




नाम मुहम्मद आदम मलिक
Name Mohammad Adam Malik

कार्यकारी सूच सं.
E.C. No. 110696


प्रारोक्तता प्राधिकारी
Issuing Authority


धारक के हस्ताक्षर
Signature of Holder

MR. MOHD ADAM MALIK,
Patient ID CMAN.0027247
01/13/2024
12:18:03pm

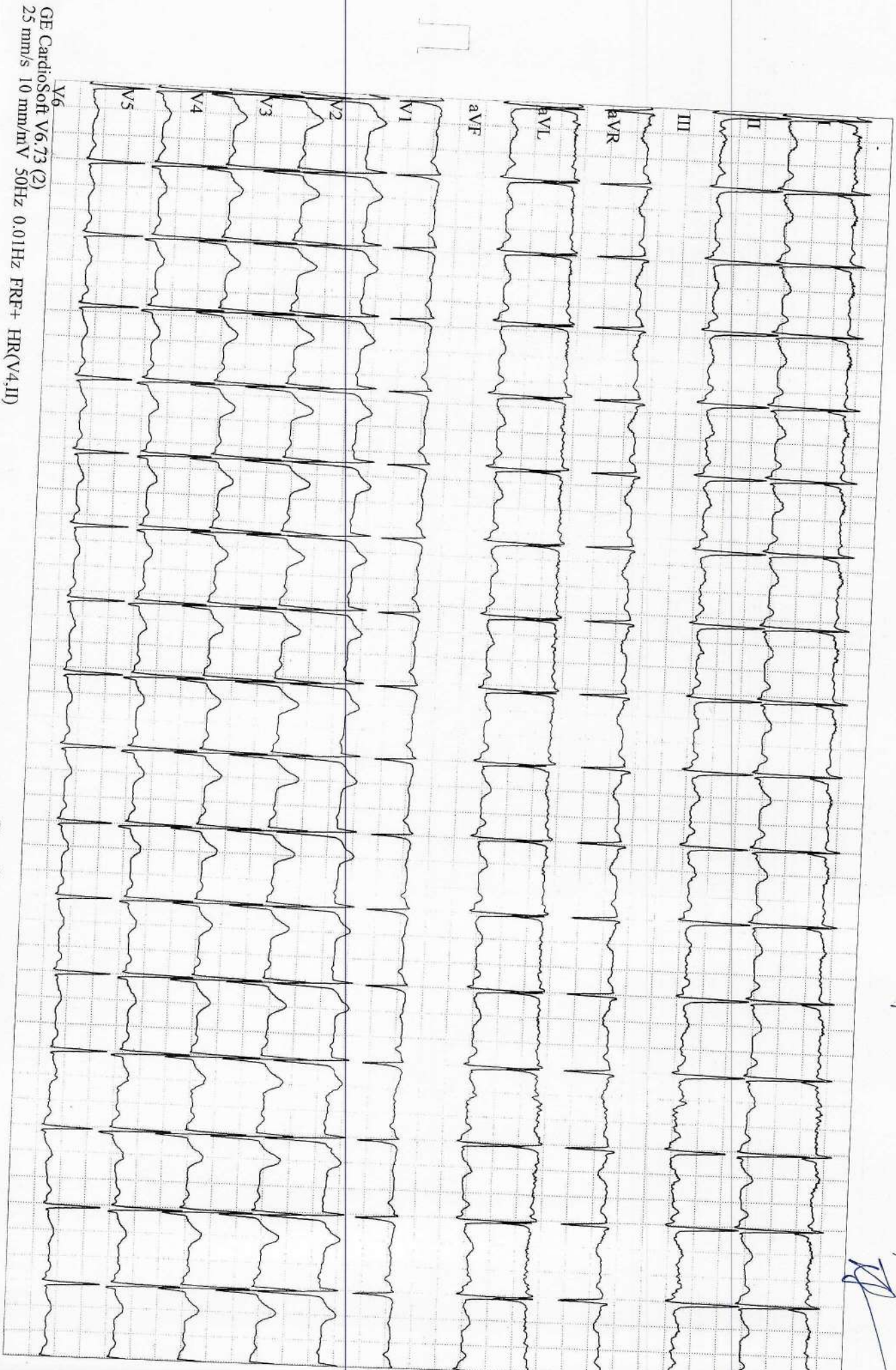
107 bpm
110/80 mmHg

12-Lead Report
PRETEST
SUPINE
00:06

BRUCE
0.0 mph
0.0 %

Normal - IMT

APOLLO CLINIC



GE CardioSoft V6.73 (2)
25 mm/s 10 mm/mV 50Hz 0.01Hz FRF+ HR(V4,II)

