

HEALTH CHECK UP

Name : Lal Ratnagar

Date : 10-9-2022

Age : 31

Sex : Male / Female

Marital status : Married / Single

PERSONAL HISTORY

Habits : Smoking / Tobacco & Snuff / Alcohol NA

Drug allergy if any : No

Medical :

Surgical :

Height 167 cm Weight 70 Kg. BP 110/90 Pulse 70/mt

Vision : Rt 6/6 Lt 6/6 With Spectacles Rt. Lt.

Colour Vision : Normal / Abnormal Near Vision N.G. RE

FAMILY HISTORY

Father Mother Siblings

CVS : Heart Sound Normal Murmurs Absent Thrills Absent

RS : Rate /mt Breath sounds Normal Adventitious Absent

ABDOMEN : Tenderness Absent Rigidity Absent Bowel sound Normal

Liver NAD Kidney NAD Hernia Absent

CNS : Cranial Nerves NAD Sensory System..... NAD Motor System..... NAD

ENT NAD

Remarks

Dr. Bharti Jeswani
MBBS

Dr. Seema Kale
MBBS, MD

Dr. S. K. Suri
MBBS

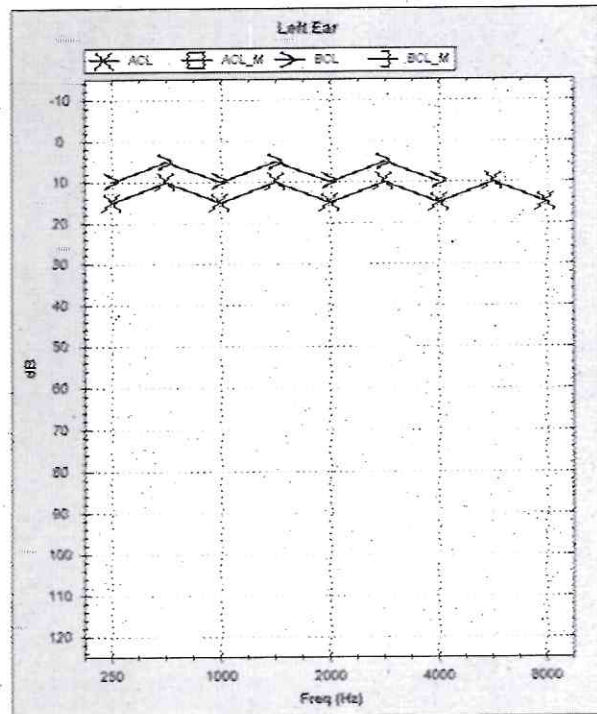
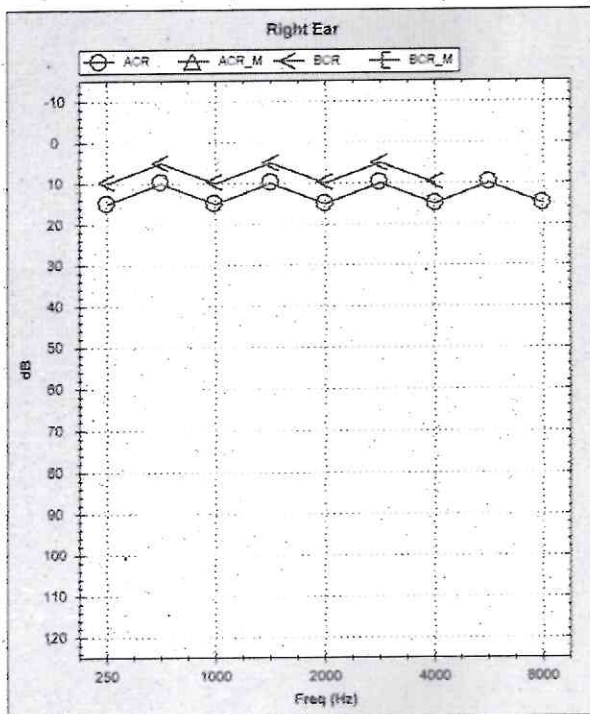
Dr. Meenakshi
MBBS

HOME SAMPLE COLLECTION FACILITY AVAILABLE

Audiometric Evaluation Report

Patient: Lal Ratnakar Male 31 Years 1 Month Session Date : 10-09-2022 15:49:42	Audiometry conducted by: Dr Seema Kale Apollo Clinic C-70, Rajouri Garden New Delhi_110027
Comments: B/I hearing test within normal limits	

THE APOLLO CLINIC
 Authorised Signatory
 Dr. Seema Kale
 M.B.B.S. No. 1004927-71
 DMC Reg. No. 1504927-71



• CLINICAL CORRELATION IS ESSENTIAL FOR FINAL DIAGNOSIS. • IF THE TESTS RESULTS ARE UNEXPECTED PLEASE CONTACT THE LABORATORY.
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 Phone : (011) 2591 8222 / 8333 / 8444, 9811061009, E-mail : rajourigarden@theapolloclinic.com, Website : www.apolloclinicrajourigarden.com

MSME UAM NO. : DL11E0021531

NAME: MR LAL RATNAKAR
REF :

AGE : 31YRS/M
DATE : 10/09/2022

ECHO ADULT (COLOUR DOPPLER)

DIMENSIONS	NORMAL	DIMENSIONS	NORMAL
AO (ed) 29.0 mm	(1.5 cm/m ²)	IVS (Ed) 7.5 mm	(0.6-1.2cm)
LA (es) 31.0 mm	(1.5 cm/m ²)	LVPW (Ed) 8.0 mm	(.6-1.1cm)
RVID (ed) Normal	(0.9cm/m ²)	EF	65.0 % (0.62-0.85)
LVID (ed) 45.0 mm	(2.6-3.4 cm/m ²)	FS	30.0
LVID (es) 24.0 mm			

MORPHOLOGICAL DATA

Mitral Valve	Normal	Interatrial Septum	Normal
Aortic Valve	Normal	Interventricular Septum	Normal
Tricuspid Valve	Normal	Pulmonary Artery	Normal
Pulmonary Valve	Normal	Aorta	Normal
Right Ventricle	Normal	Right Atrium	Normal
Left Ventricle	Normal	Left Atrium	Normal
Pericardium	Normal		

Colour Doppler NORMAL, NO PAH, IVC NORMAL., LV DIASTOLIC FUNCTION NORMAL.

Wall motion Normal

IMPRESSION : NORMAL STUDY.


DR SEEMA KALE
SEN. CONSULTANT

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Name : MR LAL RATNAKAR
Ref

Age: 31 YRS/ M
Date 10/09/2022

TMT (Tread Mill / Stress Test)

Result : The pre exercise ECG was normal with no significant ST-T segment changes. During peak exercise & recovery there were no significant ST-T change seen. Person could exercise for 07 min. 47 sec on the Bruce protocol & achieved a workload of 14.57 mets.

He/She attained a peak heart rate of 174 beats/minute which is 92% of the predicted maximum heart rate. The exercise was terminated owing to THR. There was no classical angina and no arrhythmia. Clinically the blood pressure response was normal [150/80] and there was no S3 S4 gallop in the recovery period.

