

FITNESS CERTIFICATE



NAME: Akula. Uma	AGE: 24y Female
HT: 148 CMS:	WT: 40. KGS: SEX: female


PARAMETERS	MEASUREMENTS
PULSE/BP(supine)	72 /mt / /mmHg 110/70.
INSPIRATION	30
EXPIRATION	32
CHEST CIRCUMFERENCE	31
PREVIOUS ILLNESS	
VISION	S/b. normal
FAMILY HISTORY	FATHER: MOTHER:

REPORTS:

FIT

DATE: 27/06/23

PLACE: Visakhapatnam.


CONSULTANT PHYSICIAN
Dr. Lanka Prasad, M. B. B. S.,
Reg. No. 18363
CIVIL ASSISTANT SURGEON
MEDICAL OFFICER
Primary Health Centre
KASIN KOTA-531 031
VISAKHA Dist.

Mrs. a uma

24 Years

Female

27.06.2023 13:44:48
MEDALL HEALTHCARE PVT LTD
OFFICIAL COLONY MAHARAJAPETA
VISAKHAPATNAM

Room:

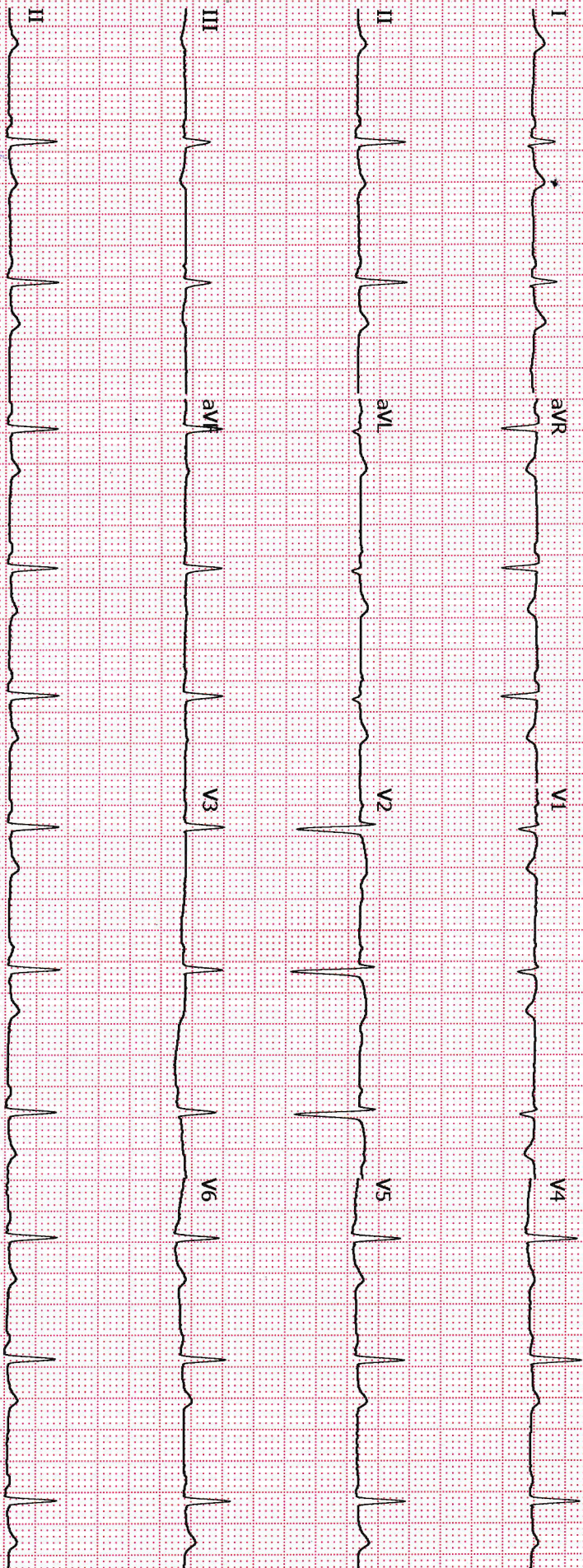
Location:
Order Number:
Visit:

69 bpm
- / - mmHg

Indication 1:
Medication 1:
Medication 2:
Medication 3:

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

Normal sinus rhythm
Normal ECG
QRS : 76 ms
QT / QTcBaz : 388 / 415 ms
PR : 138 ms
P : 110 ms
RR / pp : 870 / 869 ms
P / QRS / T : 24 / 61 / 19 degrees



GE MAC2000 1.1 12SL™ V241

25 mm/s 10 mm/mV

ADS 0.56-20 Hz 50 Hz

Unconfirmed
4x2.5x3_25_R1 1/1

MICRO BRN PLATE

9 2 1 9 5

MRS. A. UMA,
 Patient ID: MED11170498
 06/27/2023
 Female
 24 yrs Indian
 13:57:20
 Meds:

Exercise Test / Tabular Summary

MEDALL HEALTHCARE PVT LTD

Test Reason:
 Medical History:
 Ref MD: Ordering MD:
 Technician: Test Type:
 Comment:

BRUCE: Exercise Time 12:01
 Max HR: 155 bpm 79% of max predicted 196 bpm HR at rest: 73
 Max BP: 140/90 mmHg Max RPP: 20150 mmHg* bpm
 Maximum Workload: 13.30 METS
 Max. ST: -1.05 mm, -1.16 mV/s in III; EXERCISE STAGE 4 11:29
 Arrhythmia: A:6, PVC:1, PSVC:2
 ST/HR index: 1.15 μ V/bpm
 ST/HR slope: 1.19 μ V/bpm (II)
 HR reserve used: 63 %
 HR recovery: 32 bpm
 VE recovery: 0 VE/min
 ST/HR hysteresis: 0.029 mV (II)
 ORS duration: BASELINE: 72 ms, PEAK EX: 76 ms, REC: 76 ms
Reasons for Termination: Target heart rate achieved
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.
 Room:
 Location: * 0 *

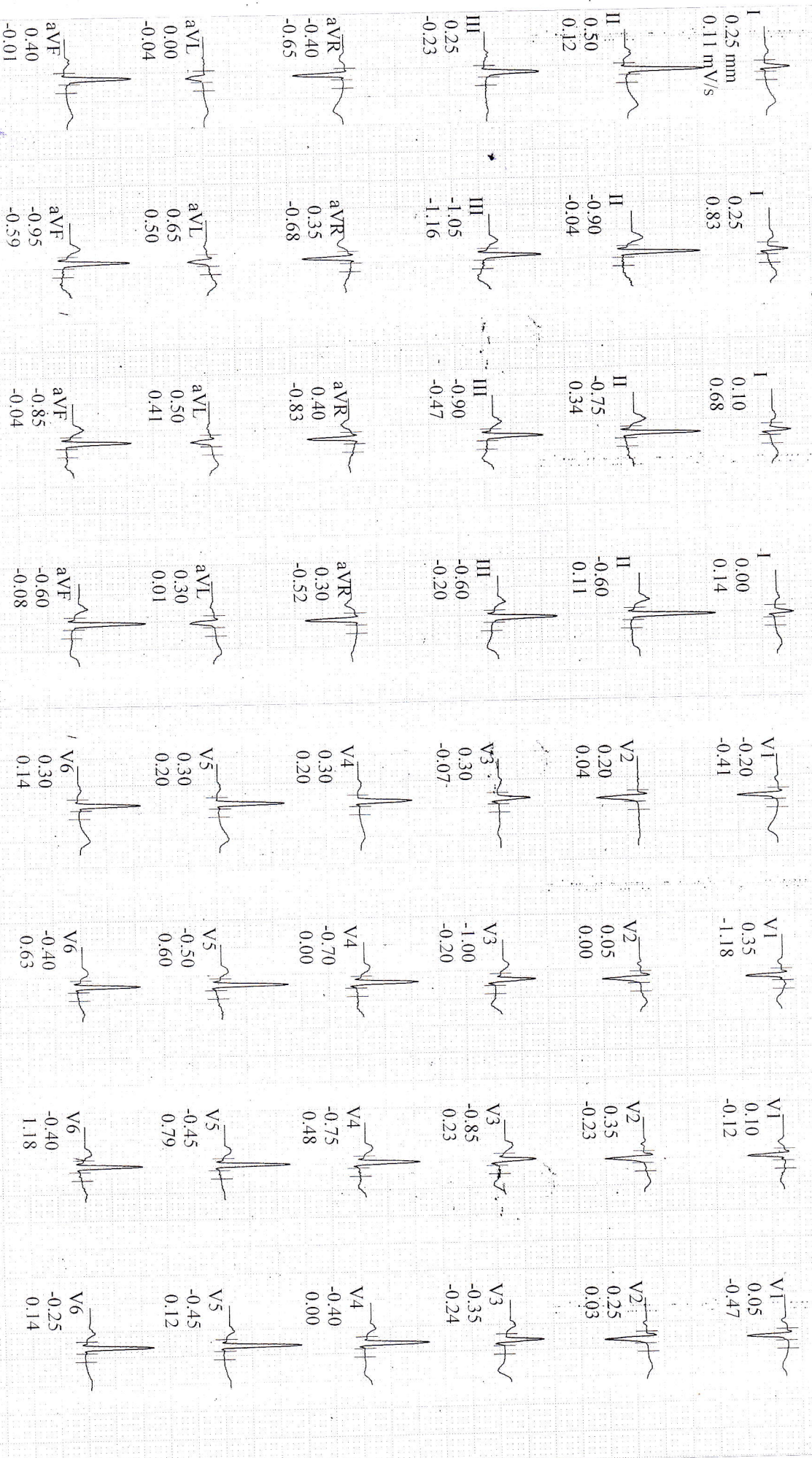
Phase Name	Stage-Name	Time in Stage	Speed [km/h]	Grade [%]	Workload [METs]	HR [bpm]	BP [mmHg]	RPP [mmHg*bp]	VE [l/min]	ST-Level III [mm]	Comment
PRETEST	SUPINE	00:16	0.00	0.00	1.0	74			0	-0.20	
	STANDING	00:06	0.00	0.00	1.0	76			0	0.25	
	HYPERV.	00:04	0.00	0.00	1.0	76			0	0.20	
	WARM-UP	00:04	0.00	0.00	1.0	77			0	0.30	
EXERCISE	STAGE 1	03:00	2.70	10.00	4.6	97	120/80	11640	0	0.00	
	STAGE 2	03:00	4.00	12.00	7.0	113	120/80	13560	0	-0.05	
	STAGE 3	03:00	5.40	14.00	10.0	134	130/90	17420	0	-0.25	
	STAGE 4	03:00	6.70	16.00	13.3	151	130/90	19630	0	-0.90	
	STAGE 5	00:01	6.70	16.00	13.3	151	130/90	19630	0	-0.90	
RECOVERY		02:55	0.00	0.00	1.0	113	140/90	15820	0	-0.60	

