

MEERUT HISTO-PATHOLOGY CENTRE MEERUT

Dr. Medha Jain

M.D (Path)

PATHOLOGIST

302 Western Kutcheri

(Opp Tyagi Hostel)

Ph-0121-4009679,9927286318

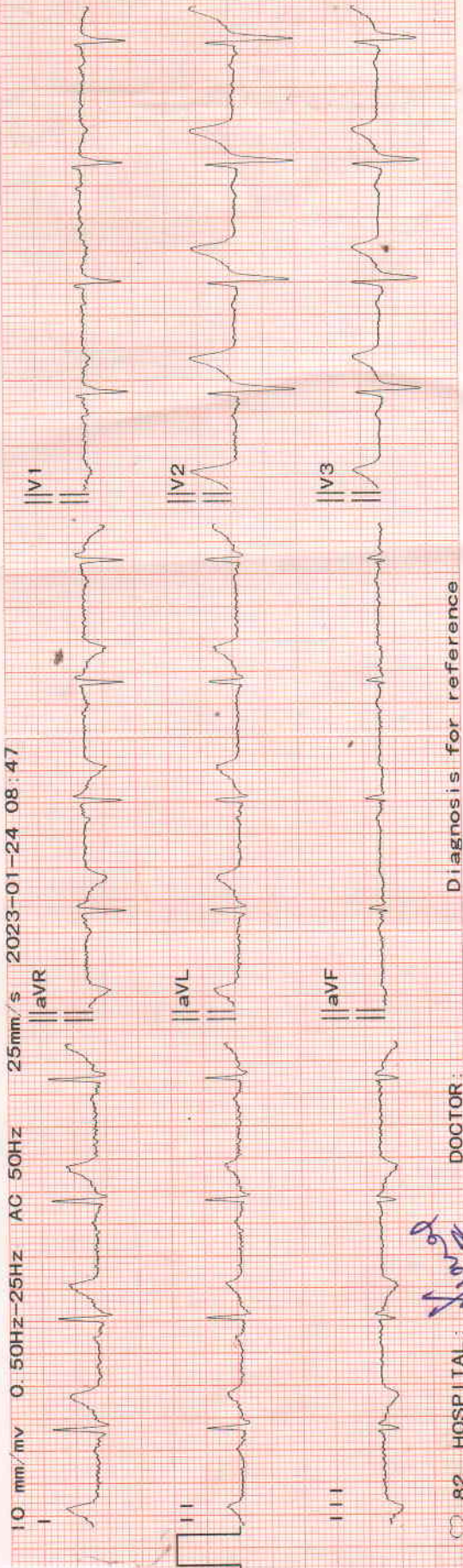
PHYSICAL ASSESSMENT FORMAT

Date of Examination	24/01/23	
NAME	KUNAL KUMAR	
DOB		Gender Male
HEIGHT (cm)	160	WEIGHT (Kg) 90
CHEST (cm)	118	ABDOMEN (cm) 116
B.P	130/76	
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	35.2	

Kunal
Insured's Sign

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

KUNAL KUMAR 24/01/23



82 HOSPITAL: *Kurzi* DOCTOR:

Lead	ECG Trace	ID	NAME	AGE	HEIGHT	HR	BP	SEX	WEIGHT	mmHg	kg	Minnesota Code
V4		2301240001		yr	cm	82 bpm						
V5						110 ms						
V6						153 ms						
						90 ms						
						307/359 ms						
						P/QRS/T axis: 22/4/0						
						RV5/SV1 amp: 0.886/0.699 mV						
						RV5+SV1 amp: 1.585 mV						
						RV6/SV2 amp: 0.798/0.933 mV						

Diagnosis Info
 800: Sinus Rhythm

Normal ECG
Dr. Vishwa Deepak
 M.B.S., M.S.
 Consulting Physician & Surgeon
 ECG Reg. No.: 18296

Confirmed By:



Quality Management Services
ISO-9001:2015 Certified Lab

MEERUT HISTOPATHOLOGY CENTRE

Laboratory Test-Report

NAME : Mr. Kunal Kumar
REFERRED BY : Dr.
SAMPLE : Blood,urine

DATE : 24/01/2023
AGE :
SEX : Male

TEST NAME	RESULTS	UNITS	REF.-RANGE
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HAEMATOLOGY

Complete Blood Counts	-		
HAEMOGLOBIN	13.8	GM%	13.5 - 17.5
TOTAL LEUCOCYTE COUNT :	7,200 cells	/Cu mm	4,500-11,000
DIFFERENTIAL LEUCOCYTE COUNT :			
Neutrophils :	63	%.	50-70
Lymphocytes :	28	%.	25-40
Eosinophils :	04	%.	1-4
Monocytes :	05	%.	3-8
Basophils :	00	%.	0-1
TOTAL R.B.C. COUNT	5.0	million/cu mm	4.5 - 6.5
PLATELET COUNT :	230	thousand/cum	150-450
P.C.V.	42.1	%.	35 - 54
MCV	84.2	fL	76-98
M C H	27.6	pg	27 - 32
M C H C	32.7	g/dl	31-35
E.S.R. (Westergren Method) :			0-15
	12	mm in 1st Hr	

