

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	22/12/2022		
NAME	Aamchal Singhal		
DOB	09/08/1992	Gender	Female
HEIGHT (cm)	165	WEIGHT (Kg)	67
CHEST (cm)	86	ABDOMEN (cm)	83
B.P	126/86		
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	24.6		

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 : Mrs. Aanchal Singhal  
REFERRED BY : Dr. BOB  
SAMPLE : Blood, Urine

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

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

Complete Blood Counts	-		
HAEMOGLOBIN	9.7	GM%	10 - 16
TOTAL LEUCOCYTE COUNT :	6,600 cells	/Cu mm	4,500-11,000
DIFFERENTIAL LEUCOCYTE COUNT :			
Neutrophils :	54	%.	50-70
Lymphocytes :	36	%.	25-40
Eosinophils :	04	%.	1-4
Monocytes :	06	%.	3-8
Basophils :	00	%.	0-1
TOTAL R.B.C. COUNT	3.5	million/cu mm	4.5 - 6.5
PLATELET COUNT :	270	thousand/cum	150-450
P.C.V.	28.2	%.	35 - 54
MCV	80.5	fL	76-98
M C H	27.7	pg	27 - 32
M C H C	34.4	g/dl	31-35
E.S.R. ( Westergren Method ) :	12	mm in 1st Hr	0-20

BLOOD GROUP :  
Major Blood Group : AB  
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)	80.2	mg/dL	70 - 100
BLOOD SUGAR PP(2 Hrs after Meal)	108.3	mg/dl	70-140
LIPID PROFILE :			
SERUM TRIGYCERIDE:	112.3	mg/dl	50-160
SERUM CHOLESTEROL :	212.3	mg/dL.	130 - 200
HDL CHOLESTEROL :	49.3	mg/dL.	30 - 70
VLDL CHOLESTEROL :	22.4	mg/dL.	25 - 40
LDL CHOLESTEROL :	140.6	mg/dL.	85 - 150
CHOL/HDL CHOLESTROL RATIO	4.3	Low Risk	0.0 - 3.5
		Mod.Risk	3.5 - 5.0
		High Risk	> 5.0
LDL/HDL RATIO	2.9	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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TEST NAME	RESULTS	UNITS	REF.-RANGE
<b>BIOCHEMISTRY</b>			
LIVER FUNCTION TEST			
SERUM BILIRUBIN :			
TOTAL:	0.58	mg/dL.	0.2 - 1.0
DIRECT:	0.27	mg/dL.	0.1 - 0.3
INDIRECT:	0.31	mg/dL.	0.2 - 0.7
S.G.P.T. :	28.7	U/L	5 - 45
S.G.O.T. :	35.1	U/L	5 - 45
G.G.T.P. :	16.3	U/L	5.0-35.0 (37 C)
SERUM ALK. PHOSPHATASE :	102.4	IU/L.	65-160
SERUM PROTEINS :			
TOTAL PROTEINS:	6.9	Gm/dL.	5.5 - 8.5
ALBUMIN:	4.1	Gm/dL.	3.5 - 5.5
GLOBULIN:	2.8	Gm/dL.	2.3 - 3.5
A : G RATIO:	1.4		
BLOOD UREA NITROGEN :			
SERUM CREATININE :	12.3	mg/dL.	5 - 25
SERUM URIC ACID :	0.9	mg/dL.	0.8 - 1.5
SERUM SODIUM (Na) :	4.1	mg/dL.	2.5 - 7.0
SERUM POTASSIUM (K) :	142.0	mEq/litre.	135 - 147
SERUM CHLORIDE (Cl) :	4.3	mEq/litre.	3.5 - 5.4
	98.6	m Eq/litre.	96 - 106

--{End of Report}--

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### HORMONE

THYROID PROFILE :			
Triiodothyronine (T3) :	1.68	nmol/litre.	0.95 - 2.5
Thyroxine (T4) :	107.4	nmol/litre.	60 - 120
THYROID STIMULATING HORMONE(TSH)	0.74	micro Iu/ml	0.20 - 5.0

Low Levels of T3 & T4 are seen in Non-Thyroidal illness - Primary, Secondary & Tertiary Hypothyroidism and some  
High Levels of T3 & T4 are found in and T3 Thyrotoxicosis - Grave's Disease, Hyperthyroidism, Thyroid hormone resistance  
TSH Levels are raised in - Primary Hypothyroidism  
TSH Levels are Low in - Hyperthyroidism, Secondary Hypothyroidism.

