / 85

Protocol: Bruce

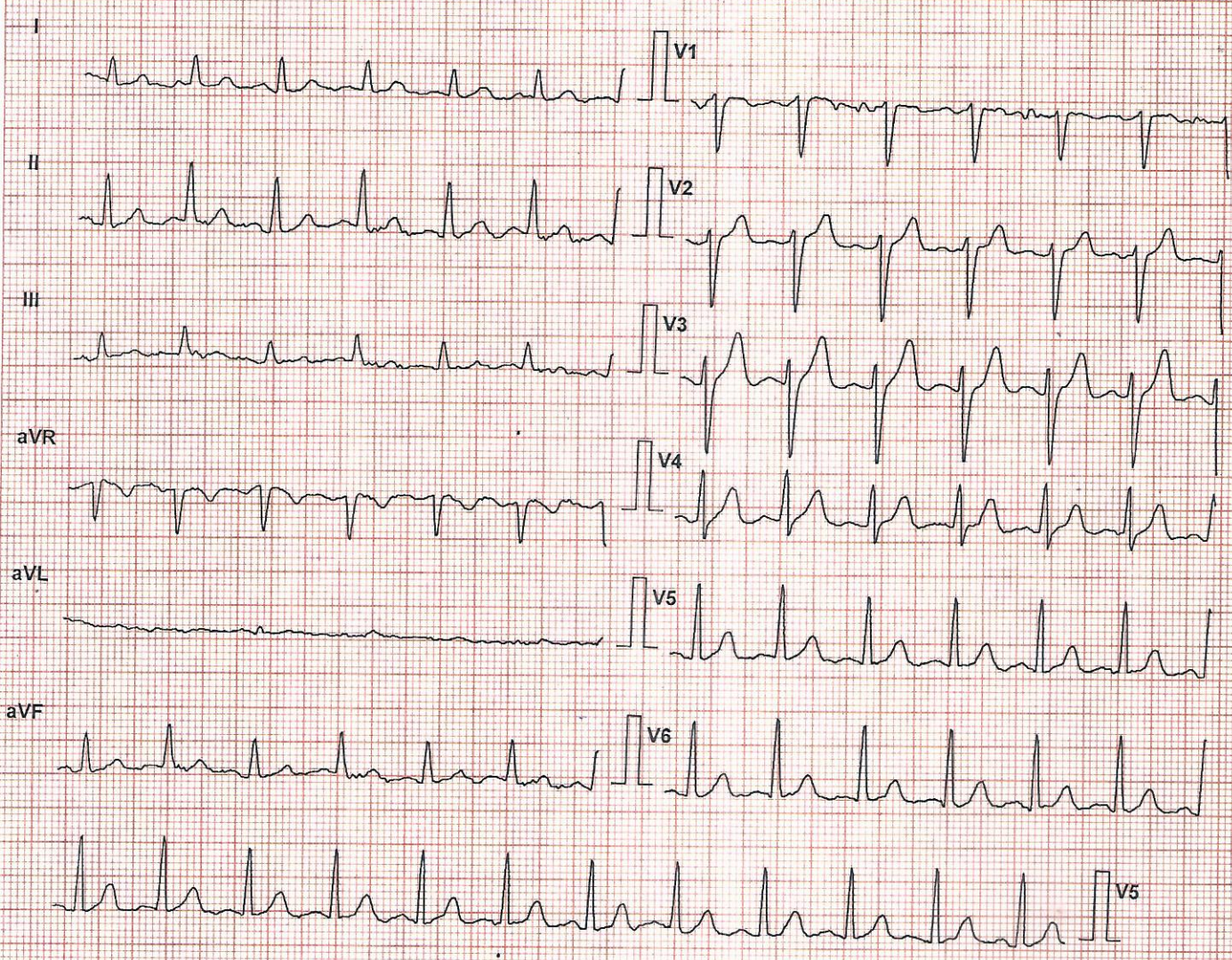
Stage: 2

Speed: 2.5 mph Grade: 12 %

Exec Time : 4 m 49 s

Stage Time : 2 m 17 s

HR: 118 bpm (THR: 165 bpm)



| Lead | ST Level (mm) | ST Slope (mV/s) |
|------|---------------|-----------------|
| aVR  | 0.3           | 0.5             |
| aVL  | 0.1           | 0.5             |
| aVF  | -0.3          | -0.2            |
| V1   | -0.3          | -0.7            |
| V2   | 0.3           | 0.4             |
| V3   | -0.1          | 0.2             |
| V4   | 0.4           | 0.2             |
| V5   | 1.8           | 2.1             |
| V6   | 3.0           | 3.4             |

