

EXERCISE STRESS TEST REPORT

Patient Name: PRASAD, SUNIL
Patient ID: 237586
Height: 172 cm
Weight: 73 kg

DOB: 27.08.1980
Age: 43 yrs
Gender: Male
Race:

Study Date: 12.03.2024
Test Type: --
Protocol: BRUCE

Referring Physician: --
Attending Physician: --
Technician: --

Medications:
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Medical History:
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Reason for Exercise Test:
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Exercise Test Summary

Phase Name	Stage Name	Time in Stage	Speed [km/h]	Grade [%]	HR [bpm]	BP [mmHg]	Comment
PRETEST	SUPINE	00:32	0.00	0.00	100	120/70	
	STANDING	00:07	0.00	0.00	100		
	HYPERV.	00:04	0.00	0.00	99		
EXERCISE	WARM-UP	00:13	0.20	0.00	110		
	STAGE 1	03:00	2.70	10.00	121	120/70	
	STAGE 2	03:00	4.00	12.00	139	130/80	
RECOVERY	STAGE 3	01:17	5.40	14.00	153	130/80	
		02:12	0.00	0.00	114	130/80	

The patient exercised according to the BRUCE for 7:16 min:s, achieving a work level of Max. METS: 10.10. The resting heart rate of 100 bpm rose to a maximal heart rate of 155 bpm. This value represents 87 % of the maximal, age-predicted heart rate. The resting blood pressure of 120/70 mmHg, rose to a maximum blood pressure of 130/80 mmHg. The exercise test was stopped due to Target heart rate achieved.

Interpretation
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Conclusions
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CARDIOLOGIST Non significant ST-T changes



Patient ID: 237586

12.03.2024

12:14:12

Male 172 cm 73 kg

43 yrs

Meds:

Test Reason:

Medical History:

Ref. MD: Ordering MD:
 Technician: Test Type:
 Comment:

BRUCE: Exercise Time 07:16
 Max HR: 155 bpm 87% of max predicted 177 bpm HR at rest: 100
 Max BP: 130/80 mmHg BP at rest: 120/70 Max RPP: 20150 mmHg*bp
 Maximum Workload: 10.10 METS
 Max ST: -0.11 mV, 0.23 mV/s in V6; RECOVERY 0:14
 ST/HR index: 1.88 μ V/bpm
 ST/HR slope: 1.85 μ V/bpm (V6)
 HR reserve used: 68 %
 HR recovery: 27 bpm
 VE recovery: 0 VE/min
 ST/HR hysteresis: 0.021 mV (III)
 QRS duration: BASELINE: 82 ms, PEAK EX: 82 ms, REC: 80 ms
Reasons for Termination: Target heart rate achieved
 Room:
 Location: * 0 *

Phase Name	Stage Name	Time in Stage	Speed [km/h]	Grade [%]	Workload [METS]	HR [bpm]	BP [mmHg]	RPP [mmHg*bp]	VE [l/min]	ST Level V6 [mV]	Comment
PRETEST	SUPINE	00:32	0.00	0.00	1.0	100	120/70	12000	0	0.08	
	STANDING	00:07	0.00	0.00	1.0	100		12000	0	0.08	
	HYPERV.	00:04	0.00	0.00	1.0	99		11880	0	0.08	
	WARM-UP	00:13	0.20	0.00	1.0	110		13200	0	0.07	
EXERCISE	STAGE 1	03:00	2.70	10.00	4.6	121	120/70	14520	0	0.06	
	STAGE 2	03:00	4.00	12.00	7.0	139	130/80	18070	0	-0.04	
	STAGE 3	01:17	5.40	14.00	10.0	153	130/80	19890	0	-0.10	
RECOVERY		02:12	0.00	0.00	1.0	114	130/80	14820	0	-0.03	

BASELINE EXERCISE

0-01
111 bpm
120/70 mmHg

MAX. ST RECOVERY

0-14
155 bpm
130/80 mmHg

PEAK EXERCISE EXERCISE

7:17
153 bpm
130/80 mmHg

TEST END RECOVERY

1:50
113 bpm
130/80 mmHg

BASELINE EXERCISE

0-01
111 bpm
120/70 mmHg

MAX. ST RECOVERY

0-14
155 bpm
130/80 mmHg

PEAK EXERCISE EXERCISE

7:17
153 bpm
130/80 mmHg

TEST END RECOVERY

1:50
113 bpm
130/80 mmHg

I
0.07 mV
0.35 mV/s

I
0.01
0.69

I
0.01
0.40

I
0.01
0.42

VI
-0.03
-0.74

VI
0.06
0.02

VI
0.06
0.10

VI
0.01
-0.14

II
0.10
0.77

II
-0.07
0.33

II
-0.06
0.05

II
-0.01
0.64

VII
0.04
0.41

VII
0.04
0.64

VII
0.04
0.66

VII
0.03
0.41

III
0.03
0.18

III
-0.07
-0.33

III
-0.07
-0.45

III
-0.02
0.20

VIII
0.14
1.73

VIII
-0.04
1.40

VIII
-0.03
1.30

VIII
0.02
1.11

aVR
-0.08
-0.99

aVR
0.03
-0.66

aVR
0.02
-0.32

aVR
0.00
-0.70

IV
0.12
1.47

IV
-0.08
0.98

IV
-0.07
1.08

IV
0.01
0.82

aVL
0.03
0.13

aVL
0.04
0.44

aVL
0.04
0.34

aVL
0.01
0.00

V
0.10
1.26

V
-0.09
0.92

V
-0.07
0.69

V
-0.01
0.60

aVF
0.06
0.52

aVF
-0.07
-0.05

aVF
-0.07
-0.18

aVF
-0.01
0.44

VI
0.08
0.96

VI
-0.11
0.23

VI
-0.10
0.48

VI
-0.02
0.30

GE CardioSoft V7.0 (10)
10 mm/mV 50 Hz 0.04Hz FRF HEART V5.41.1

Unconfirmed

Attending MD:

Pa

PRASAD, SUNIL
Patient ID: 237586
12.03.2024
12:14:10
Male 172 cm 73 kg
43 yrs

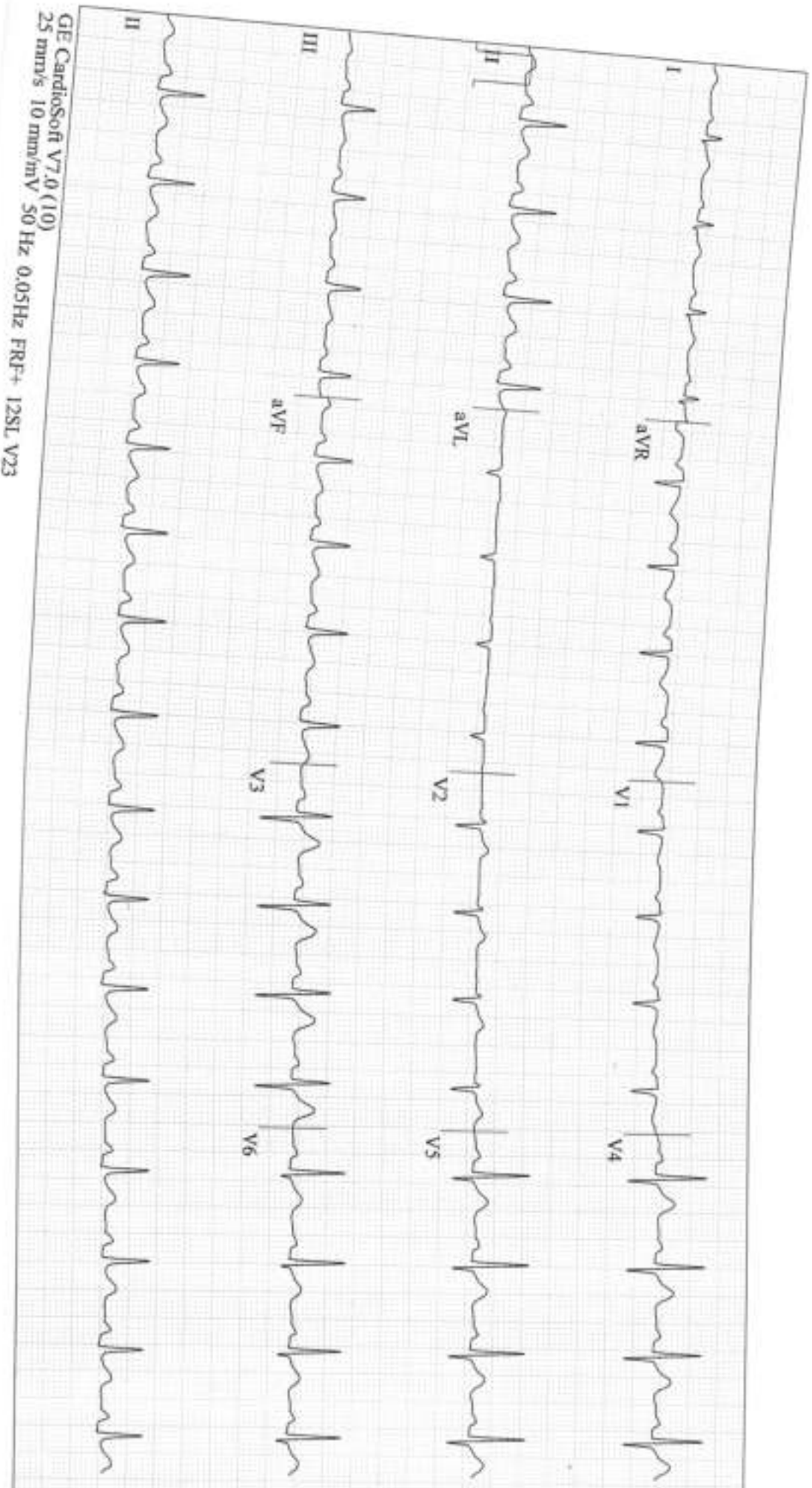
Exercise Test / 12SL Report

APOLLO CLIN

Technician
Medication:

Heart Rate	98 bpm
PR interval	160 ms
QRS duration	74 ms
QT / QTc	324 / 413 ms
P-R-T axes	64 / 76 / 61 °
P duration	90 ms
RR interval	614 ms