IMPRESSION: - NORMAL EXERCISE TOLERANCE.
NORMAL HEMODYNAMIC RESPONSE.
TMT IS NEGATIVE FOR PROVOCABLE
ISCHAEMIA


Dr. SEEMA KALE
SEN. PHYSICIAN

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MSME UAM NO. : DL11E0021531

DEPARTMENT OF LABORATORY MEDICINE

Name MR. LAL RATNAKAR Age 31 Yrs. Sex Male
 Date 10/09/2022 Home Coll. Dt/Time Ref. No. 20-21/4494
 Refd. by. Reporting Date/Time 10/09/2022 Srl. No. 1014

HAEMATOLOGY TEST REPORT

Test Name	Observed Value	Unit	Bio. Reference Range
<u>CBC (Hb,PCV,TLC,DLC,Plat C)</u>			
Hb (Haemoglobin) Non cyanide analysis : EDTA	13.3	gm/dl	13.0 - 17.0
PCV / Haematocrit RBC pulse height detect : EDTA	41.0	%	40 - 50
ESR Westergren's Method : Citrate	09	mm/Ist hr.	0 - 20
TLC DC detection method : EDTA	5,000	/cumm.	4000 - 10000
Platelet Count DC detection method : EDTA	1.78	Lakh/cmm	1.5 - 4.1
RBC Count DC detection method : EDTA	4.5	Millions/cmm	4.5 - 5.5
MCV(Derived)	89.9	fl	83 - 101
MCH(Derived)	29.2	pg	27 - 32
MCHC(Derived)	32.4	gm/dl	31.5 - 34.5
<u>Differential Leucocyte Count</u>			
Neutrophil	63	%	40 - 70
Lymphocytes	35	%	20 - 40
Eosinophil	02	%	01 - 06
Blood Group -ABO Tube Agglutination : EDTA	"B"		
Blood Group Rh Tube agglutination : EDTA	Positive		
***** End of Report *****			

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HbA1C (Glycosylated Haemoglobin) 5.2 % 4.2 - 6.0
Boronate affinity assay : EDTA
Good Control : 6.0-7.0.
Bad Control : 7.0-8.0.
Poor Control : >8.

***** End of Report *****


Technician / Technologist

Technician / Technologist

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BIOCHEMISTRY TEST REPORT

Merilyzer AutoQuant 400

Test Name	Observed Value	Unit	Bio. Reference Range
Blood Sugar (Glucose)-Fasting Sample - Fluoride, Method:GOD-POD.	86	mg /dl	70 - 110
Blood Sugar (Glucose)-Post Prandial Sample: Sodium Fluoride; Method/Technology:GOD-PODMethod, End Point.	95	mg/dl	70 - 140

***** End of Report *****

Technician/Technologist

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DEPARTMENT OF LABORATORY MEDICINE

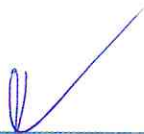
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BIOCHEMISTRY TEST REPORT

Merilyzer AutoQuant 400

Test Name	Observed Value Value	Unit	Bio. Refrence Range
Cholesterol-serum Sample- Plain; Method-CHOD-PAP	194	mg/dL	120 - 240
Triglycerides-serum Sample- Plain; Method- GPO-PAP	* 214	mg/dL	50 - 200
HDL-Cholesterol-serum Sample- Plain; Method-Direct	45.7	mg/dL	30 - 50
VLDL-Cholesterol-serum Derived	* 42.8	mg/dL	10 - 40
LDL(Cholesterol)-serum Sample- Plain; Method-Direct/Calculated	* 105.5	mg/dL	60 - 100
Cholesterol / HDL Ratio-serum Derived	4.2		0.0 - 4.5

***** End of Report *****




CLINICAL LABORATORY FOR FINAL DIAGNOSIS. Page 3 THE TESTS RESULTS ARE UNEXPECTED PLEASE CONTACT THE LABORATORY. Dr. Prashant Purwar
 ALL THE CONGENITAL ANAMOLIES IN THE FETUS MAY NOT BE DIAGNOSED IN ULTRASONOGRAPHY. • THIS REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. Consultant Pathologist

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BIOCHEMISTRY TEST REPORT

Merilyzer AutoQuant 400

Test Name	Observed Value	Unit	Bio. Reference Range
<u>LFT(Liver Function Test</u>			
Bilirubin (Total)-serum Sample: Plain; Method/Technology: Diazo Method, Photometry.	0.82	mg/dl	0.1 - 1.3
Bilirubin (Direct)-serum Sample: Plain; Method / Technology: Diazo Method, Photometry.	0.13	mg/dl	0.0 - 0.3
Indirect Bilirubin - serum Derived	0.69	mg/dl	0.0 - 1.1
SGOT (AST)-serum Sample: Plain; Method / Technology: IFCC without Pyridoxal Phosphate/Kinetic.	33.6	IU/L	0 - 35
SGPT (ALT)-serum Sample: Plain; Method / Technol: IFCC without Pyridoxal Phosphate/Kinetic.	* 60.2	IU/L	0 - 45
Alkaline Phosphatase-serum Sample: Plain; Method/Technology: AMP Buffer/Kinetic.	71.9	U/L	30 - 117
G G T P - serum Sample: plain; Method / Technology: Szaz Method/Photometry.	* 69.7	U/L	10.0 - 50.0
Protein Total - serum Sample: Plain; Method / Technology: Biuret Method / Photometry	7.7	gm/dl	5.8 - 8.0
Albumin-serum Sample: Plain; Method/Technology: BCG Method, Photometry.	4.5	gm/dl	3.7 - 5.2
Globulin-serum Derived	3.2	gm/dl	2.5 - 3.5
A/G Ratio-serum Derived	1.4		1.2 - 2.0

Technician / Technologist



CLINICAL CORRELATION IS ESSENTIAL FOR FINAL DIAGNOSIS. Page 14 THE TESTS RESULTS ARE UNEXPECTED PLEASE CONSULT YOUR PHYSICIAN FOR MEDICAL PURPOSE.
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Blood Urea 16.2 mg/dl 10 - 50

Nature of Sample (LFT): Plain
Technologies Used :
BILT - Method / Technology: Diazo Method , End Point.
BILD - Method / Technology: Diazo Method, End Point.
SGOT - Method / Technology: IFCC without Pyridoxal Phosphate / Kinetic.
SGPT - Method / Technology: IFCC without Pyridoxal Phosphate / Kinetic.
ALKP - Method: AMP Buffer Liquid Photometry/Kinetic.
GGT - Method / Technology: Glupa -C Method / Kinetic.
PROT - Method / Technology: Biuret Method / End Point.
ALB - Method / Technology: BCG Method, Colorimetric Assay.
GLOB - Method / Technology: Derived Values / Calculated.
A/ G Ratio - Method / Technology: Derived From The Values Of Albumin And Globulin / Calculated.

Creatinine-serum 0.98 mg/dl 0.5 - 1.3
Sample: Plain; Technology/Method: Jaffe Kinetic, Photometry.

Uric Acid-serum 5.3 mg/dl 3.5 - 7.2
Sample: Plain; Method/Technology: Uricase Enzymatic, Photometry.

Sodium (Na+) - serum 140.9 mmol/L 136.0 - 142.0
ISE

Potassium (K+) - serum 4.1 mmol/L 3.8 - 5.0
ISE

Chloride (Cl) - serum 97.3 mmol/L 95.0 - 103.0
ISE

Calcium-serum 9.3 mg/dl 9.2 - 11.0
Sample: Plain; Method/Technology: OCPC Method, Photometry.

Phosphorus-serum 3.0 mg/dl 2.3 - 4.7
Sample: Plain; Method / Technology: Molybdate UV, Photometry.

Albumin-serum 4.5 gm/dl 3.7 - 5.2
Sample: Plain; Method/Technology: BCG Method, Photometry.

Nature of Sample (KFT): Plain
Technologies Used :
B.Urea - Method / Technology : Urease End Point Photometry.
S. Creat - Method / Technology: Creatinine Jaffe Method, Kinetic, Photometry.

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DEPARTMENT OF LABORATORY MEDICINE

Name MR. LAL RATNAKAR

Age 31 Yrs.

Sex Male

Date 10/09/2022

Home Coll. Dt/Time

Ref. No. 20-21/4494

Refd. by.

Reporting Date/Time 10/09/2022

Srl. No. 1014

Uric Acid - Method / Technology: Uricase Colorimetric Test, Photometry.
S.Electrolytes: Method / Technology: ISE
Phosphorous:- Method / Technology : Molybdate UV, Photometry.
S.Calium: OCPC, Endpoint Photometry.
ALB - Method / Technology: BCG Method, Colorimetric Assay / Photometry.

