

Suburban Diagnostics Lullanagar

Patient Details

Date: 28-Dec-21

Time: 11:43:48 AM

Name: SUHAIL KHAN ID: 2135939728

Age: 39 y

Sex: M

Height: 161 cms

Weight: 62 Kgs

Clinical History: NIL

Medications: NIL

Test Details

Protocol: Bruce

Pr.MHR: 181 bpm

THR: 162 (90 % of Pr.MHR) bpm

Total Exec. Time: 6 m 27 s

Max. HR: 164 (91% of Pr.MHR) bpm

Max. Mets: 10.20

Max. BP: 142 / 96 mmHg

Max. BP x HR: 23288 mmHg/min

Min. BP x HR: 6720 mmHg/min

Test Termination Criteria: Target HR attained

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 : 11	1.0	0	0	84	120 / 80	0.00 I	0.00 II
Standing	0 : 7	1.0	0	0	88	120 / 80	-0.42 aVR	1.42 V2
Hyperventilation	0 : 7	1.0	0	0	92	120 / 80	-0.64 aVR	1.42 V2
1	3 : 0	4.6	1.7	10	129	120 / 80	-1.27 V1	2.48 II
2	3 : 0	7.0	2.5	12	156	132 / 86	-1.27 III	2.48 II
Peak Ex	0 : 27	10.2	3.4	14	164	142 / 96	-1.06 III	2.48 I
Recovery(1)	1 : 0	1.8	1	0	143	142 / 96	-1.49 aVR	3.54 V3
Recovery(2)	1 : 0	1.0	0	0	132	142 / 96	-1.70 aVR	4.25 V3
Recovery(3)	1 : 0	1.0	0	0	124	142 / 96	-1.27 aVR	3.89 V3
Recovery(4)	1 : 0	1.0	0	0	126	142 / 96	-1.06 aVR	2.83 II
Recovery(5)	1 : 0	1.0	0	0	132	142 / 96	-0.85 aVR	2.12 II
Recovery(6)	0 : 4	1.0	0	0	125	142 / 96	-0.42 aVR	1.77 II

Interpretation

The patient exercised according to the Bruce protocol for 6 m 27 s achieving a work level of Max. METS : 10.20. Resting heart rate initially 84 bpm, rose to a max. heart rate of 164 (91% of Pr.MHR) bpm. Resting blood Pressure 120 / 80 mmHg, rose to a maximum blood pressure of 142 / 96 mmHg.

Good Effort Tolerance.

No Angina/Arrhythmia/Dyspnoea/significant ST T changes during test/recovery.

Stress Test is NEGATIVE for Inducible Myocardial Ischemia.

Disclaimer :

Negative Stress Test does not rule out Coronary Artery Diseases.

Positive Test is suggestive but not confirmatory of Coronary Artery Disease.

Hence clinical correlation is mandatory.

Ref. Doctor: BOB

(Summary Report edited by user)

Doctor: DR. MILIND SHINDE

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Dr. MILIND SHINDE
MBBS, DNB Medicine
Reg. No. 2011/05/1544

SUHAIL KHAN (39 M)

ID: 2135939728

Date: 28-Dec-21

Exec Time : 0 m 0 s

Stage Time : 0 m 5 s

HR: 84 bpm

Protocol: Bruce

Stage: Supine

Speed: 0 mph

Grade: 0%

(THR: 162 bpm)

B.P: 120 / 80

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

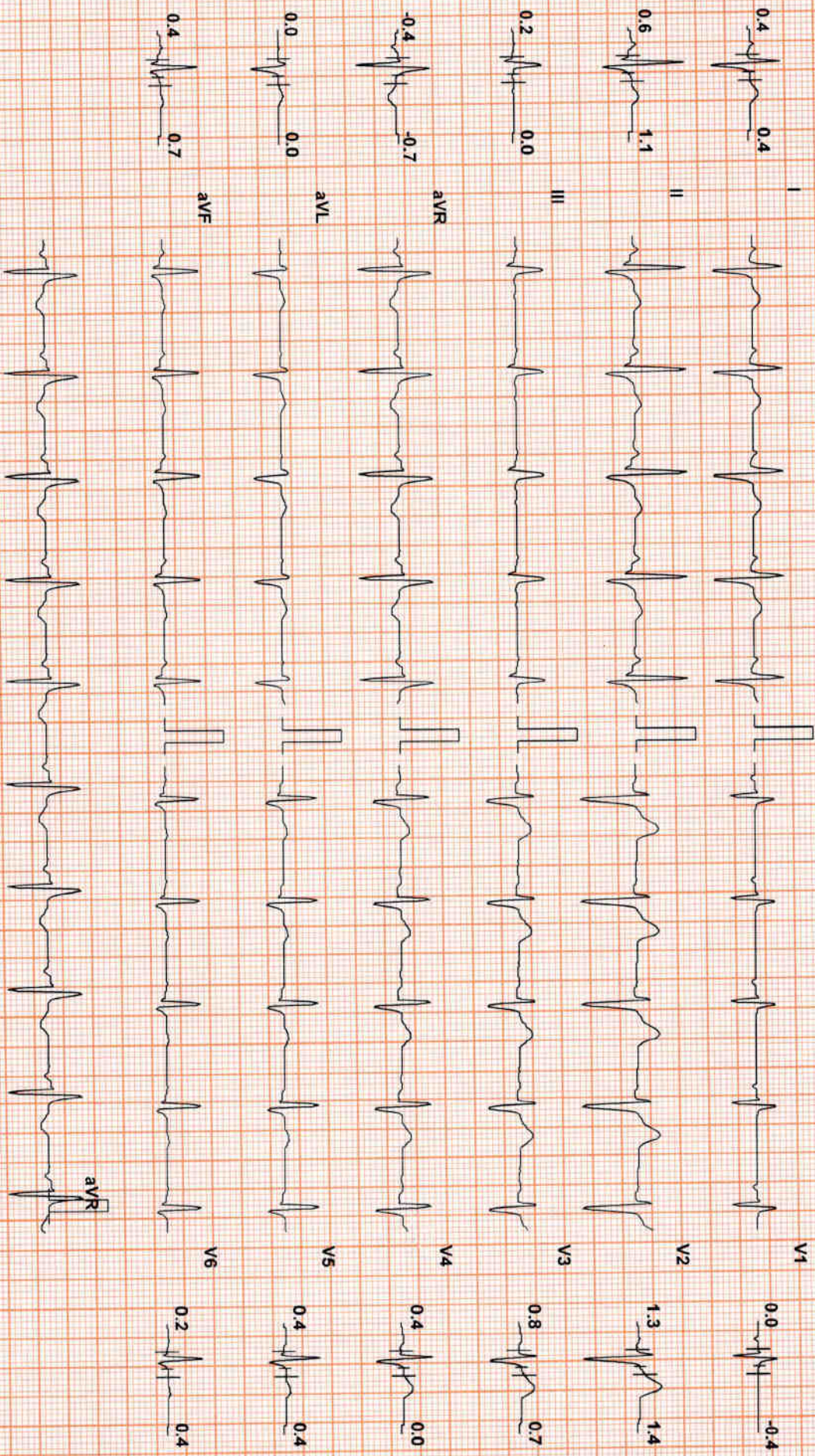


Chart Speed: 25 mm/sec
Schlitz Spandau V 4.5f

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

1st = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



SUHAIL KHAN (39 M)