BIOCHEMISTRY

BLOOD SUGAR (FASTING)	81.7	mg/dL	70 - 100
LIPID PROFILE :			
SERUM TRIGYCERIDE:	152.4	mg/dl	50-160
SERUM CHOLESTEROL :	161.3	mg/dL.	130 - 200
HDL CHOLESTEROL :	52.0	mg/dL.	30 - 70
VLDL CHOLESTEROL :	30.4	mg/dL.	25 - 40
LDL CHOLESTEROL :	78.9	mg/dL.	85 - 150
CHOL/HDL CHOLESTROL RATIO	3.1	Low Risk	0.0 - 3.5
		Mod.Risk	3.5 - 5.0
		High Risk	> 5.0
LDL/HDL RATIO	1.5	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:	0.27	mg/dL.	0.1 - 0.3
INDIRECT:	0.49	mg/dL.	0.2 - 0.7
S.G.P.T. :	69.2	U/L	5 - 45
S.G.O.T. :	49.4	U/L	5 - 45

G.G.T.P. :

SERUM ALK. PHOSPHATASE :	22.1	U/L	5.0-35.0 (37 C)
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SERUM PROTEINS :

TOTAL PROTEINS:	6.9	Gm/dL.	5.5 - 8.5
ALBUMIN:	4.3	Gm/dL.	3.5 - 5.5
GLOBULIN:	2.6	Gm/dL.	2.3 - 3.5
A : G RATIO:	1.6		

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) :	4.4	mg/dL.	2.5 - 7.0
SERUM POTASSIUM (K) :	140.2	mEq/litre.	135 - 147
SERUM CHLORIDE (Cl) :	4.3	mEq/litre.	3.5 - 5.4
	98.7	m Eq/litre.	96 - 106

--{End of Report}--

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HORMONE

THYROID PROFILE :

Triiodothyronine (T3) :	1.25	nmol/litre.	0.95 - 2.5
Thyroxine (T4) :	93.4	nmol/litre.	60 - 120
THYROID STIMULATING HORMONE(TSH)	2.24	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.

CLINICAL PATHOLOGY

URINE EXAMINATION REPORT :

PHYSICAL EXAMINATION :

Volume :	20	ml
Colour :	Pale Yellow	
Appearance :	Clear	
Odour:	Aromatic	
Sediments :	Nil	
Sp. Gravity:	1030	

BIOCHEMICAL EXAMINATION :

Sugar :	Nil
Albumin :	Nil
Reaction :	Acidic

MICROSCOPIC EXAMINATION :

Red Blood Cells :	Nil	/H.P.F.
Pus Cells :	2-3	/H.P.F.
Epithelial Cells :	4-5	/H.P.F.

GLYCOSYLATED HAEMOGLOBIN A1c	5.6	%	4.3 - 6.4
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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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Consultant Pathologist

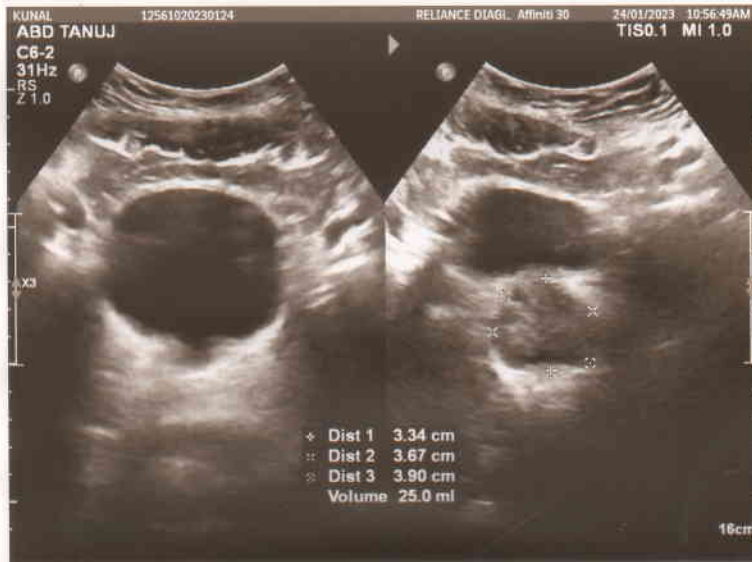
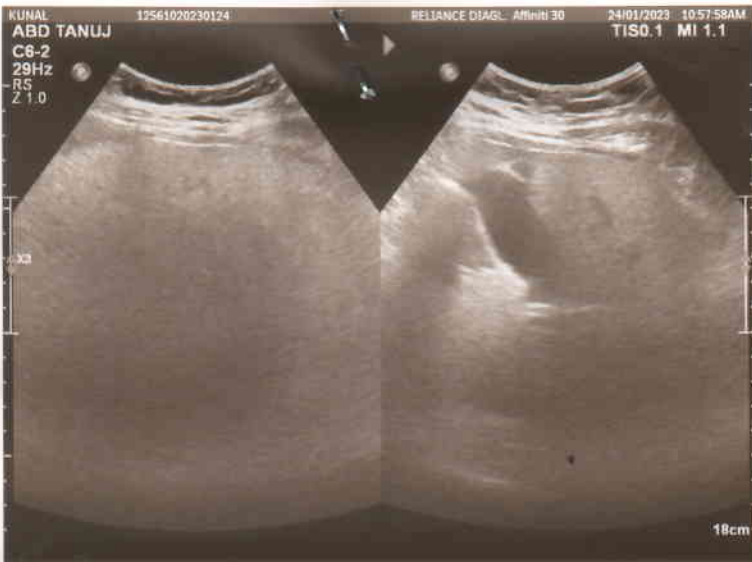
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Patient's Name	Mr. KUNAL KUMAR	Age /Sex	28 Y/M
Referred By		Dated	24 JAN 2023

WHOLE ABDOMEN SONOGRAPHY

LIVER is enlarged in size with increased echogenicity . No focal lesion is seen. Intrahepatic biliary radicles are normal. Liver margins are normal.

GALL BLADDER is well filled. Wall thickness is normal. No pericholecystic fluid is seen. No calculus / focal mass is seen.