***** End of Report *****

Technician/Technologist
Page 6
Dr. Prashant Purwar
Consultant Pathologist

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Name MR. LAL RATNAKAR Age 31 Yrs. Sex Male
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SPECIAL TEST REPORT

Test Name	Observed Value Value	Unit	Bio. Reference Range
Serum FT3 <i>Method: Immunofluorescence (Tosoh)</i>	4.0	pmol/l	3.2 - 5.9

Triiodothyronine T3 is a hormone produced by the thyroid and by conversion of T4 to T3. Free T3 is used in the diagnosis and monitoring of hyperthyroidism. Free T3 assays can differentiate most cases of nonthyroidal illness from TSH dependent hyperthyroidism.

Serum FT4 <i>Method: Immunofluorescence (Tosoh)</i>	14.3	pmol/l	10.6 - 21.0
--	------	--------	-------------

FT4 is the active fraction of tetraiodothyronine. FT4 increases in patients with hyperthyroidism, whereas it is decreased in patients of hypothyroidism. Patients on hormone replacement therapy may have an elevated FT4 levels. Values of FT4 may be used in conjunction of TSH levels.

Serum TSH <i>Method: Immunofluorescence (Tosoh)</i>	* 5.5	uIU / ml	0.25 - 5.0
--	-------	----------	------------

TSH is an early and sensitive indicator of decreased thyroid reserve. This assay helps to diagnose hypothyroidism and hyperthyroidism, monitors T4 replacement or T4 suppressive therapy and quantifies TSH levels in the subnormal range.

***** End of Report *****

DEPARTMENT OF LABORATORY MEDICINE

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 Date **10/09/2022** Home Coll. Dt/Time Ref. No. **20-21/4494**
 Refd. by. Reporting Date/Time **10/09/2022** Srl. No. **1014**

URINE EXAMINATION TEST REPORT

Test Name	Observed Value	Unit	Bio. Reference Range
<u>Urine R/M Examination</u>			
Quantity	45	ml.	
Colour	Pale Yellow		Pale Yellow
Tranparency	Clear		Clear
Urine Specific Gravity Dipstick	1.015		1.005 - 1.030
pH Dipstick / pH paper	6.0		5.5 - 7.5
<u>Chemical Examination</u>			
Protein Dipstick/Heat & acetic acid	Nil		Nil
Sugar Dipstick/Benedicts reagent	Nil		Nil
<u>Microscopic Examination</u>			
Pus Cells	1-2	/HPF	1-2
RBC'S	Nil	/HPF	Nil
Casts	Nil	/LPF	Nil
Crystals	Nil		Nil
Epithelial Cells	Occasional	/HPF	1-2
Bacteria	Nil	/HPF	Nil
Others	Nil		Nil

***** End of Report *****

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MSME UAM NO. : DL11E0021531

Patient Name : Mr. Lal Ratnakar

Age/Sex : 31 Y/M

Pres Doctor :

Ref. by :

MR No : FRAJ0000

Visit No : FRAJOPV

Bill Date : 10-09-2022

Report Date : 10-09-2022

X-RAY CHEST P A VIEW

- Both lung fields do not show any active parenchymal lesion.
- Both costophrenic angles are normal.
- B/L hila appear normal in size & density.
- Both domes of diaphragm are normal.
- Cardiac silhouette appears normal.
- Visualised soft tissues and bony cage appear normal.

IMPRESSION:- NORMAL STUDY.

To be correlated clinically.


Dr. V K Mutreja
Consultant Radiologist.

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MSME UAM NO. : DL11E0021531

Patient Name : Mr.Lal Ratnakar	MR No	: FRAJ0000
Age/Sex : 31 Y/M	Visit No	: FRAJOPV
Pres Doctor :	Bill Date	: 10-09-2022
Ref.by :	Report Date	: 10-09-2022

ULTRASOUND WHOLE ABDOMEN

LIVER: Liver is normal in shape, size and echotexture. No focal intra-hepatic lesion detected. Intra-hepatic biliary radicals are not dilated. Portal vein is normal in calibre.

GALL BLADDER: Gall bladder is well visualised. Its wall thickness is normal. No calculus or mass lesion is seen in gall bladder. Common bile duct is normal (not dilated).

PANCREAS: Pancreas appears normal in size and echopattern.
SPLEEN: Spleen appears normal in size and echopattern.

KIDNEYS: Both kidneys are normal in position, size and outline.
Right kidney measures ~ 9.9 x 3.9 cm. Left kidney measures ~ 10.2 x 4.2 cm.
Cortico-medullary differentiation of both kidneys is maintained.
Central sinus echoes are compact. No calculus / hydronephrosis seen.

Visualised parts of retroperitoneum do not show any lymphadenopathy.

URINARY BLADDER: Urinary bladder is well distended and shows clear contents.

PROSTATE: Prostate is normal in shape, size 3.3 x 3.4 x 2.6 cm (vol-16 cc) and echotexture.

No free fluid detected.

IMPRESSION:- NORMAL STUDY.

To be correlated clinically.


Dr. V K Mutreja
Consultant Radiologist.

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MSME UAM NO. : DL11E0021531

Mr. LAL RATNAKAR

Age/Sex 31/M

Ref by:

Indication1:

Indication2:

Indication3:

ID : 96

HWM /

Recorded : 10-9-2022 12.17

TREADMILL TEST SUMMARY REPORT

Protocol: BRUCE

History:

Medication1:

Medication2:

Medication3:

PHASE	PHASE TIME	STAGE TIME	SPEED (Km/Hr.)	GRADE (%)	H.R. (BPM)	B.P. (mmHg)	RPP X100	II	ST LEVEL (mm) V2	V5	METS
SUPINE	0:05	0:05			91	120/80	109	1.2	4.1	0.8	
HYPERVENT	0:05	0:05			111	120/80	133	1.0	4.1	0.8	
STAGE 1	1:29	1:29	2.70	10.00	113	130/80	146	1.0	4.4	0.7	2.39
STAGE 2	3:49	2:20	4.00	12.00	124	136/80	168	0.5	4.5	0.5	6.60
STAGE 3	5:38	1:44	5.40	14.00	137	140/80	191	0.1	4.4	0.2	8.78
STAGE 4	7:29	1:44	6.70	16.00	165	150/80	247	-0.7	4.1	-0.6	12.32
STAGE 5	7:44	0:14	8.00	18.00	171	150/80	256	-0.6	4.2	-0.4	14.47
PEAK EXER	7:47	0:17			174	150/80	261	-0.6	4.6	-0.6	14.57

RESULTS

Exercise Duration 7:47 Minutes
 Max Heart Rate 174 bpm 92 % of target heart rate 189 bpm
 Max Blood Pressure 150/80 mmHg
 Max Work Load 14.57 METS
 Reason of Termination

IMPRESSIONS

GOOD EFFORT TOLERANCE, NORMAL INOTROPIC AND CHRONOTROPIC RESPONSE.
 NO ANGINAL/ARRHYTHMIA/SIV DYSFUNCTION. NO SIGNIFICANT ST CHANGES AT PEAK OF TEST
 TEST IS NEGATIVE FOR EXERCISE INDUCED REVERSABLE ISCHEMIA

