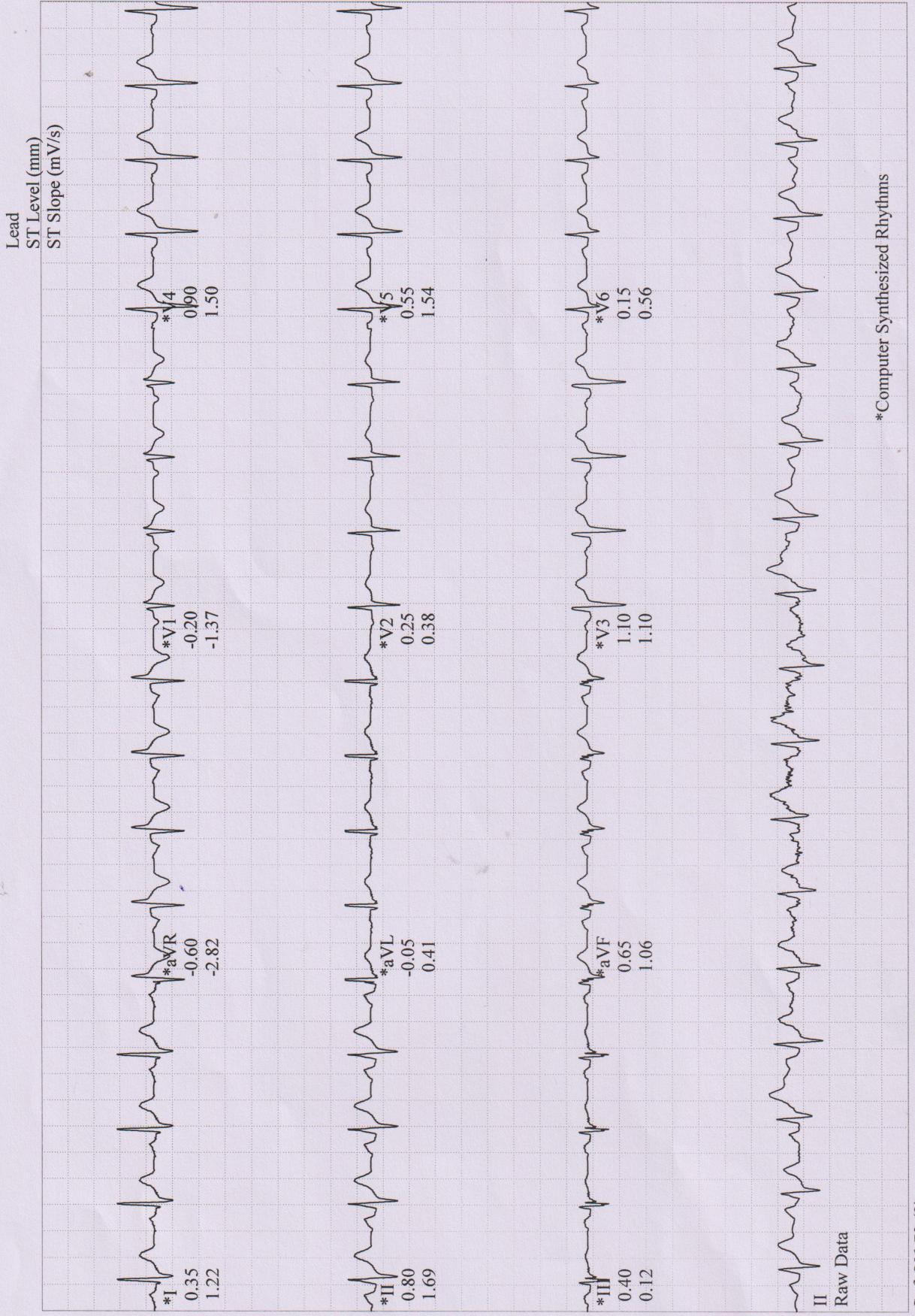


MR. MUTHUKUMARAN,
Patient ID 2112045/AH64720
17.12.2021
1:56:00pm

Linked Medians

RECOVERY
#1
02:50
105 bpm

Anu Hospital



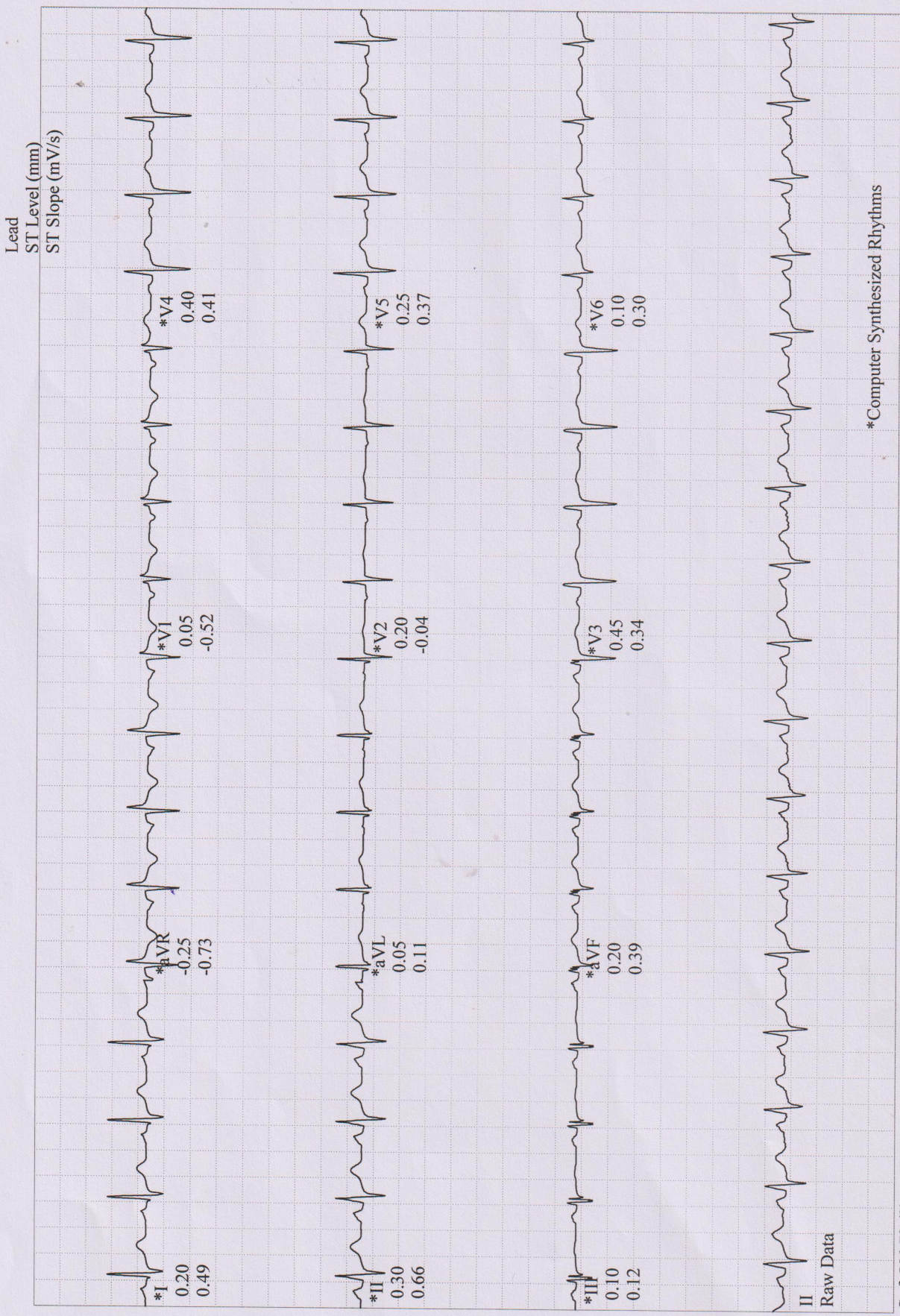
MR. MUTHUKUMARAN,
 Patient ID 2112045/AH64720
 17.12.2021
 1:59:00pm