ID: 2136939728

Date: 28-Dec-21

Exec Time : 0 m 0 s

Stage Time : 0 m 1 s

HR: 88 bpm

Protocol: Bruce

Stage: Standing

Speed: 0 mph

Grade: 0 %

(THR: 162 bpm)

B.P: 120 / 80

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

0.4 0.4



0.0 -0.4

0.6 1.1



1.1 1.1

0.0 0.0



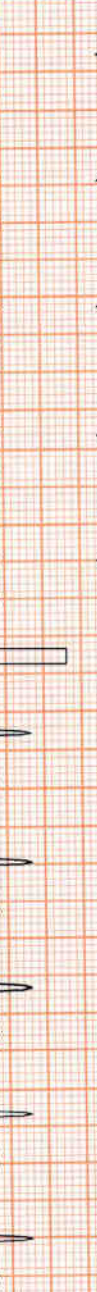
0.8 0.4

-0.4 -0.7



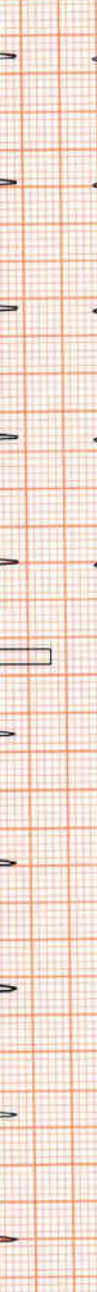
0.4 0.0

0.0 0.0



0.4 0.4

0.4 0.4



0.2 0.4



0.4 0.4

Chart Speed: 25 mm/sec
Schlter Standard V 4.51

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



SUHAIL KHAN (39 M)

ID: 2135939728

Date: 28-Dec-21

Exec Time : 0 m 0 s

Stage Time : 0 m 1 s

HR: 90 bpm

Protocol: Bruce

Stage: Hyperventilation Speed: 0 mph

Grade: 0 %

(THR: 162 bpm)

E.P.: 120 / 80

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

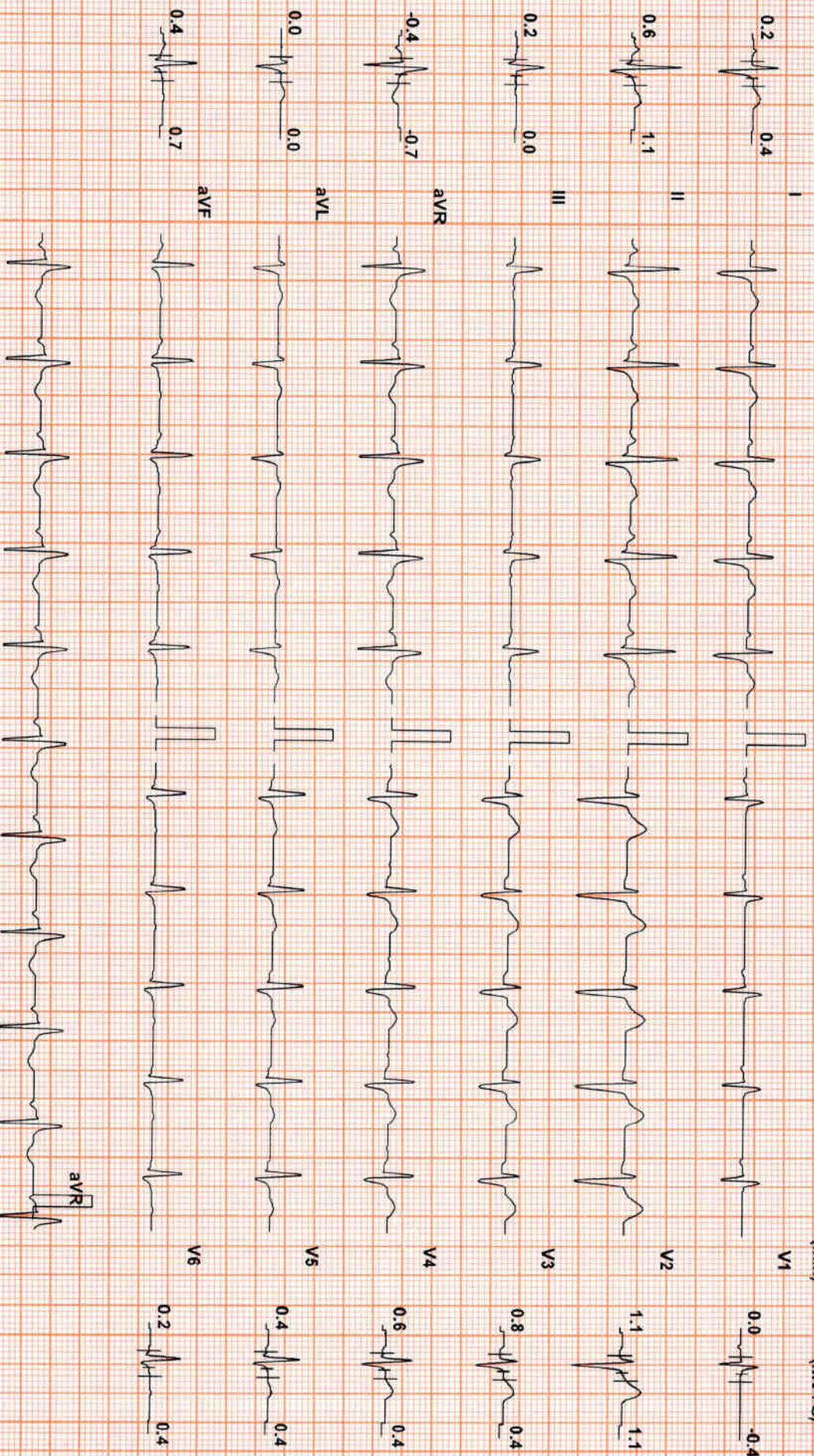


Chart Speed: 25 mm/sec
Schiller Spandau V 4.51

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 80 ms

Linked Median



SUHAIL KHAN (39 M)