Chart Speed: 25 mm/sec Filter: 35 Hz Mains Filt: ON Amp: 10 mm  
 Iso = R - 60 ms J = R + 60 ms Post J = J + 60 ms

sanju das (36 M)

ID: b8214789

Date: 12/21/2021 B.P: 130 / 86

Protocol: Bruce

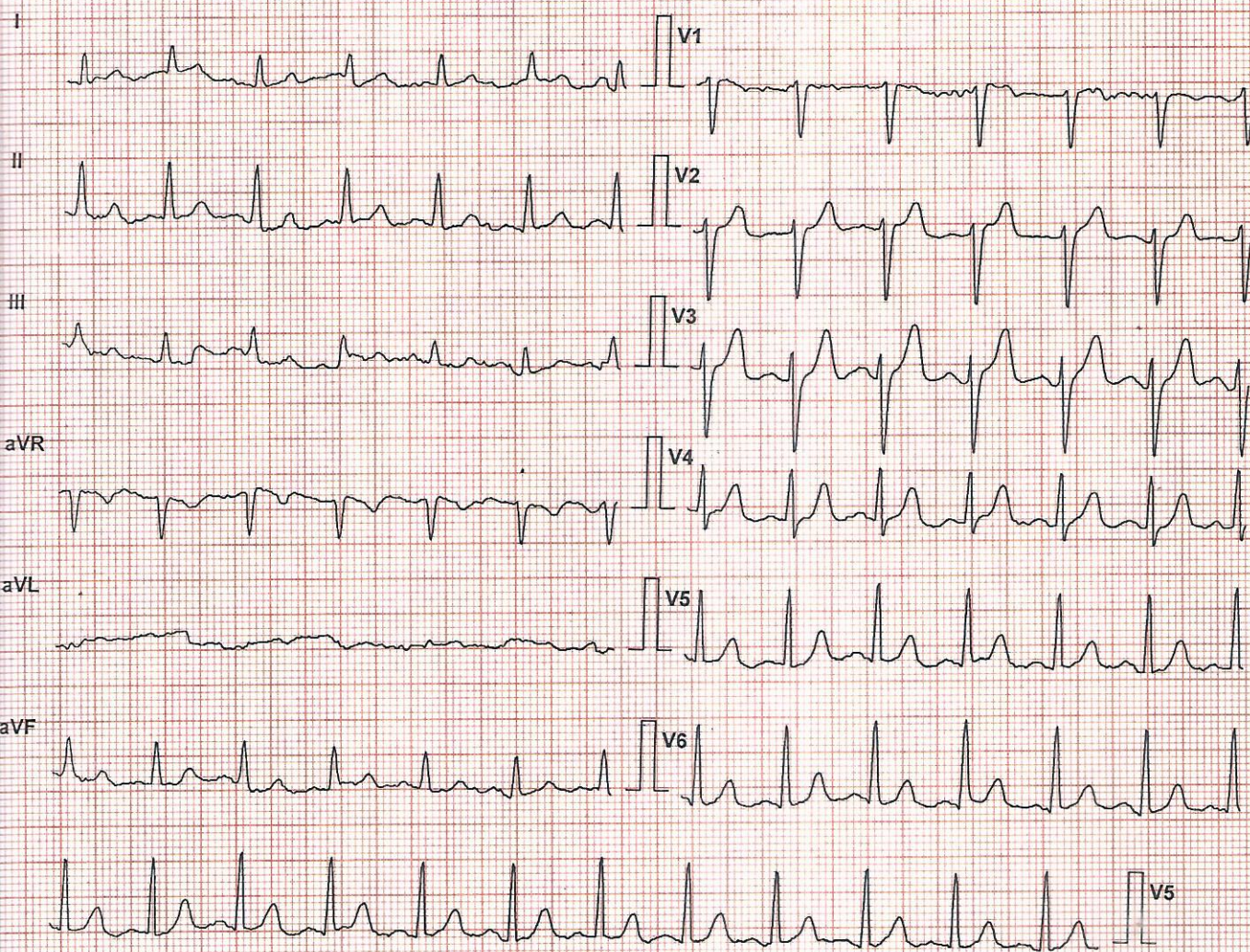
Stage: Peak Ex

Speed: 3.4 mph Grade: 14 %

Exec Time : 7 m 7 s

Stage Time : 2 m 18 s

HR: 116 bpm (THR: 165 bpm)



| Lead | ST Level (mm) | ST Slope (mV/s) |
|------|---------------|-----------------|
| aVR  | 0.3           | 0.4             |
| V1   | -0.4          | -0.5            |
| V4   | 0.6           | -0.4            |
| V4   | 1.9           | 1.8             |
| aVL  | 0.3           | 0.4             |
| V2   | 0.2           | 0.2             |
| V5   | 2.2           | 1.9             |
| V5   | 1.1           | 1.2             |
| aVF  | 0.0           | 0.0             |
| V3   | 0.1           | 0.2             |
| V6   | 3.3           | 3.5             |
| V6   | 0.8           | 1.2             |

Print Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Chiller Healthcare India Pvt. Ltd. V 4.12

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

Post J = J + 60 ms



sanju das (36 M)

ID: b8214789

Date: 12/21/2021 B.P: 128/84

Protocol: Bruce

Stage: Recovery(1)

