

MEERUT HISTO-PATHOLOGY CENTRE MEERUT

Dr. Medha Jain

M.D (Path)

PATHOLOGIST

302 Western Kutcheri

(Opp Tyagi Hostel)

Ph-0121-4009679,9927286318

PHYSICAL ASSESSMENT FORMAT			
Date of Examination	22/12/22		
NAME	Ayush Goyal		
DOB	13/05/1993	Gender	Male
HEIGHT (cm)	175	WEIGHT (Kg)	105
CHEST (cm)	106	ABDOMEN (cm)	96
B.P	130/84		
Present Ailments (if any)	Nil		
Details of Past ailments any surgery or hospitalization or Blood transfusion	Nil		
Details On Medications (if any)	Nil		
HABITS (Tobacco /Alcohol ect.)	Nil		
BMI	34.3		

Insured's Sign

Dr. Vishwa Deepak  
M.B.B.S/M.S.  
Consulting Physician & Surgeon  
Reg. No : 18296

Doctors Sign



Quality Management Services  
ISO-9001:2015 Certified Lab

# MEERUT HISTOPATHOLOGY CENTRE

## Laboratory Test-Report

NAME : Mr. Ayush Goel  
REFERRED BY : Dr. BOB  
SAMPLE : Blood, Urine

DATE : 22/12/2022  
AGE :  
SEX : Male

TEST NAME	RESULTS	UNITS	REF.-RANGE
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### HAEMATOLOGY

Complete Blood Counts	-		
HAEMOGLOBIN	13.4	GM%	13.5 - 17.5
TOTAL LEUCOCYTE COUNT :	6,800 cells	/Cu mm	4,500-11,000
DIFFERENTIAL LEUCOCYTE COUNT :			
Neutrophils :	56	%.	50-70
Lymphocytes :	36	%.	25-40
Eosinophils :	04	%.	1-4
Monocytes :	04	%.	3-8
Basophils :	00	%.	0-1
TOTAL R.B.C. COUNT	5.2	million/cu mm	4.5 - 6.5
PLATELET COUNT :	200	thousand/cum	150-450
P.C.V.	39.2	%.	35 - 54
MCV	75.3	fL	76-98
M C H	25.7	pg	27 - 32
M C H C	34.1	g/dl	31-35
E.S.R. ( Westergren Method ) :	12	mm in 1st Hr	0-15

BLOOD GROUP :  
Major Blood Group : A  
Rh Blood Group : Positive  
(Comment)

Forward grouping by SLIDE METHOD.

All NEGATIVE blood groups to be confirmed at an authorized blood - bank.

### BIOCHEMISTRY

BLOOD SUGAR ( FASTING)	78.3	mg/dL	70 - 100
BLOOD SUGAR PP(2 Hrs after Meal)	93.4	mg/dl	70-140
LIPID PROFILE :			
SERUM TRIGYCLERIDE:	175.6	mg/dl	50-160
SERUM CHOLESTEROL :	274.3	mg/dL.	130 - 200
HDL CHOLESTEROL :	45.1	mg/dL.	30 - 70
VLDL CHOLESTEROL :	35.1	mg/dL.	25 - 40
LDL CHOLESTEROL :	194.1	mg/dL.	85 - 150
CHOL/HDL CHOLESTROL RATIO	6.1	Low Risk	0.0 - 3.5
		Mod.Risk	3.5 - 5.0
		High Risk	> 5.0
LDL/HDL RATIO	4.3	Normal Range	2.5 - 3.0
		High Risk	> 3.0

--{End of Report}--

**Dr. Medha jain**  
M.B.B.S., (M.D. Path)  
Consultant Pathologist  
Reg. No. - G-33290 Gujrat  
CMO. Reg. No. - MRT 869, Meerut

DR. KUMKUM DEEPAK MEMORIAL CENTRE, 302, W.K. ROAD, MEERUT

CALL : 0121-4009679, 9639688806, 09927286318, 7906584952, 9639251854 24 Hour Service, Home Visit

All Investigations have their limitation which are imposed by the limits of sensitivity and specificity of individual assay procedures as well as the specimen received by the laboratory.  
Isolated laboratory investigation never confirm the final diagnosis of the disease. They only help in arriving at a diagnosis in conjunction with clinical presentation and other related investigation.

NOT FOR MEDICO LEGAL PURPOSE



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### BIOCHEMISTRY

#### LIVER FUNCTION TEST

##### SERUM BILIRUBIN :

TOTAL:	0.76	mg/dL.	0.2 - 1.0
DIRECT:	0.30	mg/dL.	0.1 - 0.3
INDIRECT:	0.46	mg/dL.	0.2 - 0.7
S.G.P.T. :	58.2	U/L	5 - 45
S.G.O.T. :	49.3	U/L	5 - 45

G.G.T.P. :	26.3	U/L	5.0-35.0 (37 C)
SERUM ALK. PHOSPHATASE :	82.0	IU/L.	25-100

##### SERUM PROTEINS :

TOTAL PROTEINS:	7.1	Gm/dL.	5.5 - 8.5 .
ALBUMIN:	4.5	Gm/dL.	3.5 - 5.5
GLOBULIN:	2.6	Gm/dL.	2.3 - 3.5
A : G RATIO:	1.7		

##### BLOOD UREA NITROGEN :

SERUM CREATININE :	0.9	mg/dL.	0.8 - 1.5
SERUM URIC ACID :	3.7	mg/dL.	2.5 - 7.0
SERUM SODIUM (Na) :	140.0	mEq/litre.	135 - 147
SERUM POTASSIUM (K) :	4.7	mEq/litre.	3.5 - 5.4
SERUM CHLORIDE (Cl) :	101.3	m Eq/litre.	96 - 106