Linked Medians
 RECOVERY
 #1
 05:50

100 bpm

BRUCE
 0.0 mph
 0.0 %

Anu Hospital



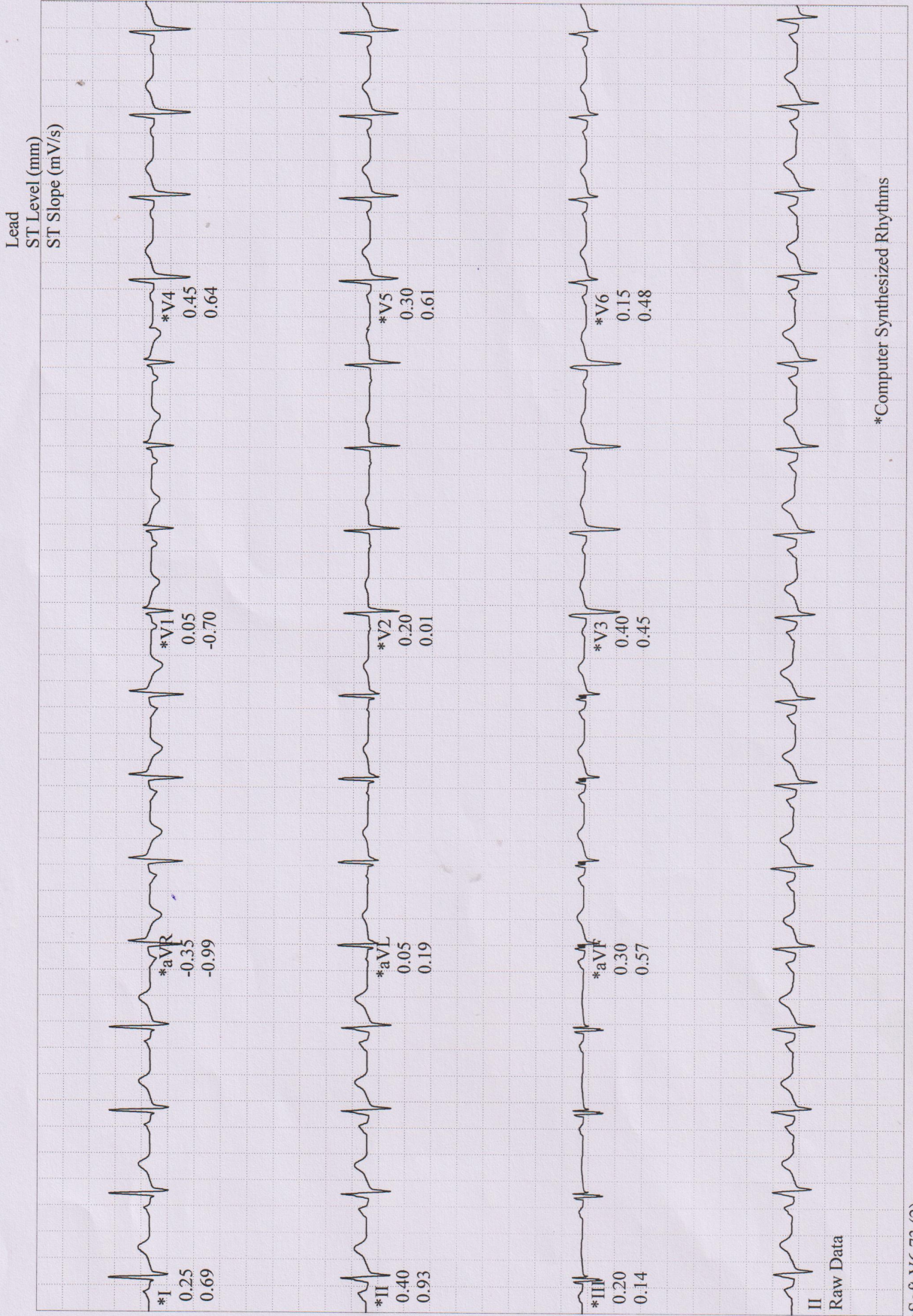
MR. MUTHUKUMARAN,
Patient ID 2112045/AH64720
17.12.2021
2:01:21pm

Linked Medians
RECOVERY
#1
08:10

94 bpm

BRUCE
0.0 mph
0.0 %

Anu Hospital

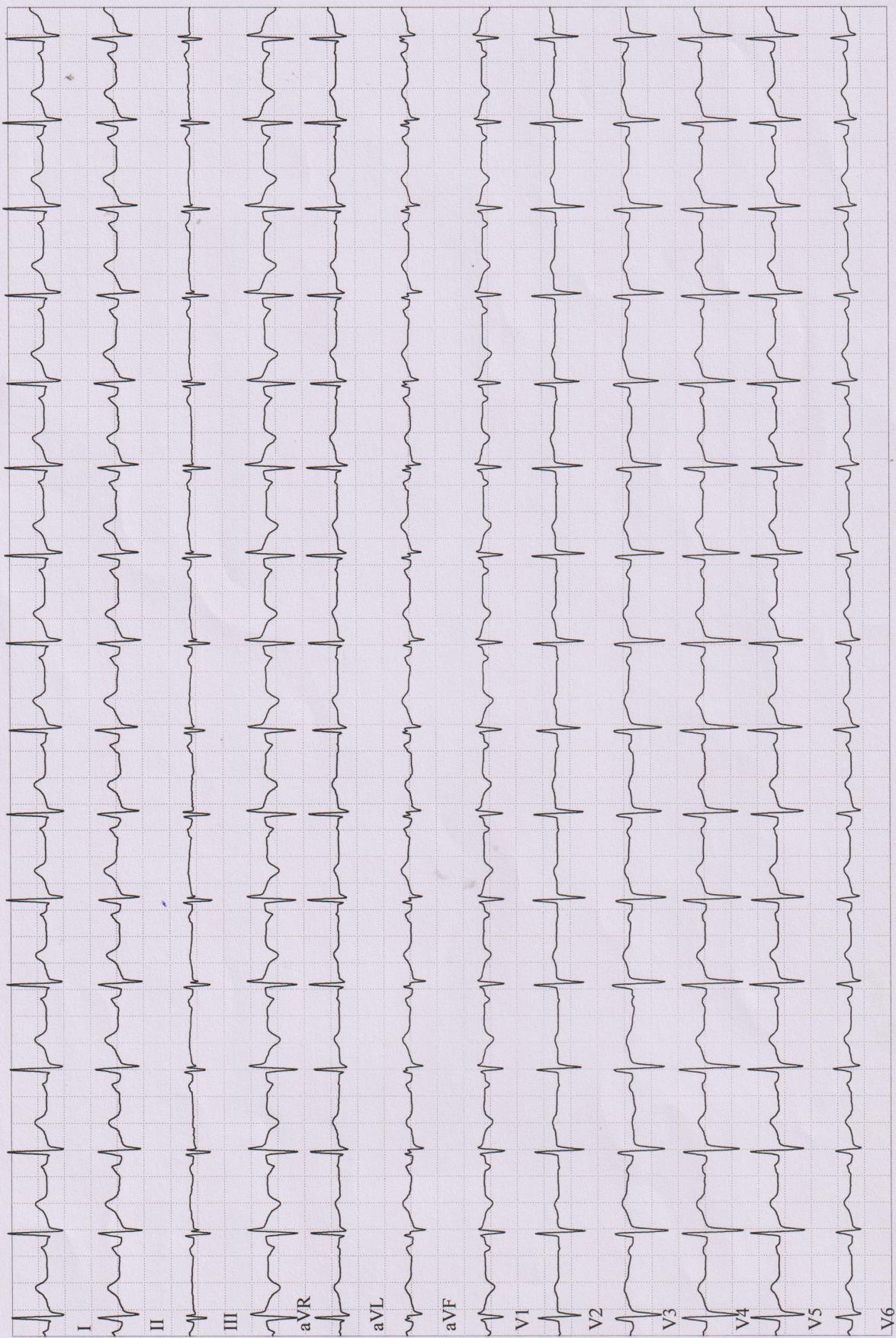


MR. MUTHUKUMARAN,
Patient ID 2112045/AH64720
17.12.2021
2:01:22pm

94 bpm

RECOVERY
#1
08:12

0.0 mph
0.0 %





Name	Mr.Muthukumaran	ID	418/12/21
Age&Sex	35Year : Male	Date	17-12-2021
Ref Dr	BANK OF BARODA	Study Name	General Abdomen

General Abdomen

Liver: 12.4 cm

Liver filled with homogeneous hyperechoic parenchymal echoes.
No abscess or mass lesion in the liver.