ID: 2135939728

Date: 28-Dec-21 Exec Time : 2 m 54 s Stage Time : 2 m 54 s HR: 129 bpm

Protocol: Bruce

Stage: 1

Speed: 1.7 mph

Grade: 10 %

(THR: 162 bpm)

B.P: 120 / 80

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

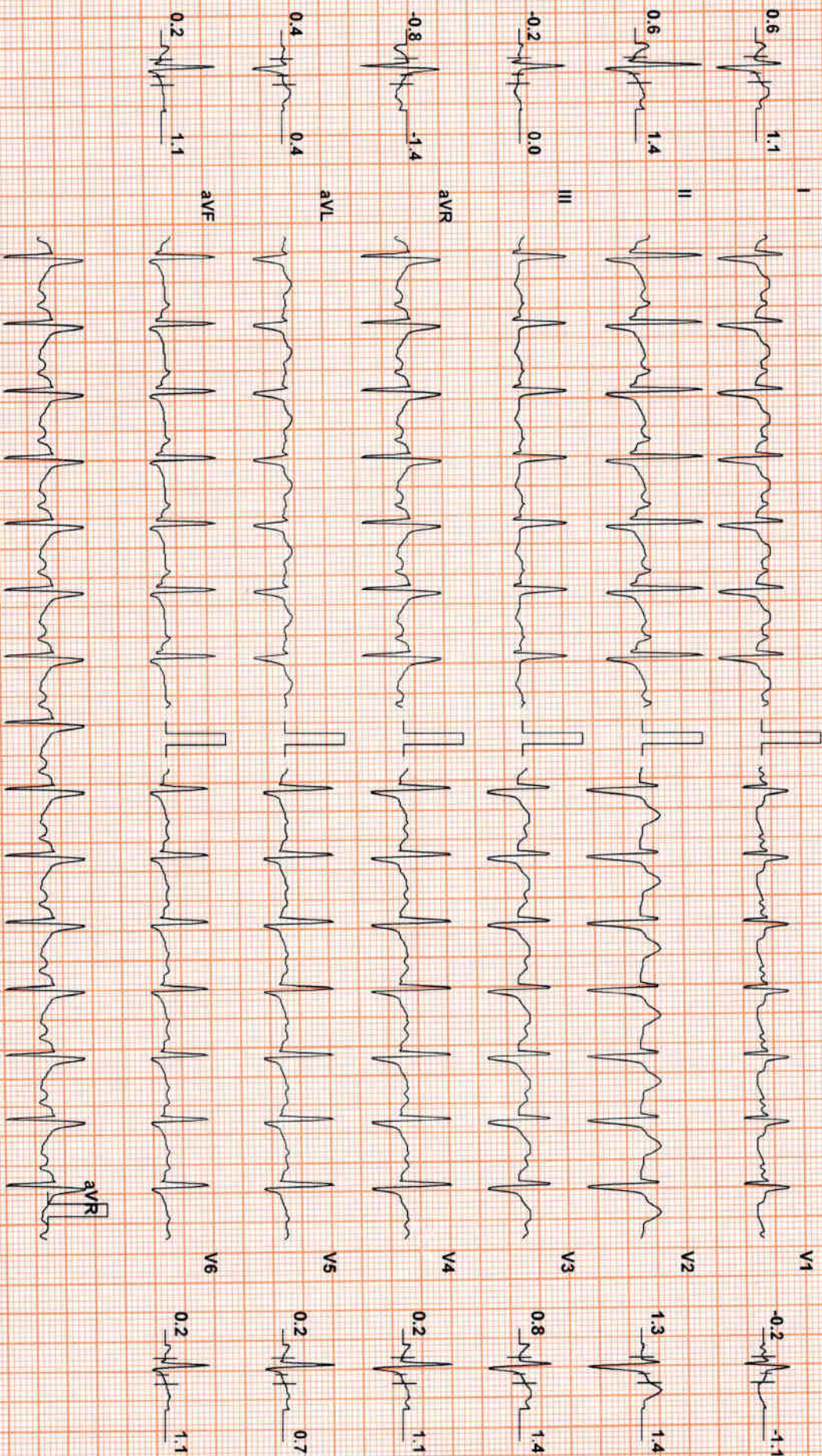


Chart Speed: 25 mm/sec
Schlier Sparden V 4.5f

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



SUHAIL KHAN (39 M)

ID: 2135939728

Date: 28-Dec-21 Exec Time : 5 m 54 s Stage Time : 2 m 54 s HR: 156 bpm

Protocol: Bruce

Stage: 2

Speed: 2.5 mph Grade: 12 %

(THR: 162 bpm)