Speed: 0 mph

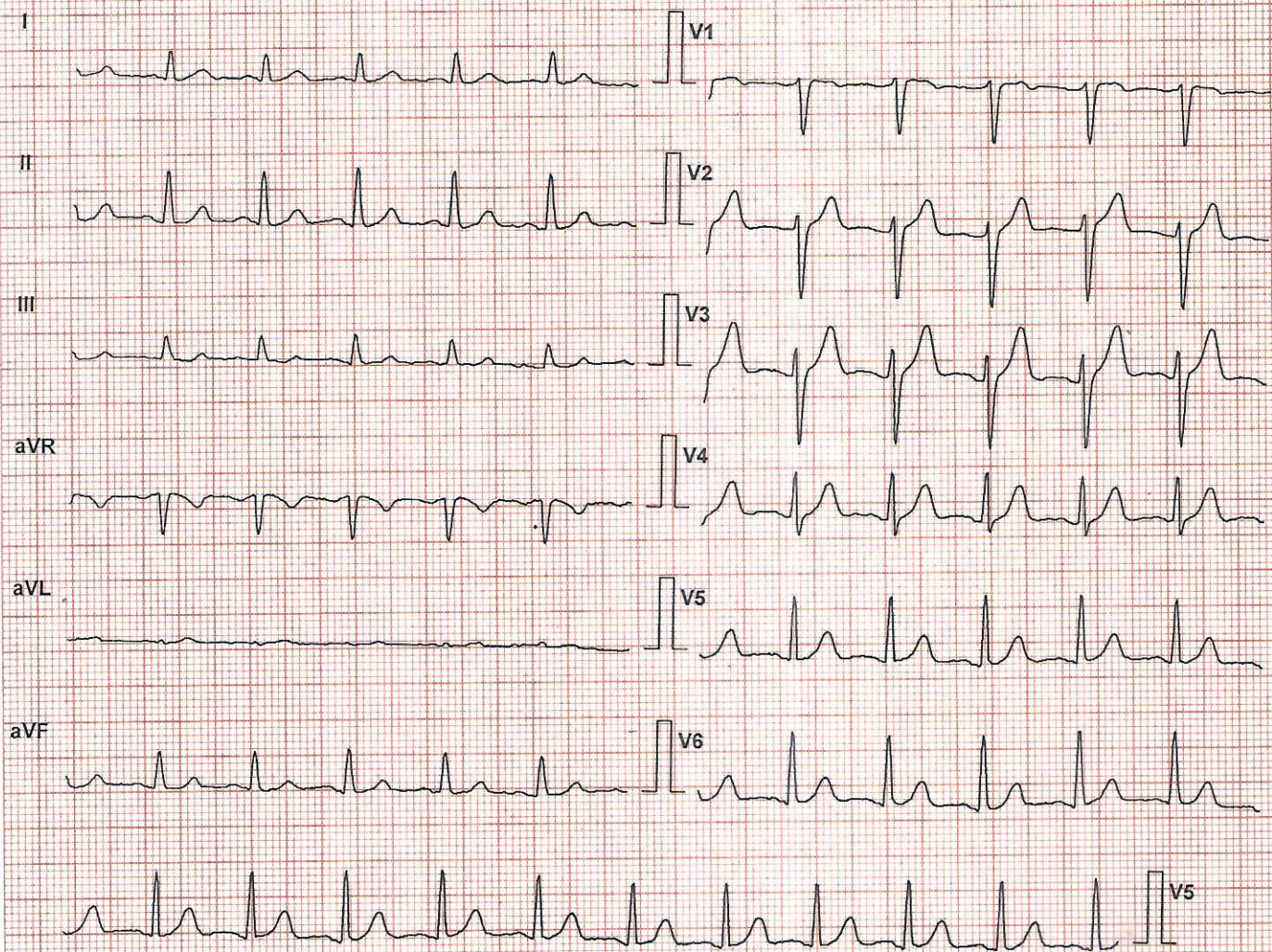
Grade: 0 %

Exec Time : 7 m 7 s

Stage Time : 0 m 41 s

HR: 110 bpm

(THR: 165 bpm)



| Lead | ST Level (mm) | ST Slope (mV/s) |
|------|---------------|-----------------|
| I    | 0.3           | 0.5             |
| II   | 0.4           | 0.7             |
| III  | 0.0           | -0.2            |
| aVR  | -0.3          | -0.7            |
| aVL  | 0.0           | 0.0             |
| aVF  | 0.2           | 0.4             |
| V1   | 0.5           | 0.0             |
| V2   | 2.1           | 2.1             |
| V3   | 3.0           | 3.0             |
| V4   | 1.6           | 1.8             |
| V5   | 1.0           | 1.2             |
| V6   | 0.8           | 1.2             |

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

sanju das (36 M)