Normal sinus rhythm
Normal ECG



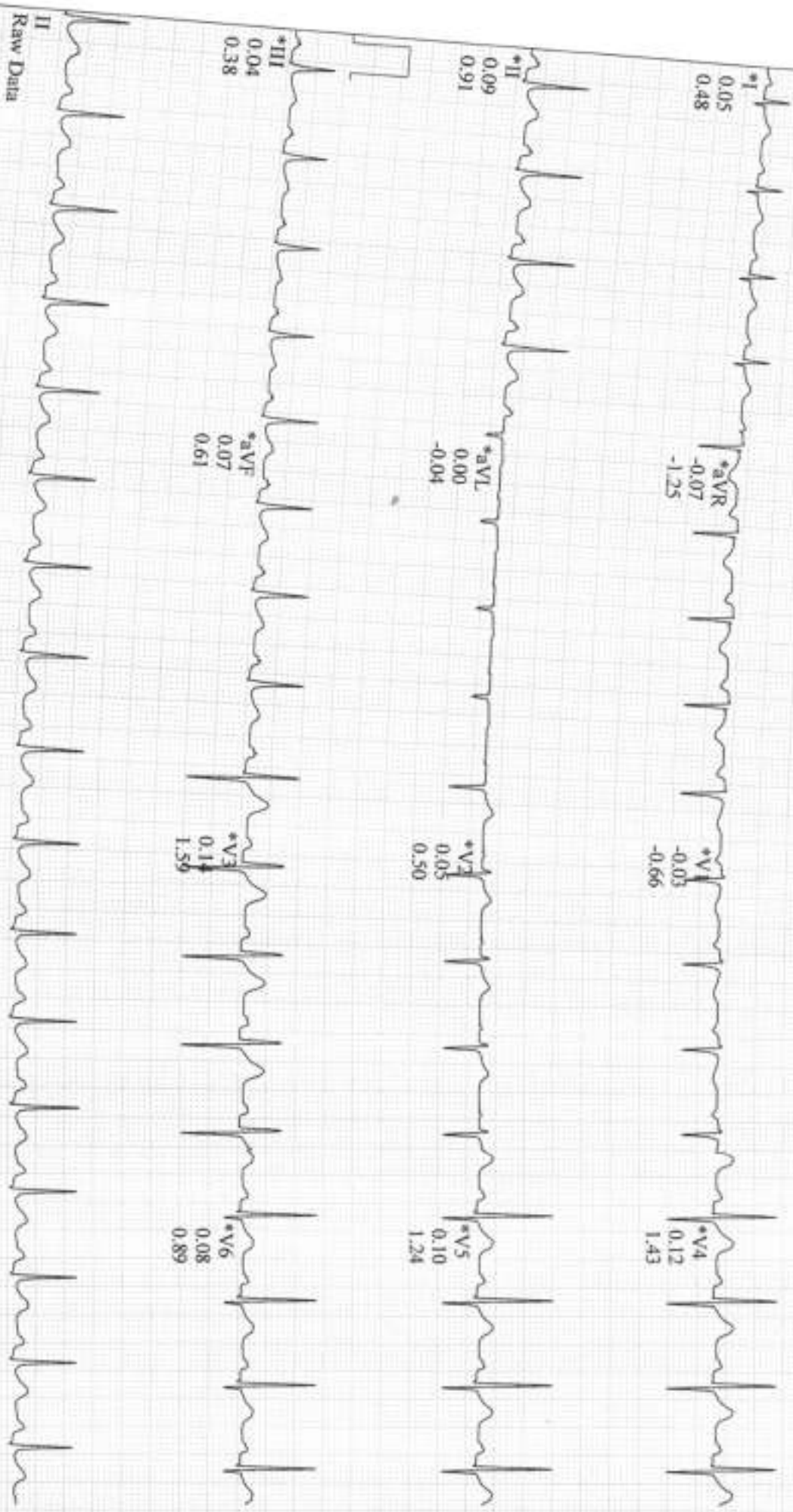
PRASAD, SUNIL
 Patient ID: 237586
 12.03.2024 Male 172 cm 73 kg
 12:14:42 43 yrs

Exercise Test / Linked Medians
 100 bpm
 120/70 mmHg
 PRETEST
 SUPINE
 00:30

BRUCE
 0.0 km/h
 0.0 %

APOLLO CLINI

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



II
 Raw Data

GE CardioSoft V7.0 (10)
 25 mm/s 10 mm/mV 50 Hz 0.05Hz FRF+ HR(V5, V3)

*Computer Synthesized Rhythms

Start of Test 12:14:12

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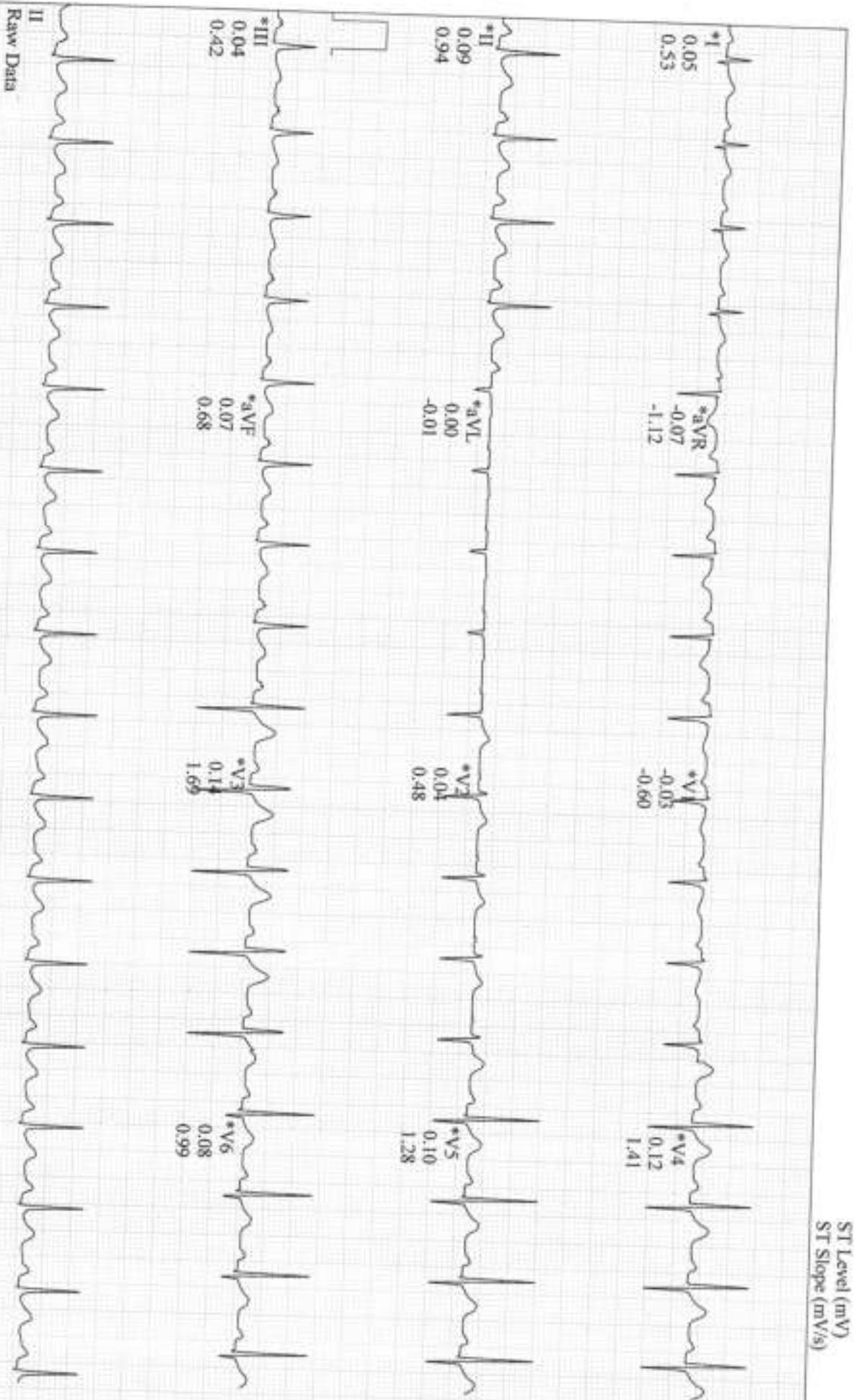
PRASAD, SUNIL
Patient ID: 237586
12.03.2024 Male 172 cm 73 kg
12:14:48 43 yrs