THE APOLLO CLINIC
 Rajouri Garden
 Dr. Seema Kale
 MBBS MD
 Pmc Reg. No-14927

Dr. SEEMA

APOLLO CLINIC

SUPINE
PRETEST

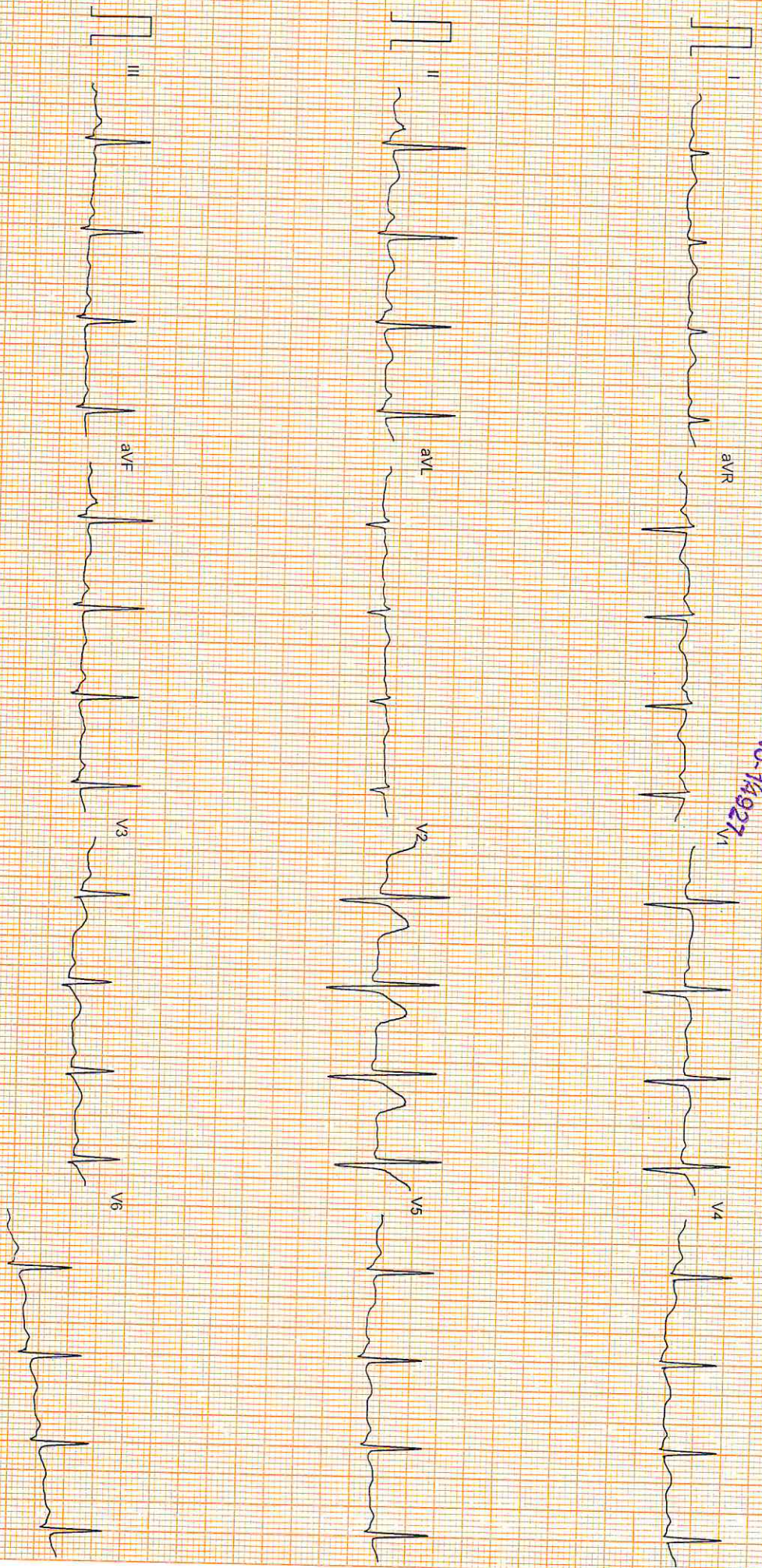
ST @ 10mm/mV
80ms PostJ

MR. LAL RATNAKAR
I.D. : 96
AGE/SEX : 31/M
RECORDED : 10-9-2022 12:17

RATE : 103 BPM
B.P. : 120/80 mmHg

RAW E.C.G

THE APOLLO CLINIC
Rajouri Garden
Dr. Seema Chugh
MBBS, MD
DMC Reg. No. 714927



Mr. LAL RATNAKAR

I.D. : 96

AGE/SEX : 31/M

RECORDED : 10-9-2022 12:17

RATE : 103 BPM

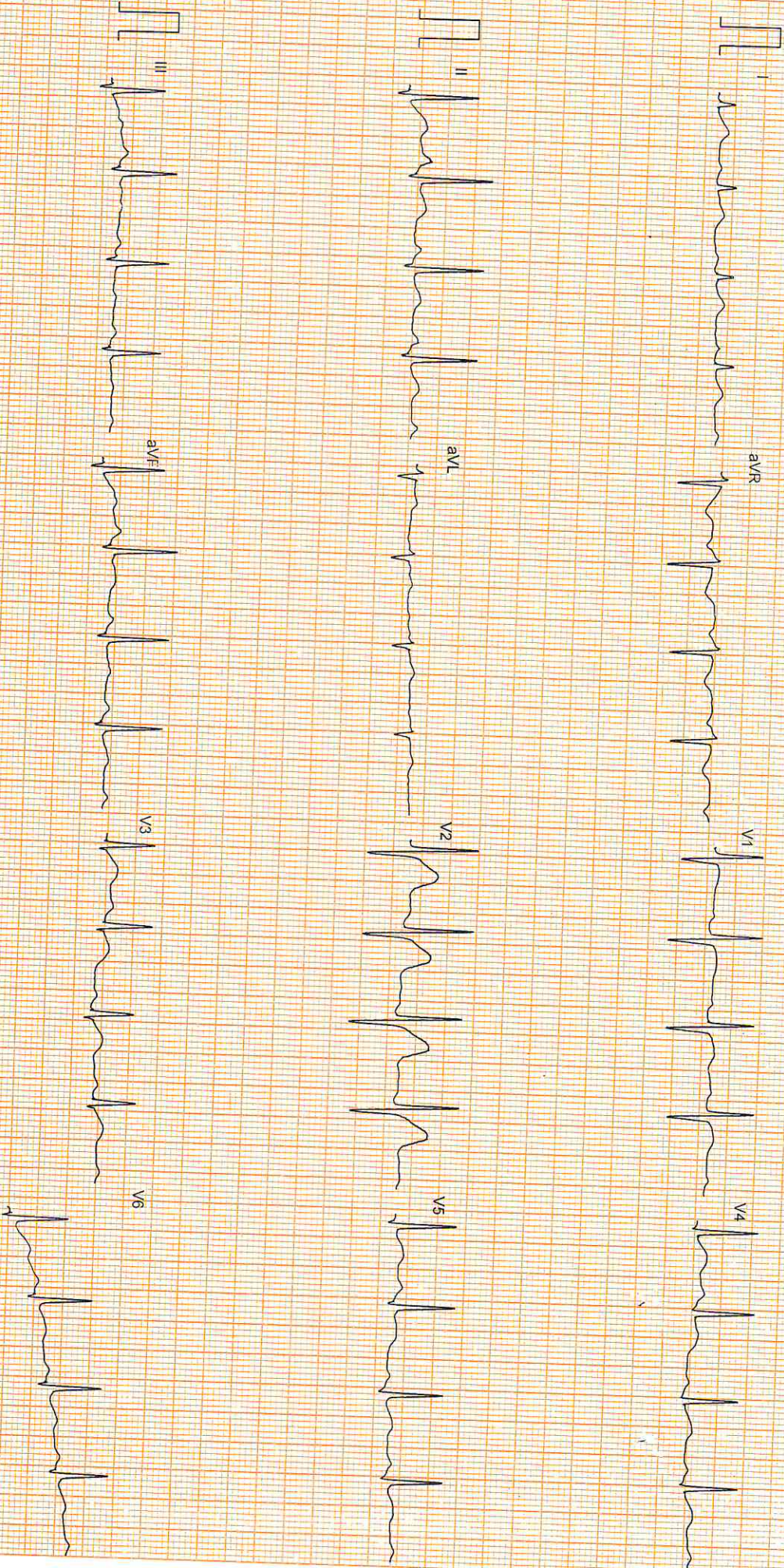