ID: b8214789

Date: 12/21/2021 B.P: 126 / 82

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

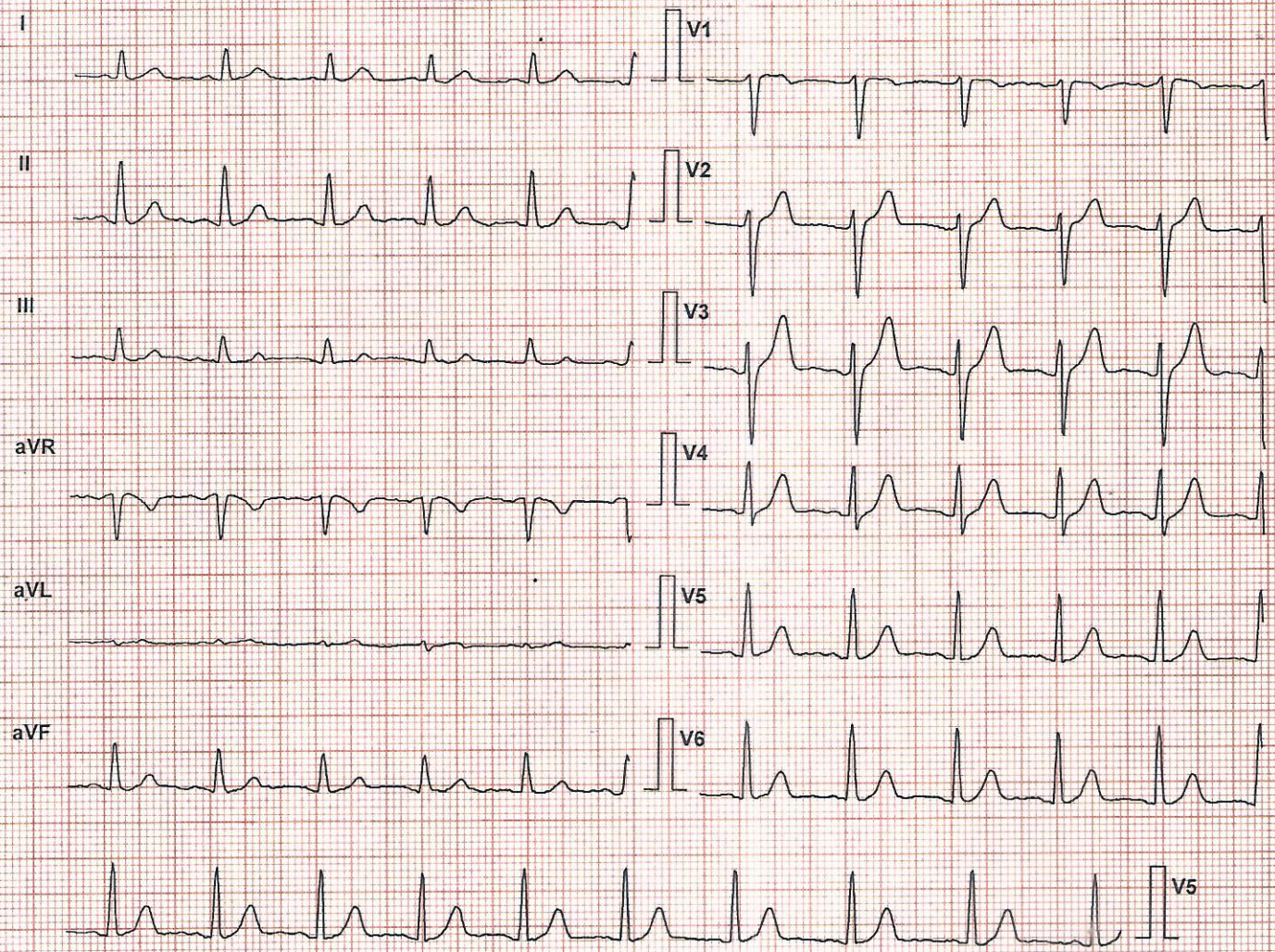
Grade: 0 %

Exec Time : 7 m 7 s

Stage Time : 0 m 36 s

HR: 95 bpm

(THR: 165 bpm)



| Lead | ST Level (mm) | ST Slope (mV / s) |
|------|---------------|-------------------|
| I    | 0.2           | 0.5               |
| aVR  | -0.3          | -0.7              |
| V1   | 0.7           | 0.2               |
| V4   | 1.6           | 1.8               |
| II   | 0.2           | 0.5               |
| aVL  | 0.1           | 0.2               |
| V2   | 2.1           | 2.3               |
| V5   | 1.0           | 1.4               |
| III  | 0.0           | 0.0               |
| aVF  | 0.1           | 0.4               |
| V3   | 3.3           | 3.4               |
| V6   | 0.5           | 0.9               |

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

sanju das (36 M)

ID: b8214789

Date: 12/21/2021 B.P: 124 / 82

Protocol: Bruce

Stage: Recovery(3)