GLYCOSYLATED HAEMOGLOBIN A1c

5.0 % 4.3 - 6.4

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.

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 :	20	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 :	1-2	/H.P.F.
Epithelial Cells :	3-4	/H.P.F.

--{End of Report}--

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# MEERUT ECG, TMT AND SPIROMETRY CENTRE

MEERUT UP

## TREADMILL TEST SUMMARY REPORT

Mr. Aanchal Singhal  
 Age/Sex : 30/M  
 Ref by : Meerut Histo Pathology Centre  
 Indication1 : Diagnostic  
 Indication2 : Diagnostic  
 Indication3 : Diagnostic

ID : 96  
 Ht/Wt : 165/67  
 Recorded : 22-12-2022 13:36

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					87	126/86	109	0.1	0.4	0.0	
STANDING					88	128/88	112	-0.1	0.3	0.0	
HYPERVENT	0:47	0:47			96	130/90	124	0.0	0.3	0.1	
STAGE 1	2:59	2:59	2.70	10.00	172	132/92	227	-0.8	0.8	0.0	4.80
STAGE 2	4:14	1:14	4.00	12.00	193	132/92	254	-0.9	1.1	0.4	5.75
PEAK EXER	4:14	1:14			193	132/92	254	-0.9	1.1	0.4	5.75
RECOVERY	2:59	2:59	0.00	0.00	123	132/92	162	-0.2	0.4	-0.2	

**RESULTS**  
 Exercise Duration : 4:14 Minutes  
 Max Heart Rate : 193 bpm 101 % of target heart rate 190 bpm  
 Max Blood Pressure : 132/92 mmHg  
 Max Work Load : 5.75 METS  
 Reason of Termination :

**IMPRESSIONS**  
 Graphically T.M.T is Negative

**Dr. S.M. JAIN**  
 M.B.S. D.Card (CARDIOLOGY)  
 Mccp. (USA)  
 SENIOR CARDIOLOGIST  
 Reg. No. : 22158 U.P.M.C.  
 Cardiologist