Stress Test - Negative

S. M. S.

Female
24 yrs Indian

BASELINE EXERCISE	MAX. ST EXERCISE	PEAK EXERCISE	TEST END RECOVERY	BASELINE EXERCISE	MAX. ST EXERCISE	PEAK EXERCISE	TEST END RECOVERY
0:00 77 bpm	11:29 150 bpm 130/90 mmHg	12:01 151 bpm 130/90 mmHg	2:50 112 bpm 140/90 mmHg	0:00 77 bpm	11:29 150 bpm 130/90 mmHg	12:01 151 bpm 130/90 mmHg	2:50 112 bpm 140/90 mmHg



GE CardioSoft V7.0 (10)
10 mm/mV 50 Hz 0.04-20 Hz HEART V5.41.1

Unconfirmed

Attending MD:

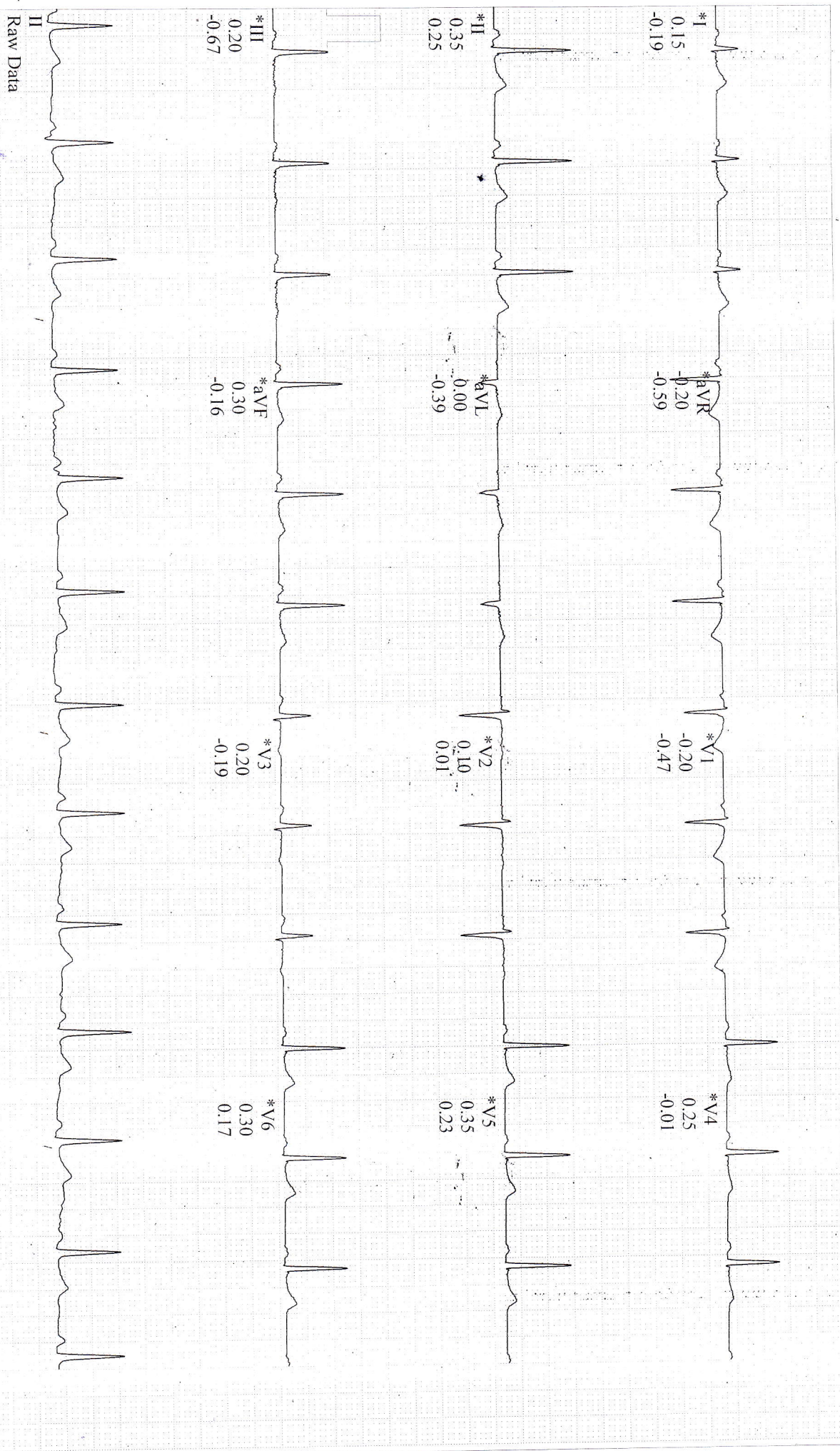
Patient ID: MED11170498
Date: 1/2023
Gender: Female
Age: 24 yrs
Ethnicity: Indian

73 bpm

Exercise Test / Linked Medians
PRETEST
SUPINE
00:11

BRUCE
0.0 km/h
0.0 %

MEDALL HEALTHCARE PVT LTD
Lead
ST Level (mm)
ST Slope (mV/s)



Raw Data

*Computer Synthesized Rhythms

GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF-

Start of Test: 13:57:20

Patient ID: MED11170498
 Date: 08/27/2023
 Time: 13:57:38
 Gender: Female
 Age: 24 yrs
 Ethnicity: Indian

74 bpm

Exercise Test / Linked Medians
 PRETEST
 STANDING
 00:17

BRUCE
 0.0 km/h
 0.0 %

MEDALL HEALTHCARE PVT LTD

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



*Computer Synthesized Rhythms

GE CardioSoft V7.0 (10)
 25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF- HR(II, V5)