CBD appears to be normal in caliber. No calculus is seen.

PORTAL VEIN appears to be normal in course and caliber.

PANCREAS is normal in shape, size and echotexture. MPD is normal.

SPLEEN is normal in shape, size and echotexture.

RIGHT KIDNEY is normal in size, shape and position and echotexture. Pelvicalyceal system is normal. No evidence of hydronephrosis or calculus is seen. Cortico medullary differentiation is maintained. Renal cortical thickness is normal. Renal margins are normal.

LEFT KIDNEY is normal in size, shape and position and echotexture. Pelvicalyceal system is normal. No evidence of hydronephrosis or calculus is seen. Cortico medullary differentiation is maintained. Renal cortical thickness is normal. Renal margins are normal.

URINARY BLADDER is well filled. No calculus is seen in the lumen. **Prevoid urinary bladder volume 160 cc. Postvoid urinary bladder volume – nil.**

PROSTATE: is enlarged. Measuring 39x36x33 mm volume 25.3 cc Capsule is intact.

Parenchymal echoes are homogeneous.

Seminal vesicles are normal.

No evidence of retroperitoneal lymphadenopathy bilateral pleural effusion or ascites is seen.

IMPRESSION:

- ❖ HEPATOMEGALY WITH FATTY CHANGES
- ❖ GRADE I PROSTATIC ENLARGEMENT WITHOUT RESIDUAL URINE

DR. TANUJ GARG, MD
CONSULTANT RADIOLOGIST

Patient's Name	Mr. KUNAL KUMAR	Age /Sex	28 Y/M
Referred By		Dated	24 JAN 2023

X- RAY CHEST PA VIEW

Soft tissue and bony thorax is normal.

Trachea is normal.

Both domes of diaphragm are normal.

Both C. P. angles are normal.

Both hila are normal.

Vascular marking are normal.

C.T. ratio is normal.

IMPRESSION

NO OBVIOUS ABNORMALITY DETECTED



DR. TANUJ GARG, MD
CONSULTANT RADIOLOGIST

R

Meerut, ECG, TMT AND SPIROMETRY CENTRE

MEERUT UP

TREADMILL TEST SUMMARY REPORT

Mr. Kunal kumar Age/Sex : 28/M Ref. by Meerut histo Pathology Centre Indication1 : Diagnostic Indication2 : Diagnostic Indication3 : Diagnostic	ID : 97 Ht/Wt : 160/90 Recorded : 24-1-2023 8:59	Protocol: BRUCE History: Medication1 : Nil Medication2 : Nil Medication3 : Nil	B.P. (mmHg)	RPP X100	II	ST LEVEL (mm) V2	V5	METS			
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											
STANDING					84	128/82	107	1.0	3.6	2.0	
HYPERTENT	0:19	0:19			91	130/84	118	1.1	3.4	1.7	
					94	132/86	124	0.9	2.8	1.8	
STAGE 1	2:59	2:59	2.70	10.00	117	134/88	156	1.1	2.9	1.9	4.80
STAGE 2	5:59	2:59	4.00	12.00	130	136/90	176	1.0	2.5	1.8	7.10
STAGE 3	8:59	2:59	5.40	14.00	149	138/92	205	0.7	2.5	1.3	10.00
STAGE 4	9:22	0:22	6.70	16.00	137	140/94	191	-1.1	1.4	0.6	10.49
PEAK EXER	9:28	0:28			115	140/94	161	-0.6	1.0	0.5	10.63
RECOVERY	2:59	2:59	0.00	0.00	103	140/94	144	0.2	0.7	0.3	
RESULTS	Exercise Duration : 9:28 Minutes Max Heart Rate : 149 bpm 77 % of target heart rate 192 bpm Max Blood Pressure : 140/94 mmHg Max Work Load : 10.63 METS										
IMPRESSIONS	Asymptomatic T.M.T is negative										

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

Cardiologist

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Meerut, ECG, TMT AND SPIROMETRY CENTRE