Exercise Test / Linked Medians
PRETEST
STANDING
100 bpm
120/70 mmHg

BRUCE
0.0 km/h
0.0 %

APOLLO CLINIC

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



Raw Data

*Computer Synthesized Rhythms

GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05Hz FRF+ HR(V5,V3)

Start of Test 12:14:12

PRASAD, SUNIL
 Patient ID: 237586
 12.03.2024
 12:14:51

Male
 43 yrs
 172 cm
 73 kg

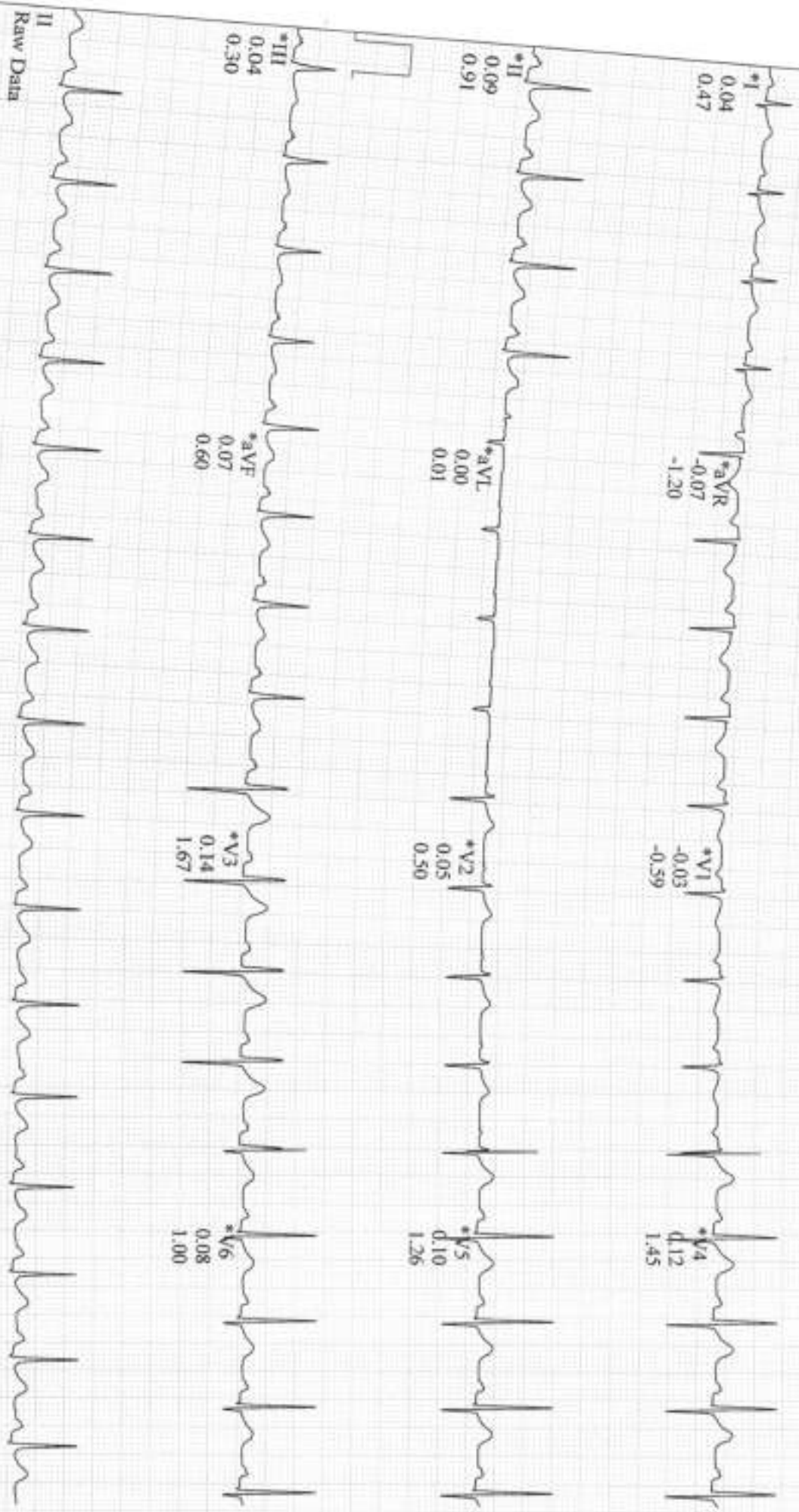
100 bpm
 120/70 mmHg

Exercise Test / Linked Medians
 PRETEST
 HYPERV.
 00:39

BRUCE
 0.0 km/h
 0.0 %

APOLLO CLINI

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



GE CardioSoft V7.0 (10)
 25 mm/s 10 mm/mV 50 Hz 0.05Hz FRF+ HR(V5,V3)