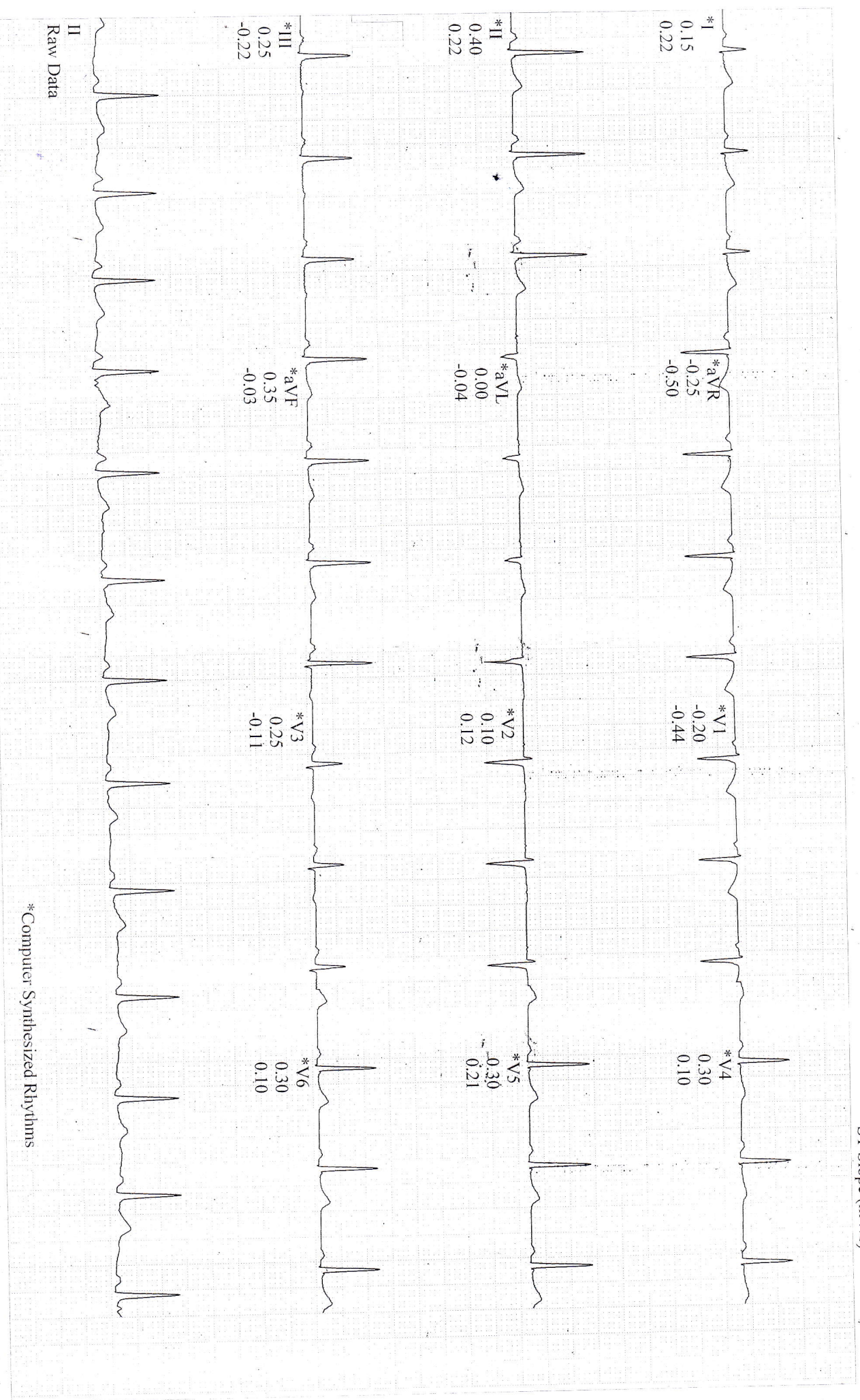
Start of Test: 13:57:20

76 bpm

EXERCISE TEST / LINKED MEASUREMENTS
PRETEST
HYPERV.
00:22

BRUCE
0.0 km/h
0.0 %

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



GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF- HR(II.V5)

Start of Test: 13:57:20

*Computer Synthesized Rhythms

PATIENT ID: MED1170498
 Date: 02/27/2023
 13:57:48
 Female
 24 yrs Indian

77 bpm

Exercise Test / Linked Medians
 PRETEST
 WARM-UP
 00:27

BRUCE
 0.0 km/h
 0.0 %

MEDALL HEALTHCARE PVT LTD

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



*Computer Synthesized Rhythms

Patient ID: MED11170498
06/27/2023 Female
14:00:39 24 yrs Indian

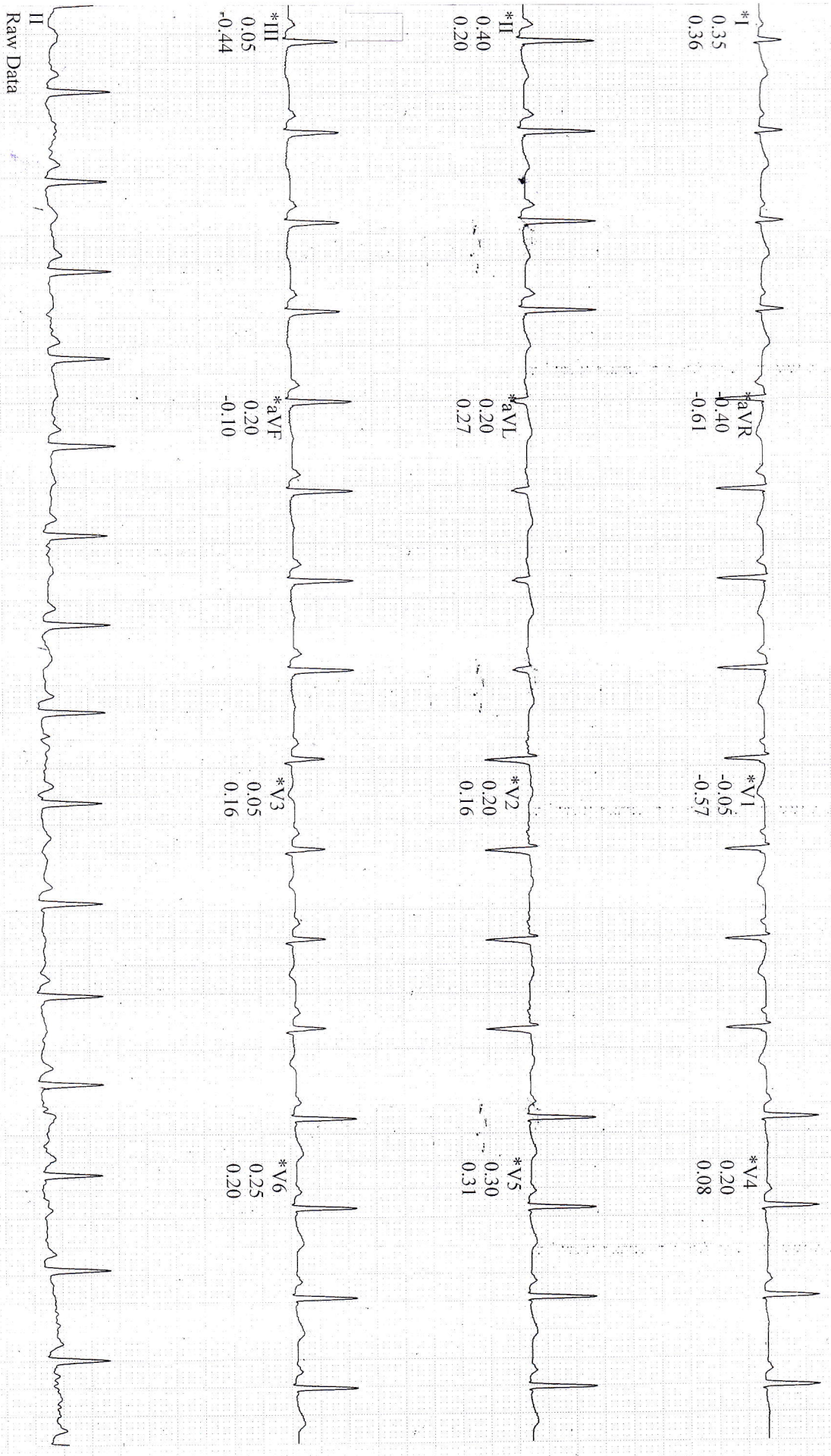
96 bpm
120/80 mmHg

Exercise Test / Linked Medians
EXERCISE
STAGE 1
02:50

BRUCE
2.7 km/h
10.0 %

MEDALL HEALTHCARE PVT LTD

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



*Computer Synthesized Rhythms

GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF- HR(1L V5)