Gallbladder: 5.3 cm

Gallbladder walls appeared normal. No calculi seen in the gallbladder.
Common duct appeared normal. No calculi seen in the common duct.

Spleen: 7.5 cm

Spleen appeared normal.

Pancreas:

Pancreas appeared normal.

Aorta:

Aorta appeared normal.
No para aortic lymphadenopathy.
No free fluid in the peritoneal cavity.

KUB:

Cortex and collecting system of both kidneys appeared normal.
No calculi seen.
Adrenal glands appeared normal.

Right Kidney measured 9.1 X 4.2 cm.

Left Kidney measured 8.9 X 4.7 cm.

Ureters appear normal on both sides. No dilatation seen.

Bladder appeared normal.

Prevoid bladder measured 190 ml.

Postvoid showed satisfactory emptying of bladder vol **NIL**.

Prostate appeared normal and measures 3.2 x 3.2 X 3.2 cm.Vol 17 cc
No intravesical enlargement of prostate seen.





Bharath
Scans & Labs



IMPRESSION:

FATTY LIVER.

NORMAL APPEARING GALLBLADDER, COMMON DUCT, PANCREAS, SPLEEN, AORTA,

BOTH KIDNEYS SHOW NORMAL COLLECTING SYSTEM NO CALCULUS

URINARY BLADDER WELL FILLED WITH SMOOTH MUCOSA NO CALCULUS.

RESIDUAL URINE NIL

PROSTATE NORMAL.

Sonologist


Dr. Christina J.V. MBBS, D.O.
Reg. No. 22358
Dr. Christina Joseph, M B B S., DO., PG Dip in USG.,



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+91 99527 31106



Bharath Scans & Labs

32nd
YEAR OF SERVICE

Name : Mr. MUTHUKUMARAN
Age : 35 Years
Sex : Male
Doctor : BANK OF BARODA
Ref By : THYROLABORATORIES.



SID No : KIL 083527

Registered Date : 18/12/2021 / 11:32

Collected Date : 18/12/2021 / 11:37

Reported Date : 18/12/2021 / 12:07

Sample Collected and sent

FINAL TEST REPORT

TEST DESCRIPTION	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
TOTAL THYROID PROFILE (Serum/CLIA)			
TOTAL T3	147.62	ng/dl	86.00 - 192.00
TOTAL T4	9.30	µg/dl	3.20 - 12.60
TSH 3 RD GEN	2.05	µIU/mL	0.35 - 5.50

Notes : During PREGNANCY TSH Values :

First Trimester: 0.1 - 2.5
Second Trimester: 0.2 - 3.0
Third Trimester: 0.3 - 3.0

INTERPRETATION

TSH	T3 / FT3	T4 / FT4	Suggested Interpretation for the Thyroid Function Tests Pattern
Within Range	Decreased	Within Range	• Isolated Low T3 - often seen in elderly & associated Non-Thyroidal illness. In elderly the drop in T3 level can be upto 25%.
Raised	Within Range	Within Range	• Isolated High TSH especially in the range of 5.6 to 15 mIU/ml is commonly associated with Physiological & Biological TSH Variability.
Raised	Decreased	Decreased	• Subclinical Autoimmune Hypothyroidism • Intermittent T4 therapy for hypothyroidism • Recovery phase after Non-Thyroidal illness"
Raised or within Range	Raised	Raised or within Range	• Chronic Autoimmune Thyroiditis • Post thyroidectomy, Post radioiodine • Hypothyroid phase of transient thyroiditis" • Interfering antibodies to thyroid hormones (anti-TPO antibodies) • Intermittent T4 therapy or T4 overdose
Decreased	Raised or within Range	Raised or within Range	• Drug interference - Amiodarone, Heparin, Beta blockers, steroids, anti-epileptics"
Decreased	Decreased	Decreased	• Isolated Low TSH - especially in the range of 0.1 to 0.29 often seen in elderly & associated with Non-Thyroidal illness • Subclinical Hyperthyroidism • Thyroxine ingestion"
Decreased	Raised	Raised	• Central Hypothyroidism • Non-Thyroidal illness • Recent treatment for Hyperthyroidism (TSH remains suppressed)"
Decreased or within Range	Raised	Within Range	• Primary Hyperthyroidism (Graves' disease), Multinodular goitre, Toxic nodule • Transient thyroiditis: Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain's), Gestational thyrotoxicosis with hyperemesis gravidarum"
			• T3 toxicosis • Non-Thyroidal illness

- References:
1. Interpretation of thyroid function tests. Dayan et al. THE LANCET • Vol 357 • February 24, 2001
2. Laboratory Evaluation of Thyroid Function, Indian Thyroid Guidelines, JAPI, January 2011, vol. 59

End of the Report

D. Hemalatha

DR. HEMALATHA M.D.
CONSULTANT BIOCHEMIST

34, Rajappa Nagar, 4th Street,
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 www.bharathscans.com



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Scans & Labs

32nd
YEAR OF SERVICE

Name : Mr. MUTHUKUMARAN
Age : 35 Years
Sex : Male
Doctor : BANK OF BARODA
Ref. By : THYROLABORATORIES.



SID No : KIL 083527

Registered Date : 18/12/2021 / 11:32

Collected Date : 18/12/2021

Reported Date : 18/12/2021 / 12:13

Sample Collected and sent

FINAL TEST REPORT

TEST DESCRIPTION	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
PSA* (Serum/CLIA)	0.91	ng/ml	Less than 4 : Negative Increased in: Prostatitis, Prostate surgery