*Computer Synthesized Rhythms

Start of Test: 12:14:12

PRASAD, SUNIL
 Patient ID: 237586
 12.03.2024
 12:17:54

Male
 43 yrs
 172 cm
 73 kg

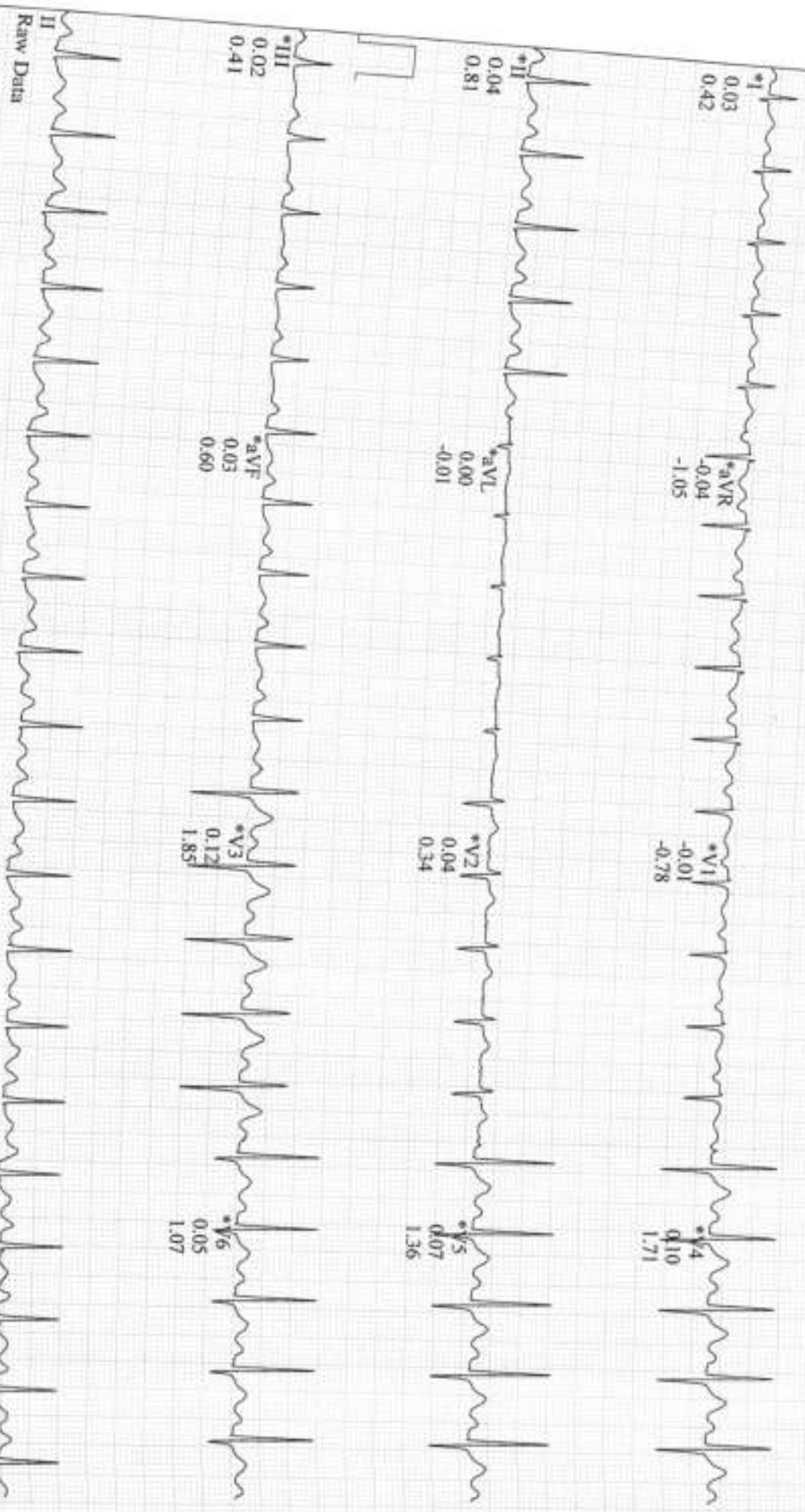
121 bpm
 120/70 mmHg

Exercise Test / Linked Medians
 EXERCISE
 STAGE 1
 02:50

BRUCE
 2.7 km/h
 10.0 %

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

APOLLO CLINI



Raw Data

GE CardioSoft V7.0 (10)
 25 mm/s 10 mm/mV 50 Hz 0.05Hz FRF+ HR(V5,V3)