Start of Test: 13:57:20

UMA,

Patient ID: MED11170498

06/27/2023

14:03:39

Female

24 yrs Indian

Exercise Test / Linked Medians

EXERCISE STAGE 2

117 bpm
120/80 mmHg

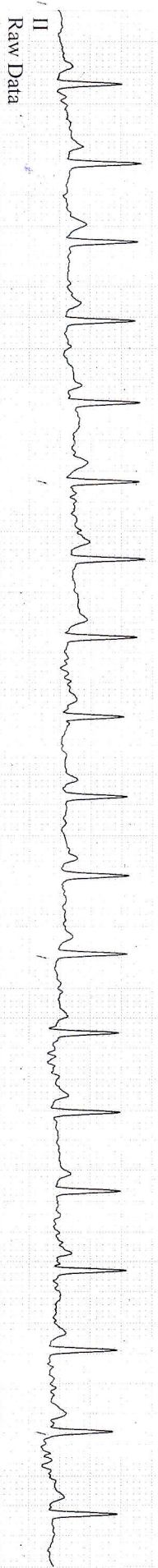
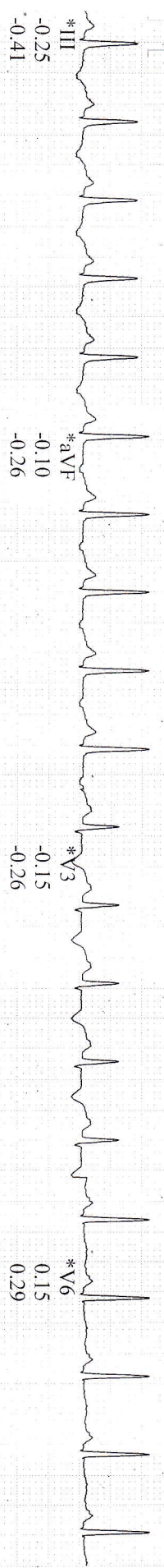
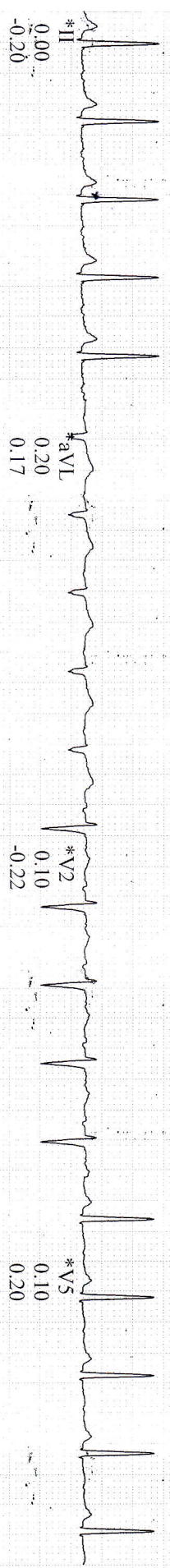
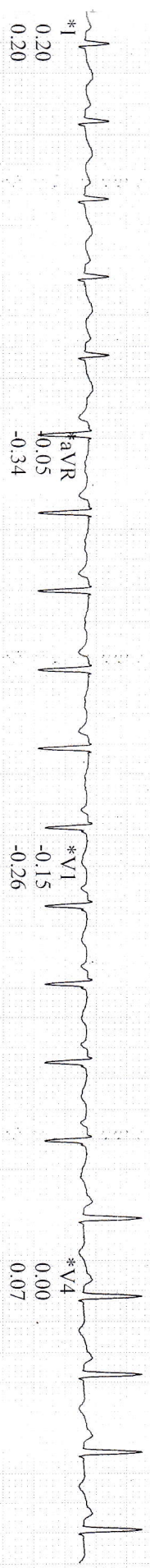
05:50

BRUCE

4.0 km/h
12.0 %

MEDALL HEALTHCARE PVT LTD

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



*Computer Synthesized Rhythms

GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF- HR(II, V5)

Start of Test: 13:57:20

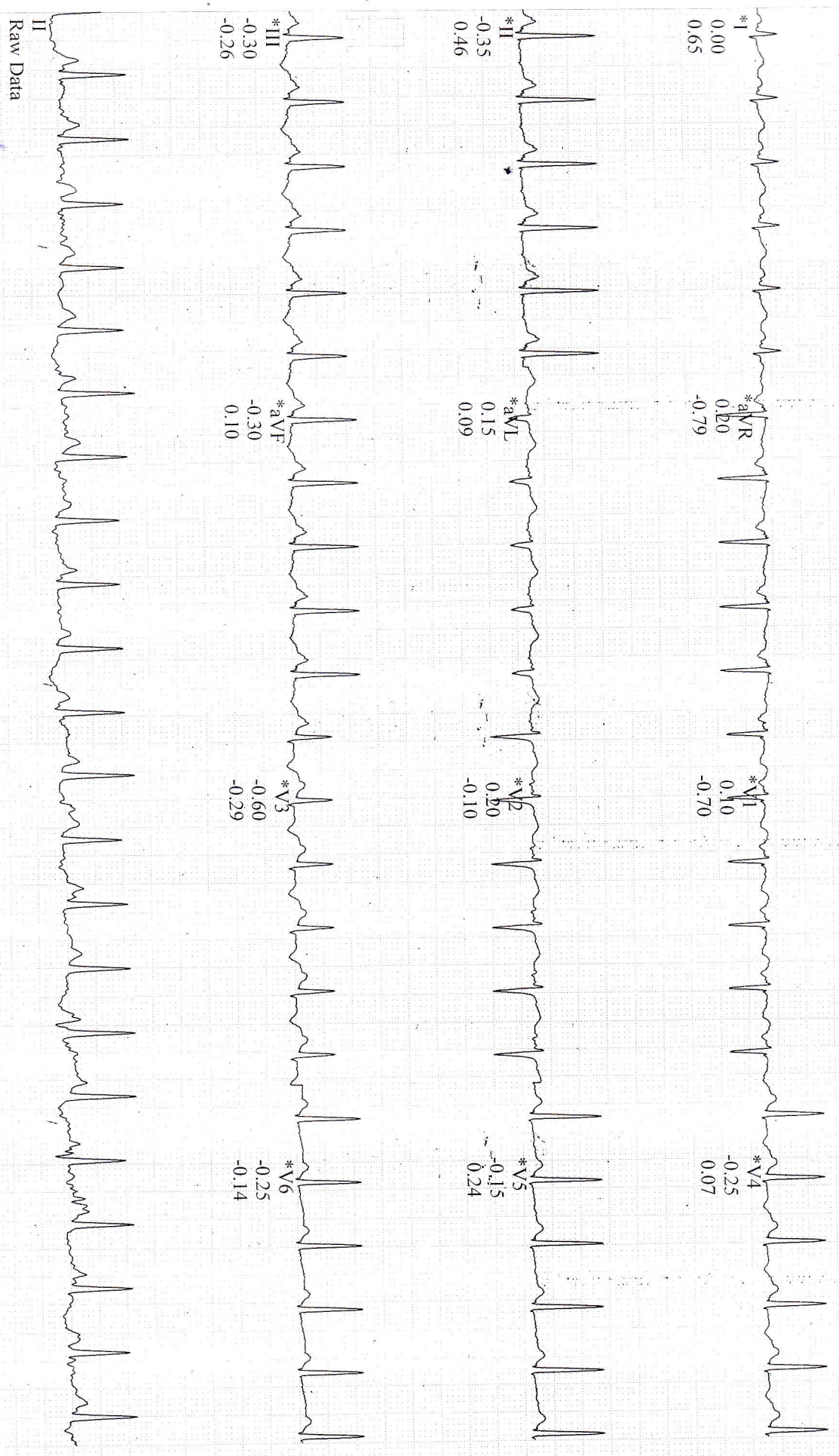
Patient ID: MED11170498
Date: 08/27/2023
Gender: Female
Age: 24 yrs
Ethnicity: Indian

Exercise Test / Linked Medians
EXERCISE STAGE 3
08:50
134 bpm
130/90 mmHg

BRUCE
5.4 km/h
14.0 %

MEDIAL HEALTHCARE PVT LTD

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



*Computer Synthesized Rhythms

GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF- HR(II,V5)