End of the Report

D. Hemalatha

DR. HEMALATHA M.D.
CONSULTANT BIOCHEMIST



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Scans & Labs

Date: 17.12.2021

32nd
YEAR OF SERVICE

Name of patient Mr.Muthukumaran

Age: 35 Yrs

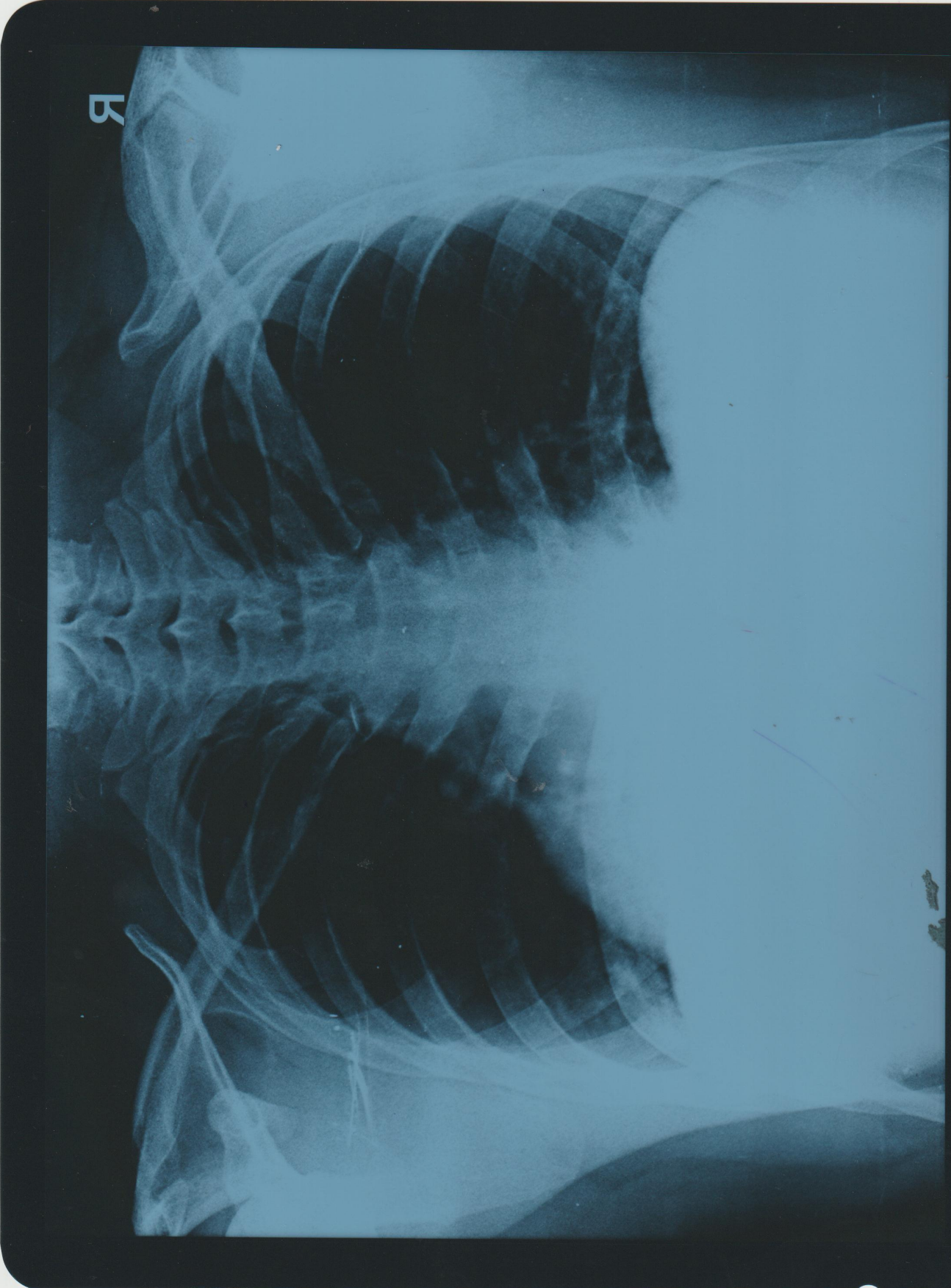
Sex : M

X RAY – CHEST – PA VIEW

-
- Both the lung fields & CP angles are clear.
- Hila are normal.
-
- Heart size & bony cage appear normal

IMPRESSION

- Normal X – ray chest.



R

JOTHIRAM DIAGNOSTIC CENTRE
MR. MUTHUKUMARAN 32YRS 5303 M 11/12/2021 15:11 PM

Tabular Summary

MR.MUTHUKUMARAN,
 Patient ID 2112045/AHG64720
 17.12.2021 Male 172 cm 88 kg
 1:36:55pm 35yrs
 Meds:

BRUCE: Total Exercise Time 15:38
 Max HR: 176 bpm 95% of max predicted 185 bpm HR at rest: 87
 Max BP: 150/80 mmHg BP at rest: 140/80 Max RPP: 23550 mmHg*bpm
 Maximum Workload: 19.10 METS
 Max ST: -1.55 mm, 0.00 mV/s in III; EXERCISE STAGE 5 14:29
 Arrhythmia: A:138, VBI:1, PVC:24, RUN:1, CPLT:3
 ST/HR index: 1.37 μ V/bpm

Reasons for Termination: Fatigue
Summary: Resting ECG: normal. Functional Capacity: normal. HR Response to Exercise: appropriate. BP Response to Exercise: normal resting BP - appropriate response. Chest Pain: none. Arrhythmias: none. ST Changes: none. Overall impression: Normal stress test.
Conclusion: STRESS TEST AT HEAVY WORKLOAD IS NEGATIVE FOR INDUCIBLE ISCHEMIA.

Test Reason: ANGINA EVALUATION
 Medical History: NIL

Ref. MD: BANK OF BARODA Ordering MD:
 Technician: Test Type: INSURANCE
 Comment:

Phase Name	Stage Name	Time in Stage	Speed (mph)	Grade (%)	Workload (METS)	HR (bpm)	BP (mmHg)	RPP (mmHg*bpm)	VE (/min)	ST Level (III mm)	Comment
PRETEST	SUPINE	00:11	0.00	0.00	1.0	83	140/80	11620	0	0.05	
	STANDING	00:11	0.00	0.00	1.0	82			0	0.05	
	HYPERV.	00:11	0.00	0.00	1.0	82			0	0.00	
EXERCISE	WARM-UP	00:03	0.00	0.00	1.0	82			0	0.05	
	STAGE 1	03:00	1.70	10.00	4.6	106	140/80	14840	0	0.00	
	STAGE 2	03:00	2.50	12.00	7.0	117	140/80	16380	0	0.00	
	STAGE 3	03:00	3.40	14.00	10.1	141	150/80	21150	2	0.00	
	STAGE 4	03:00	4.20	16.00	13.4	157	150/80	23550	1	-0.20	
	STAGE 5	03:00	5.00	18.00	17.2	166			3	-1.60	
RECOVERY	STAGE 6	00:38	5.50	20.00	19.1	142			1	-1.25	
		08:14	0.00	0.00	1.0	93			0	0.15	

Dr.M.MOHAMMED JALALUDEEN,
 M.D., PGDCC., FCD.,
 Consultant Clinical Cardiologist
 Reg. PGCC 1349

MR. MUTHUKUMARAN,
 Patient ID 2112045/AH64720
 17.12.2021
 1:36:55pm

Graded Exercise Summary Report

Anu Hospital

EXERCISE		BASELINE		MAX. ST	
STAGE 1	STAGE 5	STAGE 5	STAGE 5	STAGE 5	STAGE 5
1.0 METS	17.2 METS	17.2 METS	17.2 METS	17.2 METS	17.2 METS
82 bpm	166 bpm	166 bpm	166 bpm	166 bpm	166 bpm
140/80 mmHg	140/80 mmHg	140/80 mmHg	140/80 mmHg	140/80 mmHg	140/80 mmHg
ST @ 10mm/mV	ST @ 10mm/mV	ST @ 10mm/mV	ST @ 10mm/mV	ST @ 10mm/mV	ST @ 10mm/mV
60ms post J	60ms post J	60ms post J	60ms post J	60ms post J	60ms post J
EXERCISE 0:00	EXERCISE 14:29	EXERCISE 14:29	EXERCISE 14:29	EXERCISE 14:29	EXERCISE 14:29
0.35 mm	2.00	2.00	2.00	2.00	2.00
0.64 mV/s	4.04	4.04	4.04	4.04	4.04
I	I	I	I	I	I
aVR	aVR	aVR	aVR	aVR	aVR
-0.40	-1.30	-1.30	-1.30	-1.30	-1.30
-0.87	-3.81	-3.81	-3.81	-3.81	-3.81
V4	V4	V4	V4	V4	V4
0.45	0.45	0.45	0.45	0.45	0.45
0.56	0.56	0.56	0.56	0.56	0.56
V5	V5	V5	V5	V5	V5
0.35	0.35	0.35	0.35	0.35	0.35
0.40	0.40	0.40	0.40	0.40	0.40
V6	V6	V6	V6	V6	V6
0.25	0.25	0.25	0.25	0.25	0.25
0.29	0.29	0.29	0.29	0.29	0.29
aVL	aVL	aVL	aVL	aVL	aVL
0.15	1.75	1.75	1.75	1.75	1.75
0.23	2.52	2.52	2.52	2.52	2.52
V2	V2	V2	V2	V2	V2
0.20	0.10	0.10	0.10	0.10	0.10
0.11	0.02	0.02	0.02	0.02	0.02
aVF	aVF	aVF	aVF	aVF	aVF
0.25	-0.65	-0.65	-0.65	-0.65	-0.65
0.13	0.90	0.90	0.90	0.90	0.90
V3	V3	V3	V3	V3	V3
0.40	0.40	0.40	0.40	0.40	0.40
0.40	1.20	1.20	1.20	1.20	1.20
III	III	III	III	III	III
0.05	-1.55	-1.55	-1.55	-1.55	-1.55
-0.34	-1.06	-1.06	-1.06	-1.06	-1.06
V5	V5	V5	V5	V5	V5
-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
2.01	2.01	2.01	2.01	2.01	2.01
V6	V6	V6	V6	V6	V6
0.55	0.55	0.55	0.55	0.55	0.55
2.13	2.13	2.13	2.13	2.13	2.13