Start of Test: 12:17:51

MIR.MOHD ADAM MALIK,

Patient ID CMAN.0027247

01/13/2024
12:18:08pm

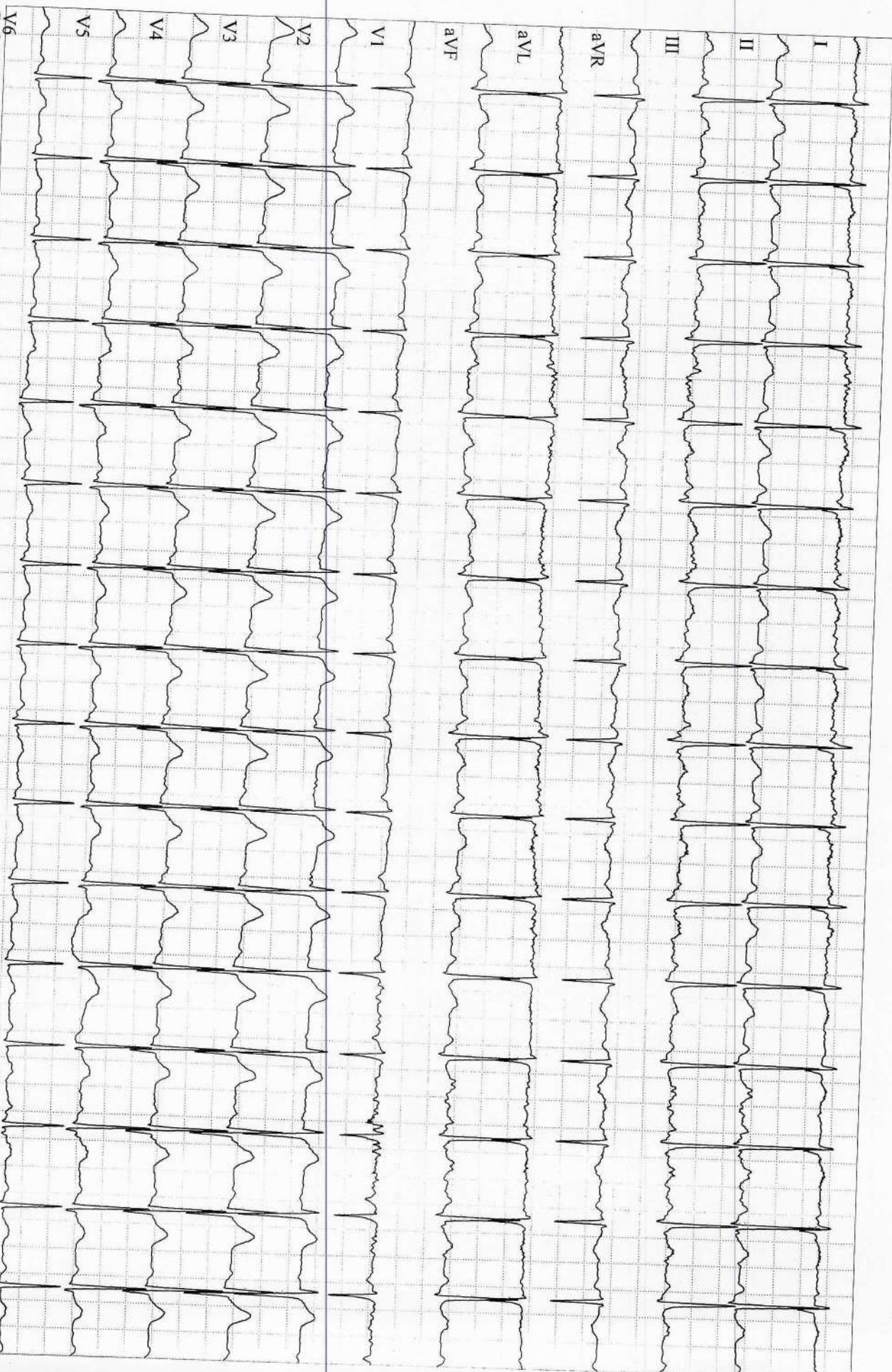
12-Lead Report

103 bpm
110/80 mmHg

PRETEST
STANDING
00:11

BRUCE
0.0 mph
0.0 %

APOLLO CLINIC



GE CardioSoft V6.73 (2)
25 mm/s 10 mm/mV 50Hz 0.01Hz FRF+ HR(V4,II)

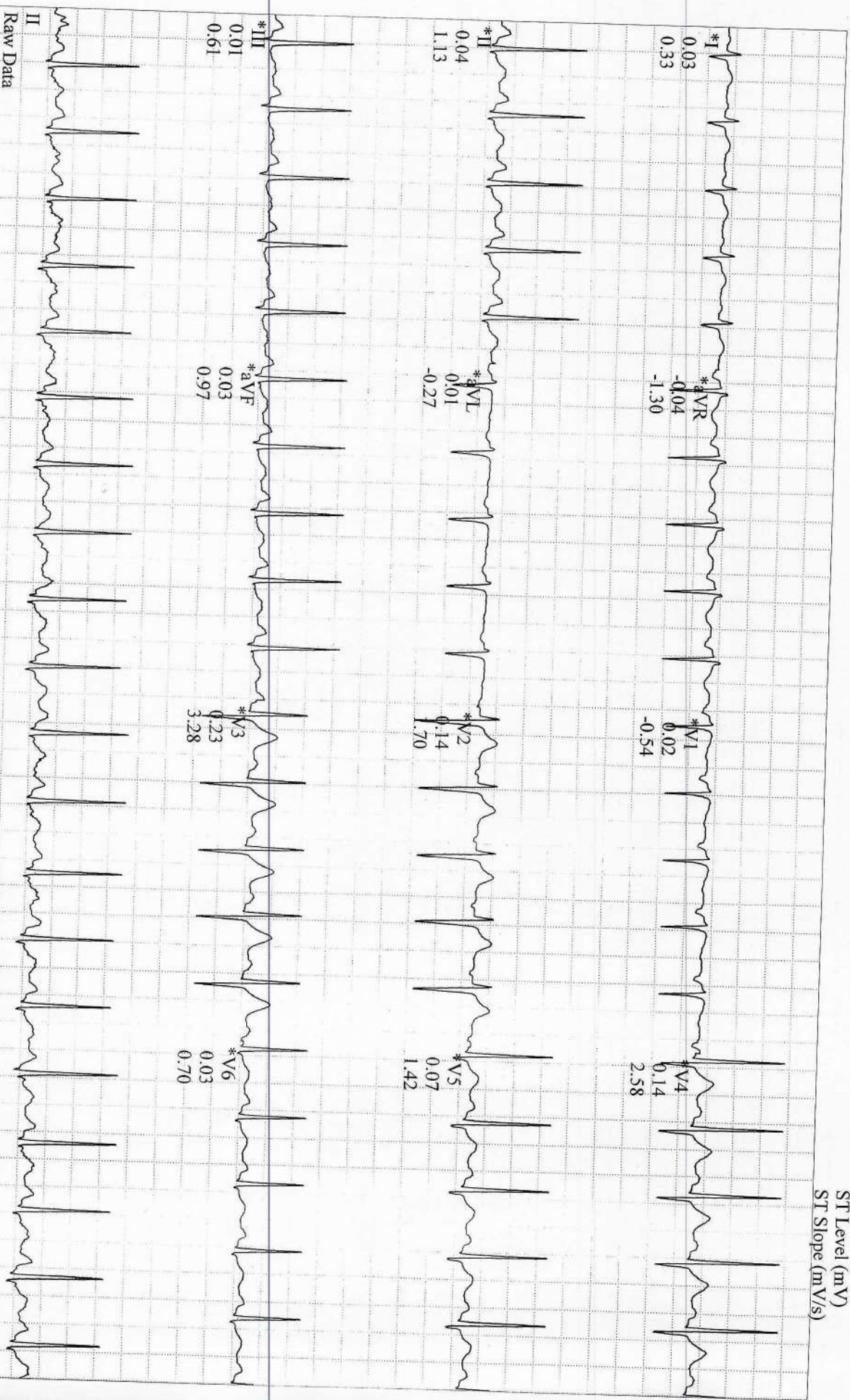
MR. MOHD ADAM MALIK,
Patient ID CMAN.0027247
01/13/2024
12:20:59pm

122 bpm

Linked Medians
EXERCISE
STAGE 1
02:50

BRUCE
1.7 mph
10.0 %

APOLLO CLINIC



GE CardioSoft V6.73 (2)
25 mm/s 10 mm/mV 50Hz 0.01Hz FRF+ HR(V4,II)