Start of Test: 13:57:20

P.UMA,

Patient ID: MED11170498

06/27/2023

14:09:39

Female

24 yrs Indian

Exercise Test / Linked Medians

EXERCISE

STAGE 4

11:50

155 bpm
130/90 mmHg

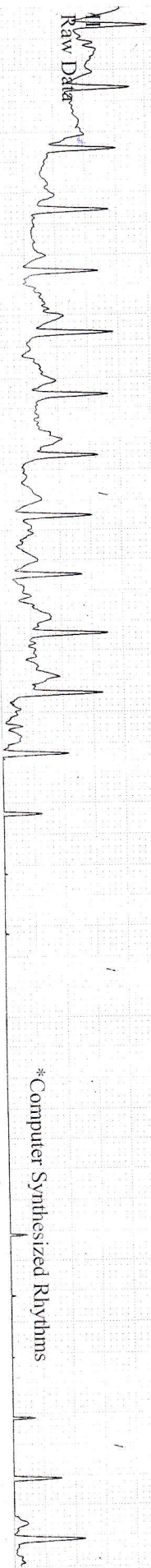
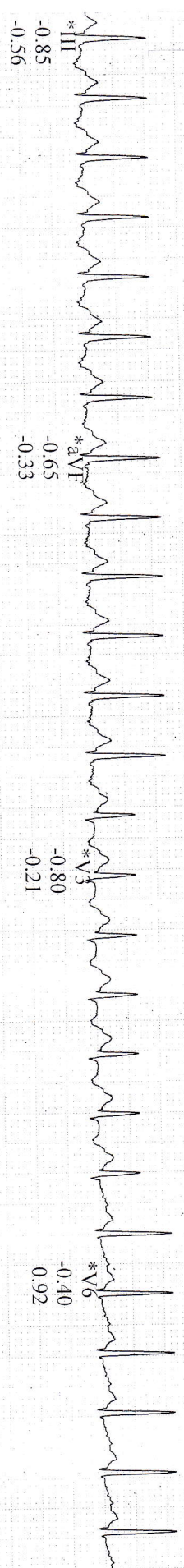
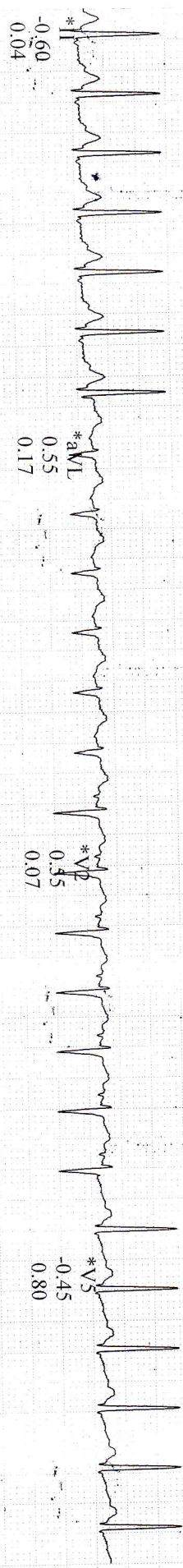
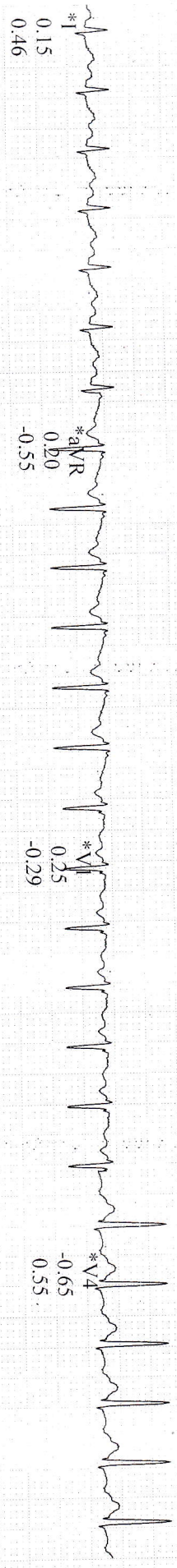
BRUCE

6.7 km/h

16.0 %

MEDALL HEALTHCARE PVT LTD

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



GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF- HR(QI,V5)

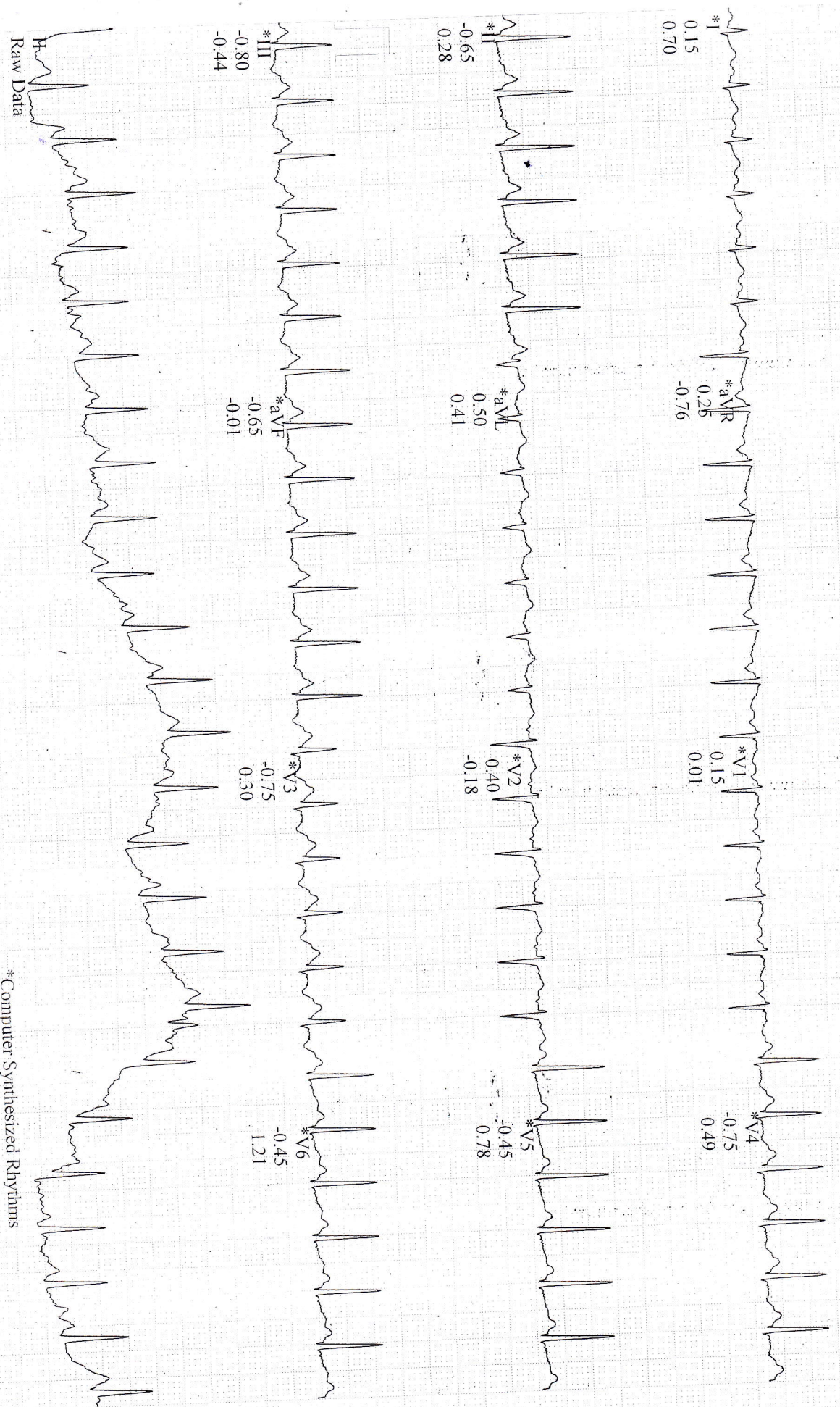
Start of Test: 13:57:20

PALUMA,
 Patient ID: MED11170498
 06/27/2023 Female
 14:09:50 24 yrs Indian

151 bpm
 130/90 mmHg

Exercise Test / Linked Medians (PEAK EXERCISE)
 EXERCISE
 STAGE 5
 12:01
 BRUCE
 6.7 km/h
 16.0 %

MEDALL HEALTHCARE PVT LTD
 Lead
 ST Level (mm)
 ST Slope (mV/s)



*Computer Synthesized Rhythms

Raw Data

GE CardioSoft V7.0 (10)
 25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF- HR(II,V5)