GE CardioSoft V6.73 (2)

2.5mm/s, 10mm/mV, 60Hz, 0.01-40Hz, S±, HEART, V5.4

Unconfirmed

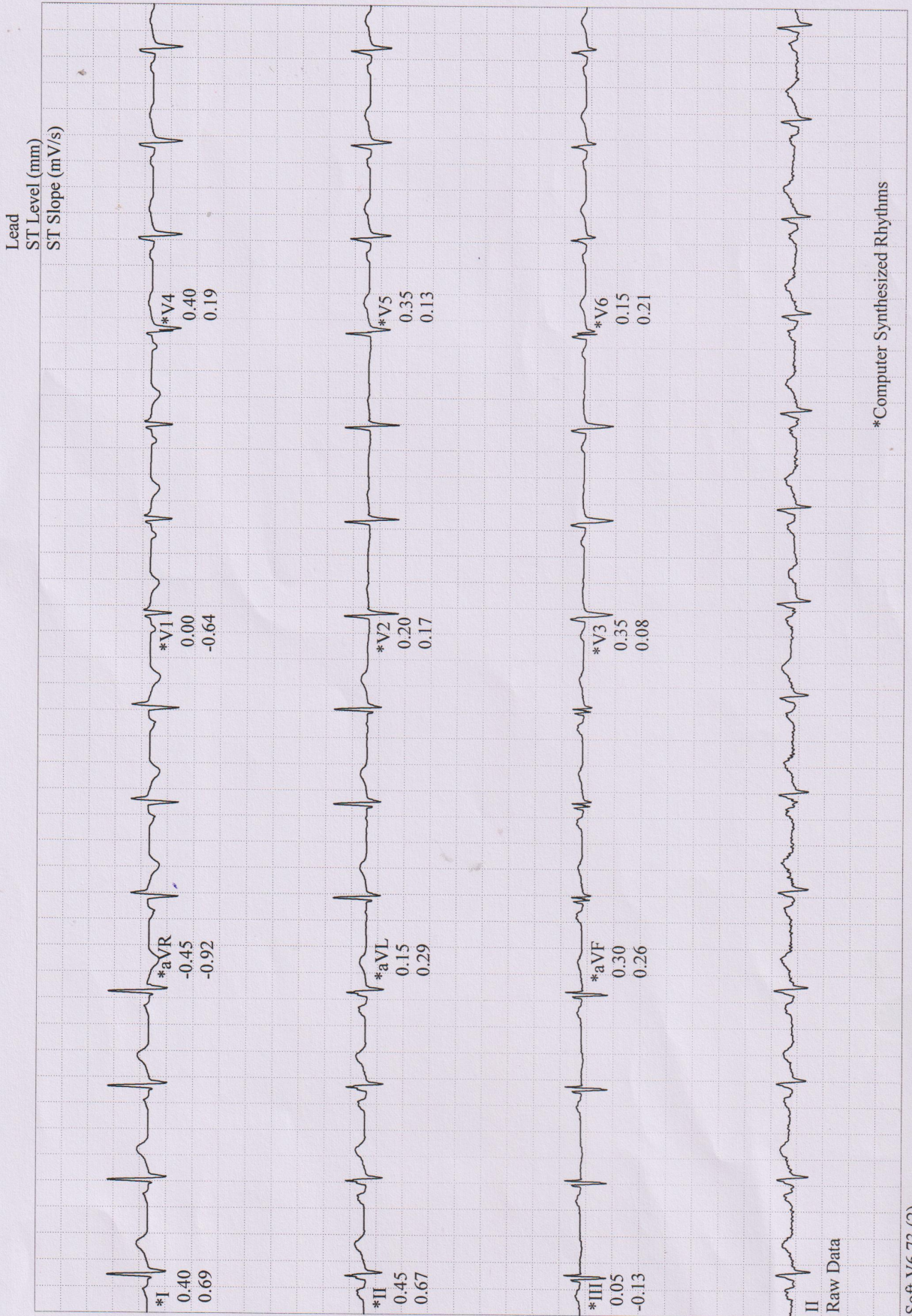
Attending MD: DR. M. JAI ALIUDEN, MD PGDCC