# MEERUT ECG, TMT AND SPIROMETRY CENTRE

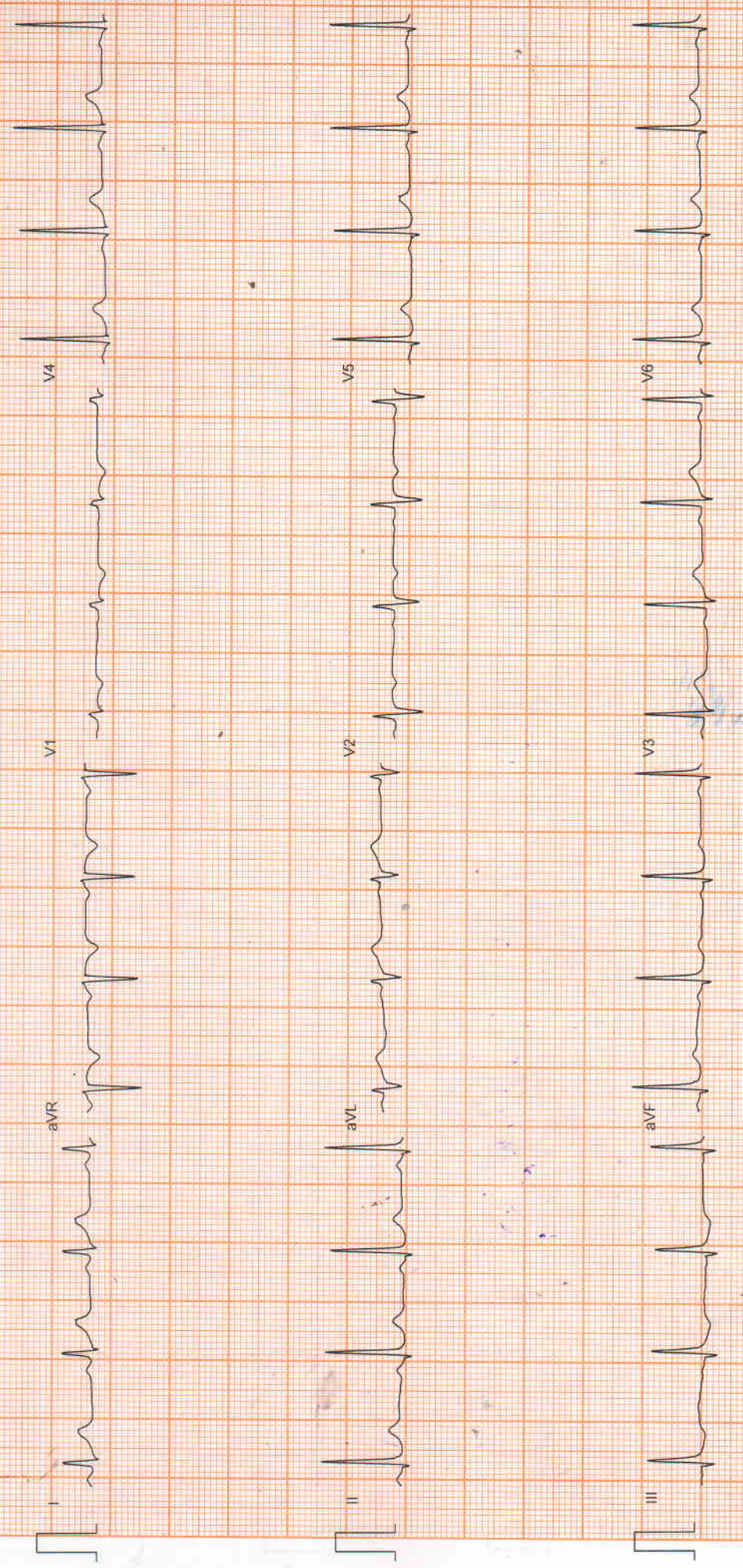
Mr. Aanchal Singhal  
I.D. : 96  
AGE/SEX : 30/M  
RECORDED : 22-12-2022 13:36

RATE : 87 BPM  
B.P. : 126/86 mmHg

ST @ 10mm/mV  
80ms PostJ

SUPINE  
PRETEST

RAW E.C.G.