--{End of Report}--

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### HORMONE

THYROID PROFILE :  
Triiodothyronine (T3) :  
Thyroxine (T4) :  
THYROID STIMULATING HORMONE(TSH)

1.45	nmol/litre.	0.95 - 2.5
97.1	nmol/litre.	60 - 120
3.51	micro Iu/ml	0.20 - 5.0
<p>Low Levels of T3 &amp; T4 are seen in Non-Thyroidal illness High Levels of T3 &amp; T4 are found in and T3 Thyrotoxicosis TSH Levels are raised in TSH Levels are Low in</p>		
<p>- Primary, Secondary &amp; Tertiary Hypothyroidism and some - Grave's Disease, Hyperthyroidism, Thyroid hormone resistance - Primary Hypothyroidism - Hyperthyroidism, Secondary Hypothyroidism.</p>		

GLYCOSYLATED HAEMOGLOBIN A1c

5.4	%	4.3 - 6.4
<p>Clinical significance :- The HbA1c concentration in blood is directly proportional to the mean concentration of glucose prevailing in the previous 6-8 wks, equivalent to the life time of erythrocytes.</p>		

Normal Range :-  
Non-Diabetics - 4.3 - 6.4%  
Goal 6.5 - 7.5%  
Good control 7.5 - 8.5%  
Poor control > 8.5%

--{End of Report}--

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### CLINICAL PATHOLOGY

#### URINE EXAMINATION REPORT :

##### PHYSICAL EXAMINATION :

Volume :	30	ml
Colour :	Pale Yellow	
Appearance :	Clear	
Odour :	Aromatic	
Sediments :	Nil	
Sp. Gravity :	1020	

##### BIOCHEMICAL EXAMINATION :

Sugar :	Nil
Albumin :	Nil
Reaction :	Acidic

##### MICROSCOPIC EXAMINATION :

Red Blood Cells :	Nil	/H.P.F.
Pus Cells :	0-1	/H.P.F.
Epithelial Cells :	1-2	/H.P.F.

--{End of Report}--

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# MEERUT ECG, TMT AND SPIROMETRY CENTRE

MEERUT UP

## TREADMILL TEST SUMMARY REPORT

ID : 97

Mr. Ayush Goyal

Age/Sex : 29/M

Ref. by : Meerut Histo Pathology Centre

Indication1 : Diagnostic

Indication2 : Diagnostic

Indication3 : Diagnostic

H/Wt : 175/105

Recorded : 22-12-2022 14:07

Protocol: BRUCE

History:

Medication1 : Nil

Medication2 : Nil

Medication3 : Nil

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					85	130/84	110	-0.1	1.0	-0.1	
STANDING					89	130/84	115	-0.1	1.0	0.0	
HYPERVENT	0:44	0:44			97	134/88	129	-0.4	0.6	-0.1	
STAGE 1	2:59	2:59	2.70	10.00	135	136/90	183	-0.6	0.7	-0.4	4.80
STAGE 2	5:59	2:59	4.00	12.00	149	138/92	205	-1.4	0.2	-1.1	7.10
STAGE 3	8:59	2:59	5.40	14.00	178	140/94	249	-1.9	0.4	-1.4	10.00
STAGE 4	9:08	0:08	6.70	16.00	179	142/96	254	-2.0	0.5	-1.0	10.18
PEAK EXER	9:12	0:12			180	142/96	255	-2.0	0.5	-1.0	10.27
RECOVERY	2:59	2:59	0.00	0.00	121	142/96	171	-0.3	0.6	-0.2	

### RESULTS

Exercise Duration : 9:12 Minutes  
 Max Heart Rate : 180 bpm 94 % of target heart rate 191 bpm  
 Max Blood Pressure : 142/96 mmHg  
 Max Work Load : 10.27 METS

*Graphically T.M.T is negative*

### IMPRESSIONS

**DR. S.M. JAIN**  
 M.B.S., D.Card (CARDIOLOGY)  
 M.Sc.P. (USA)  
 SENIOR CARDIOLOGIST  
 R.F. No. : 2P153 U.P.M.C.  
 Cardiologist

# MEERUT ECG, TMT AND SPIROMETRY CENTRE

MEERUT UP

## TREADMILL TEST SUMMARY REPORT

Protocol: BRUCE

Protocol: BRUCE

Mr. Ayush Goyal

History: Nil

History: Nil

Age/Sex: 29/M

Ref by: Meerut Histo Pathology Centre

Medication1: Nil

Medication1: Nil

Recorded: 22-12-2022 14:07

Indication1: Diagnostic

Medication2: Nil

Medication2: Nil

Indication2: Diagnostic

Indication3: Diagnostic

Medication3: Nil

Medication3: Nil

ID: 97

HWt: 175/105

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					85	130/84	110	-0.1	1.0	-0.1	
STANDING					89	130/84	115	-0.1	1.0	0.0	
HYPERVENT	0:44	0:44			97	134/88	129	-0.4	0.6	-0.1	
STAGE 1	2:59	2:59	2.70	10.00	135	136/90	183	-0.6	0.7	-0.4	4.80
STAGE 2	5:59	2:59	4.00	12.00	149	138/92	205	-1.4	0.2	-1.1	7.10
STAGE 3	8:59	2:59	5.40	14.00	178	140/94	249	-1.9	0.4	-1.4	10.00
STAGE 4	9:08	0:08	6.70	16.00	179	142/96	254	-2.0	0.5	-1.0	10.18
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Exercise Duration: 9-12 Minutes  
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*Myographicly T.M.T is negative.*

### IMPRESSIONS

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 M.B.B.S., D.Card (CARDIOLOGY)  
 Mchb. (USA)  
 SENIOR CARDIOLOGIST  
 R.T. No. : 21153 U.P.M.C.  
 Cardiologist