MIR. MOHD ADAM MALIK,

Patient ID CMAN.0027247

01/13/2024

12:23:59pm

148 bpm

Linked Medians

EXERCISE

STAGE 2

05:50

BRUCE

2.5 mph

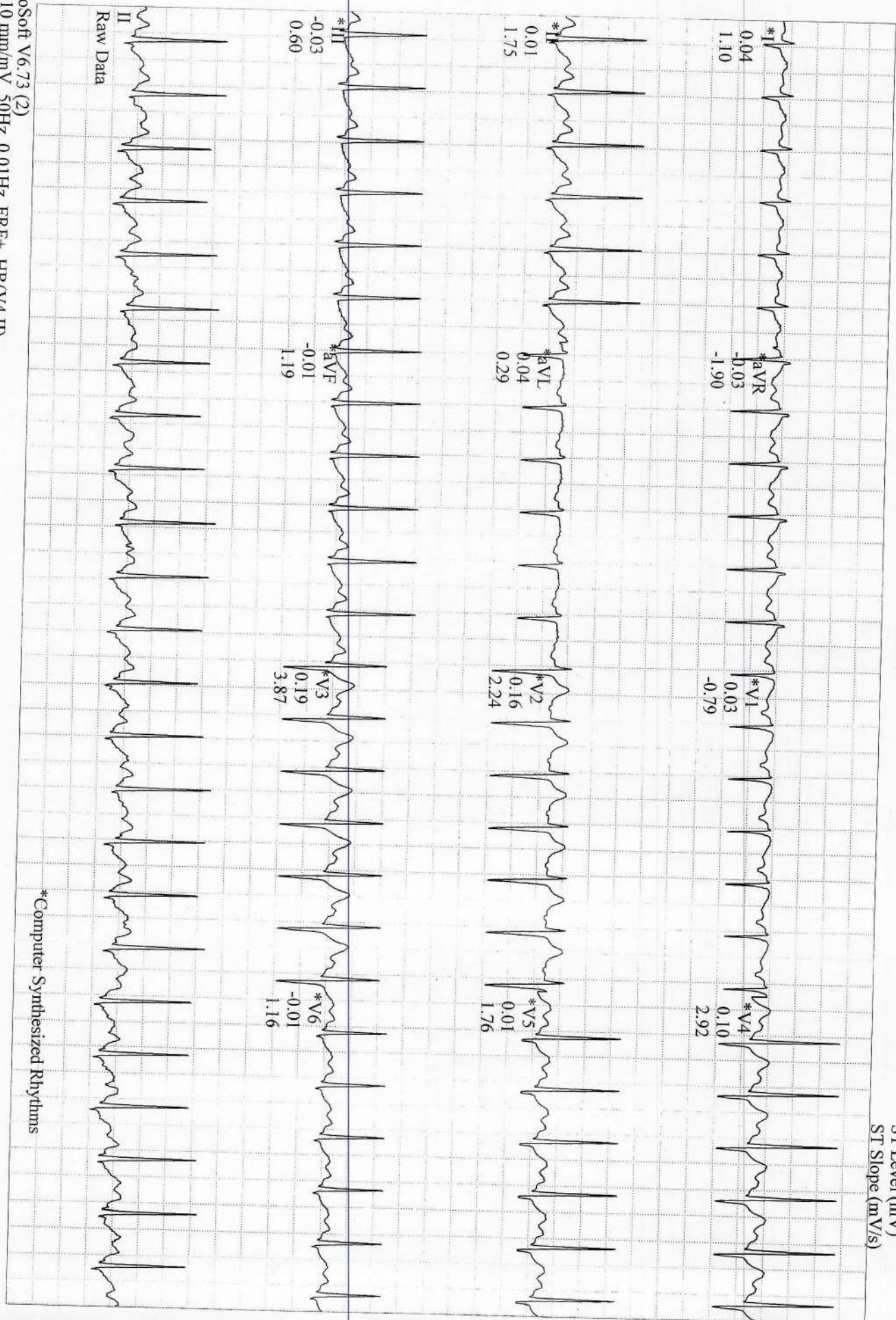
12.0 %

APOLLO CLINIC

Lead

ST Level (mV)

ST Slope (mV/s)



GE CardioSoft V6.73 (2)
25 mm/s 10 mm/mV 50Hz 0.01Hz FRF+ HR(V4,II)

*Computer Synthesized Rhythms

Start of Test: 17:17:51

MR. MOHD ADAM MALIK,

Patient ID CMAN.0027247

01/13/2024

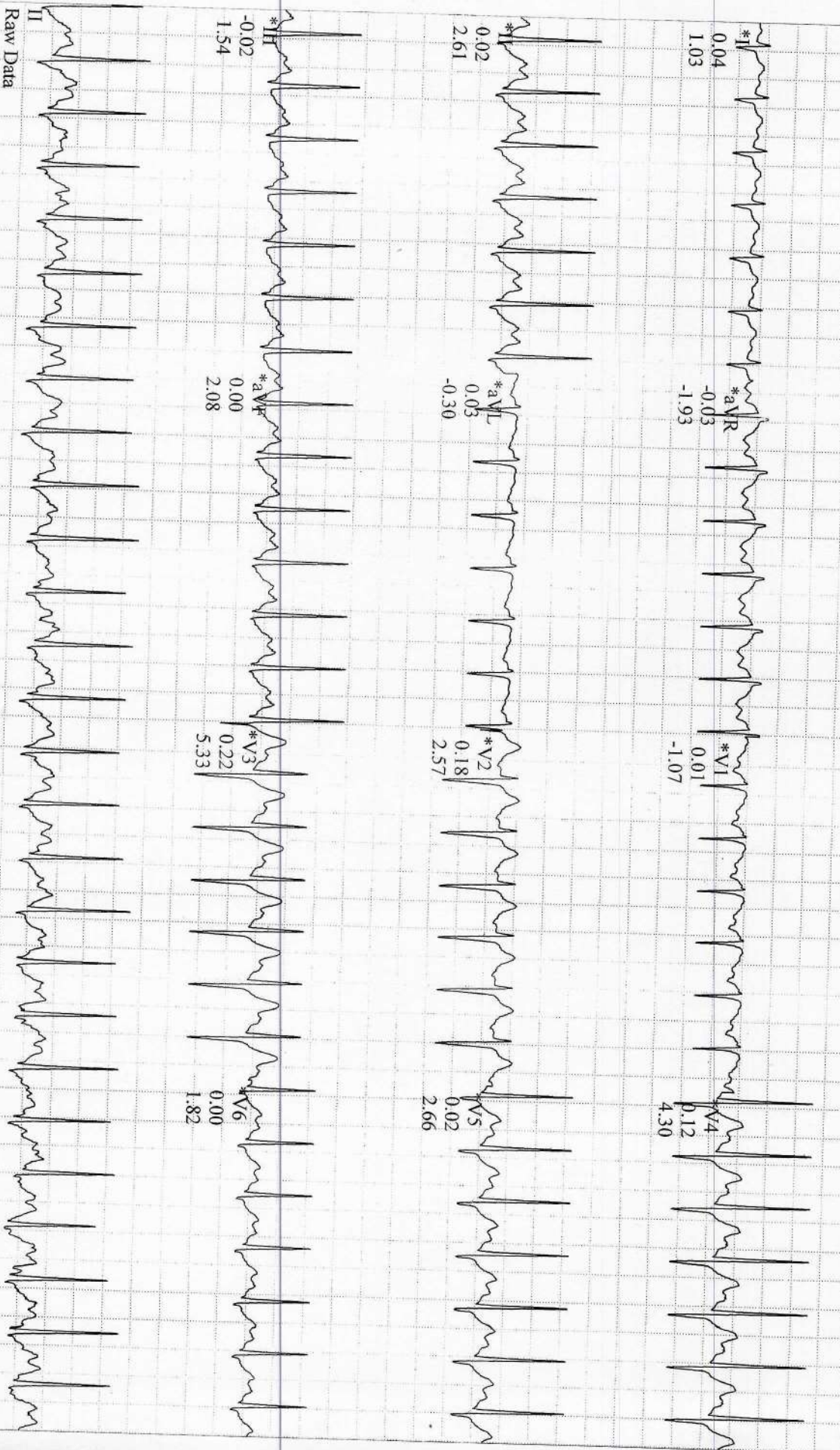
162 bpm
120/80 mmHg

Linked Medians
EXERCISE
STAGE 3
08:50

BRUCE
3.4 mph
14.0 %

APOLLO CLINIC

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



Raw Data

*Computer Synthesized Rhythms

GE CardioSoft V6.73 (2)
25 mm/s 10 mm/mV 50Hz 0.01Hz FRF+ HR(V4,II)

Start of Test: 12:17:01

MR. MOHD ADAM MALIK,
 Patient ID CMAN.0027247
 01/13/2024
 12:27:12pm

162 bpm
 120/80 mmHg

Linked Medians (PEAK EXERCISE)
 EXERCISE
 STAGE 4
 09:03
 BRUCE
 0.0 mph
 0.0 %

APOLLO CLINIC



GE CardioSoft V6.73 (2)
 25 mm/s 10 mm/mV 50Hz 0.01Hz FRF+ HR(V4,II)