Filtered

25mm/sec. 10mm/mV

CardiCom, INDIA



# MEERUT ECG , TMT AND SPIROMETRY CENTRE

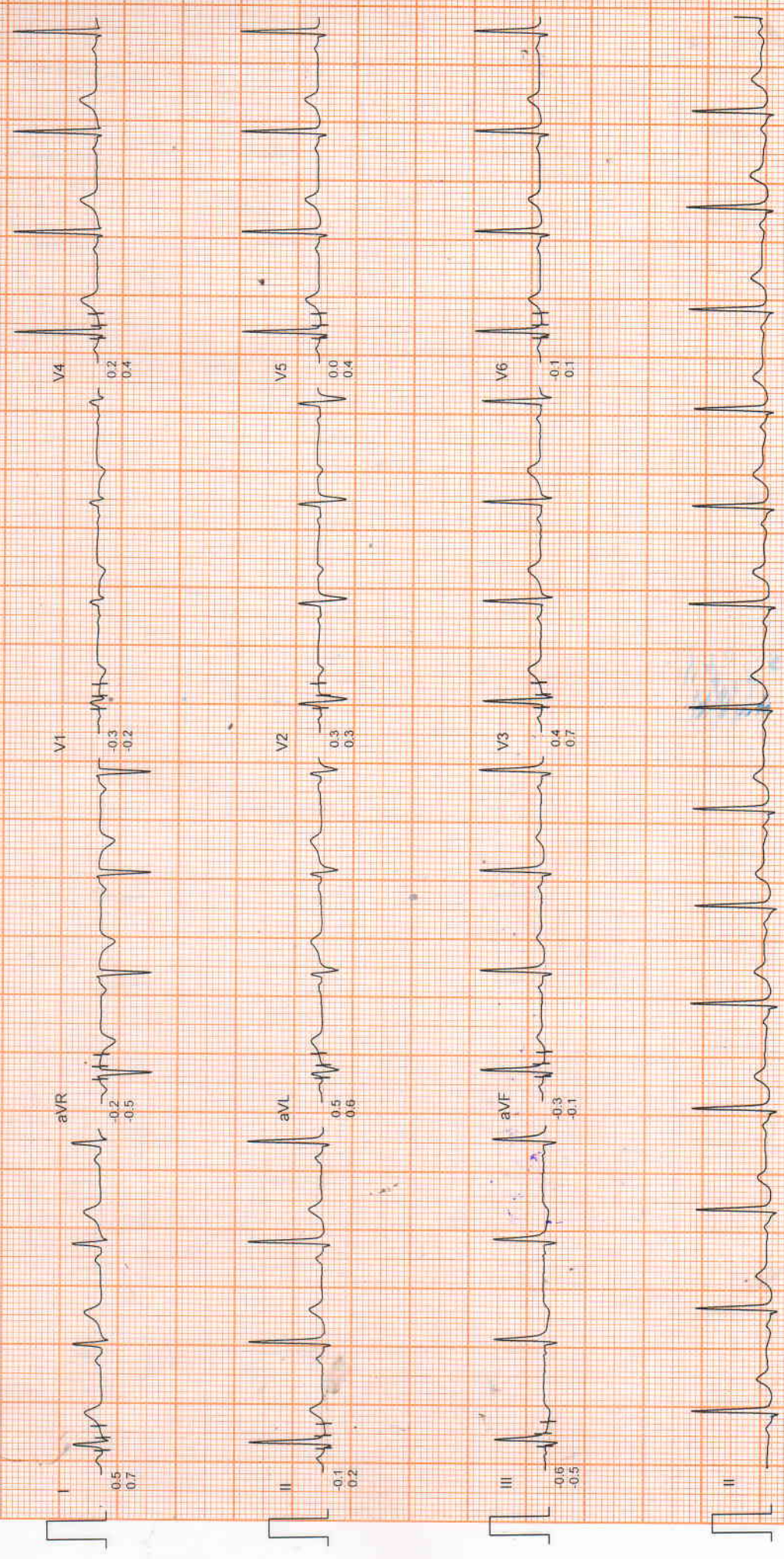
Mr. Aanchal Singhal  
I.D. : 96  
AGE/SEX : 30/M  
RECORDED : 22-12-2022 13:36

STANDING  
PRETEST

RATE : 88 BPM  
B.P. : 128/88 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. Aanchal Singhal  
I.D. : 96  
AGE/SEX : 30/M  
RECORDED : 22-12-2022 13:36