*Computer Synthesized Rhythms

Start of Test: 12:14:12

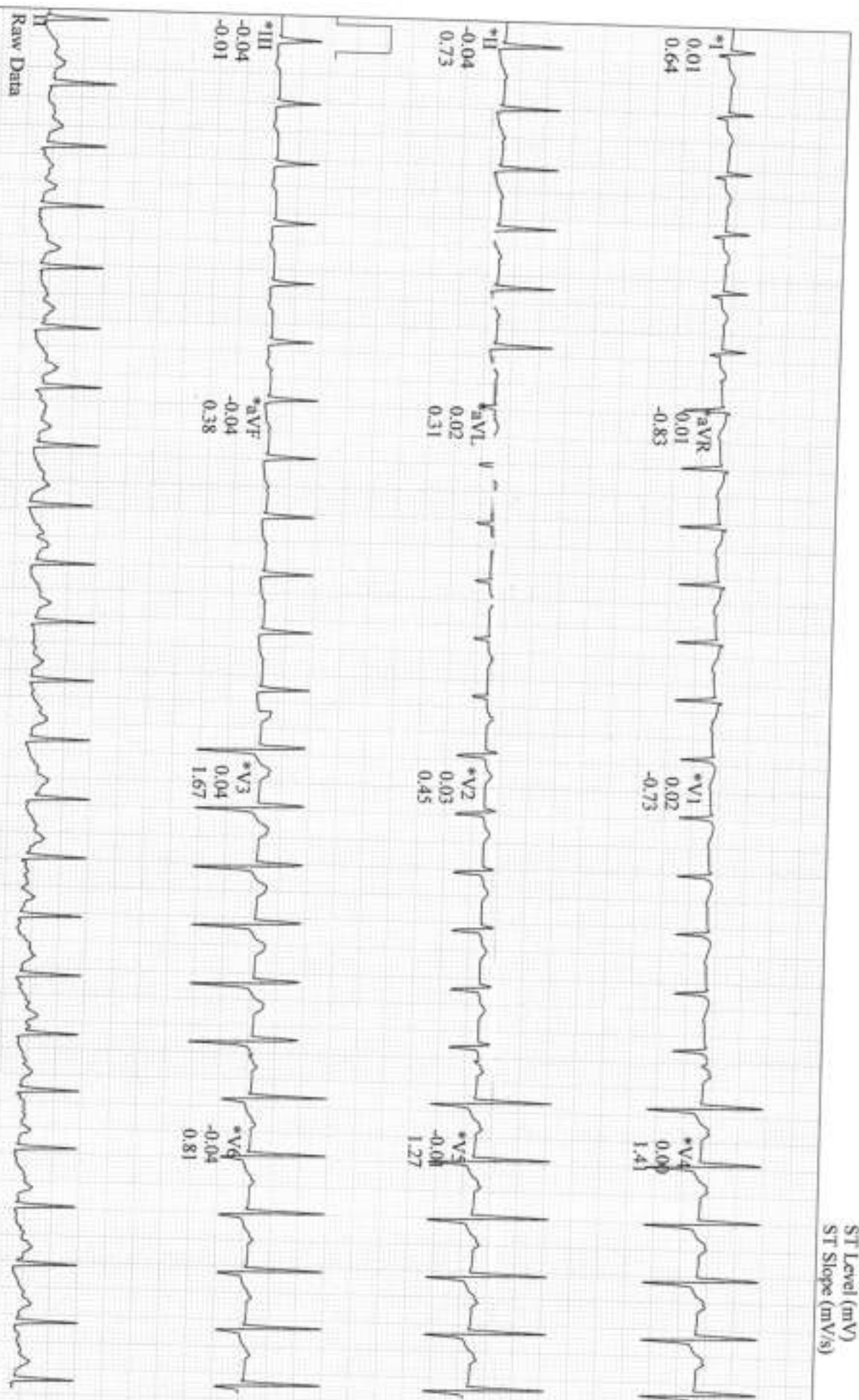
PRASAD, SUNIL
Patient ID: 237586
12.03.2024 Male 172 cm 73 kg
12:20:54 43 yrs

Exercise Test / Linked Medians
EXERCISE
STAGE 2
141 bpm
130/80 mmHg
05:50

BRUCE
4.0 km/h
12.0 %

APOLLO CLINIC

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



*Computer Synthesized Rhythms

GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05Hz FRF+ HR(V5,V3)