B.P. : 120/80 mmHg

APOLLO CLINIC

SUPINE
PRETEST

ST @ 10mm/mV
80ms PostJ

RAW ECG



APOLLO CLINIC

Mr. LAL RATNAKAR
I.D. : 96
AGE/SEX : 31/M
RECORDED : 10-9-2022 12:17

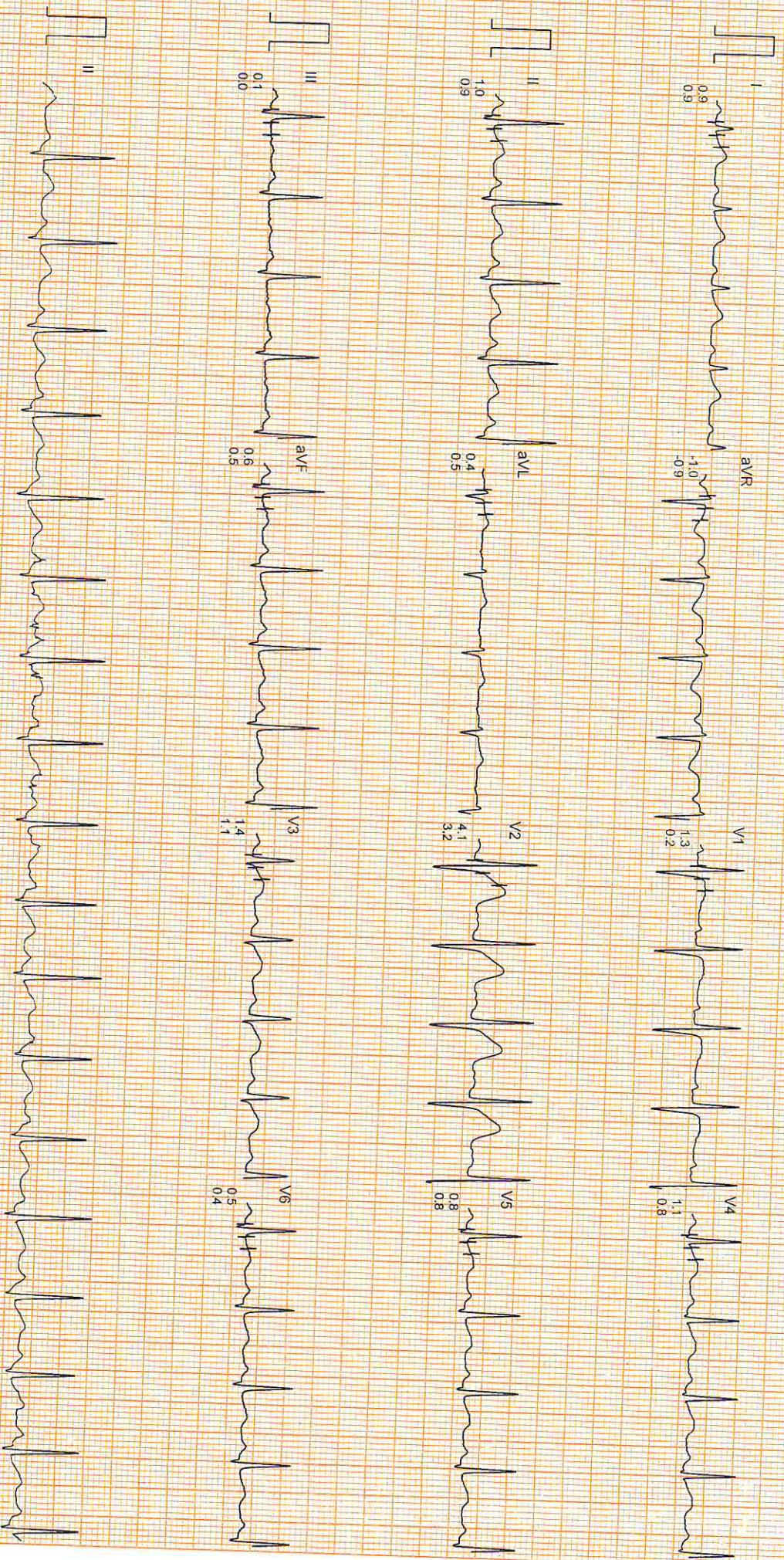
RATE : 111 BPM
B.P. : 120/80 mmHg

HYPERVENTILATION
PRETEST

STAGE TIME : 0:05

ST @ 10mm/mV
80ms PostJ

LINKED MEDIAN



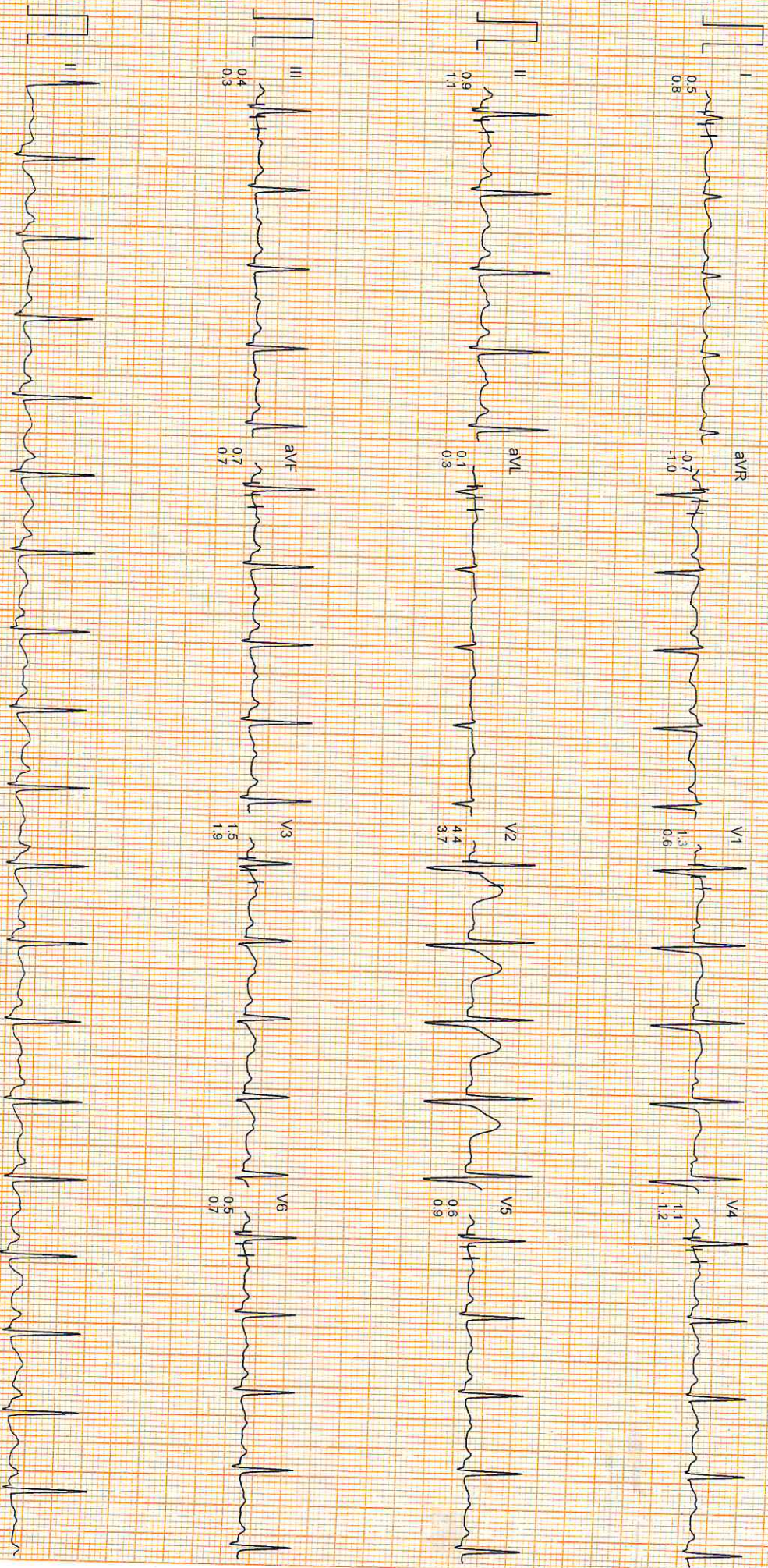
APOLLO CLINIC

MR. LAL RATNAKAR
I.D. : 96
AGE/SEX : 31/M
RECORDED : 10-9-2022 12:17

BRUCE
EXERCISE 1