B.P: 132/86

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

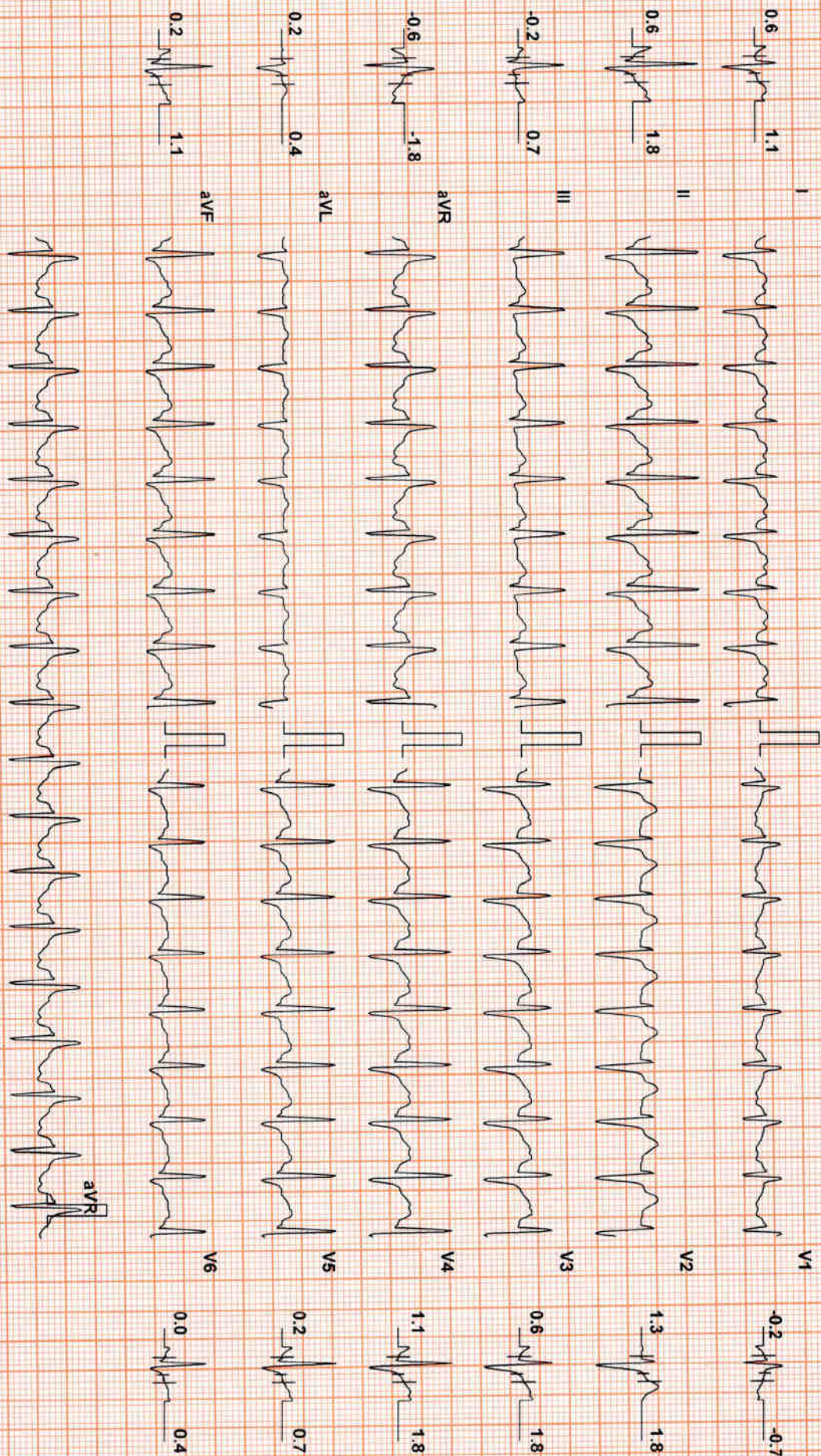


Chart Speed: 25 mm/sec
Schlier Spindler V 4.51

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO - R - 60 ms

J - R + 60 ms

Post J = J + 60 ms

Linked Median



SUHAIL KHAN (39 M)

ID: 2135939728

Date: 28-Dec-21

Exec Time : 6 m 21 s Stage Time : 0 m 21 s HR: 163 bpm

Protocol: Bruce

Stage: Peak Ex

Speed: 3.4 mph

Grade: 14 %

(THR: 162 bpm)

B.P: 142/96

ST Level (mm) ST Slope (mv/s)

ST Level (mm) ST Slope (mv/s)

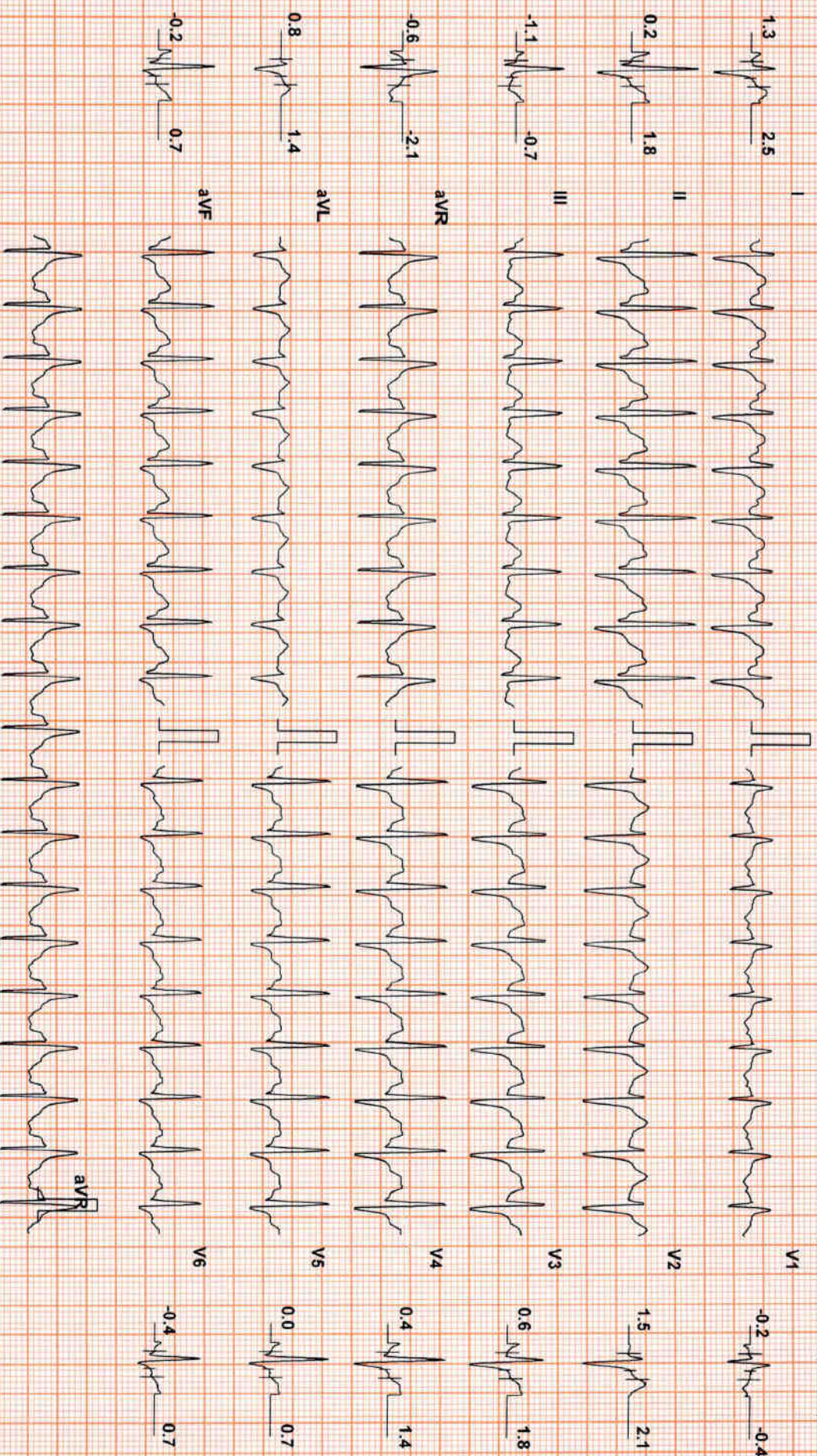


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Filt: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Schiller Spandan V4.51

Linked Median



SUHAIL KHAN (39 M)

ID: 2136939728

Date: 28-Dec-21 Exec Time : 6 m 27 s Stage Time : 0 m 54 s HR: 145 bpm

Protocol: Bruce

Stage: Recovery(1)

Speed: 1 mph

Grade: 0 %

(THR: 162 bpm)