# MEERUT ECG, TMT AND SPIROMETRY CENTRE

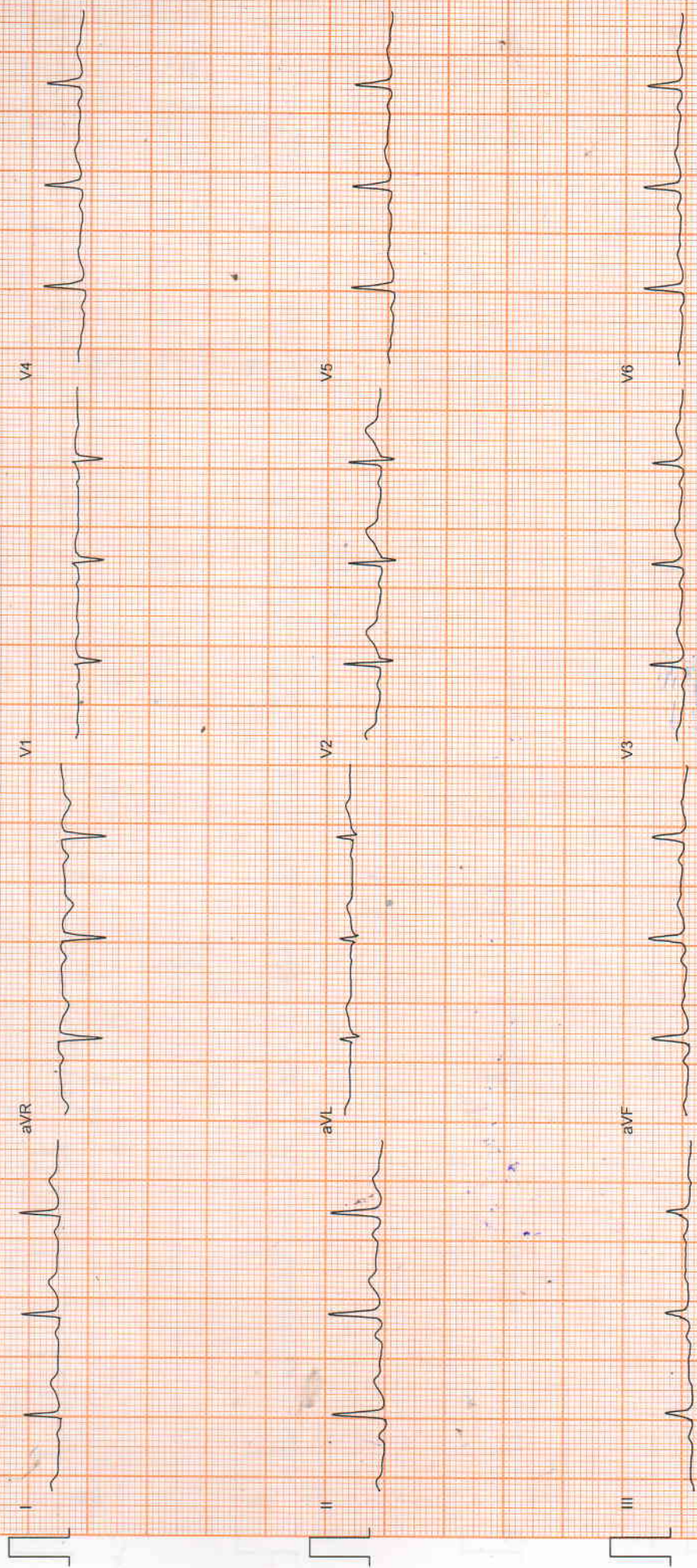
Mr. Ayush Goyal  
I.D. : 97  
AGE/SEX : 29/M  
RECORDED : 22-12-2022 14:07

SUPINE  
PRETEST

RATE : 85 BPM  
B.P. : 130/84 mmHg

ST @ 10mm/mV  
80ms PostJ

RAW E.C.G.