Speed: 0 mph

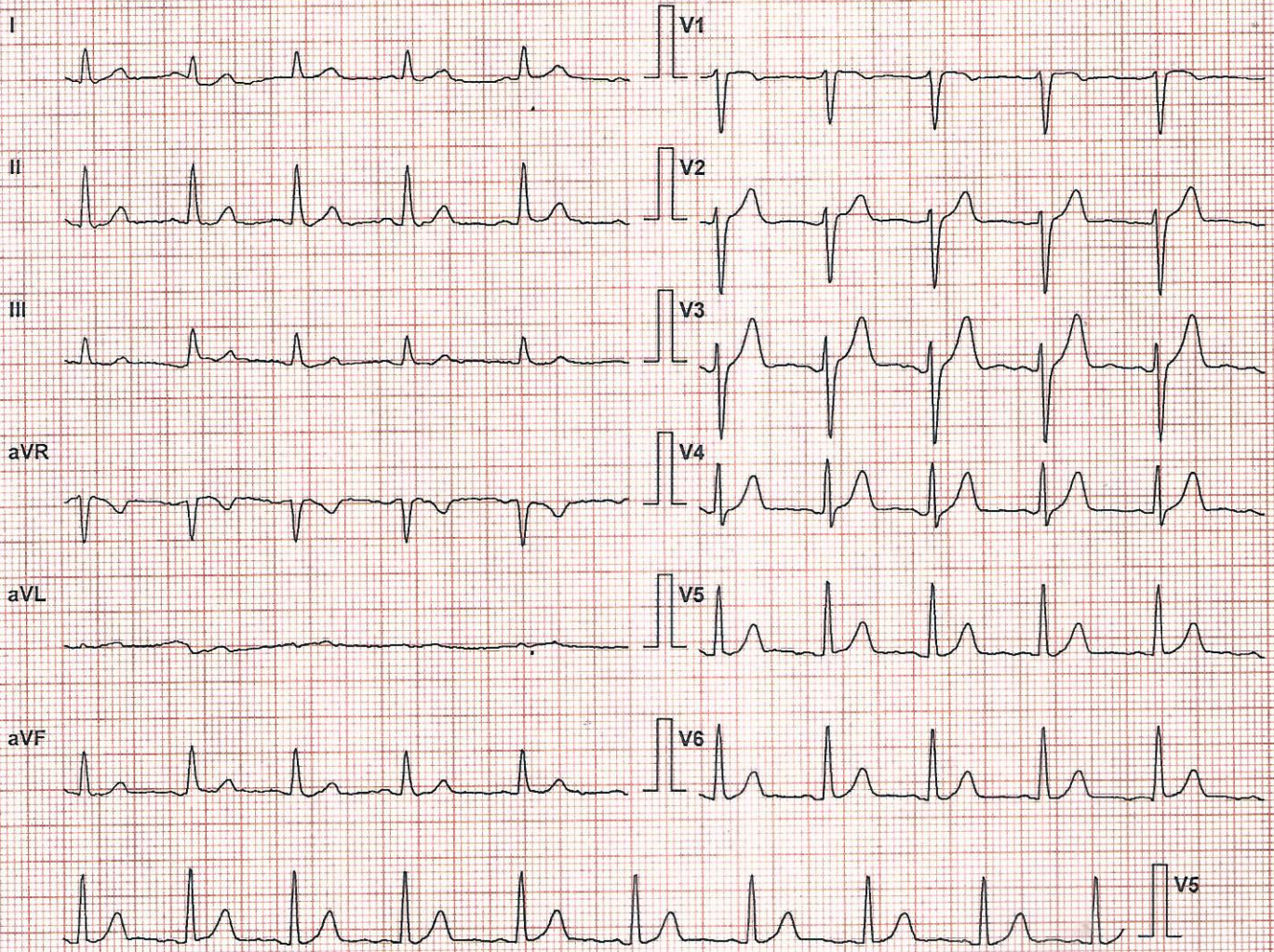
Grade: 0 %

Exec Time : 7 m 7 s

Stage Time : 0 m 42 s

HR: 94 bpm

(THR: 165 bpm)



| Lead | ST Level (mm) | ST Slope (mV/s) |
|------|---------------|-----------------|
| I    | 0.2           | 0.5             |
| aVR  | -0.2          | -0.5            |
| V1   | 0.6           | 0.0             |
| V4   | 1.4           | 1.2             |
| II   | 0.3           | 0.5             |
| aVL  | 0.0           | 0.0             |
| V2   | 1.8           | 1.8             |
| V5   | 1.0           | 1.1             |
| III  | 0.1           | 0.0             |
| aVF  | 0.2           | 0.4             |
| V3   | 2.8           | 2.7             |
| V6   | 0.8           | 1.2             |

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

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Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

sanju das (3 M)

Protocol: Bruce

Exec Time : 7 m 7 s

ID: b8214789

Stage: Recovery(4)