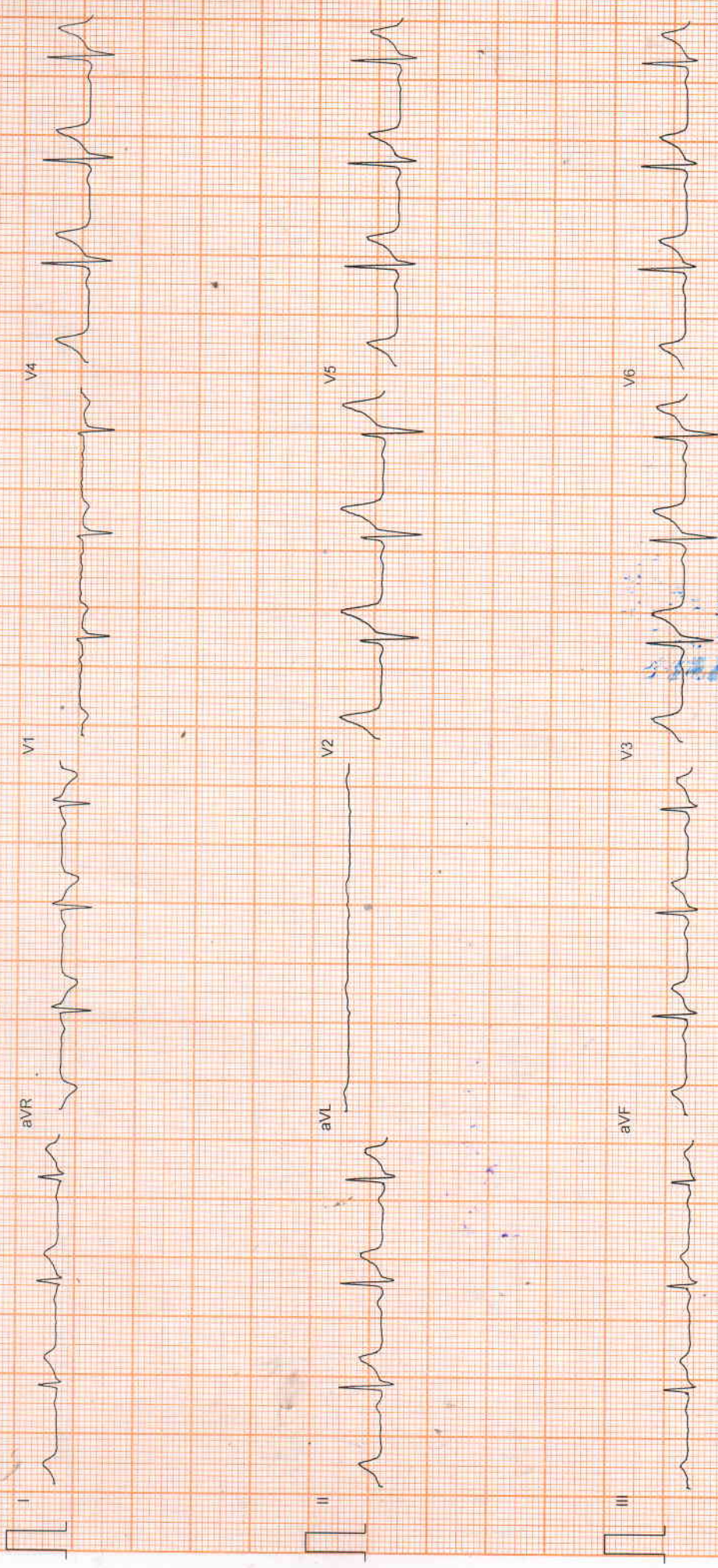
Mr. kunal kumar
I.D. : 97
AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59

RATE : 84 BPM
B.P. : 128/82 mmHg

SUPINE
PRETEST

ST @ 10mm/mV
80ms PostJ

RAW E.C.G



Filtered

25mm/sec 10mm/mV

CardiCom, INDIA

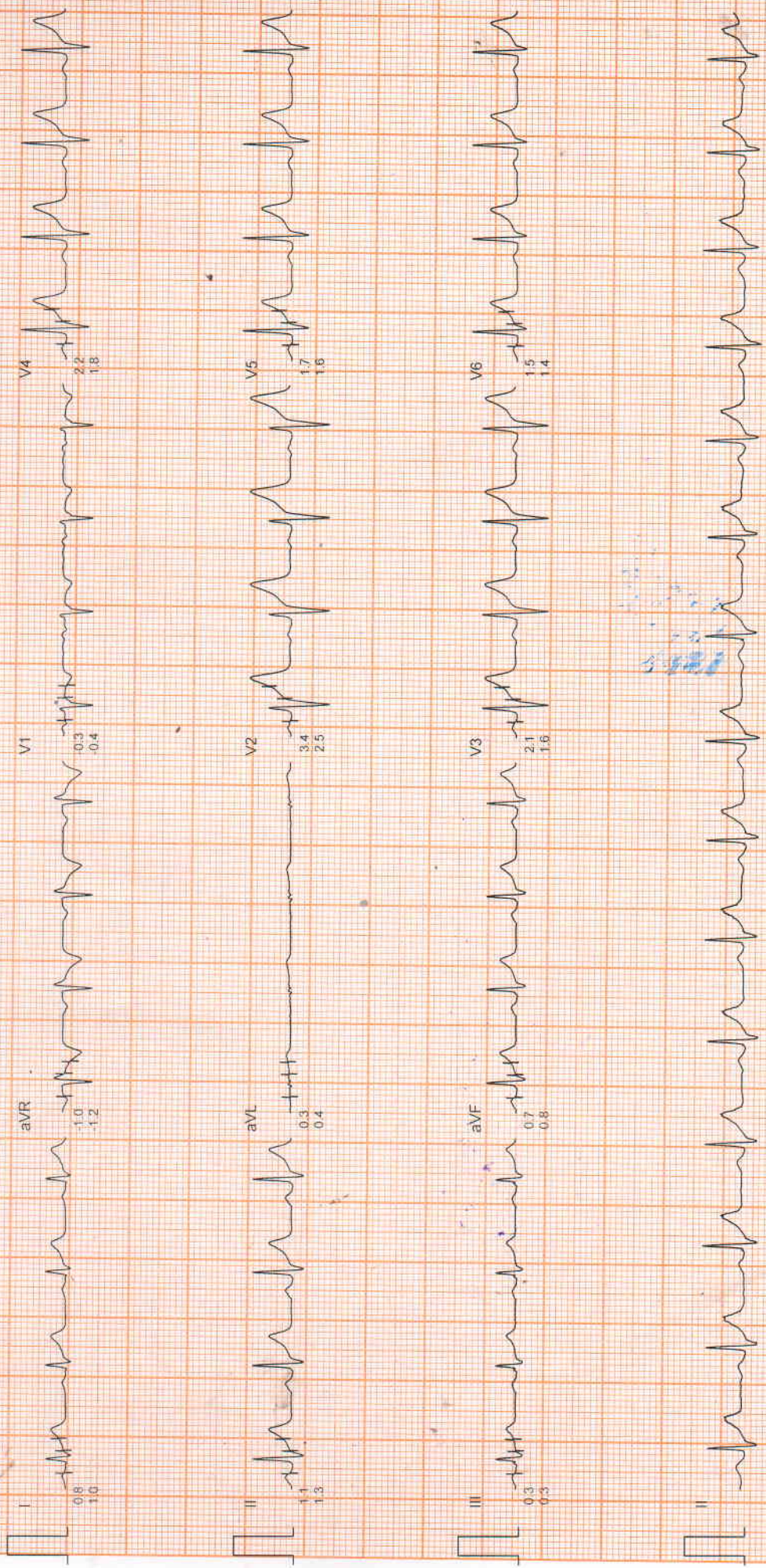
Meerut, ECG, TMT AND SPIROMETRY CENTRE

ST @ 10mm/mv
80ms PostJ

STANDING
PRETEST

Mr. kunal kumar
I.D. : 97
AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59
RATE : 91 BPM
B.P. : 130/84 mmHg