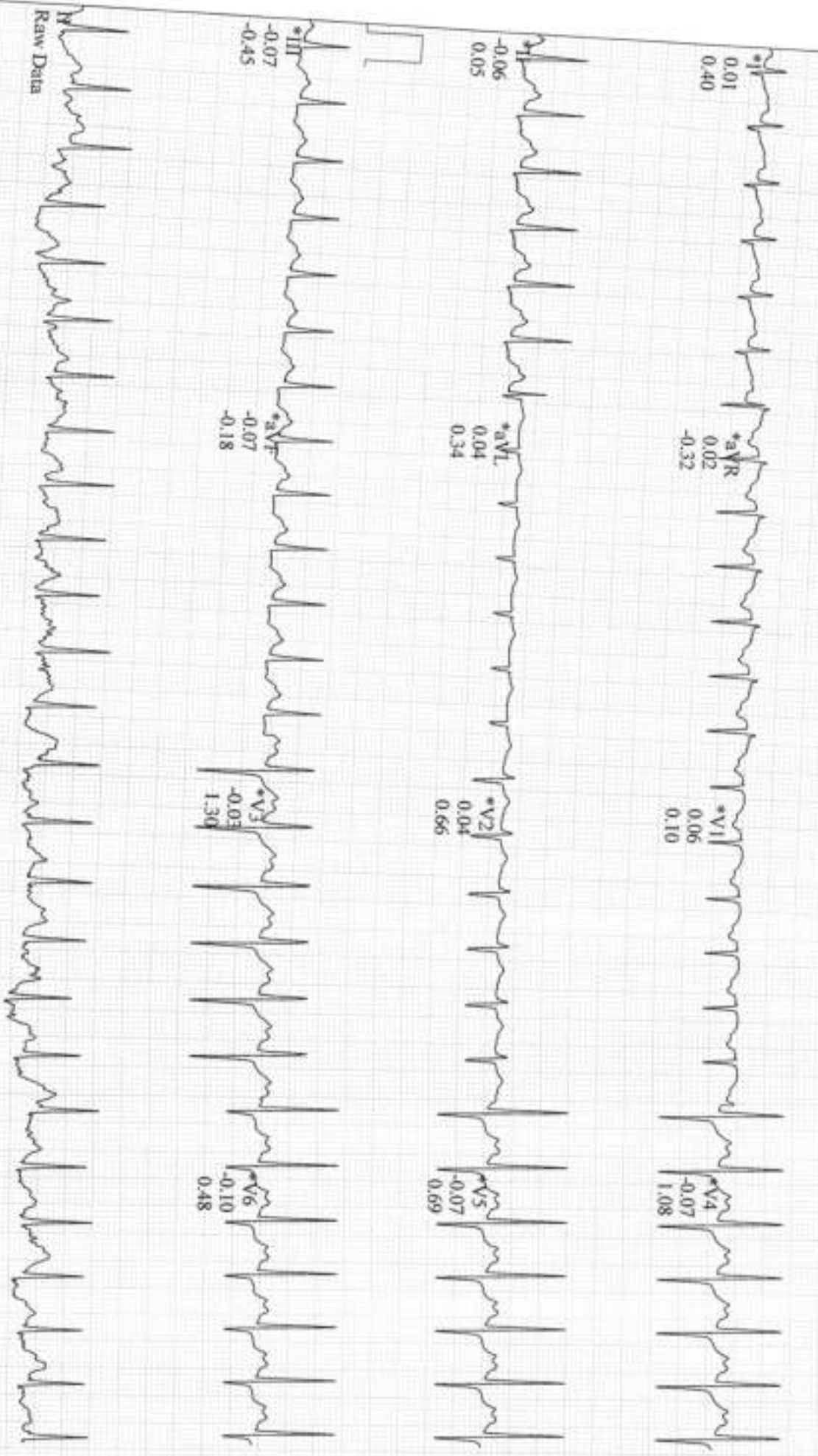
Start of Test: 12:14:12

PRASAD, SUNIL
Patient ID: 237586
12.03.2024 Male 172 cm 73 kg
12:22:21 43 yrs

Exercise Test / Linked Medians (PEAK EXERCISE)
153 bpm
130/80 mmHg
EXERCISE STAGE 3 07:17
BRUCE 5.4 km/h
14.0 %

APOLLO CLINIC

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



GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05Hz FRF+ HR(V5,V3)

*Computer Synthesized Rhythms

Start of Test: 12:14:12

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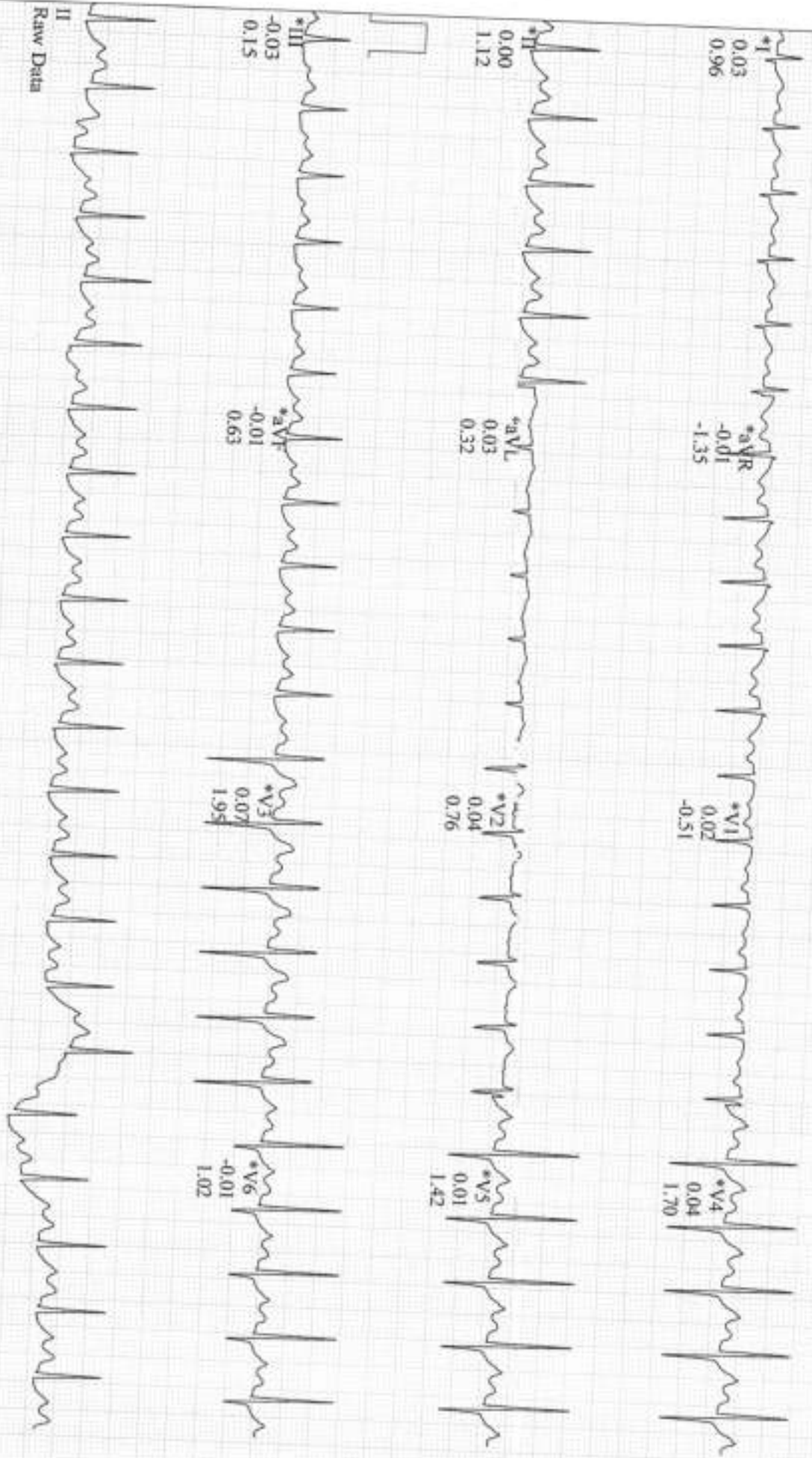
PRASAD, SUNIL
Patient ID: 237586
12.03.2024 Male 172 cm 73 kg
12:23:10 43 yrs