PHASE TIME : 1:25
STAGE TIME : 1:25

ST @ 10mm/mV
80ms PostJ
SPEED : 2.7 Km./Hr.
GRADE : 10.0 %

LINKED MEDIAN



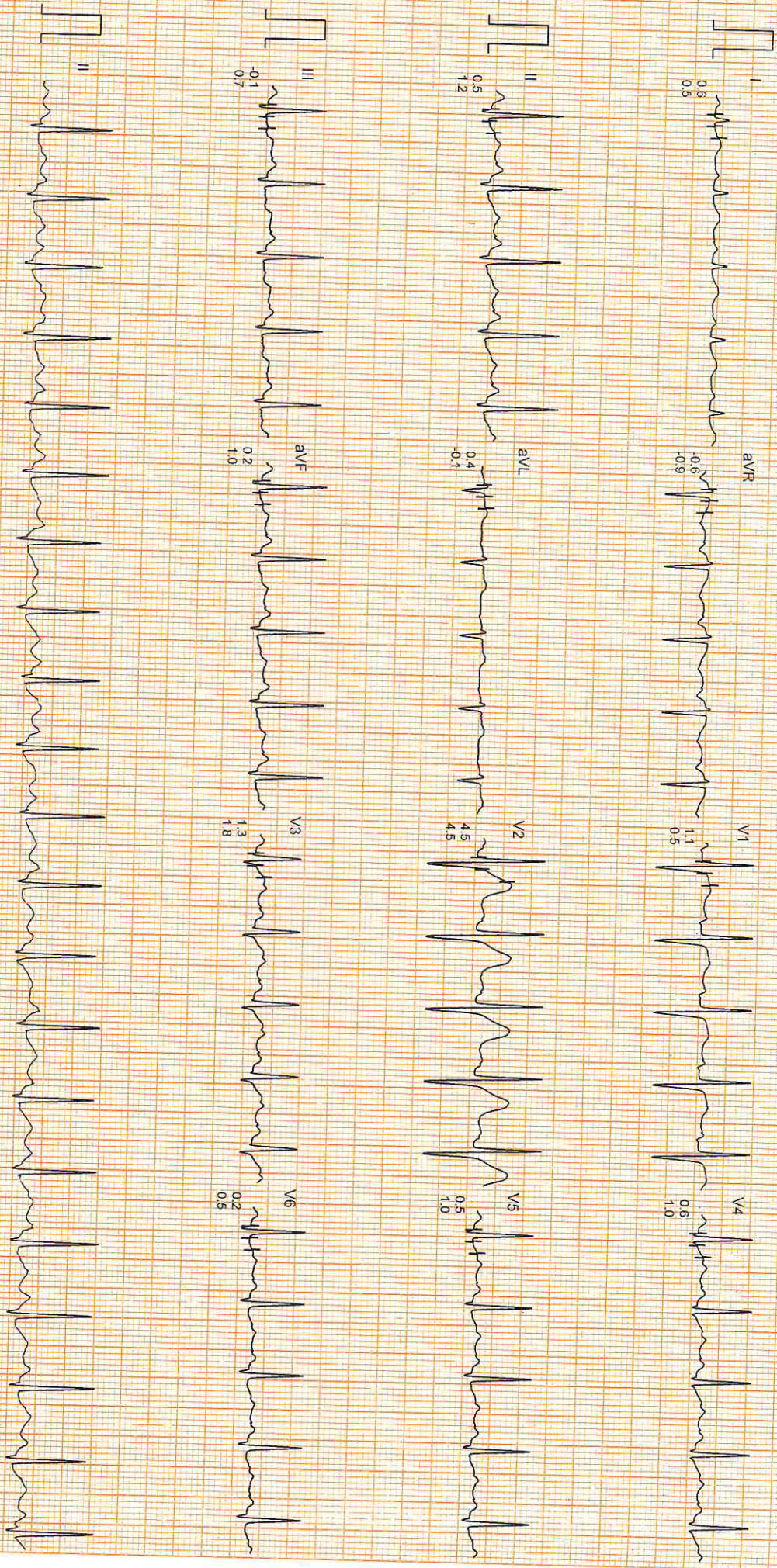
APOLLO CLINIC

Mr. LAL RATNAKAR
I.D. : 96
AGE/SEX : 31/M
RECORDED : 10-9-2022 12:17
RATE : 124 BPM
B.P. : 136/80 mmHg

BRUCE
EXERCISE 2
PHASE TIME : 3:49
STAGE TIME : 2:20

ST @ 10mm/mV
80ms PostJ
SPEED : 4.0 Km./Hr.
GRADE : 12.0 %

LINKED MEDIUM



ARDIO SURGICARE 9871000518

Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCom INDIA

Mr. LAL RATNAKAR