Filtered

25mm/sec 10mm/mV

CardiCom, INDIA



# MEERUT ECG, TMT AND SPIROMETRY CENTRE

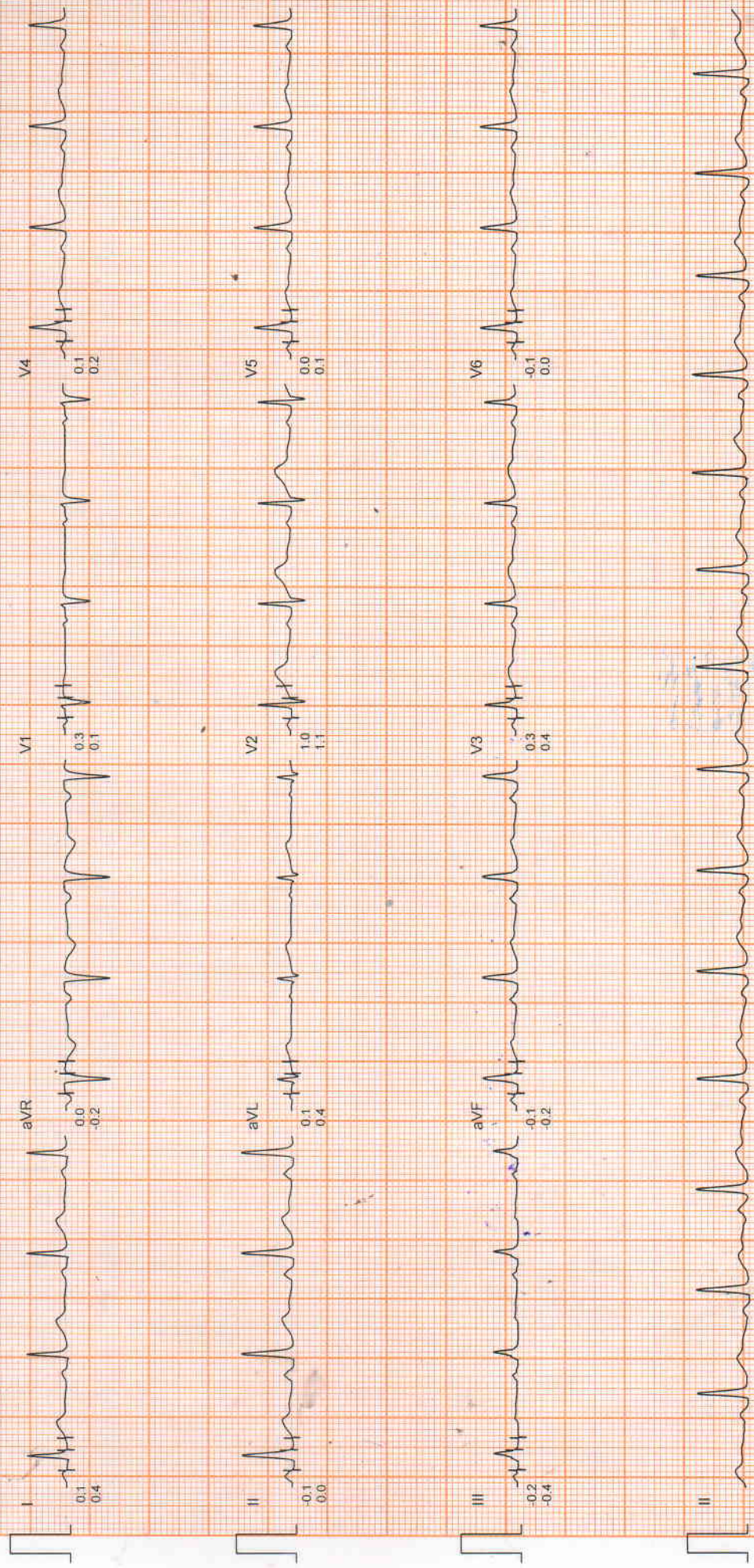
Mr. Ayush Goyal  
I.D. : 97  
AGE/SEX : 29/M  
RECORDED : 22-12-2022 14:07

STANDING  
PRETEST

RATE : 89 BPM  
B.P. : 130/84 mmHg

ST @ 10mm/mV  
80ms PostJ

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec. 10mm/mV

CardiCom. INDIA

# MEERUT ECG, TMT AND SPIROMETRY CENTRE

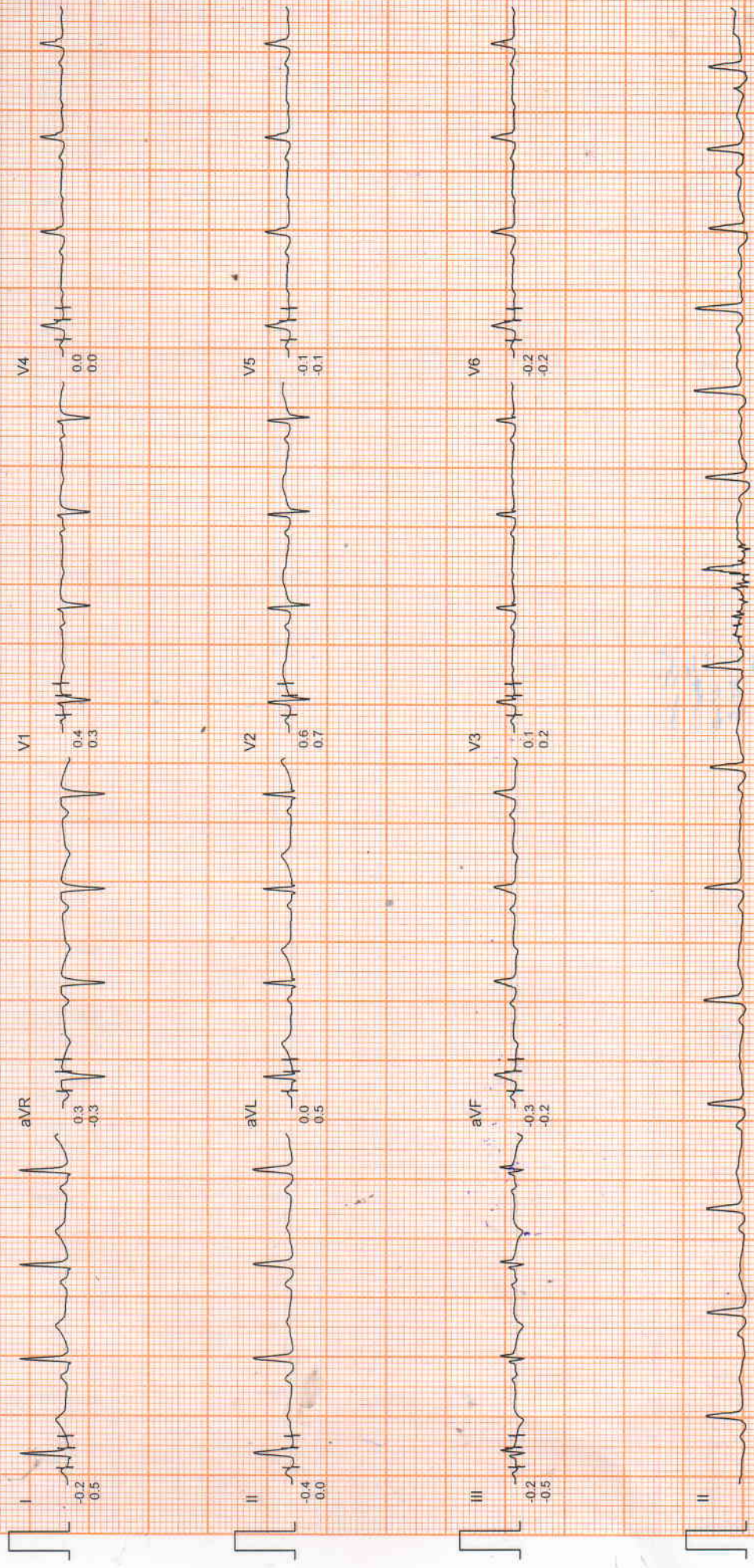
Mr. Ayush Goyal  
I.D. : 97  
AGE/SEX : 29/M  
RECORDED : 22-12-2022 14:07