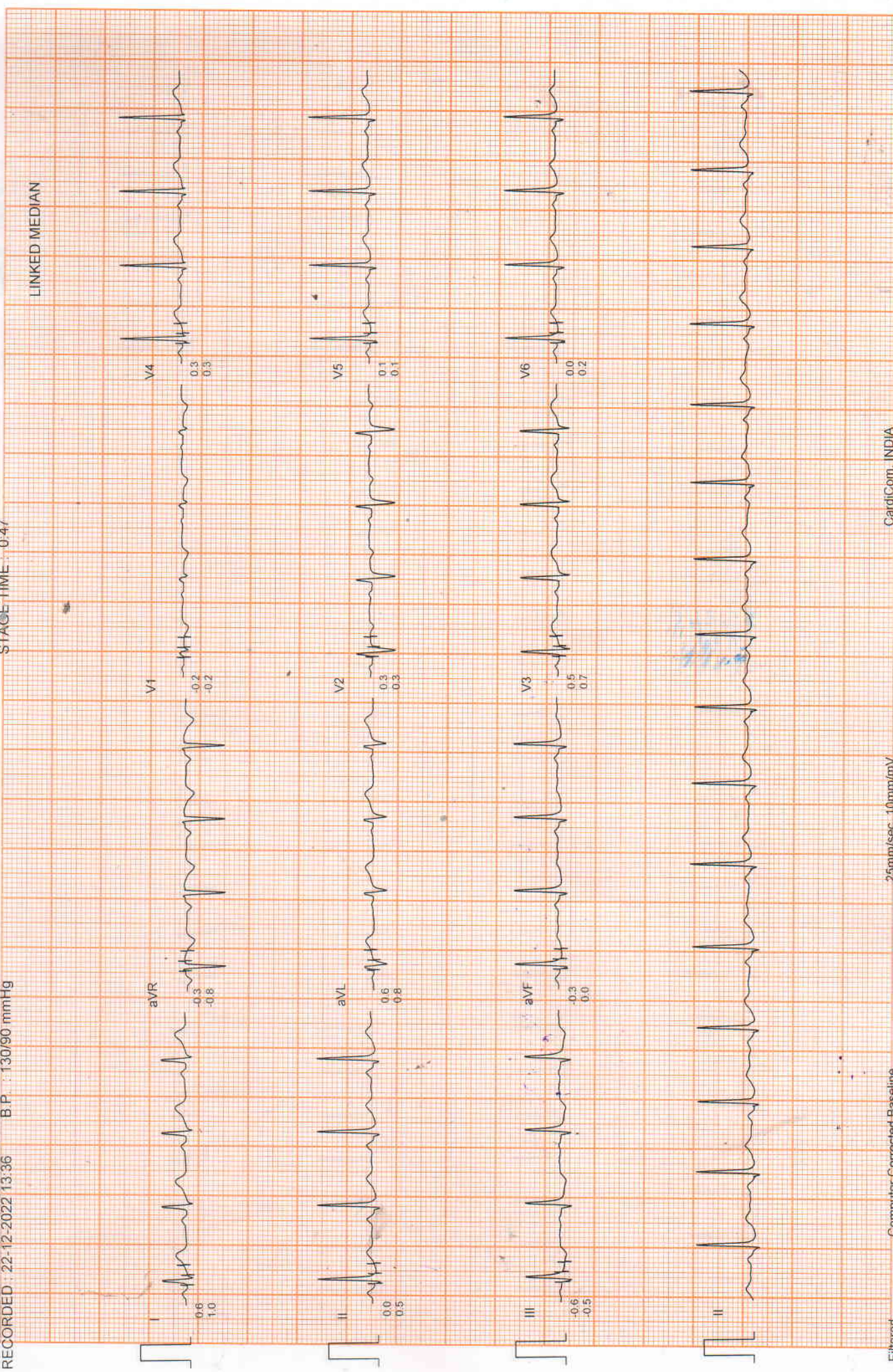
ST @ 10mm/mV  
80ms PostJ

HYPERVENTILATION  
PRETEST

RATE : 96 BPM  
B.P. : 130/90 mmHg

STAGE TIME : 0:47

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCom, INDIA