*Computer Synthesized Rhythms

Start of Test: 12:17:51pm

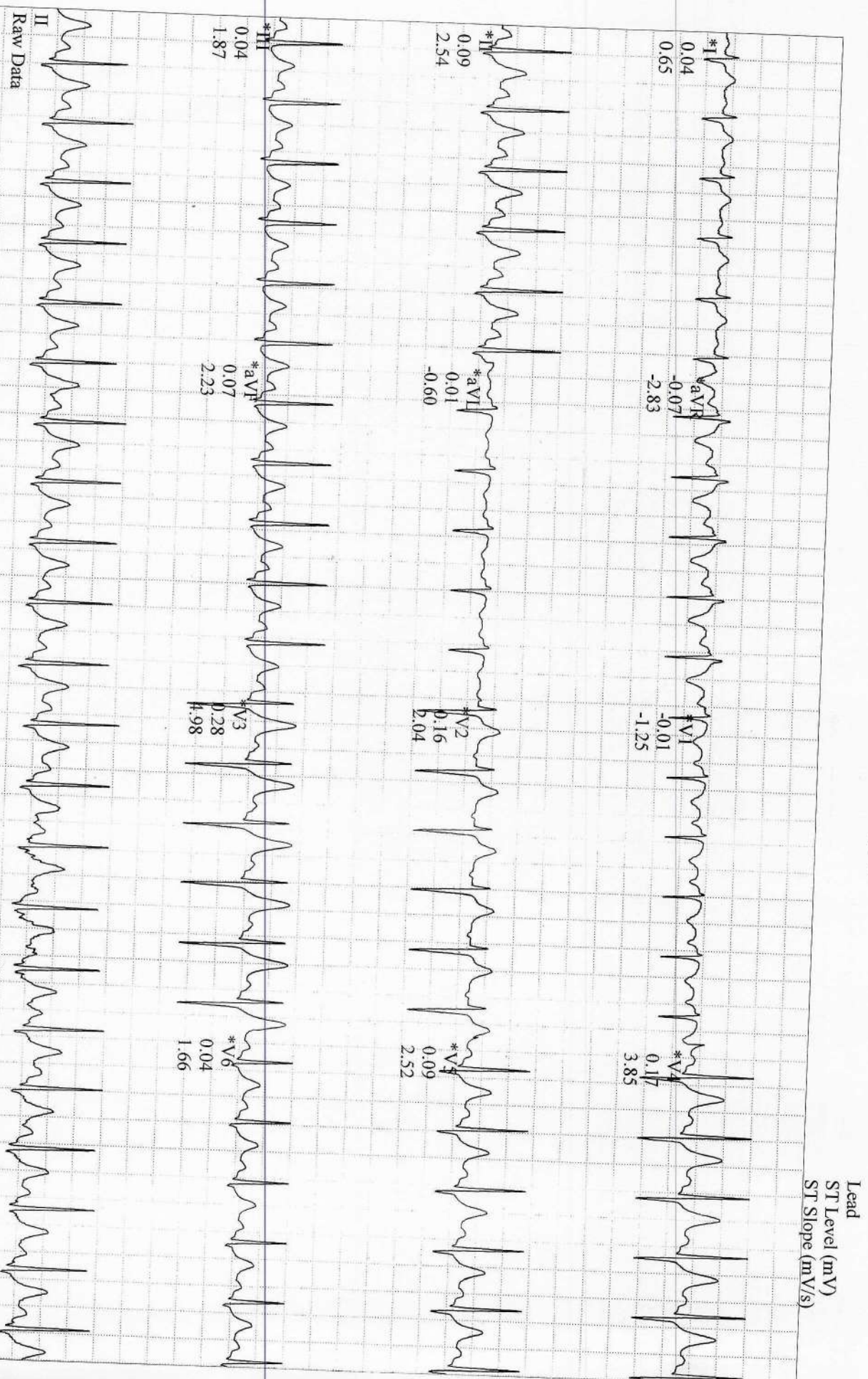
MR. MOHD ADAM MALIK,
Patient ID CMAN.0027247
01/13/2024
12:28:11pm

134 bpm

Linked Medians
RECOVERY
#1
01:00

BRUCE
0.0 mph
0.0 %

APOLLO CLINIC



GE CardioSoft V6.73 (2)
25 mm/s 10 mm/mV 50Hz 0.01Hz FRF+ HR(V4,II)

*Computer Synthesized Rhythms

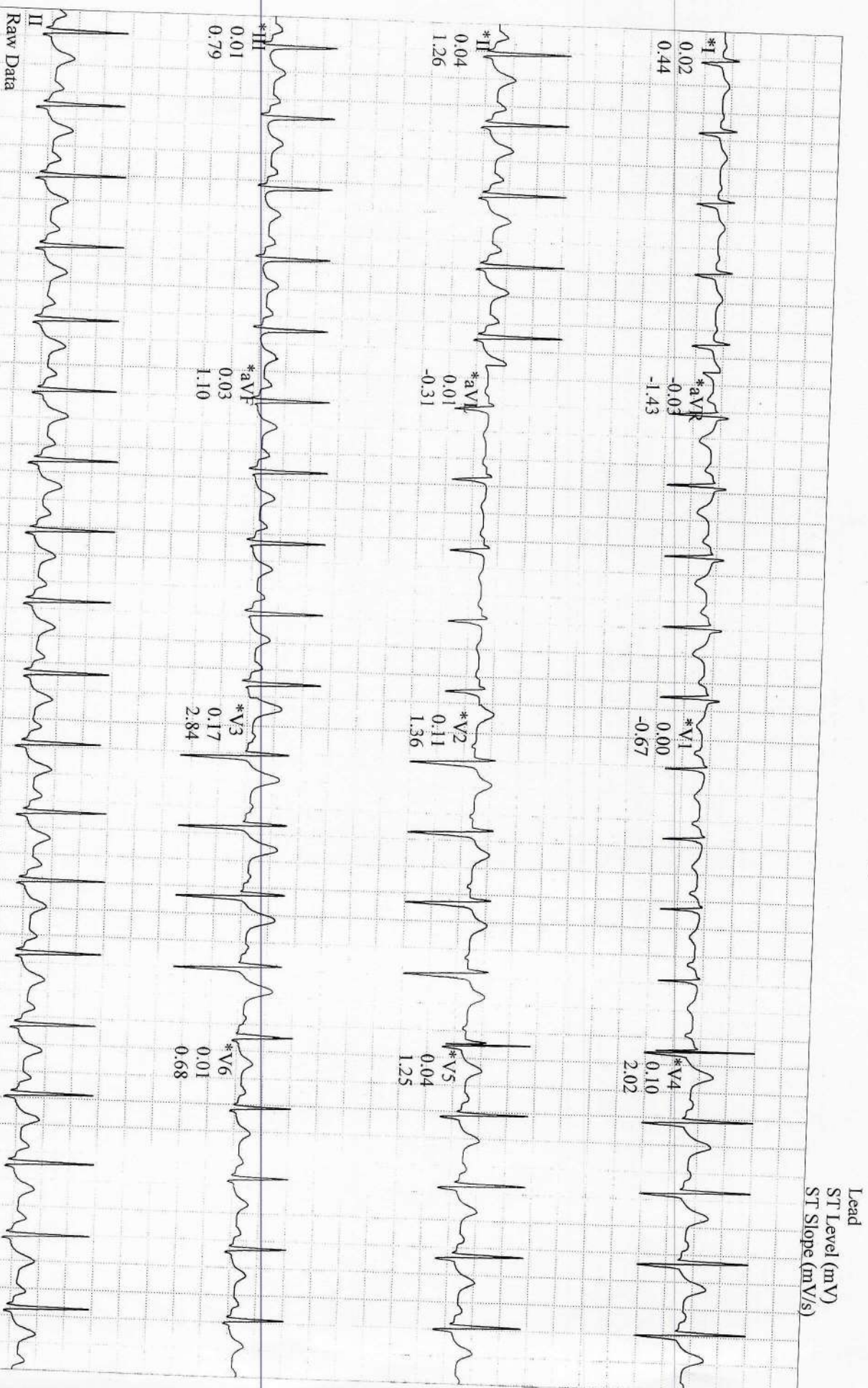
Start of Test: 12:17:51

MR. MOHD ADAM MALIK,
 Patient ID CMAN.0027247
 01/13/2024
 12:30:11pm

Linked Medians
 RECOVERY #1
 116 bpm
 120/80 mmHg
 03:00

BRUCE
 0.0 mph
 0.0 %

APOLLO CLINIC



GE CardioSoft V6.73 (2)
 25 mm/s 10 mm/mV 50Hz 0.01Hz FRF+ HR(V4,II)