RATE : 97 BPM  
B.P. : 134/88 mmHg

HYPERVENTILATION  
PRETEST  
STAGE TIME : 0:44

ST @ 10mm/mV  
80ms Postd

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCom, INDIA

# MEERUT ECG, TMT AND SPIROMETRY CENTRE

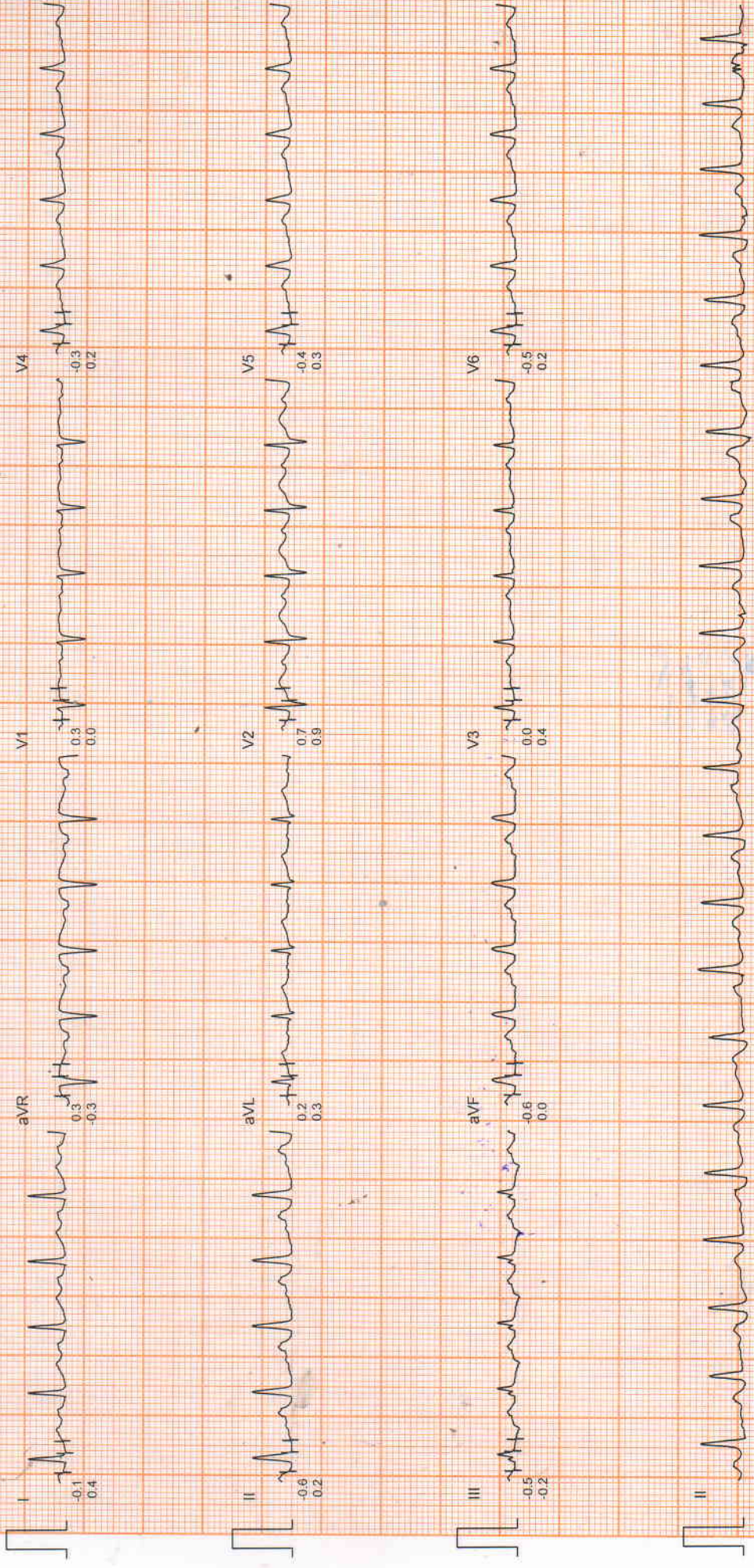
Mr. Ayush Goyal  
I.D. : 97  
AGE/SEX : 29/M  
RECORDED : 22-12-2022 14:07

BRUCE  
EXERCISE 1  
PHASE TIME : 2:59  
STAGE TIME : 2:59

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

RATE : 135 BPM  
B.P. : 136/90 mmHg

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

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# MEERUT ECG, TMT AND SPIROMETRY CENTRE