Start of Test: 13:57:20

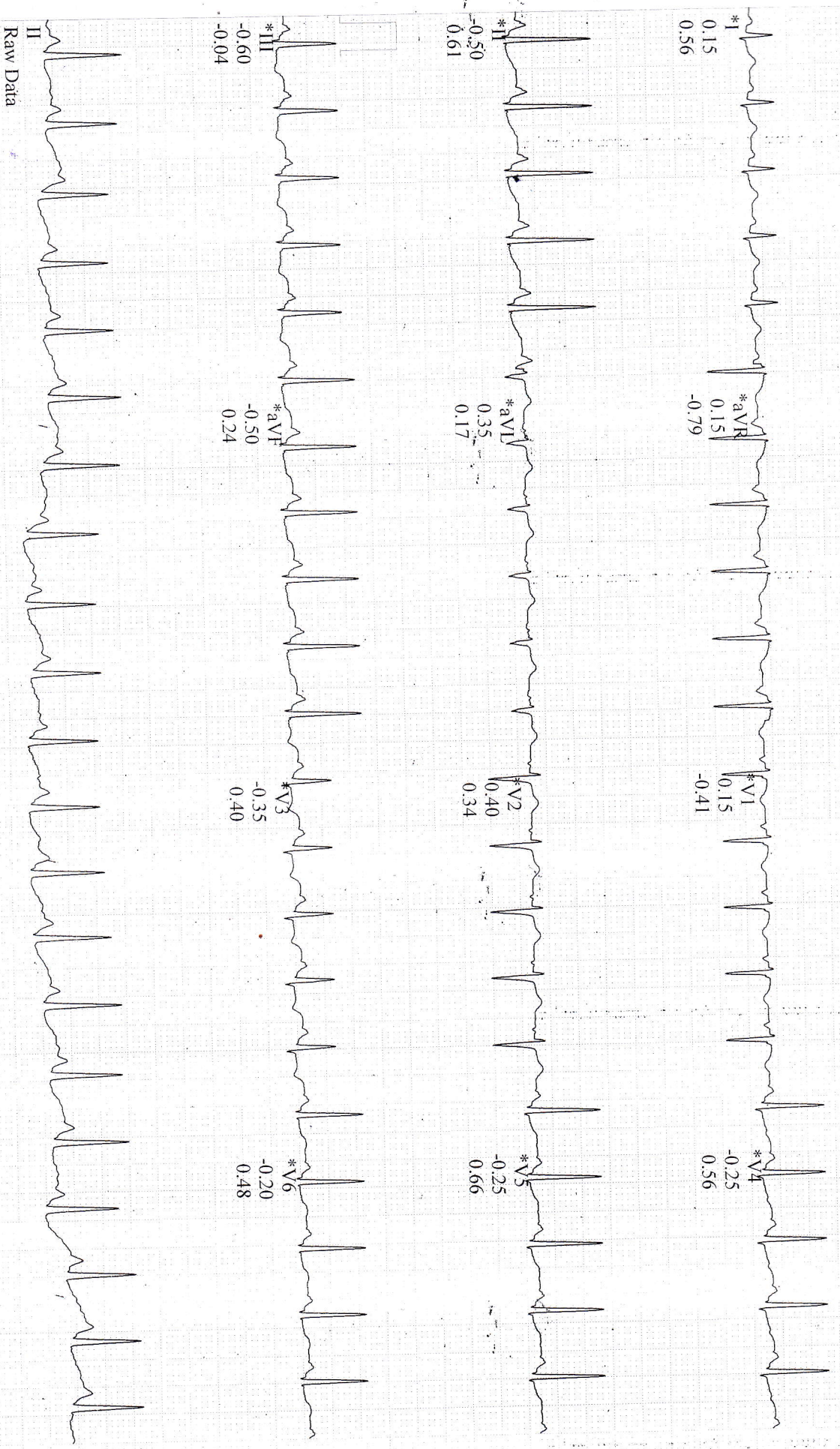
Patient ID: MED11170498
06/27/2023 Female
14:10:40 24 yrs Indian

126 bpm

Exercise Test / Linked Medians
RECOVERY #1
00:50

BRUCE
0.0 km/h
0.0 %

MEDALL HEALTHCARE PVT LTD
Lead
ST Level (mm)
ST Slope (mV/s)



GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF- HR(Q1.V5)

Start of Test: 13:57:20

PATIENT ID: MED111170498
 06/27/2023 Female
 14:11:40 24 yrs Indian

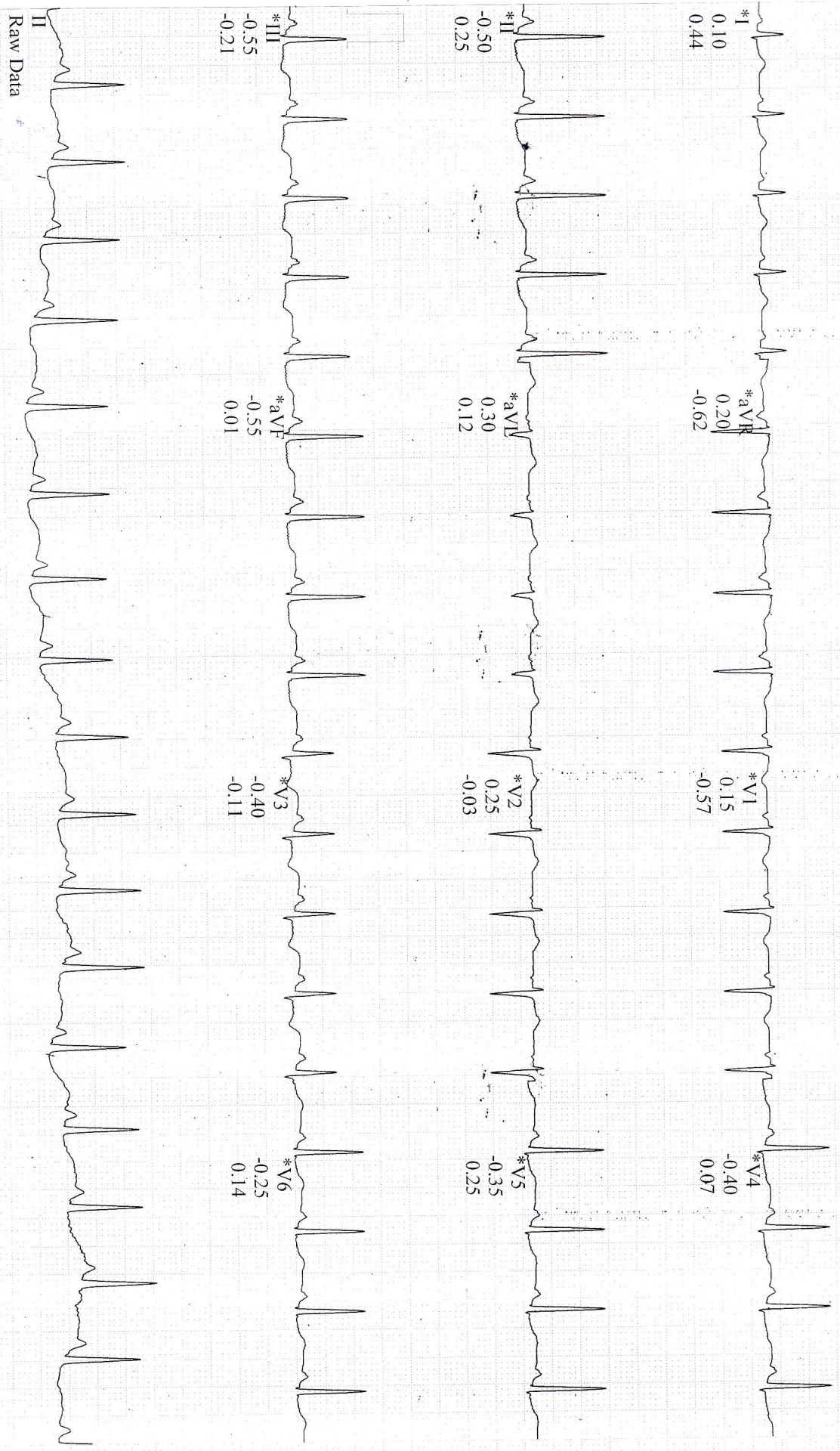
107 bpm

Exercise Test / Linked Medians
 RECOVERY #1
 01:50

BRUCE
 0.0 km/h
 0.0 %

MEDALL HEALTHCARE PVT LTD

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



Raw Data

*Computer Synthesized Rhythms

GE CardioSoft V7.0(10)
 25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz FRF - HR(Q1,V5)