B.P: 142 / 96

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

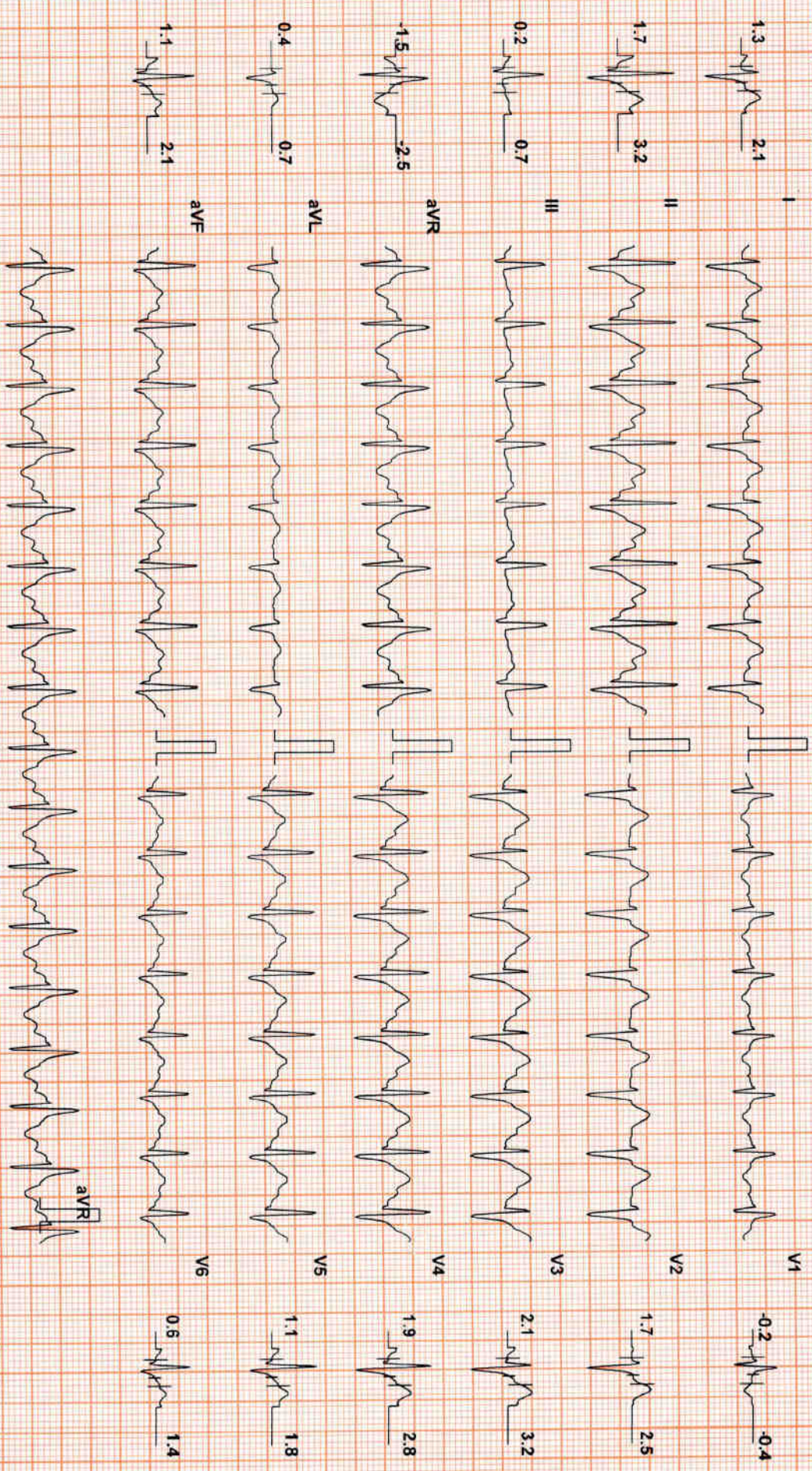


Chart Speed: 25 mm/sec
Schlitz Standard V 4.51

Filter: 35 Hz

Mains Filtr. ON

Amp: 10 mm

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



SUHAIL KHAN (39 M)

ID: 2135939728

Date: 28-Dec-21

Exec Time : 6 m 27 s Stage Time : 0 m 54 s HR: 133 bpm

Protocol: Bruce

Stage: Recovery(2)

Speed: 0 mph

Grade: 0%

(THR: 162 bpm)