Exercise Test / Linked Medians
RECOVERY #1
133 bpm
130/80 mmHg
00:50

BRUCE
0.0 km/h
0.0 %

APOLLO CLINIC

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



GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05Hz FRF+ HR(V5,V3)

*Computer Synthesized Rhythms

Start of Test: 12:14:12

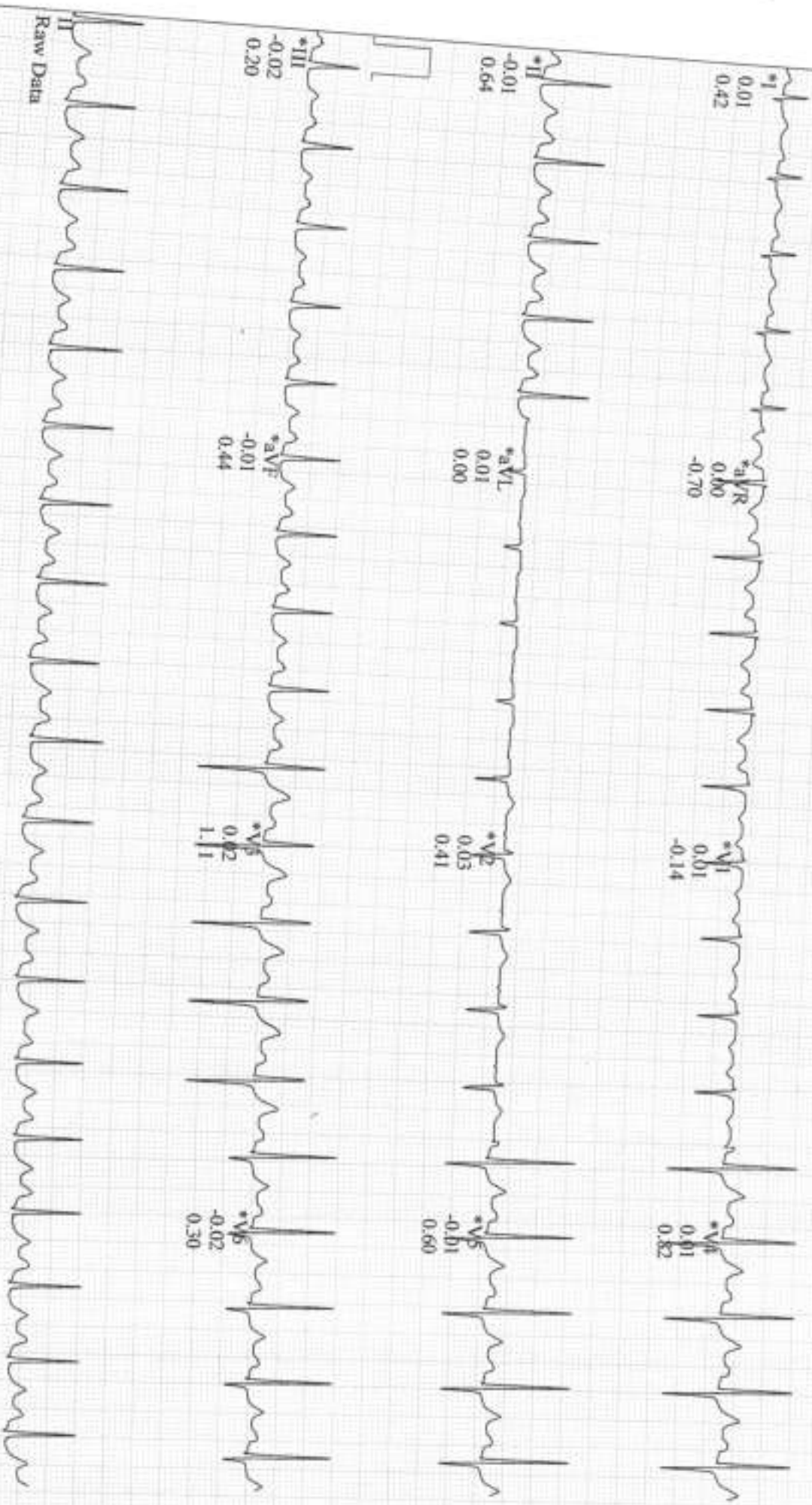
PRASAD, SUNIL
 Patient ID: 237586
 12.03.2024
 12:24:10
 Male 172 cm 73 kg
 43 yrs

Exercise Test / Linked Medians
 RECOVERY
 #1
 01:50
 113 bpm
 130/80 mmHg

BRUCE
 0.0 km/h
 0.0 %

APOLLO CLINIC

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



GE CardioSoft V7.0 (10)
 25 mm/s 10 mm/mV 50 Hz 0.05Hz FRF+ HR(V5,V3)

*Computer Synthesized Rhythms

Start of Test: 12-14-12