*Computer Synthesized Rhythms

Start of Test: 12-17-51pm

MIR.MOHD ADAM MALIK,

Patient ID CMAN.0027247

01/13/2024 Male 168 cm 71 kg

12:17:51pm 35yrs Asian

Meds:

Test Reason:

Medical History:

Ref. MD: Ordering MD:

Technician: Test Type:

Comment:

Tabular Summary

APOLLO CLINIC

BRUCE: Total Exercise Time 09:02
 Max HR: 162 bpm 87% of max predicted 185 bpm HR at rest: 107
 Max BP: 120/80 mmHg BP at rest: 110/80 Max RPP: 19200 mmHg*²bpm
 Maximum Workload: 10.10 METS
 Max. ST: -0.07 mV, 0.00 mV/s in III; EXERCISE STAGE 3 08:29
 ST/HR index: 0.80 μ V/bpm

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.

Phase Name	Stage Name	Time in Stage	Speed (mph)	Grade (%)	Workload (METs)	HR (bpm)	BP (mmHg)	RPP (mmHg* ² bpm)	VE (l/min)	ST Level (III mV)	Comment
PRETEST	SUPINE	00:08	0.00	0.00	1.0	105	110/80	11550	0	0.05	
	STANDING	00:10	0.00	0.00	1.0	100			0	0.05	
	STAGE 1	03:00	1.70	10.00	4.6	126			0	0.01	
	STAGE 2	03:00	2.50	12.00	7.0	148			0	-0.01	
EXERCISE	STAGE 3	03:00	3.40	14.00	10.1	162	120/80	19440	0	-0.04	
	STAGE 4	00:03	0.00	0.00	9.8	162			0	-0.05	
	RECOVERY	03:03	0.00	0.00	1.0	116	120/80	13920	0	0.01	

Normal - FMF,

[Signature]

The Apollo Clinic- Manikonda
PHYSICAL EXAMINATION FORM

DATE 13/01/24

UHID CMAA 27247

Name Mr. Mohd Adam
realpic

Age 35 y/M

Height Cms

Weight Kgs

Chest Measurement (in) Cm (Out) Cm

Waist Cm Hip

Pulse Bt/Mo BMI

BP mm/Hg SPO2

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

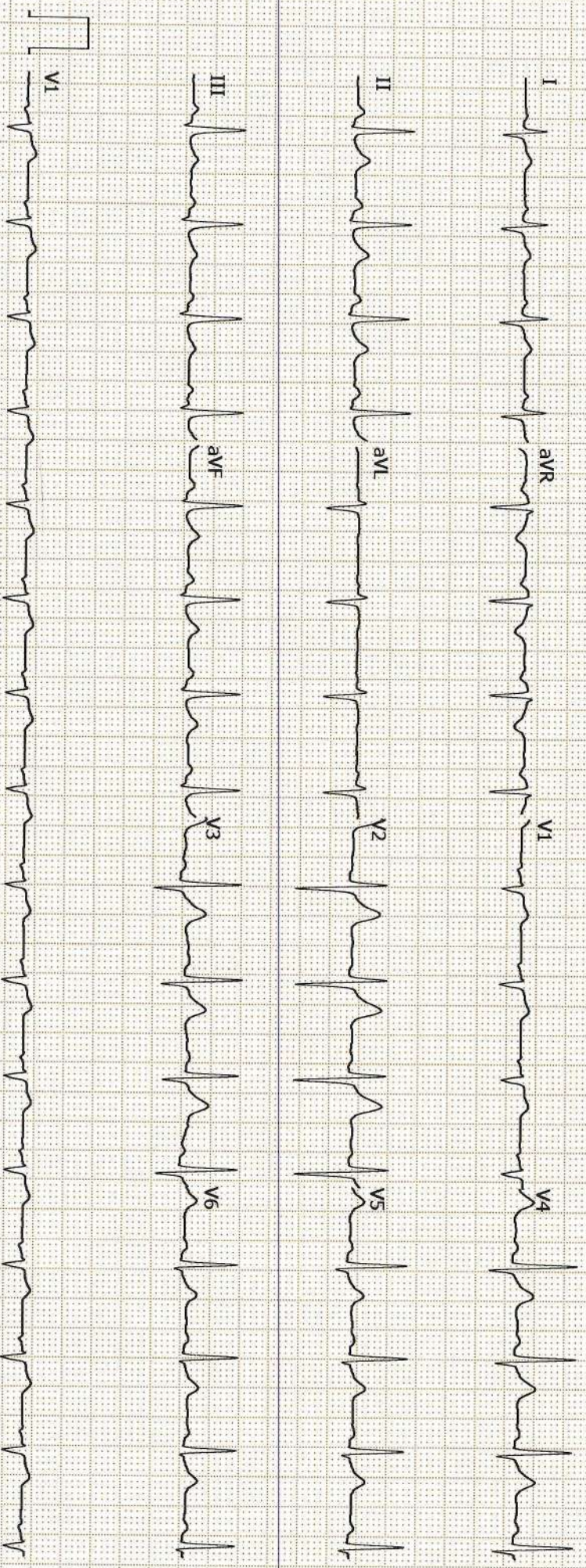
Location:
Order Number:
Visit:
Indication:
Medication 1:
Medication 2:
Medication 3:

Room:

94 bpm
--/-- mmHg

QRS : 80 ms
QT / QTcBaz : 330 / 412 ms
PR : 136 ms
P : 96 ms
RR / pp : 636 / 638 ms
P / QRS / T : 62 / 83 / 61 degrees

Normal sinus rhythm
Normal ECG



POWER PRESCRIPTION

NAME: Mr. Adar Malik

GENDER: M/F

DATE: 13/11/23

AGE: 35

UHID:

RIGHT EYE

LEFT EYE

	SPH	CYL	AXIS	VISION
DISTANCE	0.10	2.00	90	6/6
NEAR	—————			N/K

	SPH	CYL	AXIS	VISION
DISTANCE	0.10	2.00	70	6/6
NEAR	—————			N/K

INSTRUCTIONS:

Colour Vision Normal.



SIGNATURE

CERTIFICATE OF MEDICAL FITNESS

This is to certify that I have conducted the clinical examination

of Mr. Mohd Adam Malik on 15/01/24.