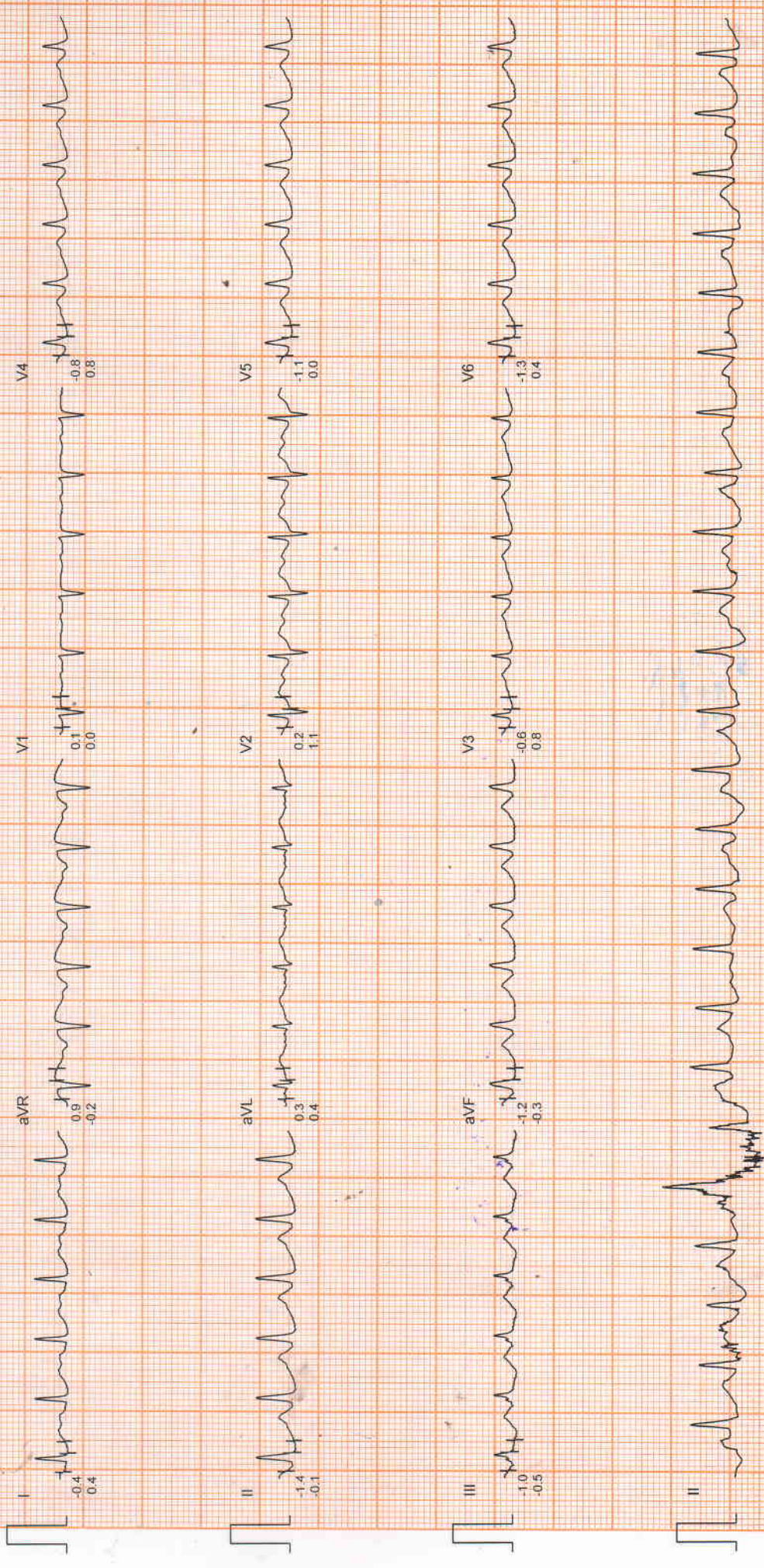
Mr. Ayush Goyal  
I.D. : 97  
AGE/SEX : 29/M  
RECORDED : 22-12-2022 14:07