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mv

CardiCom, INDIA

Meerut, ECG, TMT AND SPIROMETRY CENTRE

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I.D. : 97
AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59

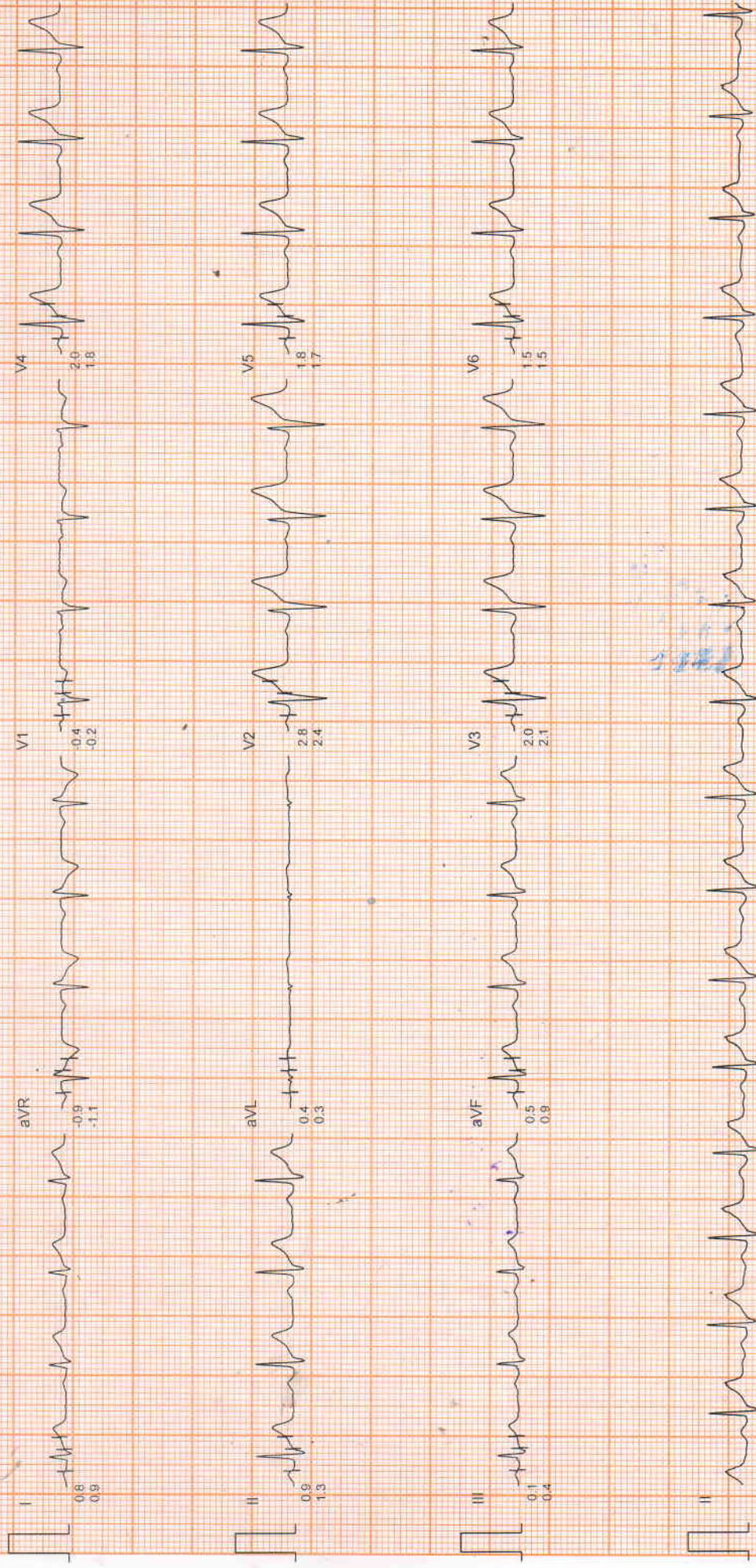
HYPERVENTILATION
PRETEST

RATE : 94 BPM
B.P. : 132/86 mmHg

ST @ 10mm/mV
80ms PostJ

STAGE TIME : 0:19

LINKED MEDIAN



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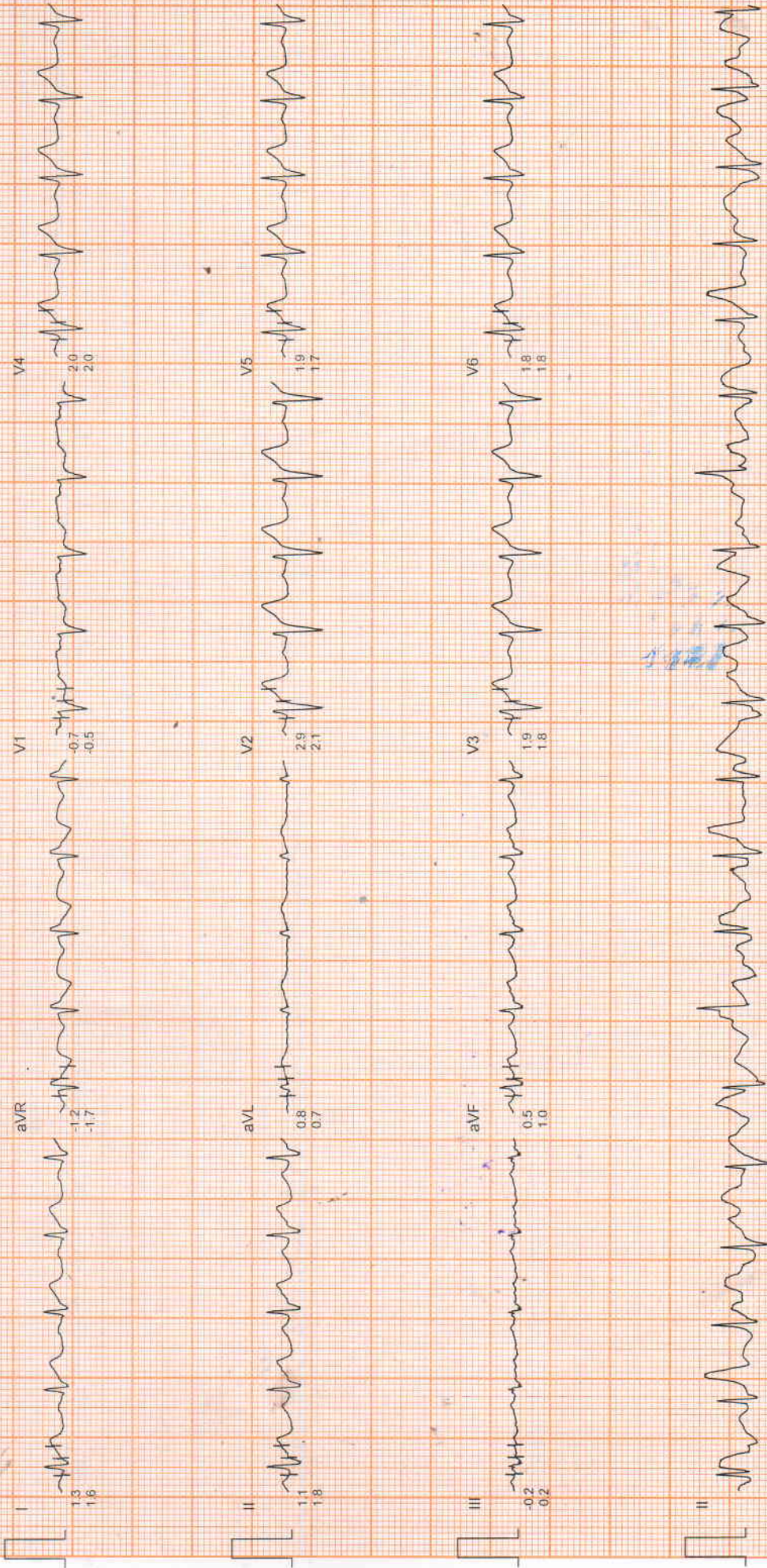
Mr. kunal kumar
I.D. : 97
AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59

RATE : 117 BPM
B.P. : 134/88 mmHg

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

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

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCom, INDIA

Meerut, ECG, TMT AND SPIROMETRY CENTRE

Mr. kunal kumar
I.D. : 97
AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59

RATE : 130 BPM
B.P. : 136/90 mmHg

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

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

LINKED MEDIAN



Meerut, ECG, TMT AND SPIROMETRY CENTRE

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

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

Mr. kunal kumar
I.D. : 97
AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59
RATE : 149 BPM
B.P. : 138/92 mmHg