I.D. : 96

AGE/SEX : 31/M

RECORDED : 10-9-2022 12:17

RATE : 137 BPM
B.P. : 140/80 mmHg

APOLLO CLINIC

BRUCE

EXERCISE 4

PHASE TIME : 5:47

STAGE TIME : 0:02

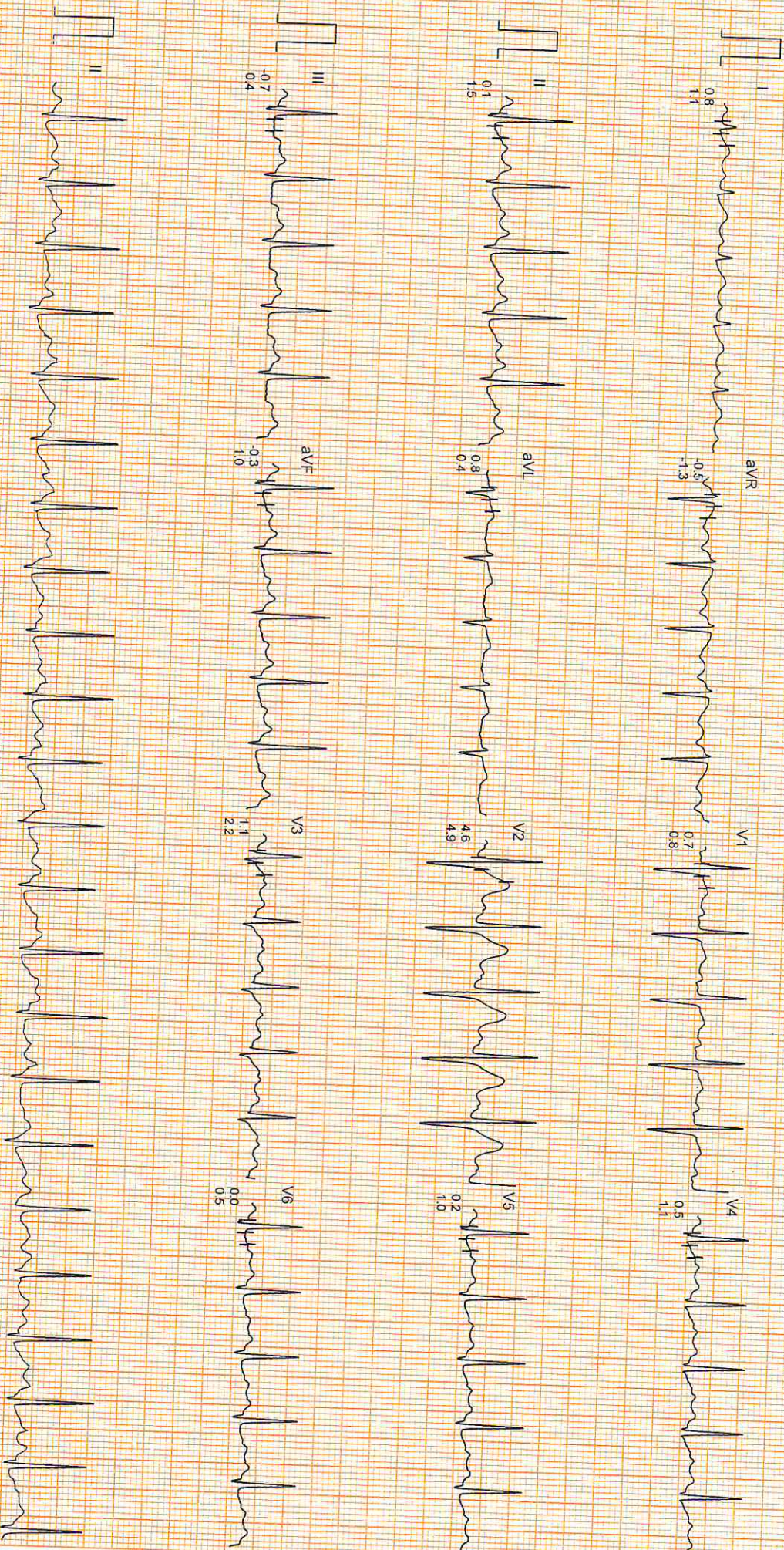
ST @ 10mm/mV

80ms PostJ

SPEED : 6.4 Km./Hr.

GRADE : 16.0 %

LINKED MEDIAN



ARDIO SURGICARE 9811008518

Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

APOLLO CLINIC

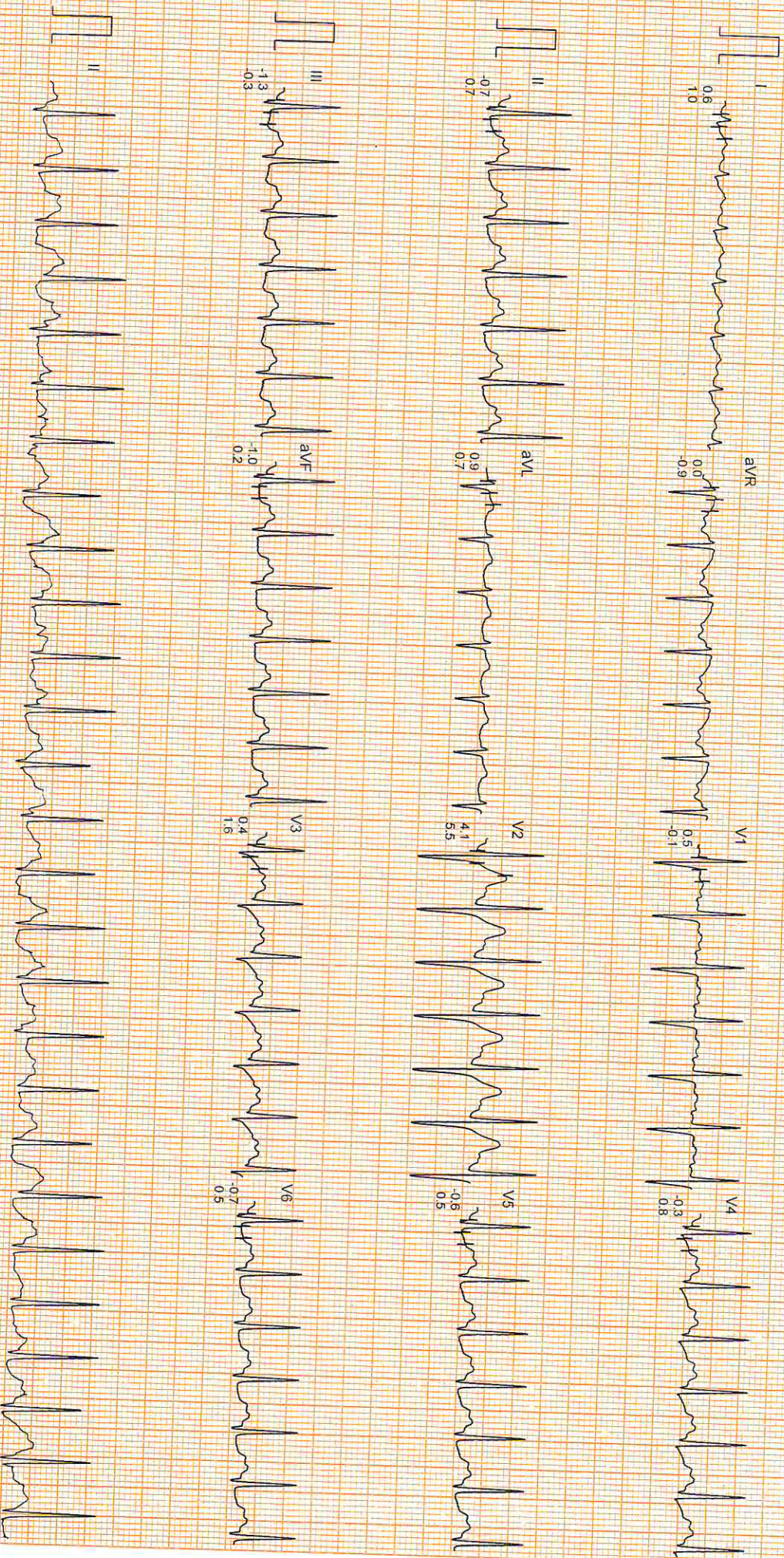
Mr. LAL RATNAKAR
I.D. : 96
AGE/SEX : 31/M
RECORDED : 10-9-2022 12.17