B.P.: 142/96

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

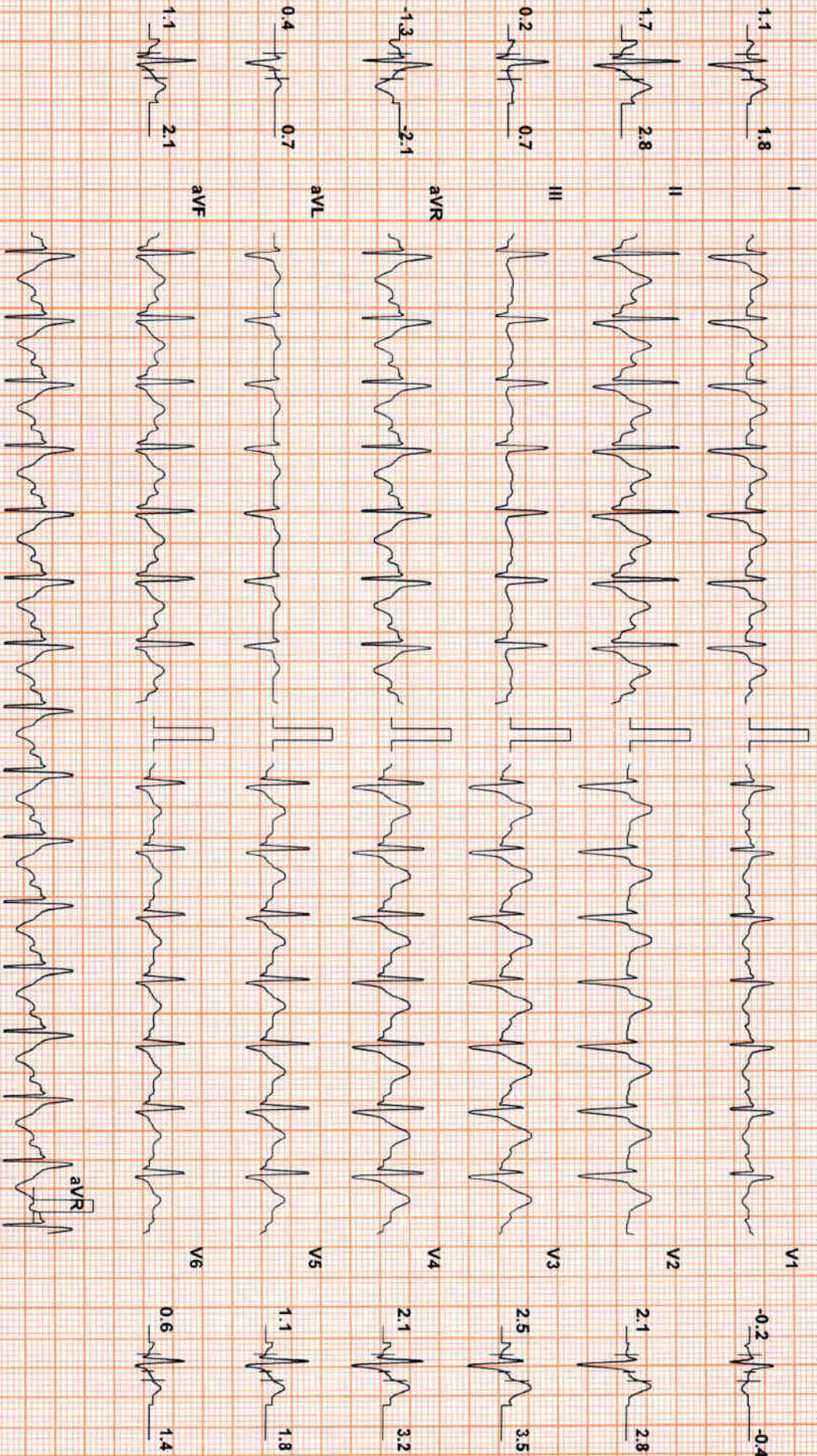


Chart Speed: 25 mm/sec
Schiller Sparden V 4.51

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



SUHAIL KHAN (39 M)

ID: 2135939728

Date: 28-Dec-21

Exec Time : 6 m 27 s Stage Time : 0 m 54 s HR: 128 bpm

Protocol: Bruce

Stage: Recovery(3)

Speed: 0 mph

Grade: 0 %

(THR: 162 bpm)

B.P: 142 / 96

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

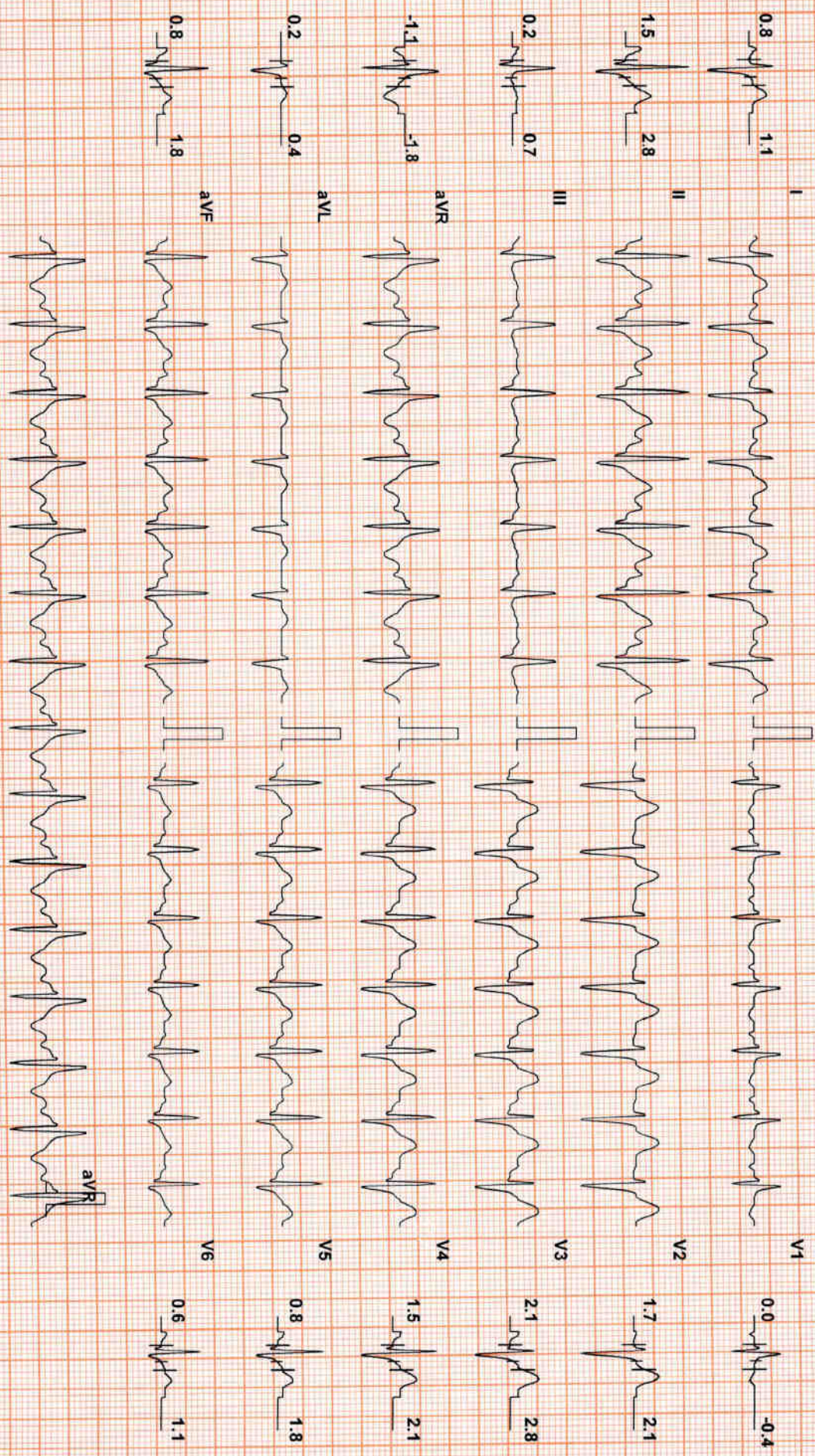


Chart Speed: 25 mm/sec
Schlier Spandan V 4.51

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISA = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



SUHAIL KHAN (39 M)

ID: 2135939728

Date: 28-Dec-21

Exec Time : 6 m 27 s Stage Time : 0 m 54 s HR: 125 bpm

Protocol: Bruce

Stage: Recovery(4)

Speed: 0 mph

Grade: 0 %

(THR: 162 bpm)

B.P: 142 / 96

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

I 0.4 0.7



ST Level (mm) ST Slope (mV/s)

II 1.3 2.1



ST Level (mm) ST Slope (mV/s)

III 0.4 0.4



ST Level (mm) ST Slope (mV/s)

aVL 0.2 0.4



ST Level (mm) ST Slope (mV/s)

aVR -0.8 -1.4



ST Level (mm) ST Slope (mV/s)

V1 0.0 -0.4



ST Level (mm) ST Slope (mV/s)

V2 1.5 1.8



ST Level (mm) ST Slope (mV/s)

V3 1.7 2.1



ST Level (mm) ST Slope (mV/s)

V4 1.1 1.4



ST Level (mm) ST Slope (mV/s)