MR. MUTHUKUMARAN,
Patient ID 2112045/AH64720
17.12.2021
1:37:06pm

Linked Medians

PRETEST
SUPINE
00:10
83 bpm
140/80 mmHg

Anu Hospital



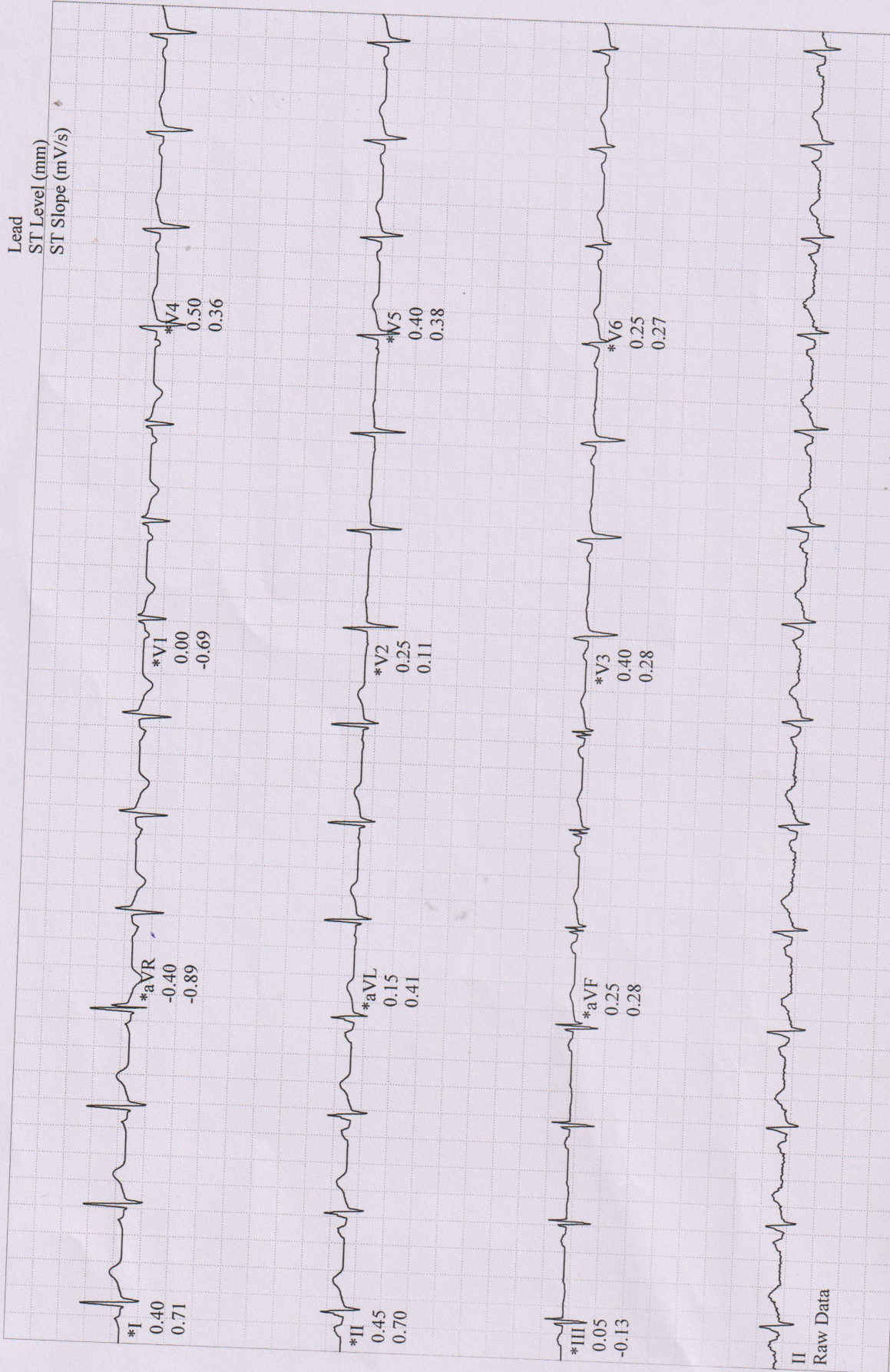
MR. MUTHUKUMARAN,
 Patient ID 2112045/AH64720
 17.12.2021
 1:37:17pm

Linked Medians
 PRETEST
 STANDING
 00:21

82 bpm
 140/80 mmHg

BRUCE
 0.0 mph
 0.0 %

Anu Hospital



GE CardioSoft V6.73 (2)
 25 mm/s, 10 mm/mV, 60Hz, 0.01, 40Hz, S+, HR(I, V2)

*Computer Synthesized Rhythms

Start of Test: 1:36:55pm

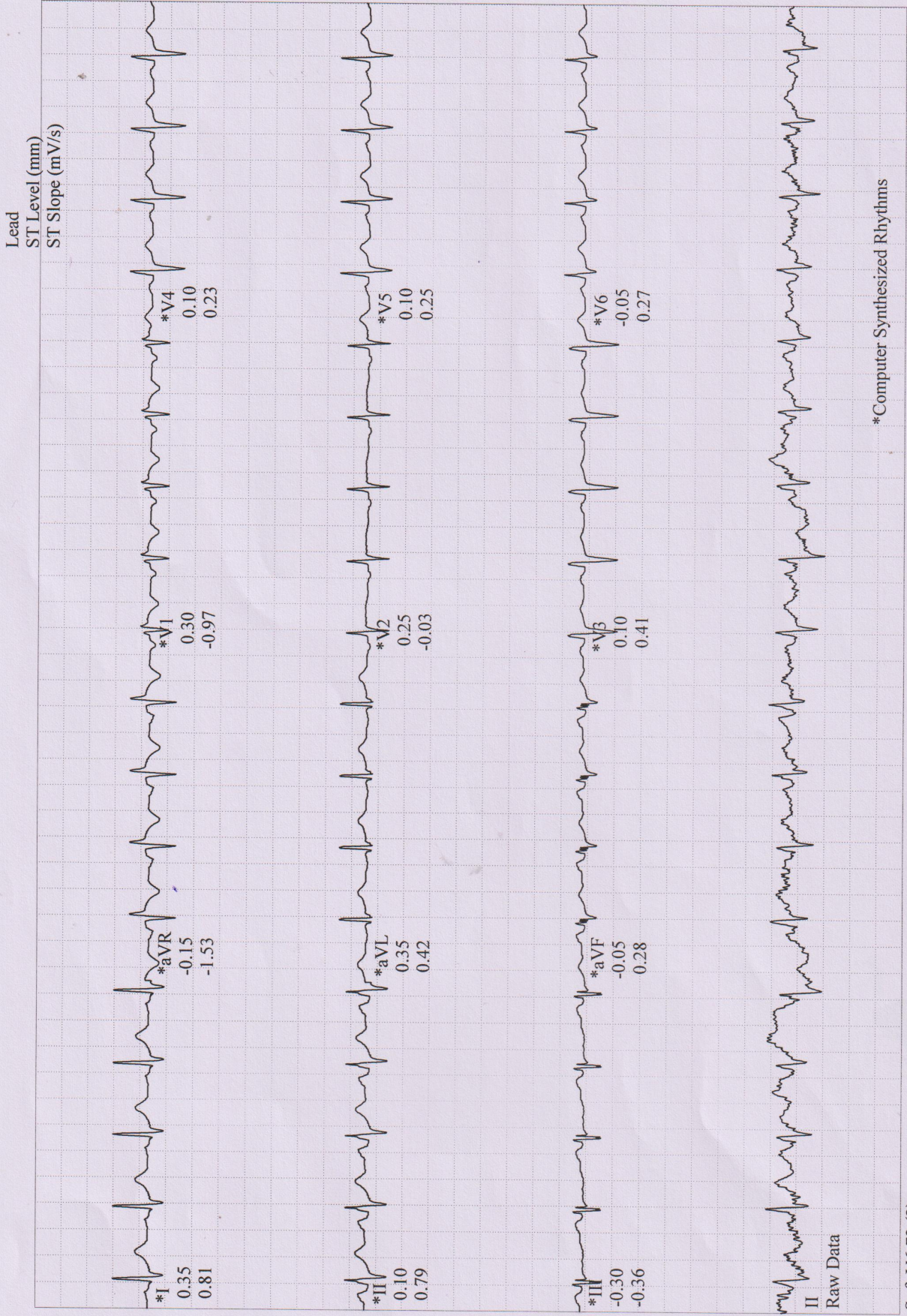
MR. MUTHUKUMARAN,
 Patient ID 2112045/AH64720
 17.12.2021
 1:40:22pm