# MEERUT ECG, TMT AND SPIROMETRY CENTRE

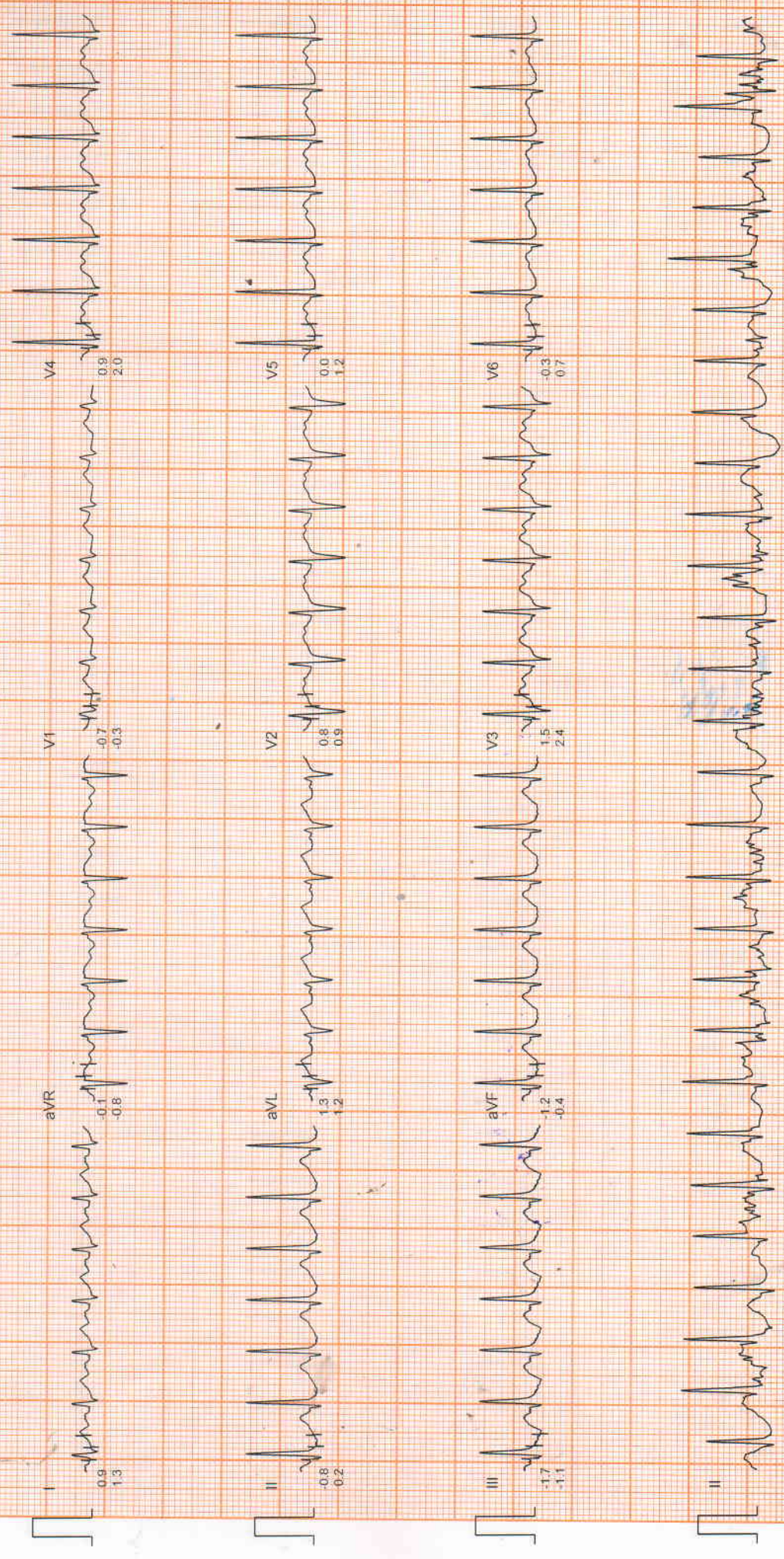
Mr. Aanchal Singhal  
I.D. : 96  
AGE/SEX : 30/M  
RECORDED : 22-12-2022 13:36

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 : 172 BPM  
B.P. : 132/92 mmHg