V5 0.6 1.4



ST Level (mm) ST Slope (mV/s)

V6 0.4 1.1



ST Level (mm) ST Slope (mV/s)

Chart Speed: 25 mm/sec
Schlitz Spindler V 4 51

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

Isd = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Linked Median



Suburban Diagnostics Lullanagar

Test Report

SUHAIL KHAN (39 M)

ID: 2135939728

Date: 28-Dec-21

Exec Time : 6 m 27 s Stage Time : 0 m 54 s **HR: 125 bpm**

Protocol: Bruce

Stage: Recovery(5)

Speed: 0 mph

Grade: 0 %

(THR: 162 bpm)

B.P: 142 / 96

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

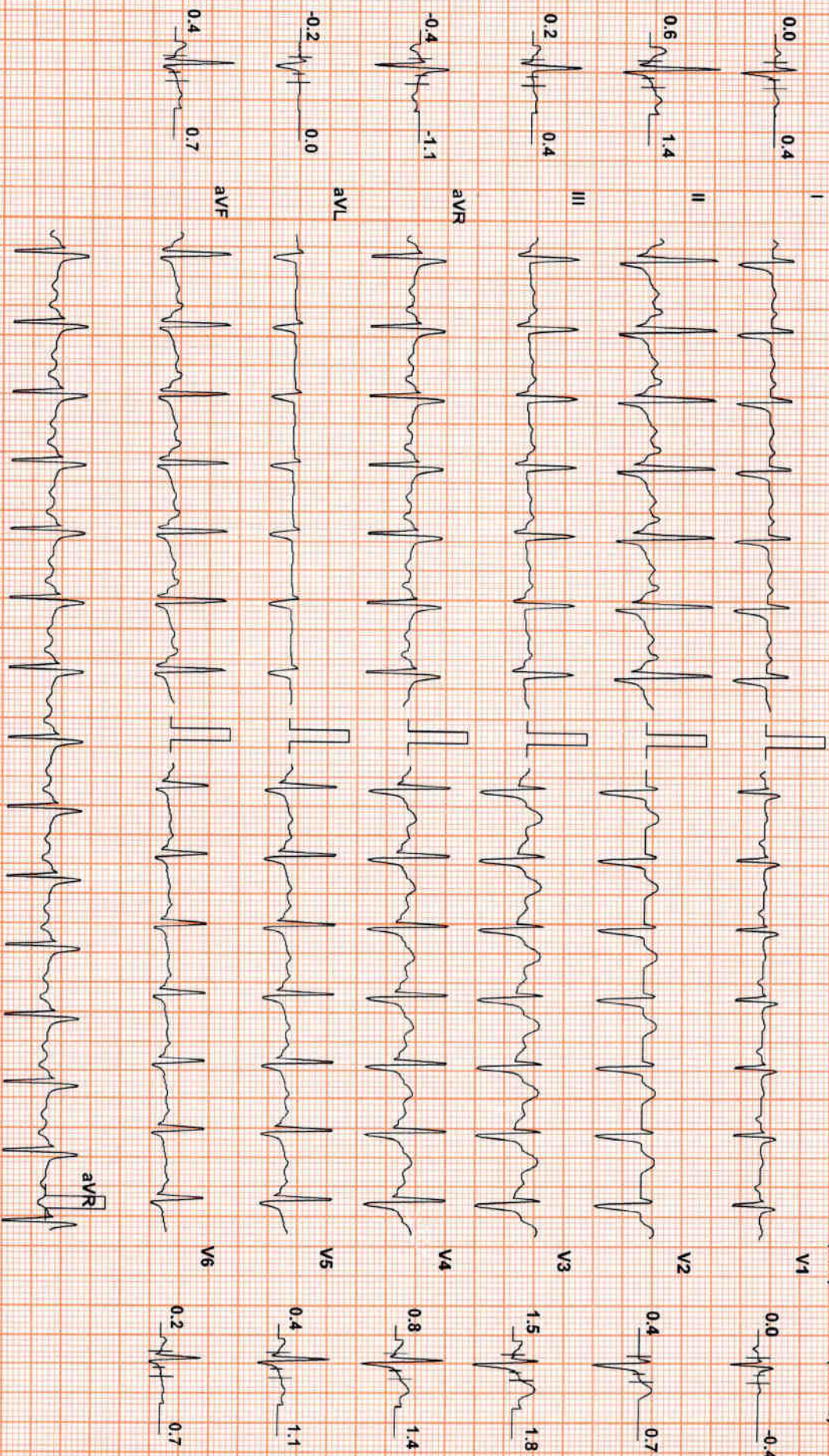


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

Schiller Spandan V 4.5f

Linked Median



SUHAIL KHAN (39 M)

ID: 21359939728

Date: 28-Dec-21 Exec Time: 6 m 27 s Stage Time: 0 m 58 s HR: 125 bpm

Protocol: Bruce

Stage: Recovery(6)

Speed: 0 mph Grade: 0 %

(THR: 162 bpm)

B.P.: 142 / 96

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)