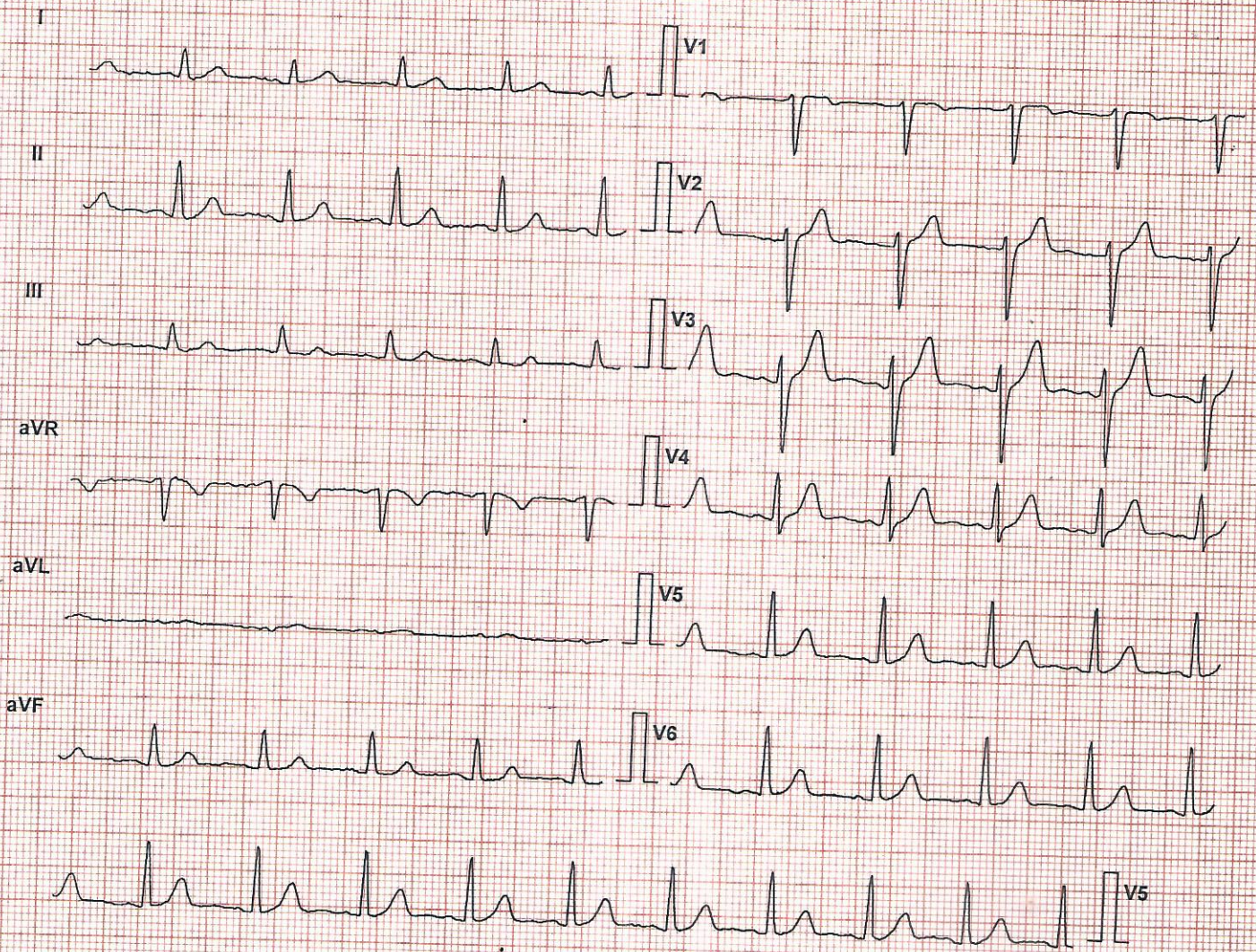
Stage Time : 0 m 0 s

Date: 12/21/2021 B.P: 124 / 82

Speed: 0 mph

Grade: 0 %

HR: 100 bpm (THR: 165 bpm)



| Lead | ST Level (mm) | ST Slope (mV/s) |
|------|---------------|-----------------|
| I    | 0.3           | 0.7             |
| II   | 0.3           | 0.7             |
| III  | 0.0           | -0.2            |
| aVR  | -0.3          | -0.7            |
| aVL  | 0.1           | 0.2             |
| aVF  | 0.2           | 0.4             |
| V1   | 0.4           | -0.4            |
| V2   | 1.9           | 1.8             |
| V3   | 2.7           | 2.3             |
| V4   | 1.4           | 1.4             |
| V5   | 1.0           | 1.4             |
| V6   | 0.8           | 1.2             |

Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

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