BRUCE  
EXERCISE 2  
PHASE TIME : 5:59  
STAGE TIME : 2:59

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

RATE : 149 BPM  
B.P. : 138/92 mmHg

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec. 10mm/mV

CardiCom, INDIA

# MEERUT ECG, TMT AND SPIROMETRY CENTRE

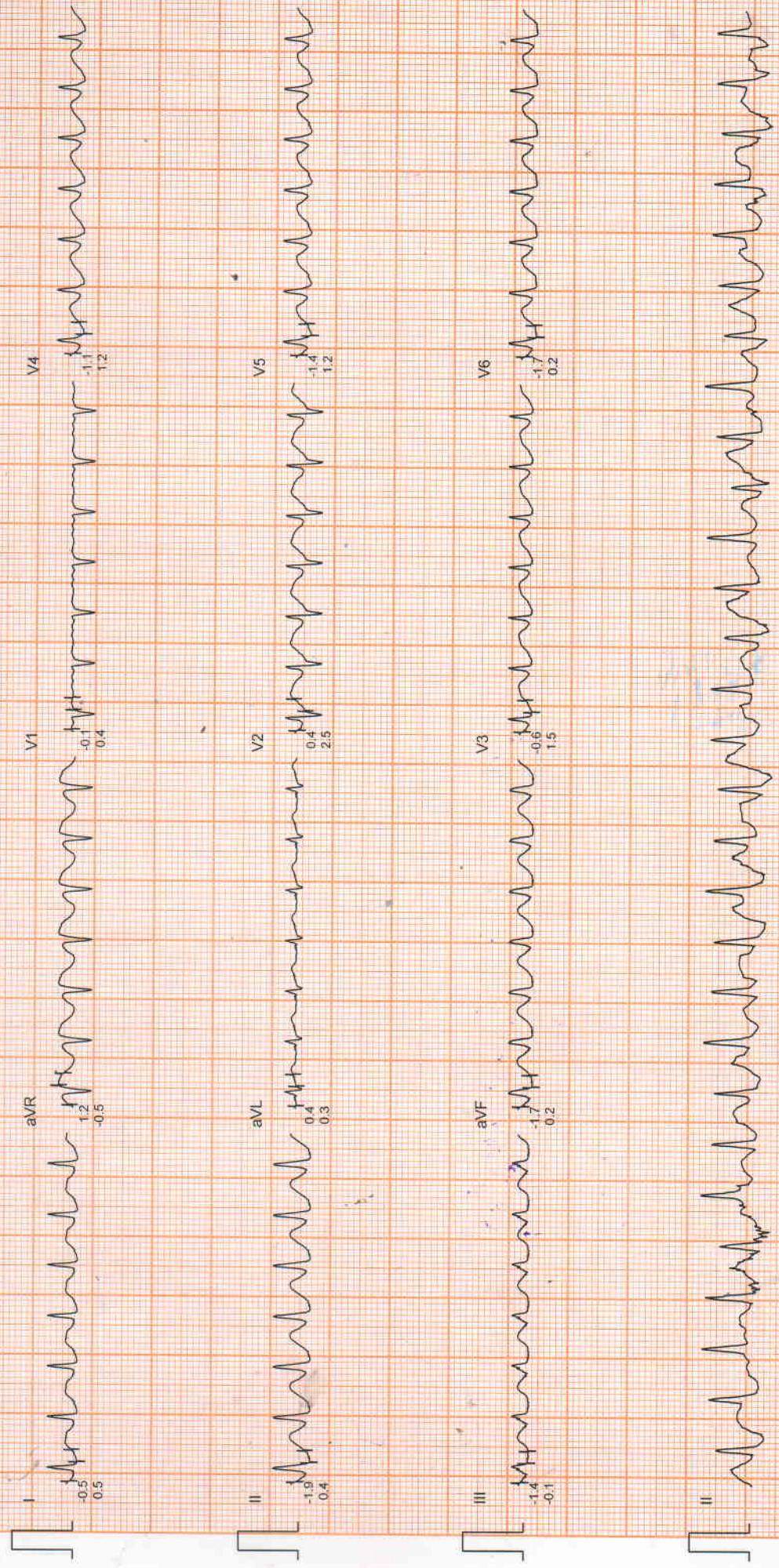
Mr. Ayush Goyal  
I.D. : 97  
AGE/SEX : 29/M  
RECORDED : 22-12-2022 14:07

RATE : 178 BPM  
B.P. : 140/94 mmHg

BRUCE  
EXERCISE 3  
PHASE TIME : 8:59  
STAGE TIME : 2:59

ST @ 10mm/mV  
80ms PostJ  
SPEED : 5.4 Km./Hr.  
GRADE : 14.0 %

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCorr. INDIA

# MEERUT ECG, TMT AND SPIROMETRY CENTRE

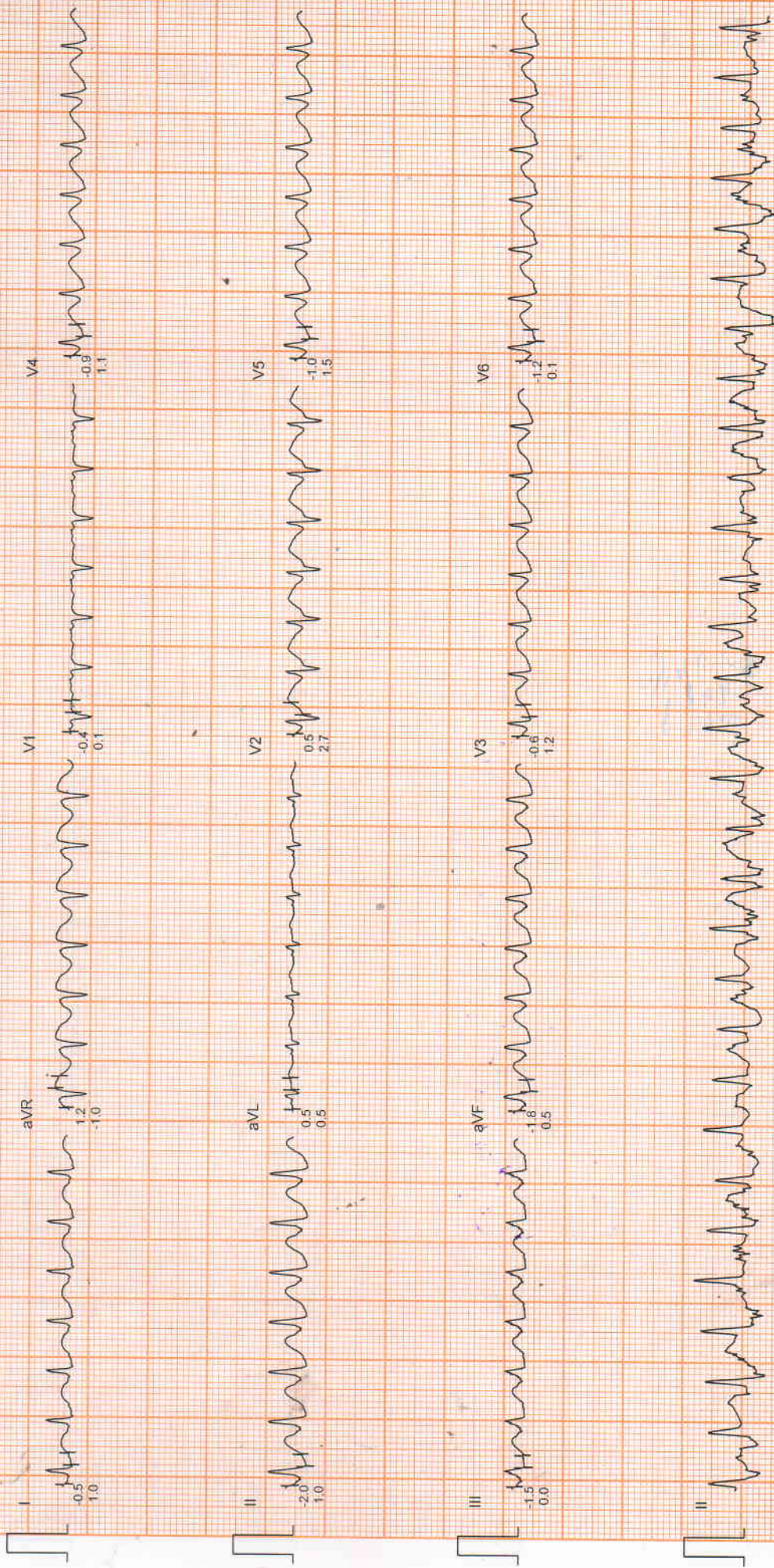
Mr. Ayush Goyal  
I.D. : 97  
AGE/SEX : 29/M  
RECORDED : 22-12-2022 14:07