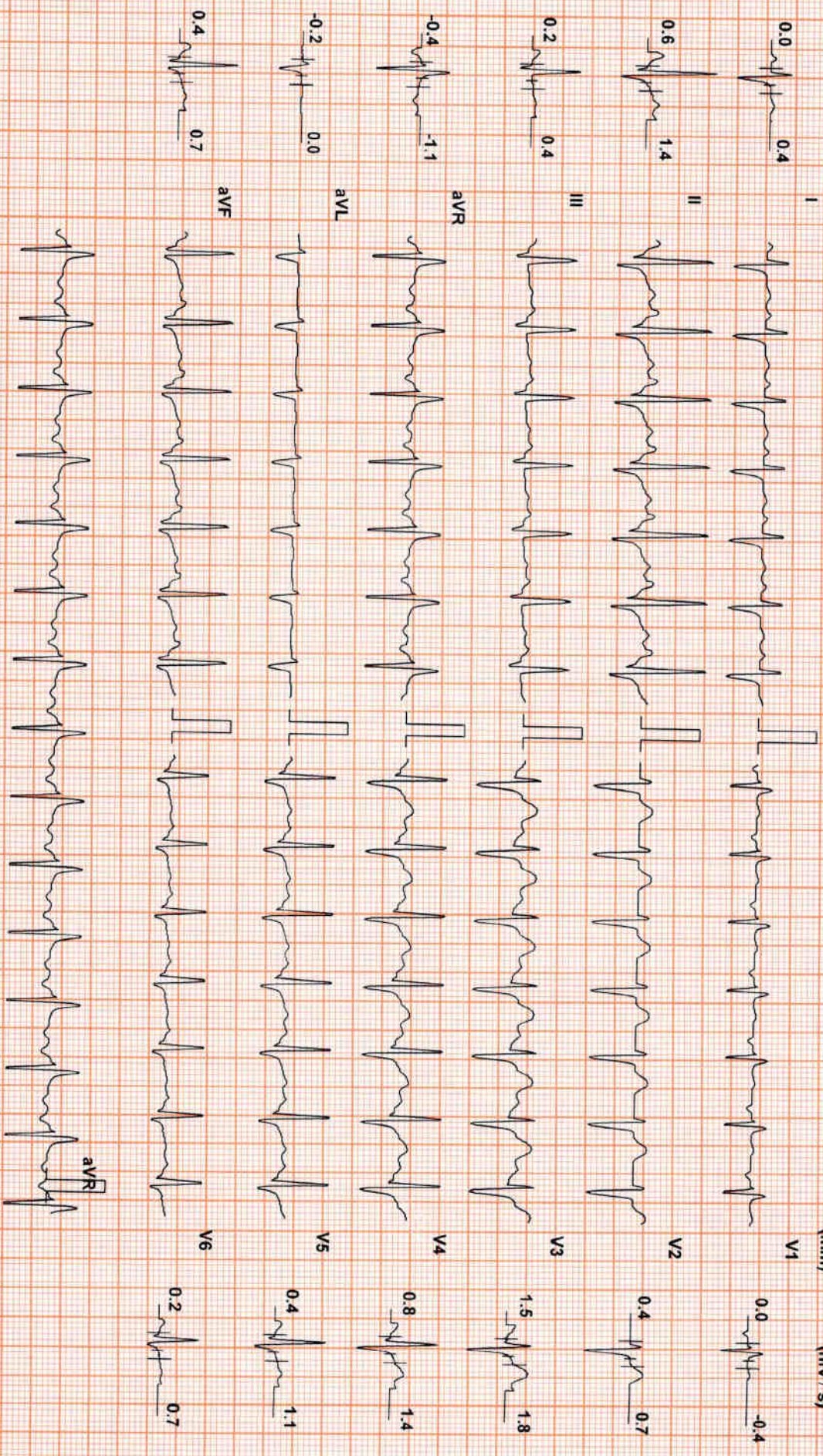


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

Isd = R - 60 ms

J = R + 60 ms

Posit J = J + 60 ms

Linked Median

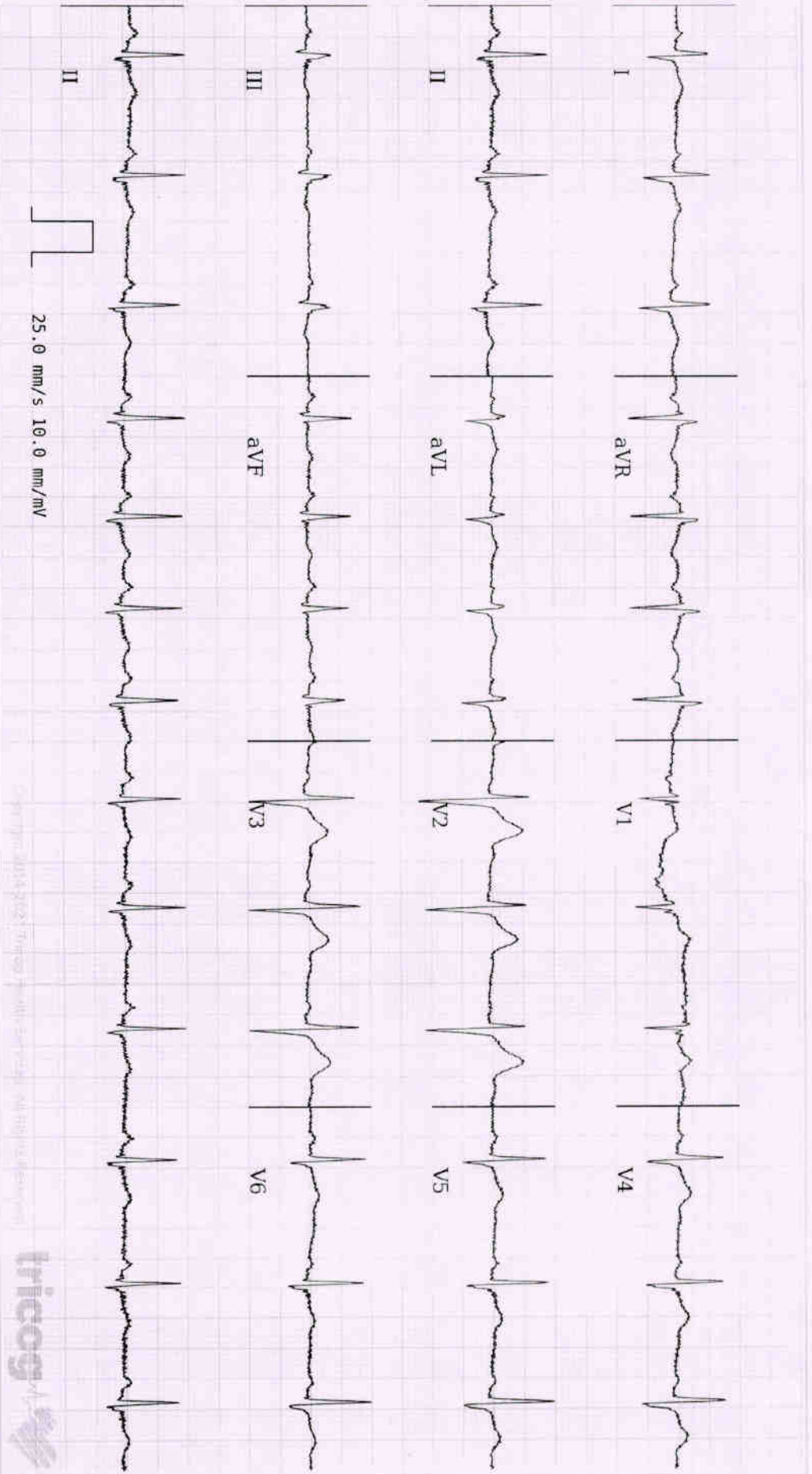
Schiller Spandem V 4.5f



Patient Name: SUHAIL KHAN

Date and Time: 28th Dec 21 10:55 AM

Patient ID: 2135939728



25.0 mm/s 10.0 mm/mV



Age **39** 0 0
years months days

Gender **Male**

Heart Rate **81 bpm**

Patient Vitals

BP: 120/80 mmHg

Weight: 62 kg

Height: 161 cm

Pulse: NA

Spo2: NA

Resp: NA

Others:

Measurements

QSRD: 92 ms

QT: 376 ms

QTc: 436 ms

PR: 140 ms

P-R-T: 48° 63° 23°

REPORTED BY

[Signature]

Dr. Milind Shinde
MBBS, DNB Medicine
2011/05/1544

Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.