Start of Test: 13:57:20

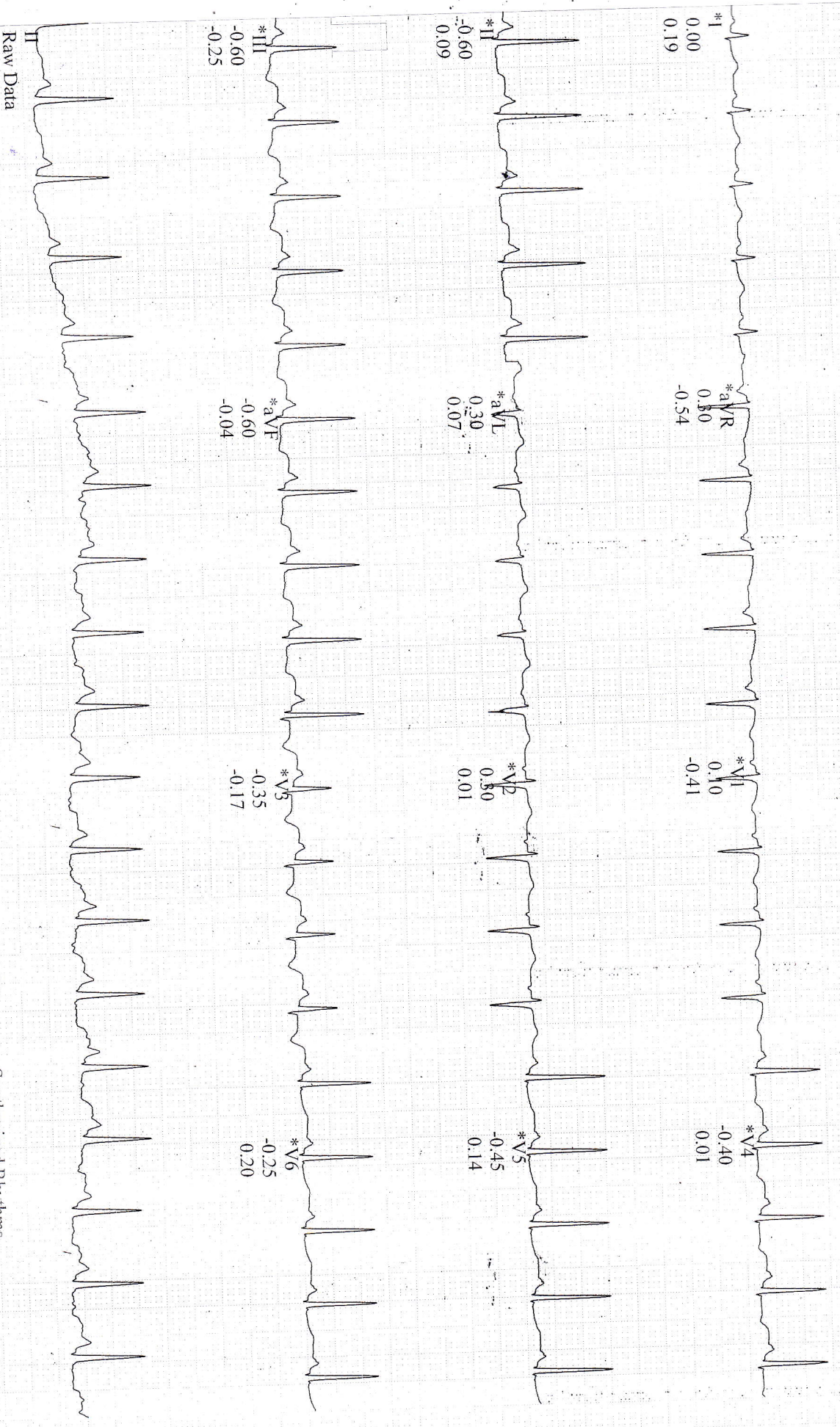
Patient ID: MED11170498
06/27/2023 Female
24 yrs Indian

112 bpm
140/90 mmHg

Exercise Test / Linked Medians
RECOVERY #1
02:50

BRUCE
0.0 km/h
0.0 %

MEDALL HEALTHCARE PVI LTD
Lead
ST Level (mm)
ST Slope (mV/s)



Raw Data

*Computer Synthesized Rhythms

GE CardioSoft V7.0 (10)
25 mm/s 10 mm/mV 50 Hz 0.05 - 20 Hz PRF- HR(Q1,V5)

Start of Test: 13:57:20

Name : Mrs. AKULA UMA

PID No. : MED111704986

Register On : 27/06/2023 11:33 AM

SID No. : 80286258

Collection On : 27/06/2023 12:45 PM

Age / Sex : 24 Year(s) / Female

Report On : 27/06/2023 3:38 PM

Type : OP

Printed On : 29/06/2023 6:16 PM

Ref. Dr : MediWheel

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
BLOOD GROUPING AND Rh TYPING (Blood/Agglutination)	'O' 'Positive'		
<u>Complete Blood Count With - ESR</u>			
Haemoglobin (Blood/Spectrophotometry)	12.6	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (Blood/Numeric Integration of MCV)	36.9	%	37 - 47
RBC Count (Blood/Electrical Impedance)	4.47	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (Blood/Calculated)	82.5	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Calculated)	28.2	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Calculated)	34.2	g/dL	32 - 36
RDW-CV (Calculated)	15.9	%	11.5 - 16.0
RDW-SD (Calculated)	45.91	fL	39 - 46
Total Leukocyte Count (TC) (Blood/Electrical Impedance)	7990	cells/cu.m m	4000 - 11000
Neutrophils (Blood/Impedance and absorbance)	56.09	%	40 - 75
Lymphocytes (Blood/Impedance and absorbance)	31.45	%	20 - 45
Eosinophils (Blood/Impedance and absorbance)	5.87	%	01 - 06



VERIFIED BY



APPROVED BY

The results pertain to sample tested.

Page 1 of 8

Lab Address: MEDALL HEALTH CARE PVT LTD,#17-11-3/4,DR.GKS MANSION,OFFICIAL COLONY,MAHARANI PETA, VIZAG 530002,.

Name : Mrs. AKULA UMA

PID No. : MED111704986

Register On : 27/06/2023 11:33 AM

SID No. : 80286258

Collection On : 27/06/2023 12:45 PM

Age / Sex : 24 Year(s) / Female


Report On : 27/06/2023 3:38 PM

Type : OP

Printed On : 29/06/2023 6:16 PM

Ref. Dr : MediWheel

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
Monocytes (Blood/Impedance and absorbance)	6.30	%	01 - 10
Basophils (Blood/Impedance and absorbance)	0.28	%	00 - 02
INTERPRETATION: Tests done on Automated Five Part cell counter. All abnormal results are reviewed and confirmed microscopically.			
Absolute Neutrophil count (Blood/Impedance and absorbance)	4.48	10 ³ / μ l	1.5 - 6.6
Absolute Lymphocyte Count (Blood/Impedance)	2.51	10 ³ / μ l	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/Impedance)	0.47	10 ³ / μ l	0.04 - 0.44
Absolute Monocyte Count (Blood/Impedance)	0.50	10 ³ / μ l	< 1.0
Absolute Basophil count (Blood/Impedance)	0.02	10 ³ / μ l	< 0.2
Platelet Count (Blood/Impedance)	3.3	lakh/cu.m m	1.4 - 4.5
INTERPRETATION: Platelet count less than 1.5 lakhs will be confirmed microscopically.			
MPV (Blood/Derived from Impedance)	8.28	fL	8.0 - 13.3
PCT (Calculated)	0.27	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	08	mm/hr	< 20
BUN / Creatinine Ratio	7.7		
Glucose Fasting (FBS) (Plasma - F/Glucose oxidase/Peroxidase)	83	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126


CHINTHA SHIVAJI
Lab Manager

VERIFIED BY




Dr K. NEEHARIKA
MD PATHOLOGY
Reg No : 96545

APPROVED BY

The results pertain to sample tested.

Page 2 of 8

Lab Address: MEDALL HEALTH CARE PVT LTD,#17-11-3/4,DR.GKS MANSION,OFFICIAL COLONY,MAHARANI PETA, VIZAG 530002,.

Name : Mrs. AKULA UMA
PID No. : MED111704986 **Register On** : 27/06/2023 11:33 AM
SID No. : 80286258 **Collection On** : 27/06/2023 12:45 PM
Age / Sex : 24 Year(s)/ Female **Report On** : 27/06/2023 3:38 PM
Type : OP **Printed On** : 29/06/2023 6:16 PM
Ref. Dr : MediWheel

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
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INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine) (Urine - F)	Negative		Negative
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Glucose Postprandial (PPBS) (Plasma - PP/GOD - POD)	76	mg/dL	70 - 140
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INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative		Negative
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Blood Urea Nitrogen (BUN) (Serum/Calculated)	7.0	mg/dL	7.0 - 21
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Creatinine (Serum/Jaffe - Alkaline Picrate)	0.8	mg/dL	0.6 - 1.1
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Uric Acid (Serum/Uricase/Peroxidase)	2.8	mg/dL	2.6 - 6.0
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Liver Function Test

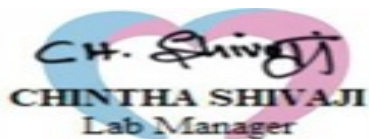
Bilirubin(Total) (Serum/Diazotized Sulphanilic acid)	0.6	mg/dL	0.1 - 1.2
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Bilirubin(Direct) (Serum/Diazotized Sulphanilic acid)	0.2	mg/dL	0.0 - 0.3
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Bilirubin(Indirect) (Serum/Calculated)	0.40	mg/dL	0.1 - 1.0
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SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC without P-5-P)	10	U/L	5 - 40
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SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC without P-5-P)	14	U/L	5 - 41
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VERIFIED BY



APPROVED BY

Name : Mrs. AKULA UMA
PID No. : MED111704986 **Register On** : 27/06/2023 11:33 AM
SID No. : 80286258 **Collection On** : 27/06/2023 12:45 PM
Age / Sex : 24 Year(s) / Female **Report On** : 27/06/2023 3:38 PM
Type : OP **Printed On** : 29/06/2023 6:16 PM
Ref. Dr : MediWheel

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
Alkaline Phosphatase (SAP) (Serum/IFCC AMP Buffer)	126	U/L	42 - 98
Total Protein (Serum/Biuret)	7.9	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.6	gm/dl	3.5 - 5.2
Globulin (Serum/Calculated)	3.30	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Calculated)	1.39		1.1 - 2.2

INTERPRETATION: Enclosure : Graph

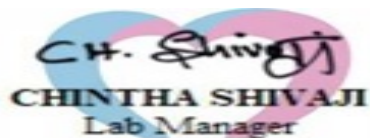
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	13	U/L	< 38
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Lipid Profile

Cholesterol Total (Serum/Cholesterol oxidase/Peroxidase)	116	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/Glycerol-phosphate oxidase/Peroxidase)	55	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the `usual_ circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	55	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
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VERIFIED BY



APPROVED BY

The results pertain to sample tested.