Linked Medians

EXERCISE
 STAGE 1
 02:50

109 bpm
 140/80 mmHg

Anu Hospital



Raw Data

*Computer Synthesized Rhythms

MR. MUTHUKUMARAN,
Patient ID 2112045/AH64720
17.12.2021
1:43:22pm

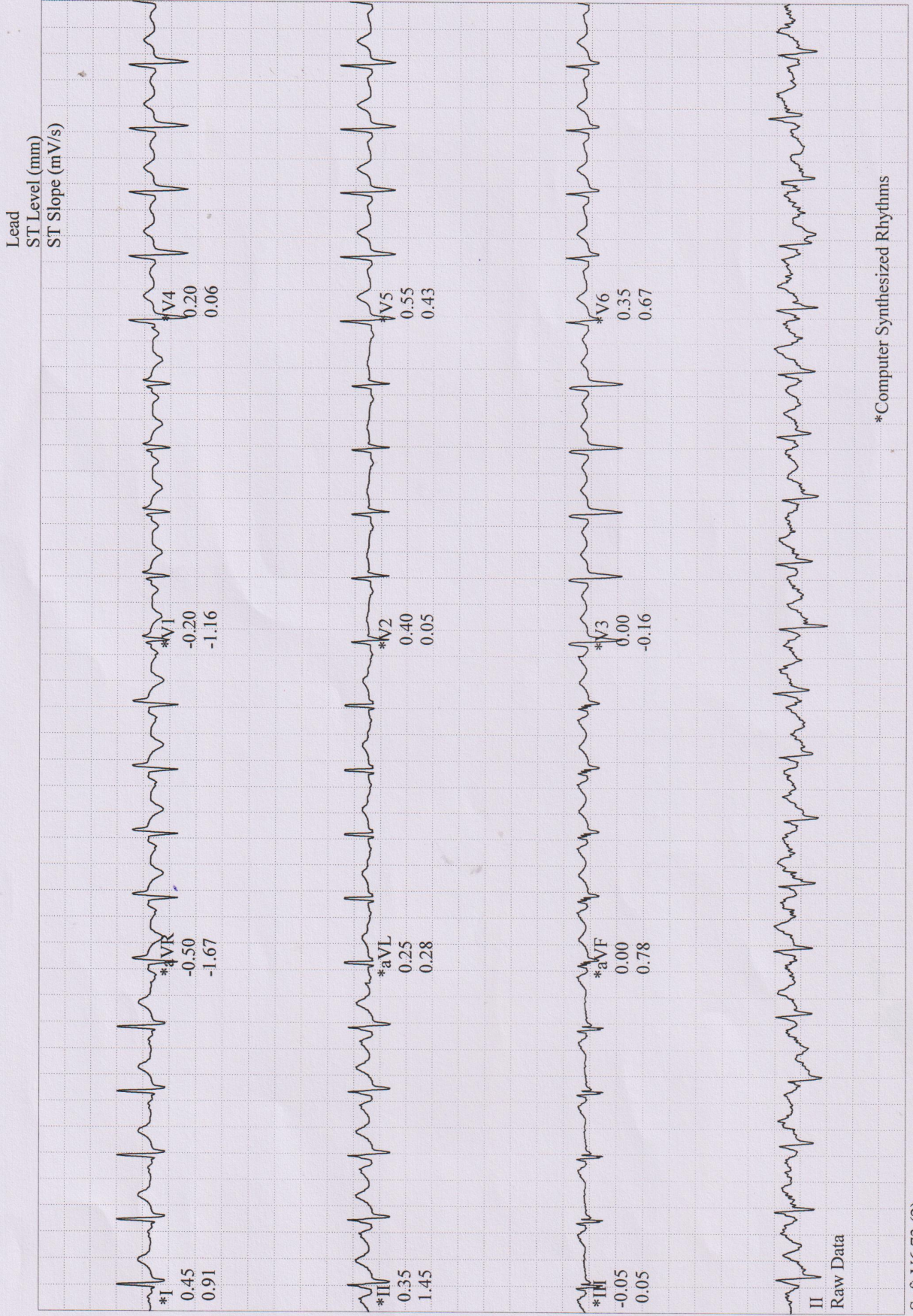
Linked Medians

EXERCISE
STAGE 2
05:50

123 bpm

BRUCE
2.5 mph
12.0 %

Anu Hospital



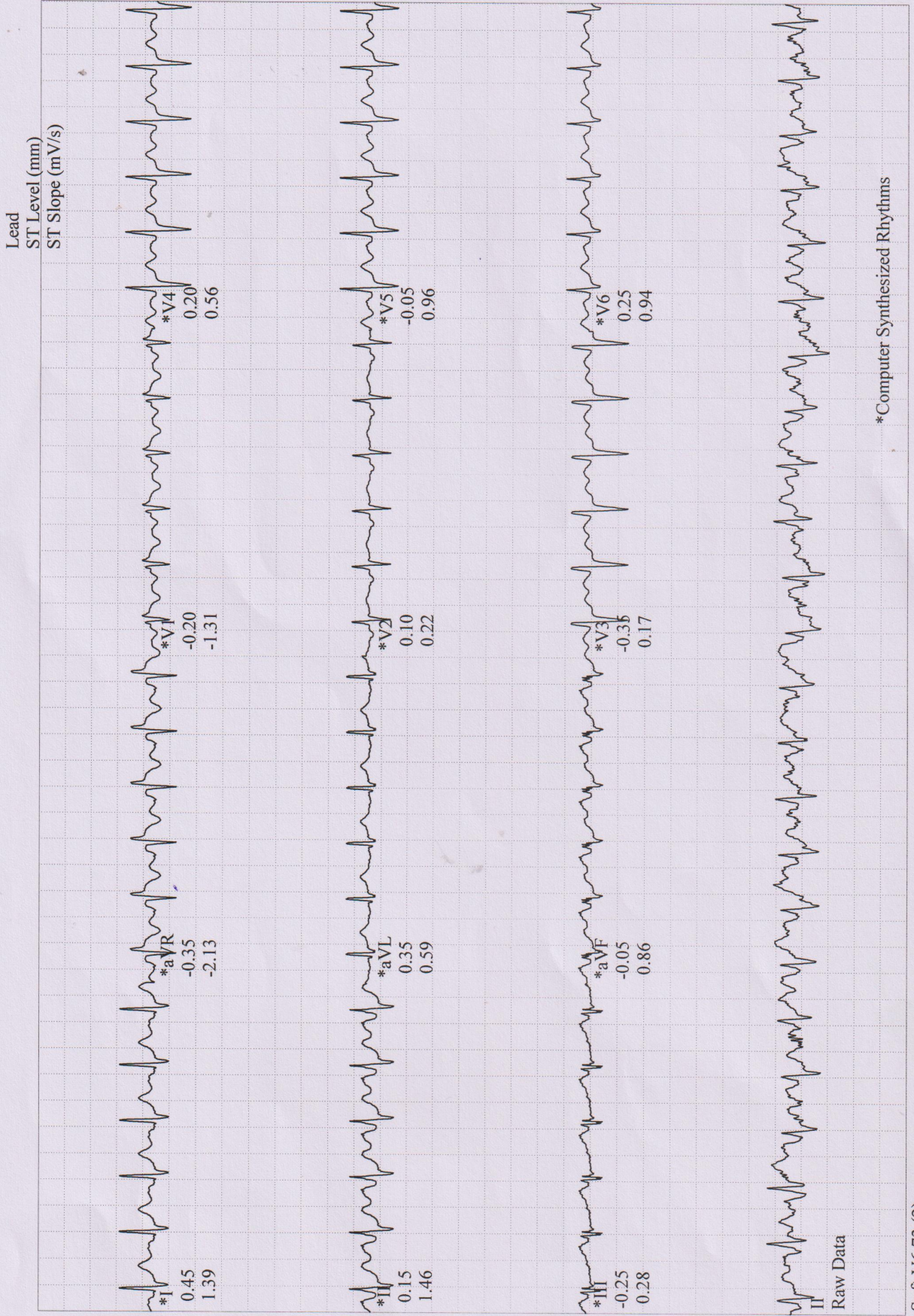
MR. MUTHUKUMARAN,
Patient ID 2112045/AH64720
17.12.2021
1:46:22pm