RATE : 165 BPM
B.P. : 150/80 mmHg

BRUCE
EXERCISE 4
PHASE TIME : 7:27
STAGE TIME : 1:42

ST @ 10mm/mV
80ms PostJ
SPEED : 6.7 Km./Hr.
GRADE : 16.0 %

LINKED MEDIAN



Mr. LAL RATNAKAR

I.D. : 96

AGE/SEX : 31/M

RECORDED : 10-9-2022 12:17

RATE : 174 BPM
B.P. : 150/80 mmHg

APOLLO CLINIC

BRUCE

PEAK EXER

PHASE TIME : 7.47

STAGE TIME : 0.17

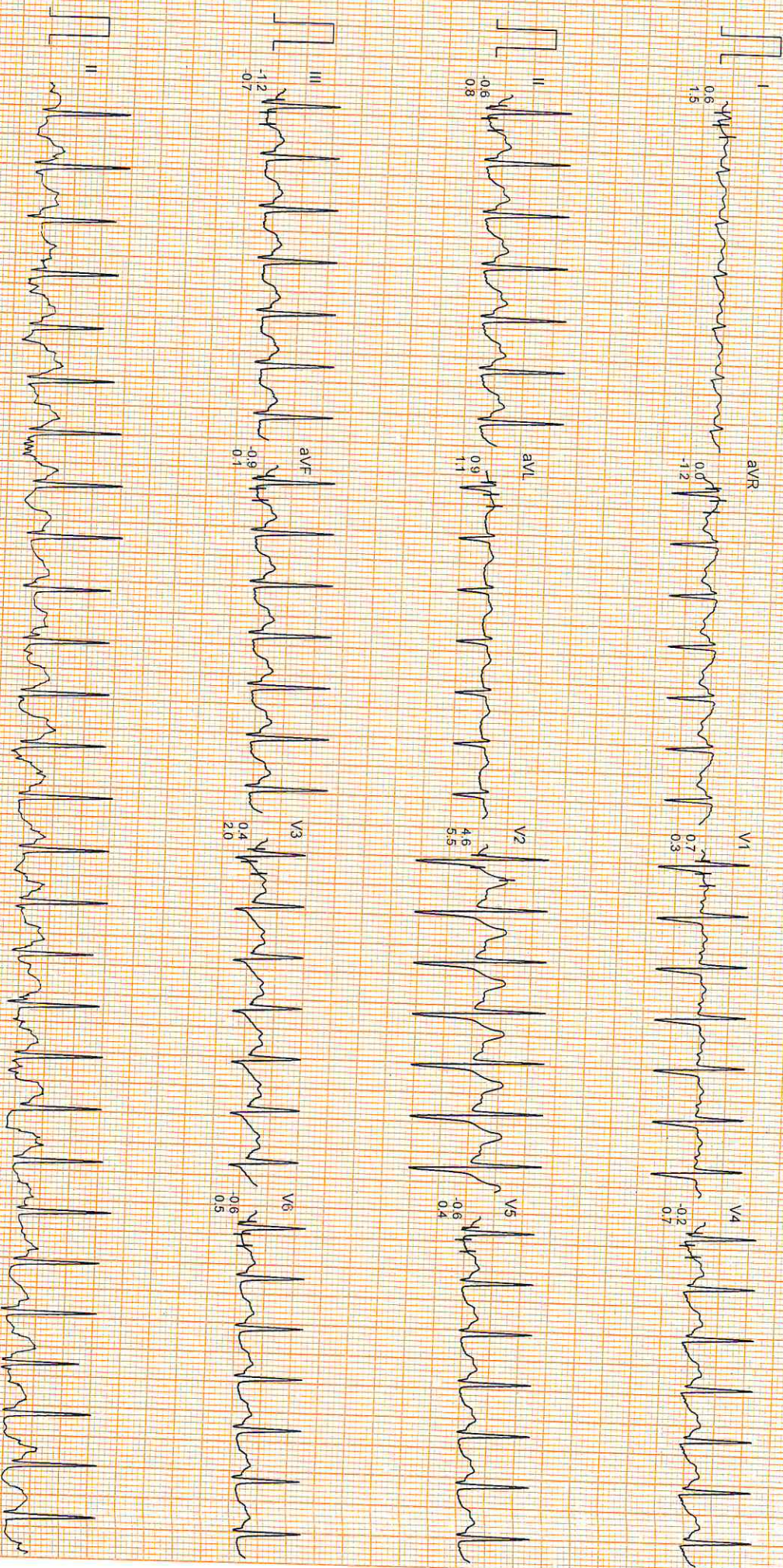
ST @ 10mm/mV

80ms PostJ

SPEED : 8.0 Km./Hr.

GRADE : 18.0 %

LINKED MEDIUM



MR. LAL RATNAKAR

I.D. : 96

AGE/SEX : 31/M

RECORDED : 10-9-2022 12:17

RATE : 140 BPM
B.P. : 150/80 mmHg

APOLLO CLINIC

BRUCE

RECOVERY

PHASE TIME : 0:59

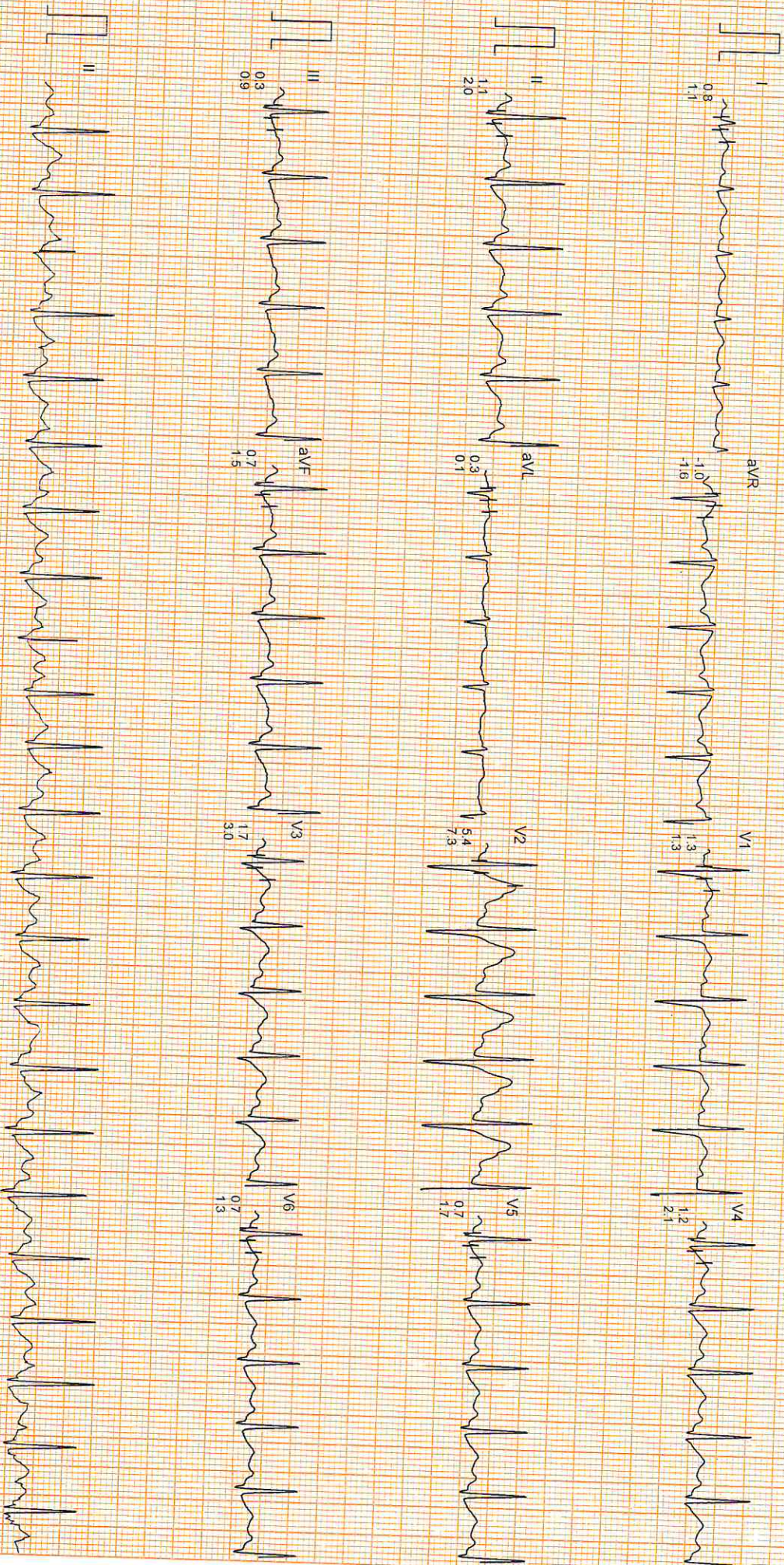
ST @ 10mm/mV

80ms PostJ

SPEED : 0.0 Km./Hr.

GRADE : 0.0 %

LINKED MEDIAN



Mr. LAL RATNAKAR

I.D. : 96

AGE/SEX : 31/M

RECORDED : 10-9-2022 12:17

RATE : 119 BPM
B.P. : 120/80 mmHg

APOLLO CLINIC

BRUCE
RECOVERY
PHASE TIME : 1:59

ST @ 10mm/mV
80ms PostU
SPEED : 0.0 Km./Hr.
GRADE : 0.0 %

LINKED MEDIUM