After reviewing the medical history and on clinical examination it has been found that he/she is

	Tick
<ul style="list-style-type: none"> • Medically Fit 	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> • Fit with restrictions/recommendations <p>Though following restrictions have been revealed, in my opinion, these are not impediments to the job.</p> <p>1.....</p> <p>2.....</p> <p>3.....</p> <p>However the employee should follow the advice/medication that has been communicated to him/her.</p> <p>Review after _____</p>	
<ul style="list-style-type: none"> • Currently Unfit. Review after _____ recommended 	
<ul style="list-style-type: none"> • Unfit 	


 Dr. _____
 Medical Officer
 The Apollo Clinic, (Location)

This certificate is not meant for medico-legal purposes

Apollo Health and Lifestyle Limited

(CIN - U85110TG2000PLC046089) Regd. Office: 7-1-617/A, 7th Floor, Imperial Towers, Ameerpet, Hyderabad-500016, Telangana. | Email ID: enquiry@apollohl.com

APOLLO CLINICS NETWORK TELANGANA & AP

Hyderabad (AS Rao Nagar | Chanda Nagar | Jubilee Hills | Kondapur | Manikonda | Nallakunta | Nizampet | Uppal)

Vizag (Seethamma Peta)

Online appointments: www.apolloclinic.com

TO BOOK AN APPOINTMENT

1860 500 7788

Patient Name : Mr. Mohd Adam Malik

Age/Gender : 35 Y/M

UHID/MR No. : CMAN.0000027247

OP Visit No : CMANOPV191673

Sample Collected on :

Reported on : 15-01-2024 15:27

LRN# : RAD2207737

Specimen :

Ref Doctor : SELF

Emp/Auth/TPA ID : 110696

DEPARTMENT OF RADIOLOGY

X-RAY CHEST PA

Cardia is normal .

Both lung fields and hila are normal .

No obvious active pleuro-parenchymal lesion seen .

Both costophrenic and cardiophrenic angles are clear .

Both diaphragms are normal in position and contour .

Thoracic wall and soft tissues appear normal.

CONCLUSION :

No obvious abnormality seen



Dr. MD RAHEEMUDDIN QURESHI
Radiology

Patient Name : Mr. Mohd Adam Malik

Age/Gender : 35 Y/M

UHID/MR No. : CMAN.0000027247

OP Visit No : CMANOPV191673

Sample Collected on :

Reported on : 13-01-2024 20:07

LRN# : RAD2207737

Specimen :

Ref Doctor : SELF

Emp/Auth/TPA ID : 110696

DEPARTMENT OF RADIOLOGY

ULTRASOUND - WHOLE ABDOMEN

Liver appears normal in size and increased echotexture. No focal lesion is seen. PV and CBD normal. No dilatation of the intrahepatic biliary radicals.

Gall bladder is well distended. No evidence of calculus. Wall thickness appears normal. No evidence of periGB collection. No evidence of focal lesion is seen.

Spleen appears normal. No focal lesion seen. Splenic vein appears normal.

Pancreas appears normal in echopattern. No focal/mass lesion/calcification. No evidence of peripancreatic free fluid or collection. Pancreatic duct appears normal.

Both the kidneys appear normal in size, shape and echopattern. Cortical thickness and CM differentiation are maintained. No calculus / hydronephrosis seen on either side.

Urinary Bladder is well distended and appears normal. No evidence of any wall thickening or abnormality. No evidence of any intrinsic or extrinsic bladder abnormality detected.

Prostate is normal in size 22 cc and echo texture.No evidence of necrosis/calcification seen.

IMPRESSION:-

- **GRADE-I FATTY LIVER .**

Suggest – clinical correlation.

(The sonography findings should always be considered in correlation with the clinical and other investigation finding where applicable.) It is only a professional opinion, Not valid for medico legal purpose.



Patient Name : Mr. Mohd Adam Malik

Age/Gender : 35 Y/M

MBBS,DNB(RADIO DIAGNOSIS)

Radiology

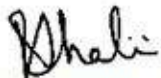
Patient Name : Mr.MOHD ADAM MALIK	Collected : 13/Jan/2024 09:55AM
Age/Gender : 35 Y 7 M 29 D/M	Received : 13/Jan/2024 01:04PM
UHID/MR No : CMAN.0000027247	Reported : 13/Jan/2024 02:19PM
Visit ID : CMANOPV191673	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 110696	

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	16.5	g/dL	13-17	Spectrophotometer
PCV	48.40	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.55	Million/cu.mm	4.5-5.5	Electrical Impedance
MCV	87.1	fL	83-101	Calculated
MCH	29.6	pg	27-32	Calculated
MCHC	34	g/dL	31.5-34.5	Calculated
R.D.W	14.6	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	9,620	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (DLC)				
NEUTROPHILS	55.3	%	40-80	Electrical Impedance
LYMPHOCYTES	33.4	%	20-40	Electrical Impedance
EOSINOPHILS	4.4	%	1-6	Electrical Impedance
MONOCYTES	6.3	%	2-10	Electrical Impedance
BASOPHILS	0.6	%	0-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	5319.86	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	3213.08	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	423.28	Cells/cu.mm	20-500	Calculated
MONOCYTES	606.06	Cells/cu.mm	200-1000	Calculated
BASOPHILS	57.72	Cells/cu.mm	0-100	Calculated
PLATELET COUNT	262000	cells/cu.mm	150000-410000	Electrical impedance
ERYTHROCYTE SEDIMENTATION RATE (ESR)	2	mm at the end of 1 hour	0-15	Modified Westergren
PERIPHERAL SMEAR				

RBC NORMOCYTIC NORMOCHROMIC
WBC WITHIN NORMAL LIMITS
PLATELETS ARE ADEQUATE ON SMEAR
NO HEMOPARASITES SEEN



Dr.R.SHALINI
M.B.B.S.,M.D(Pathology)
Consultant Pathologist

SIN No:BED240009585

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad



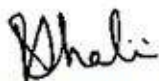
Patient Name : Mr.MOHD ADAM MALIK
Age/Gender : 35 Y 7 M 29 D/M
UHID/MR No : CMAN.0000027247
Visit ID : CMANOPV191673
Ref Doctor : Dr.SELF
Emp/Auth/TPA ID : 110696

Collected : 13/Jan/2024 09:55AM
Received : 13/Jan/2024 01:04PM
Reported : 13/Jan/2024 02:19PM
Status : Final Report
Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

IMPRESSION: NORMOCYTIC NORMOCHROMIC BLOOD PICTURE



Dr.R.SHALINI
M.B.B.S,M.D(Pathology)
Consultant Pathologist

SIN No:BED240009585

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Page 2 of 18
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



Patient Name	: Mr.MOHD ADAM MALIK	Collected	: 13/Jan/2024 09:55AM
Age/Gender	: 35 Y 7 M 29 D/M	Received	: 13/Jan/2024 01:04PM
UHID/MR No	: CMAN.0000027247	Reported	: 13/Jan/2024 04:32PM
Visit ID	: CMANOPV191673	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 110696		

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

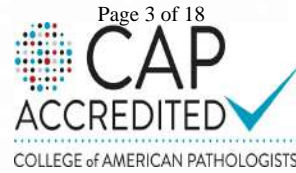
Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA				
BLOOD GROUP TYPE	B			Microplate technology
Rh TYPE	Positive			Microplate technology



Dr.KASULA SIDDARTHA
M.B.B.S,DNB(Pathology)
Consultant Pathologist

SIN No:BED240009585

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad



Patient Name : Mr.MOHD ADAM MALIK	Collected : 13/Jan/2024 09:55AM
Age/Gender : 35 Y 7 M 29 D/M	Received : 13/Jan/2024 01:08PM
UHID/MR No : CMAN.0000027247	Reported : 13/Jan/2024 02:51PM
Visit ID : CMANOPV191673	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 110696	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , NAF PLASMA	92	mg/dL	70-100	GOD - POD

Comment:

As per American Diabetes Guidelines, 2023

Fasting Glucose Values in mg/dL	Interpretation
70-100 mg/dL	Normal
100-125 mg/dL	Prediabetes
≥126 mg/dL	Diabetes
<70 mg/dL	Hypoglycemia

Note:

- The diagnosis of Diabetes requires a fasting plasma glucose of $>$ or $=$ 126 mg/dL and/or a random / 2 hr post glucose value of $>$ or $=$ 200 mg/dL on at least 2 occasions.
- Very high glucose levels ($>$ 450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS , SODIUM FLUORIDE PLASMA (2 HR)	85	mg/dL	70-140	HEXOKINASE

Comment:

It is recommended that FBS and PPBS should be interpreted with respect to their Biological reference ranges and not with each other.