Linked Medians
EXERCISE
STAGE 3
08:50

141 bpm
150/80 mmHg

BRUCE
3.4 mph
14.0 %

Anu Hospital



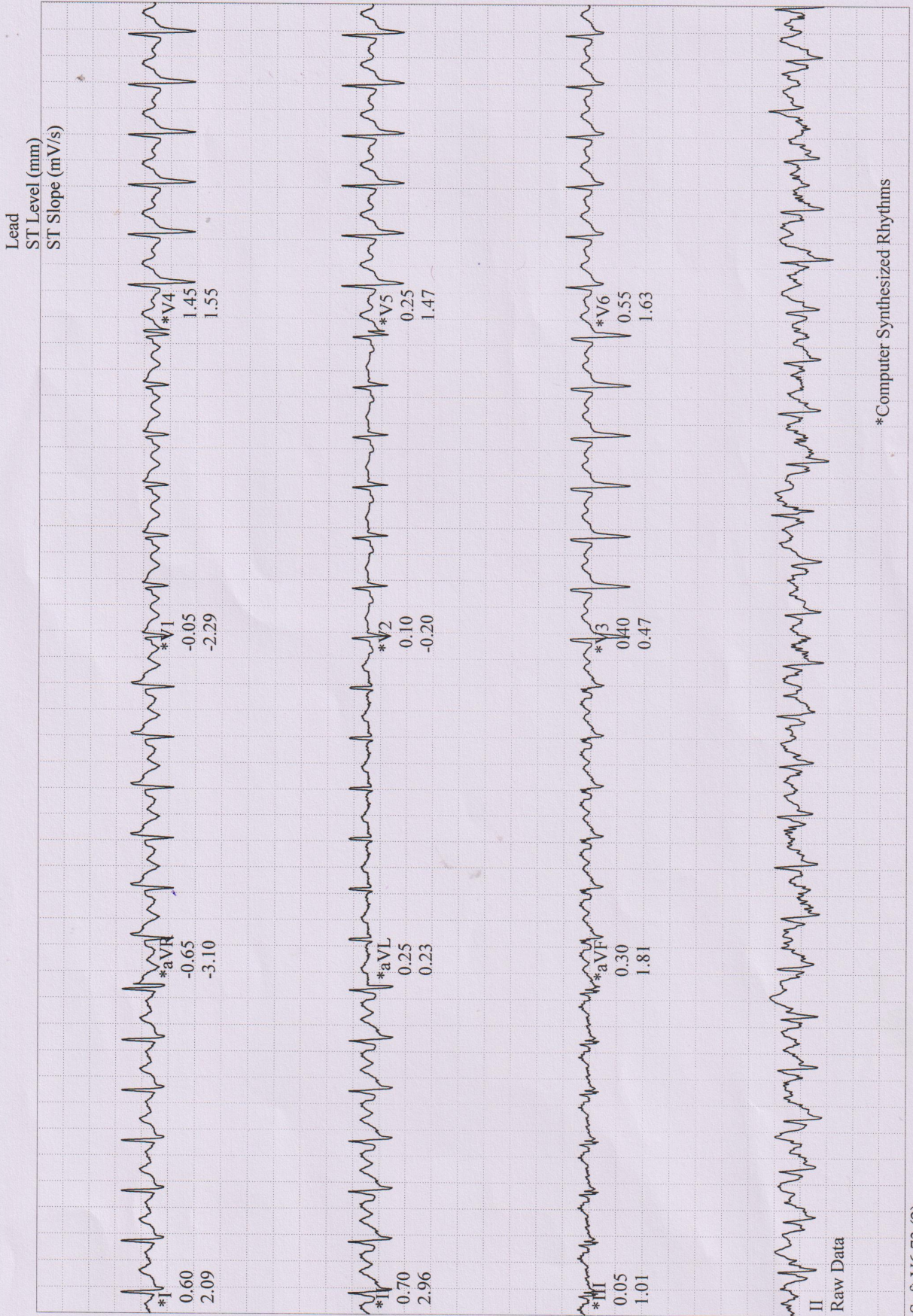
MR. MUTHUKUMARAN,
 Patient ID 2112045/AH64720
 17.12.2021
 1:49:22pm

Linked Medians
 EXERCISE
 STAGE 4
 11:50

155 bpm
 150/80 mmHg

BRUCE
 4.2 mph
 16.0 %

Anu Hospital

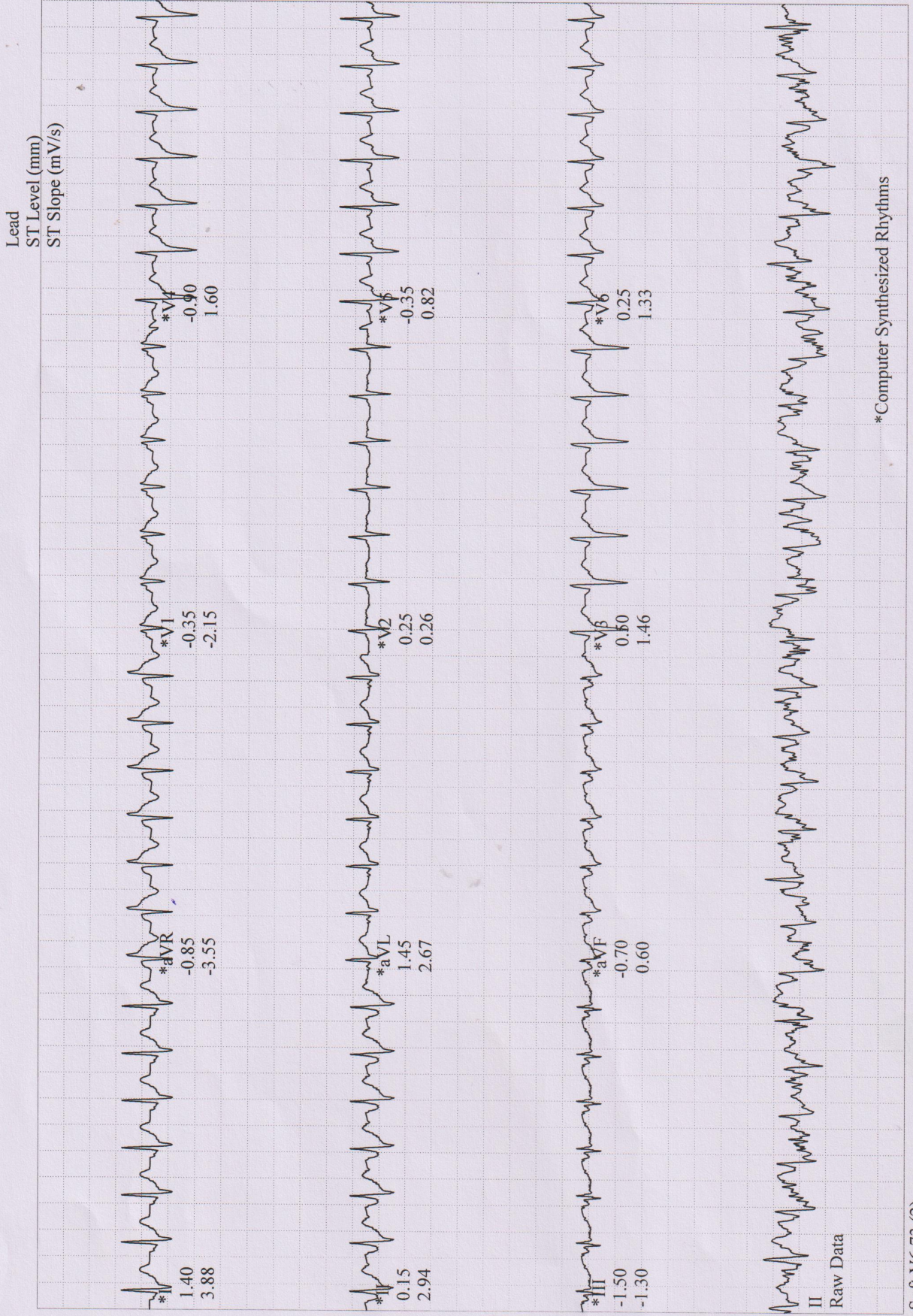


BRUCE
5.0 mph
18.0 %

EXERCISE
STAGE 5
14:50

166 bpm

MR. MUTHUKUMARAN,
Patient ID 2112045/AH64720
17.12.2021
1:52:22pm



MR. MUTHUKUMARAN,
Patient ID 2112045/AH64720
-17.12.2021
1:53:10pm

142 bpm

EXERCISE
STAGE 6
15:38
BRUCE
5.5 mph
20.0 %

Anu Hospital