LINKED MEDIAN





# MEERUT ECG, TMT AND SPIROMETRY CENTRE

Mr. Aanchal Singhal  
I.D. : 96  
AGE/SEX : 30/M  
RECORDED : 22-12-2022 13:36

RATE : 191 BPM  
B.P. : 132/92 mmHg

BRUCE  
EXERCISE 2  
PHASE TIME : 4:07  
STAGE TIME : 1:07

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

LINKED MEDIAN





# MEERUT ECG, TMT AND SPIROMETRY CENTRE

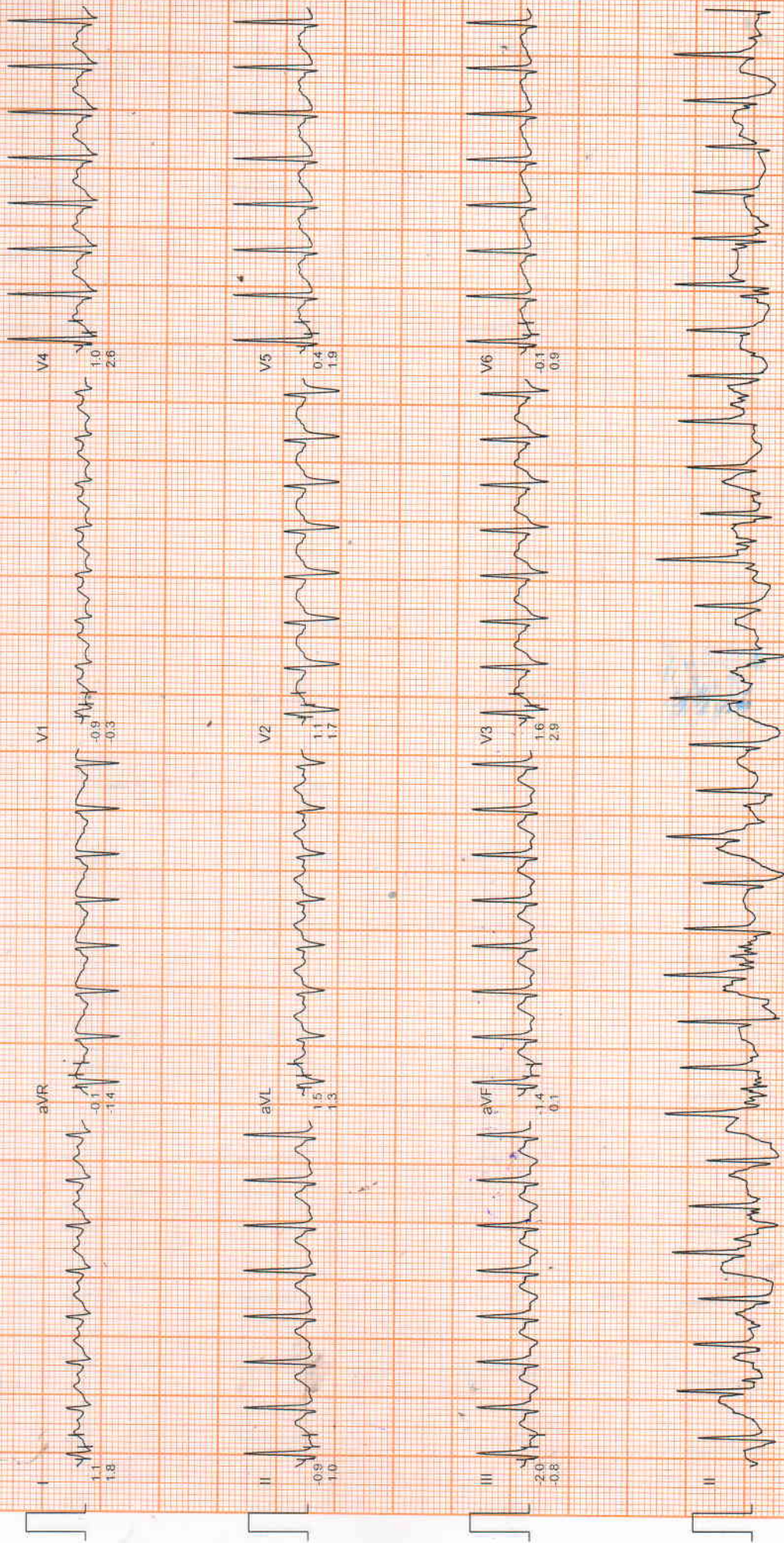
Mr. Aanchal Singhal  
I.D. : 96  
AGE/SEX : 30/M  
RECORDED : 22-12-2022 13:36