Conditions which may lead to lower postprandial glucose levels as compared to fasting glucose levels may be due to reactive hypoglycemia, dietary meal content, duration or timing of sampling after food digestion and absorption, medications such as insulin preparations, sulfonylureas, amylin analogues, or conditions such as overproduction of insulin.

Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA				
HBA1C, GLYCATED HEMOGLOBIN	5.6	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	114	mg/dL		Calculated



Dr.E.Maruthi Prasad
PhD (Biochemistry)
Consultant biochemist

SIN No:EDT240004094

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad



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Visit ID : CMANOPV191673	Status : Final Report
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Emp/Auth/TPA ID : 110696	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Comment:

Reference Range as per American Diabetes Association (ADA) 2023 Guidelines:

REFERENCE GROUP	HbA1C %
NON DIABETIC	<5.7
PREDIABETES	5.7 – 6.4
DIABETES	≥ 6.5
DIABETICS	
EXCELLENT CONTROL	6 – 7
FAIR TO GOOD CONTROL	7 – 8
UNSATISFACTORY CONTROL	8 – 10
POOR CONTROL	>10

Note: Dietary preparation or fasting is not required.

- HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic Control by American Diabetes Association guidelines 2023.
- Trends in HbA1C values is a better indicator of Glycemic control than a single test.
- Low HbA1C in Non-Diabetic patients are associated with Anemia (Iron Deficiency/Hemolytic), Liver Disorders, Chronic Kidney Disease. Clinical Correlation is advised in interpretation of low Values.
- Falsely low HbA1c (below 4%) may be observed in patients with clinical conditions that shorten erythrocyte life span or decrease mean erythrocyte age. HbA1c may not accurately reflect glycemic control when clinical conditions that affect erythrocyte survival are present.
- In cases of Interference of Hemoglobin variants in HbA1C, alternative methods (Fructosamine) estimation is recommended for Glycemic Control
 - A: HbF >25%
 - B: Homozygous Hemoglobinopathy.
 (Hb Electrophoresis is recommended method for detection of Hemoglobinopathy)



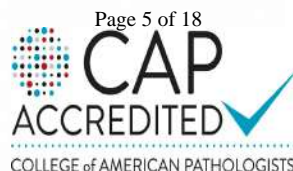
Dr.E.Maruthi Prasad
PhD (Biochemistry)
Consultant biochemist

SIN No:EDT240004094

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Apollo Health and Lifestyle Limited (CIN - U85110TG2000PLC115819)
Regd. Office: 1-10-60/62, Ashoka Raghupathi Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016 |
www.apollohl.com | Email ID: enquiry@apollohl.com, Ph No: 040-4904 7777, Fax No: 4904 7744

Address:
Door No : 8-1-284/OU/439 & 8-1-284/OU/440, O. U. Colony, Manikonda
Road, Shaikpet., Manikonda, Hyderabad, Telangana, India - 500008



Patient Name : Mr.MOHD ADAM MALIK	Collected : 13/Jan/2024 09:55AM
Age/Gender : 35 Y 7 M 29 D/M	Received : 13/Jan/2024 01:08PM
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Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 110696	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

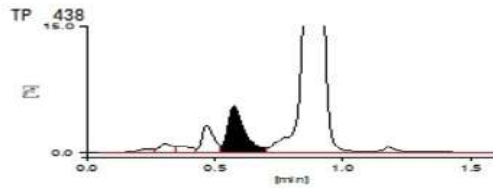
Chromatogram Report

1 V5.28.1 2024-01-13 13:47:43
 ID EDT240004094
 Sample No. 01130097 SL 0002 - 01
 Patient ID
 Name
 Comment

GALIB Name	%	Time	Area
ATA	0.4	0.24	6.79
A1B	0.7	0.31	10.98
F	0.6	0.37	8.87
LA1C+	1.8	0.47	29.13
SA1C	5.6	0.57	70.32
AO	92.6	0.88	1462.68
H-V0			
H-V1			
H-V2			

Total Area 1588.77

HbA1c 5.6 % IFCC 38 mmol/mol
 HbA1 6.7 % HbF 0.6 %



13-01-2024 14:39:45 APOLLO

APOLLO DIAGNOSTICS GLOBAL
BALNAGAR

1 / 1



Dr.E.Maruthi Prasad
 PhD (Biochemistry)
 Consultant biochemist

SIN No:EDT240004094

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Apollo Health and Lifestyle Limited (CIN - U85110TG2000PLC115819)

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Patient Name	: Mr.MOHD ADAM MALIK	Collected	: 13/Jan/2024 09:55AM
Age/Gender	: 35 Y 7 M 29 D/M	Received	: 13/Jan/2024 01:08PM
UHID/MR No	: CMAN.0000027247	Reported	: 13/Jan/2024 02:51PM
Visit ID	: CMANOPV191673	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 110696		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Maruthi...

Dr.E.Maruthi Prasad
PhD (Biochemistry)
Consultant biochemist

SIN No:EDT240004094

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

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Age/Gender : 35 Y 7 M 29 D/M	Received : 13/Jan/2024 01:17PM
UHID/MR No : CMAN.0000027247	Reported : 13/Jan/2024 02:05PM
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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID PROFILE , SERUM				
TOTAL CHOLESTEROL	130	mg/dL	<200	CHO-POD
TRIGLYCERIDES	55	mg/dL	<150	GPO-POD
HDL CHOLESTEROL	41	mg/dL	40-60	Enzymatic Immunoinhibition
NON-HDL CHOLESTEROL	89	mg/dL	<130	Calculated
LDL CHOLESTEROL	78	mg/dL	<100	Calculated
VLDL CHOLESTEROL	11	mg/dL	<30	Calculated
CHOL / HDL RATIO	3.17		0-4.97	Calculated

Comment:

Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

	Desirable	Borderline High	High	Very High
TOTAL CHOLESTEROL	< 200	200 - 239	≥ 240	
TRIGLYCERIDES	<150	150 - 199	200 - 499	≥ 500
LDL	Optimal < 100 Near Optimal 100-129	130 - 159	160 - 189	≥ 190
HDL	≥ 60			
NON-HDL CHOLESTEROL	Optimal <130; Above Optimal 130-159	160-189	190-219	>220

- Measurements in the same patient on different days can show physiological and analytical variations.
- NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.
- Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine eligibility of drug therapy.
- Low HDL levels are associated with Coronary Heart Disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
- As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.
- VLDL, LDL Cholesterol Non HDL Cholesterol, CHOL/HDL RATIO, LDL/HDL RATIO are calculated parameters when Triglycerides are below 350mg/dl. When Triglycerides are more than 350 mg/dl LDL cholesterol is a direct measurement.



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ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Maruthi...

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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	1.12	mg/dL	0.3-1.2	DPD
BILIRUBIN CONJUGATED (DIRECT)	0.21	mg/dL	<0.2	DPD
BILIRUBIN (INDIRECT)	0.91	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	25	U/L	<50	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	22.0	U/L	<50	IFCC
ALKALINE PHOSPHATASE	70.00	U/L	30-120	IFCC
PROTEIN, TOTAL	7.55	g/dL	6.6-8.3	Biuret
ALBUMIN	4.60	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	2.95	g/dL	2.0-3.5	Calculated
A/G RATIO	1.56		0.9-2.0	Calculated

Comment:

LFT results reflect different aspects of the health of the liver, i.e., hepatocyte integrity (AST & ALT), synthesis and secretion of bile (Bilirubin, ALP), cholestasis (ALP, GGT), protein synthesis (Albumin)

Common patterns seen:

1. Hepatocellular Injury:

- AST – Elevated levels can be seen. However, it is not specific to liver and can be raised in cardiac and skeletal injuries.
- ALT – Elevated levels indicate hepatocellular damage. It is considered to be most specific lab test for hepatocellular injury. Values also correlate well with increasing BMI.
- Disproportionate increase in AST, ALT compared with ALP.
- Bilirubin may be elevated.
- AST: ALT (ratio) – In case of hepatocellular injury AST: ALT > 1 In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilson's's diseases, Cirrhosis, but the increase is usually not >2.