Meerut, ECG, TMT AND SPIROMETRY CENTRE

Mr. kunal kumar
I.D. : 97

AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59

RATE : 137 BPM
B.P. : 140/94 mmHg

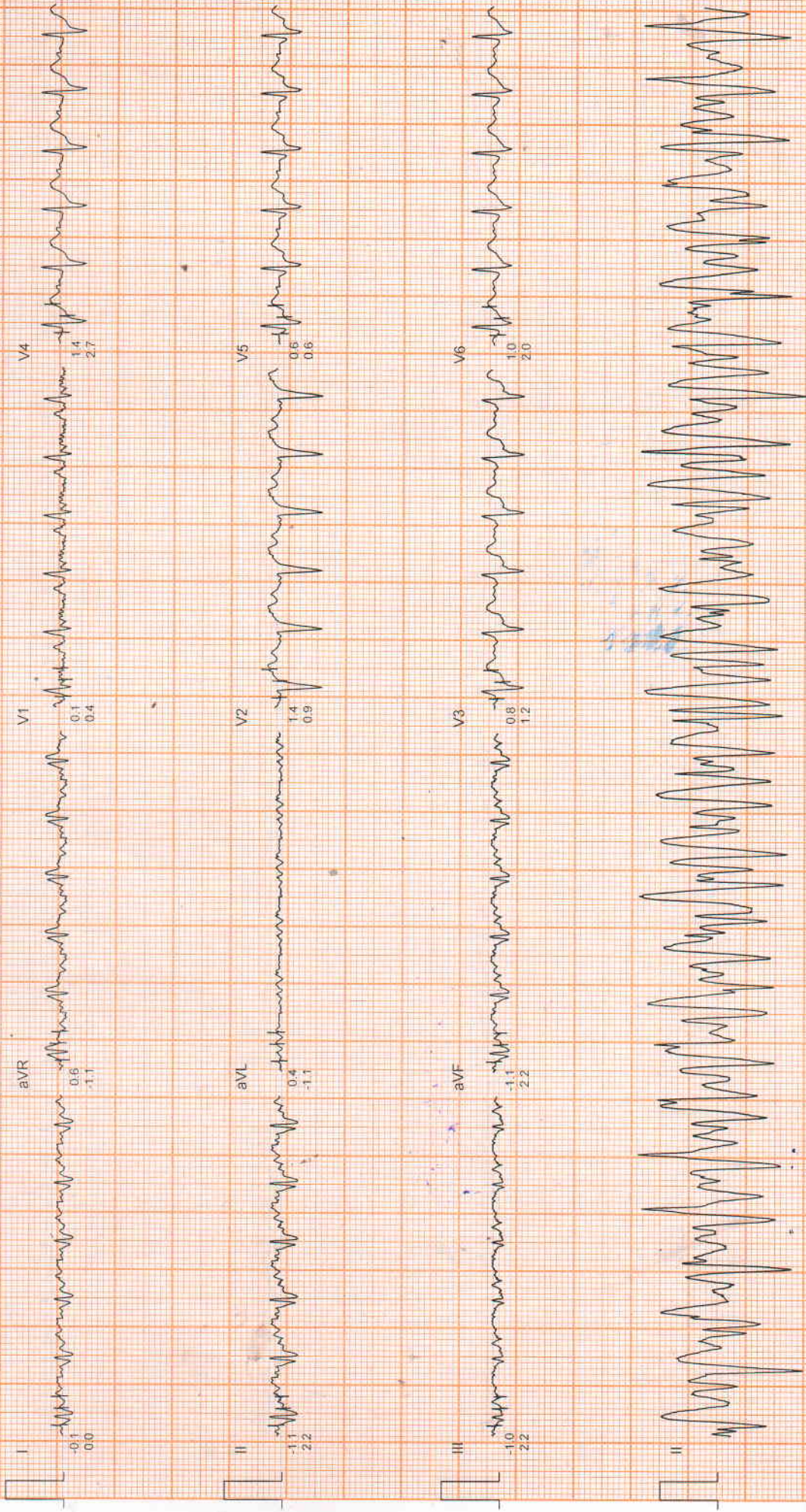
BRUCE
EXERCISE 4

PHASE TIME : 9:22
STAGE TIME : 0:22

ST @ 10mm/mV
80ms PostJ

SPEED : 6.7 Km/Hr.
GRADE : 16.0 %

LINKED MEDIAN



Meerut, ECG, TMT AND SPIROMETRY CENTRE

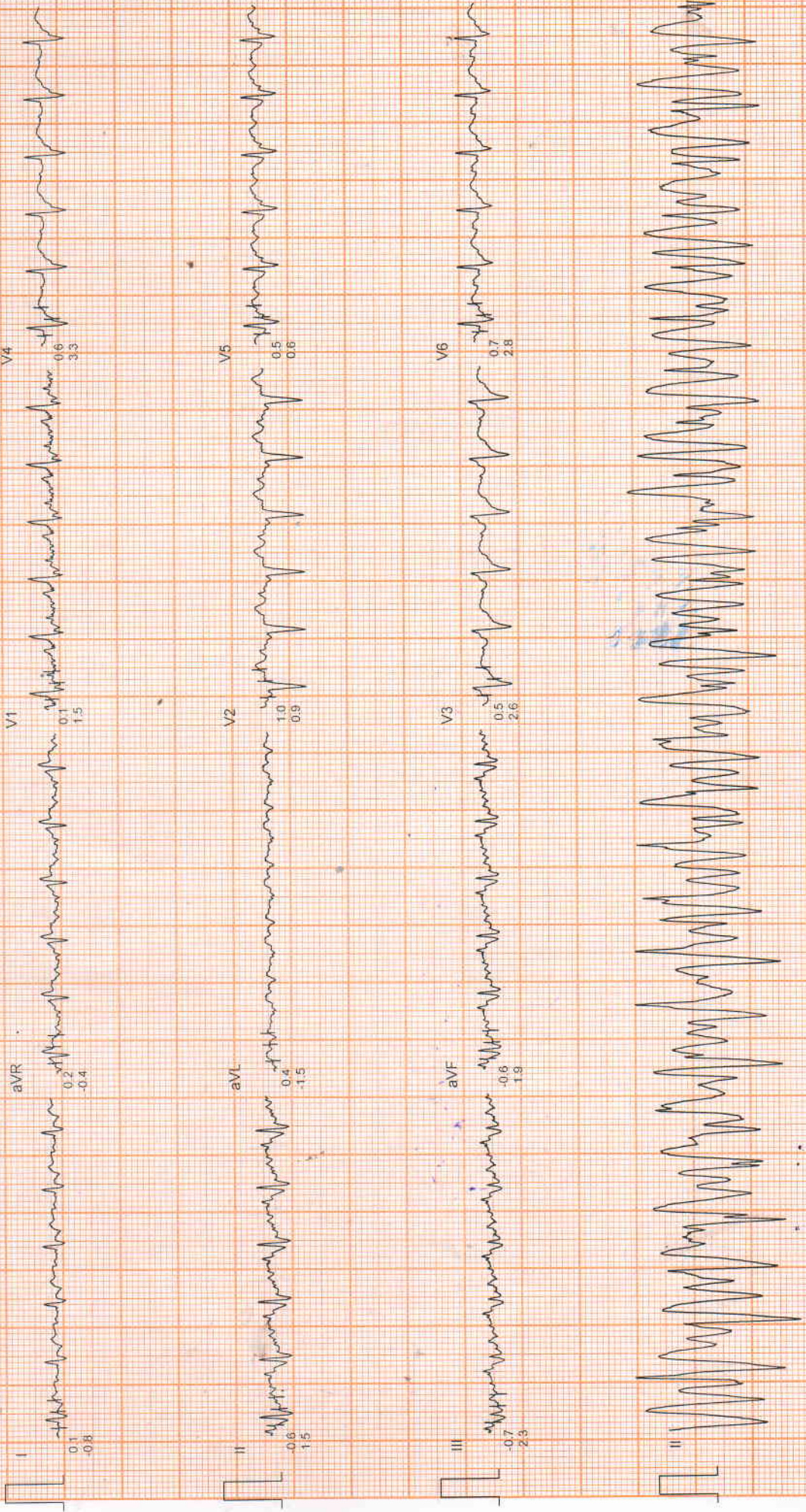
Mr. kunal kumar
I.D. : 97
AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59