RATE : 193 BPM  
B.P. : 132/92 mmHg

BRUCE  
PEAK EXER  
PHASE TIME : 4:14  
STAGE TIME : 1:14

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

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec. 10mm/mV

CardiCom, INDIA



# MEERUT ECG, TMT AND SPIROMETRY CENTRE

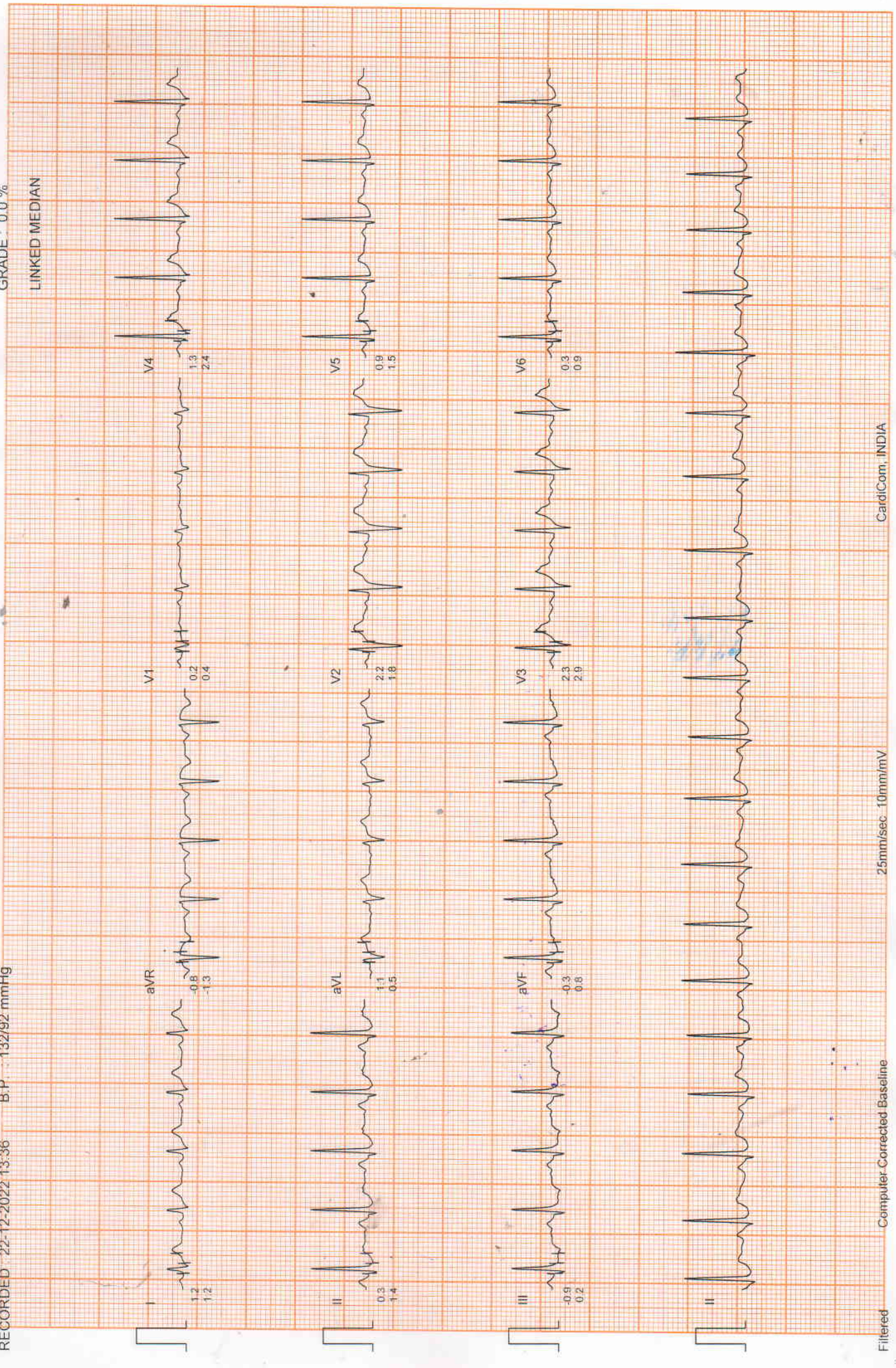
Mr Aanchal Singhal  
I.D. : 96  
AGE/SEX : 30/M  
RECORDED : 22-12-2022 13:36

BRUCE  
RECOVERY  
PHASE TIME : 1:02

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

RATE : 124 BPM  
B.P. : 132/92 mmHg

LINKED MEDIAN



Filtered

Computer-Corrected Baseline

25mm/sec 10mm/mV

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# MEERUT ECG, TMT AND SPIROMETRY CENTRE

Mr. Aanchal Singhal  
I.D. : 96  
AGE/SEX : 30/M  
RECORDED : 22-12-2022 13:36

RATE : 123 BPM  
B.P. : 132/92 mmHg

BRUCE  
RECOVERY  
PHASE TIME : 2:59

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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