2. Cholestatic Pattern:

- ALP – Disproportionate increase in ALP compared with AST, ALT.
- Bilirubin may be elevated.
- ALP elevation also seen in pregnancy, impacted by age and sex.
- To establish the hepatic origin correlation with GGT helps. If GGT elevated indicates hepatic cause of increased ALP.

3. Synthetic function impairment:

- Albumin- Liver disease reduces albumin levels.



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Consultant biochemist

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- Correlation with PT (Prothrombin Time) helps.



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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM				
CREATININE	1.03	mg/dL	0.84 - 1.25	Modified Jaffe, Kinetic
UREA	19.10	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	8.9	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.70	mg/dL	3.5-7.2	Uricase PAP
CALCIUM	9.75	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	3.11	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	138	mmol/L	136-146	ISE (Indirect)
POTASSIUM	4.5	mmol/L	3.5-5.1	ISE (Indirect)
CHLORIDE	104	mmol/L	101-109	ISE (Indirect)

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Patient Name : Mr.MOHD ADAM MALIK	Collected : 13/Jan/2024 09:55AM
Age/Gender : 35 Y 7 M 29 D/M	Received : 13/Jan/2024 01:17PM
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Emp/Auth/TPA ID : 110696	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	31.00	U/L	<55	IFCC

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Age/Gender : 35 Y 7 M 29 D/M	Received : 13/Jan/2024 01:17PM
UHID/MR No : CMAN.0000027247	Reported : 13/Jan/2024 03:01PM
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DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM				
TRI-iodothyronine (T3, TOTAL)	1.17	ng/mL	0.87-1.78	CLIA
THYROXINE (T4, TOTAL)	9.25	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	1.590	µIU/mL	0.38-5.33	CLIA

Comment:

For pregnant females	Bio Ref Range for TSH in uIU/ml (As per American Thyroid Association)
First trimester	0.1 - 2.5
Second trimester	0.2 - 3.0
Third trimester	0.3 - 3.0

- TSH is a glycoprotein hormone secreted by the anterior pituitary. TSH activates production of T3 (Triiodothyronine) and its prohormone T4 (Thyroxine). Increased blood level of T3 and T4 inhibit production of TSH.
- TSH is elevated in primary hypothyroidism and will be low in primary hyperthyroidism. Elevated or low TSH in the context of normal free thyroxine is often referred to as sub-clinical hypo- or hyperthyroidism respectively.
- Both T4 & T3 provides limited clinical information as both are highly bound to proteins in circulation and reflects mostly inactive hormone. Only a very small fraction of circulating hormone is free and biologically active.
- Significant variations in TSH can occur with circadian rhythm, hormonal status, stress, sleep deprivation, medication & circulating antibodies.

TSH	T3	T4	FT4	Conditions
High	Low	Low	Low	Primary Hypothyroidism, Post Thyroidectomy, Chronic Autoimmune Thyroiditis
High	N	N	N	Subclinical Hypothyroidism, Autoimmune Thyroiditis, Insufficient Hormone Replacement Therapy.
N/Low	Low	Low	Low	Secondary and Tertiary Hypothyroidism
Low	High	High	High	Primary Hyperthyroidism, Goitre, Thyroiditis, Drug effects, Early Pregnancy
Low	N	N	N	Subclinical Hyperthyroidism
Low	Low	Low	Low	Central Hypothyroidism, Treatment with Hyperthyroidism
Low	N	High	High	Thyroiditis, Interfering Antibodies
N/Low	High	N	N	T3 Thyrotoxicosis, Non thyroidal causes
High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma



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Telangana: Hyderabad (AS Rao Nagar | Chanda Nagar | Kondapur | Nallakunta | Nizampet | Manikonda | Uppal) Andhra Pradesh: Vizag (Seethamma Peta) Karnataka: Bangalore (Basavanagudi | Bellandur | Electronics City | Fraser Town | HSR Layout | Indira Nagar | JP Nagar | Kundalahalli | Koramangala | Sarjapur Road) Mysore (VV Mohalla) Tamilnadu: Chennai (Annanagar | Kotturpuram | Mogappair | T Nagar | Valasaravakkam | Velachery) Maharashtra: Pune (Aundh | Nigdi Pradhikaran | Virman Nagar | Wanowrie) Uttar Pradesh: Ghaziabad (Indrapuram) Gujarat: Ahmedabad (Satellite) Punjab: Amritsar (Court Road) Haryana: Faridabad (Railway Station Road)

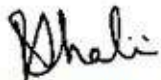
 **1860 500 7788**
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Patient Name : Mr.MOHD ADAM MALIK	Collected : 13/Jan/2024 09:55AM
Age/Gender : 35 Y 7 M 29 D/M	Received : 13/Jan/2024 01:42PM
UHID/MR No : CMAN.0000027247	Reported : 13/Jan/2024 03:26PM
Visit ID : CMANOPV191673	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 110696	

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
COMPLETE URINE EXAMINATION (CUE) , URINE				
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Visual
pH	5.5		5-7.5	Bromothymol Blue
SP. GRAVITY	1.020		1.002-1.030	Bromothymol Blue
BIOCHEMICAL EXAMINATION				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GOD - POD
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	SODIUM NITRO PRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	EHRlich
BLOOD	NEGATIVE		NEGATIVE	Peroxidase
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	PYRROLE HYDROLYSIS
CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY				
PUS CELLS	2-3	/hpf	0-5	Microscopy
EPITHELIAL CELLS	1-2	/hpf	<10	MICROSCOPY
RBC	NIL	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY



Dr. R. SHALINI
M.B.B.S., M.D (Pathology)
Consultant Pathologist

SIN No: UR2262277

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory, Hyderabad



Patient Name : Mr.MOHD ADAM MALIK	Collected : 13/Jan/2024 12:48PM
Age/Gender : 35 Y 7 M 29 D/M	Received : 14/Jan/2024 09:36AM
UHID/MR No : CMAN.0000027247	Reported : 14/Jan/2024 02:02PM
Visit ID : CMANOPV191673	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 110696	

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
URINE GLUCOSE(POST PRANDIAL)	NEGATIVE		NEGATIVE	Dipstick



Dr.KASULA SIDDARTHA
M.B.B.S,DNB(Pathology)
Consultant Pathologist



SIN No:UPP016186

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name : Mr.MOHD ADAM MALIK	Collected : 13/Jan/2024 09:55AM
Age/Gender : 35 Y 7 M 29 D/M	Received : 13/Jan/2024 01:41PM
UHID/MR No : CMAN.0000027247	Reported : 13/Jan/2024 03:22PM
Visit ID : CMANOPV191673	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 110696	

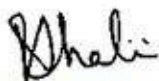
DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
URINE GLUCOSE(FASTING)	NEGATIVE		NEGATIVE	Dipstick

*** End Of Report ***

Result/s to Follow:
PERIPHERAL SMEAR



Dr.R.SHALINI
M.B.B.S,M.D(Pathology)
Consultant Pathologist

SIN No:UF010187

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