RATE : 115 BPM
B.P. : 140/94 mmHg

BRUCE
PEAK EXER
PHASE TIME : 9:28
STAGE TIME : 0:28

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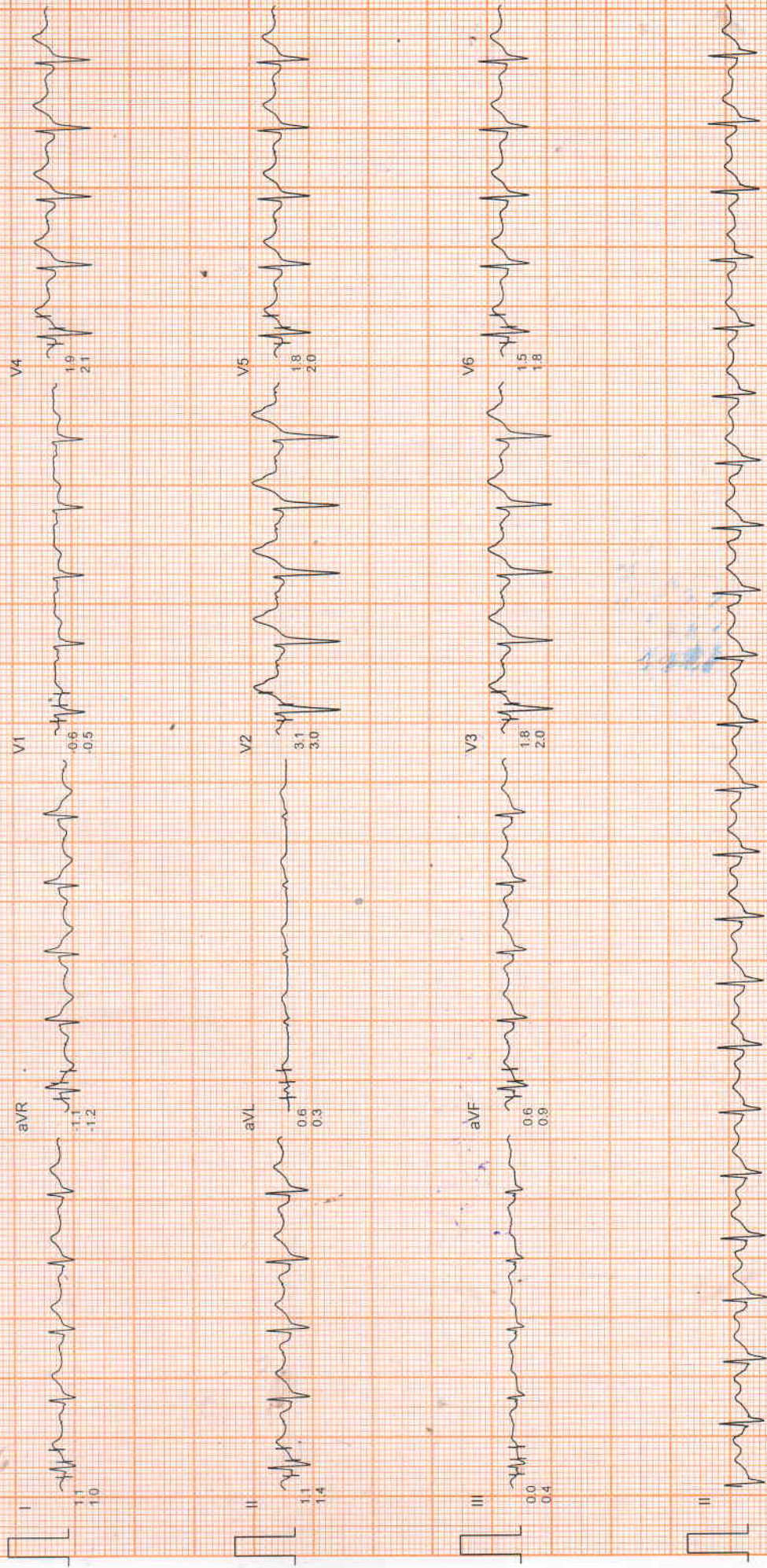
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ST @ 10mm/mV
80ms PostJ
SPEED : 0.0 Km./Hr.
GRADE : 0.0 %

BRUCE
RECOVERY
PHASE TIME : 1:05

Mr. kunal kumar
I.D : 97
AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59
RATE : 134 BPM
B.P. : 140/94 mmHg

LINKED MEDIAN



Meerut, ECG, TMT AND SPIROMETRY CENTRE

Mr. kunal kumar
I.D. : 97

AGE/SEX : 28/M
RECORDED : 24-1-2023 8:59

RATE : 103 BPM
B.P. : 140/94 mmHg

BRUCE
RECOVERY
PHASE TIME : 2:59

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

LINKED MEDIAN