RATE : 179 BPM  
B.P. : 142/96 mmHg

BRUCE  
EXERCISE 4  
PHASE TIME : 9:08  
STAGE TIME : 0:08

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

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

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# MEERUT ECG, TMT AND SPIROMETRY CENTRE

Mr. Ayush Goyal  
I.D. : 97  
AGE/SEX : 29/M  
RECORDED : 22-12-2022 14:07

RATE : 124 BPM  
B.P. : 142/96 mmHg

BRUCE  
RECOVERY  
PHASE TIME : 2:13

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

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

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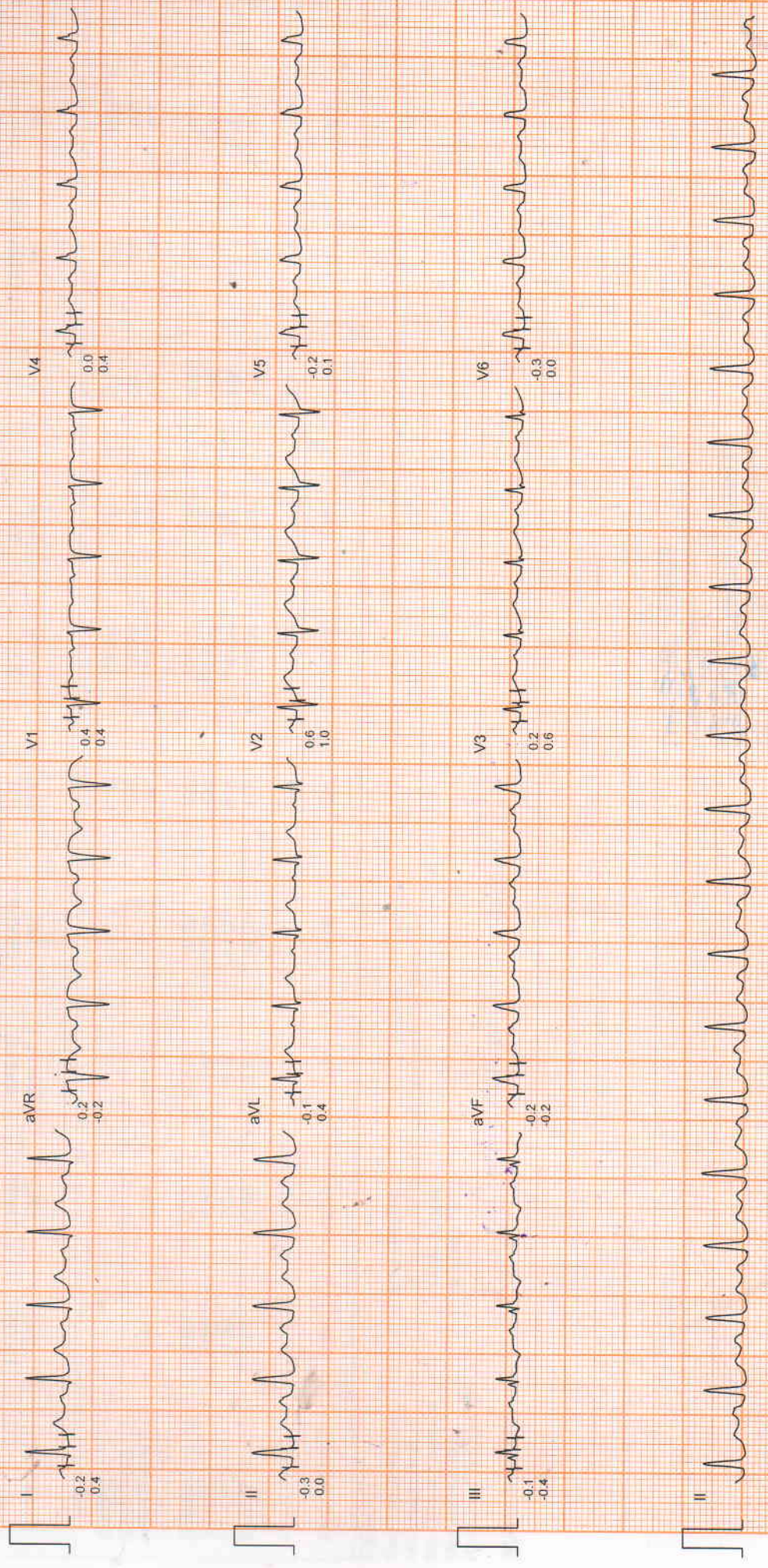
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AGE/SEX : 29/M  
RECORDED : 22-12-2022 14:07

BRUCE  
RECOVERY  
PHASE TIME : 2:59

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

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25mm/sec 10mm/mV

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