Page 4 of 8

Lab Address: MEDALL HEALTH CARE PVT LTD,#17-11-3/4,DR.GKS MANSION,OFFICIAL COLONY,MAHARANI PETA, VIZAG 530002,.

Name : Mrs. AKULA UMA

PID No. : MED111704986

Register On : 27/06/2023 11:33 AM

SID No. : 80286258

Collection On : 27/06/2023 12:45 PM

Age / Sex : 24 Year(s) / Female

Report On : 27/06/2023 3:38 PM

Type : OP

Printed On : 29/06/2023 6:16 PM


Ref. Dr : MediWheel

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
LDL Cholesterol (Serum/Calculated)	50	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	11	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	61.0	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

INTERPRETATION: 1.Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol.
2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	2.1	Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	1	Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	0.9	Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

Glycosylated Haemoglobin (HbA1c)


CHINTHA SHIVAJI
Lab Manager

VERIFIED BY




Dr K. NEEHARIKA
MD PATHOLOGY
Reg No : 96545

APPROVED BY

The results pertain to sample tested.

Page 5 of 8

Lab Address: MEDALL HEALTH CARE PVT LTD,#17-11-3/4,DR.GKS MANSION,OFFICIAL COLONY,MAHARANI PETA, VIZAG 530002,.

Name : Mrs. AKULA UMA
PID No. : MED111704986 **Register On** : 27/06/2023 11:33 AM
SID No. : 80286258 **Collection On** : 27/06/2023 12:45 PM
Age / Sex : 24 Year(s) / Female **Report On** : 27/06/2023 3:38 PM
Type : OP **Printed On** : 29/06/2023 6:16 PM
Ref. Dr : MediWheel

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
HbA1C (Whole Blood/HPLC-Ion exchange)	5.2	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control : 6.1 - 7.0 % , Fair control : 7.1 - 8.0 % , Poor control >= 8.1 %

Mean Blood Glucose (Whole Blood)	102.54	mg/dl
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INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency, hypertriglyceridemia, hyperbilirubinemia, Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values.

Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total (Serum/Chemiluminescent Immunometric Assay (CLIA))	1.12	ng/ml	0.7 - 2.04
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INTERPRETATION:

Comment :

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

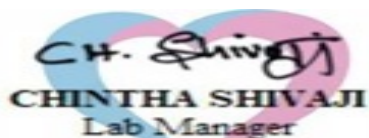
T4 (Thyroxine) - Total (Serum/Chemiluminescent Immunometric Assay (CLIA))	10.13	µg/dl	4.2 - 12.0
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INTERPRETATION:

Comment :

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone) (Serum/Chemiluminescence)	3.33	µIU/mL	0.35 - 5.50
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VERIFIED BY



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<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
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INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5

2 nd trimester 0.2-3.0

3 rd trimester : 0.3-3.0

(Indian Thyroid Society Guidelines)

Comment :

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.

2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%,hence time of the day has influence on the measured serum TSH concentrations.

3.Values&lt;0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

Urine Analysis - Routine

Others (Urine/Microscopy)	Nil
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INTERPRETATION:Note: Done with Automated Urine Analyser & microscopy

Physical Examination(Urine Routine)

Colour (Urine/Physical examination)	Pale yellow	Yellow to Amber
Appearance (Urine/Physical examination)	clear	Clear

Chemical Examination(Urine Routine)

Protein (Urine/Dipstick-Error of indicator/ Sulphosalicylic acid method)	Negative	Negative
Glucose (Urine/Dip Stick Method / Glucose Oxidase - Peroxidase / Benedict's semi quantitative method.)	Negative	Negative

Microscopic Examination(Urine Routine)



CH. Shivaji
CHINTHA SHIVAJI
Lab Manager

VERIFIED BY




K.Neeharika
Dr K. NEEHARIKA
MD PATHOLOGY
Reg No : 96545

APPROVED BY

The results pertain to sample tested.

Page 7 of 8

Lab Address: MEDALL HEALTH CARE PVT LTD,#17-11-3/4,DR.GKS MANSION,OFFICIAL COLONY,MAHARANI PETA, VIZAG 530002,.

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Ref. Dr : MediWheel

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
Pus Cells (Urine/Microscopy exam of urine sediment)	4-6	/hpf	0 - 5
Epithelial Cells (Urine/Microscopy exam of urine sediment)	10-12	/hpf	NIL
RBCs (Urine/Microscopy exam of urine sediment)	1-2	/hpf	0 - 5



VERIFIED BY



APPROVED BY

-- End of Report --

Name	Mrs. AKULA UMA	Customer ID	MED111704986
Age & Gender	24Y/F	Visit Date	Jun 27 2023 11:32AM
Ref Doctor	MediWheel		

ULTRASOUND WHOLE ABDOMEN

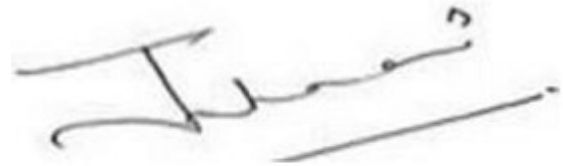
- Liver : Normal in size (13.3 cm) with regular outlines and normal echopattern.
There is no evidence of IHBR / EHBR dilatation seen.
No focal space occupying lesions seen.
CBD is normal. PV normal.
- Gall Bladder : Normal in volume and wall thickness.
No e/o intraluminal calculi seen.
- Pancreas : Head, body and tail are identified with normal echopattern and smooth outlines.
- Spleen : Measured 9.1 cm, in size with normal echotexture.
- Right kidney : Measured 8.7 x 3.7 cm in size.
- Left kidney : Measured 9.3 x 4.3 cm in size.
Both kidneys are normal in size, position, with well preserved cortico medullary differentiation and normal pelvicalyceal anatomy.
No e/o calculi / space occupying lesion seen.
No e/o suprarenal / retroperitoneal masses noted.
- Urinary bladder : Normal in volume and wall thickness.
No e/o intraluminal calculi / masses seen.
- Uterus : Measured 7.6 x 4.3 x 4.9 cm in size with normal myometrial and endometrial echotexture. Endometrial echo measured 8 mm.
- Right ovary : Measured 2.1 x 1.7 cm in size.
Left ovary : Measured 2.2 x 1.5 cm in size.
Both ovaries are normal in size and appearance.
- No e/o ascites / pleural effusion seen.
No e/o detectable bowel pathology seen.

IMPRESSION :

Name	Mrs. AKULA UMA	Customer ID	MED111704986
Age & Gender	24Y/F	Visit Date	Jun 27 2023 11:32AM
Ref Doctor	MediWheel		

- **Essentially normal study.**

- For clinical correlation.



Dr. Jahnavi Barla, MD (RD)

Consultant Radiologist

Name	Mrs. AKULA UMA	Customer ID	MED111704986
Age & Gender	24Y/F	Visit Date	Jun 27 2023 11:32AM
Ref Doctor	MediWheel		

RADIOGRAPH CHEST P.A. VIEW

The Cardiac size and configuration are normal.

The Aorta and Pulmonary Vasculature are normal.

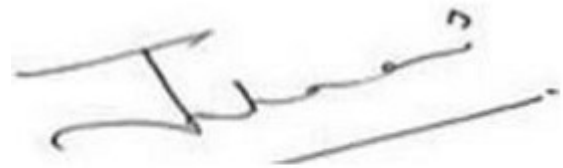
Both the lungs are clear.

Both Costophrenic angles are normal.

The soft tissues and bones of thorax are normal.

IMPRESSION :

- **Essentially normal study.**
- *For clinical correlation.*



Dr. Jahnavi Barla, MD (RD)

Consultant Radiologist