

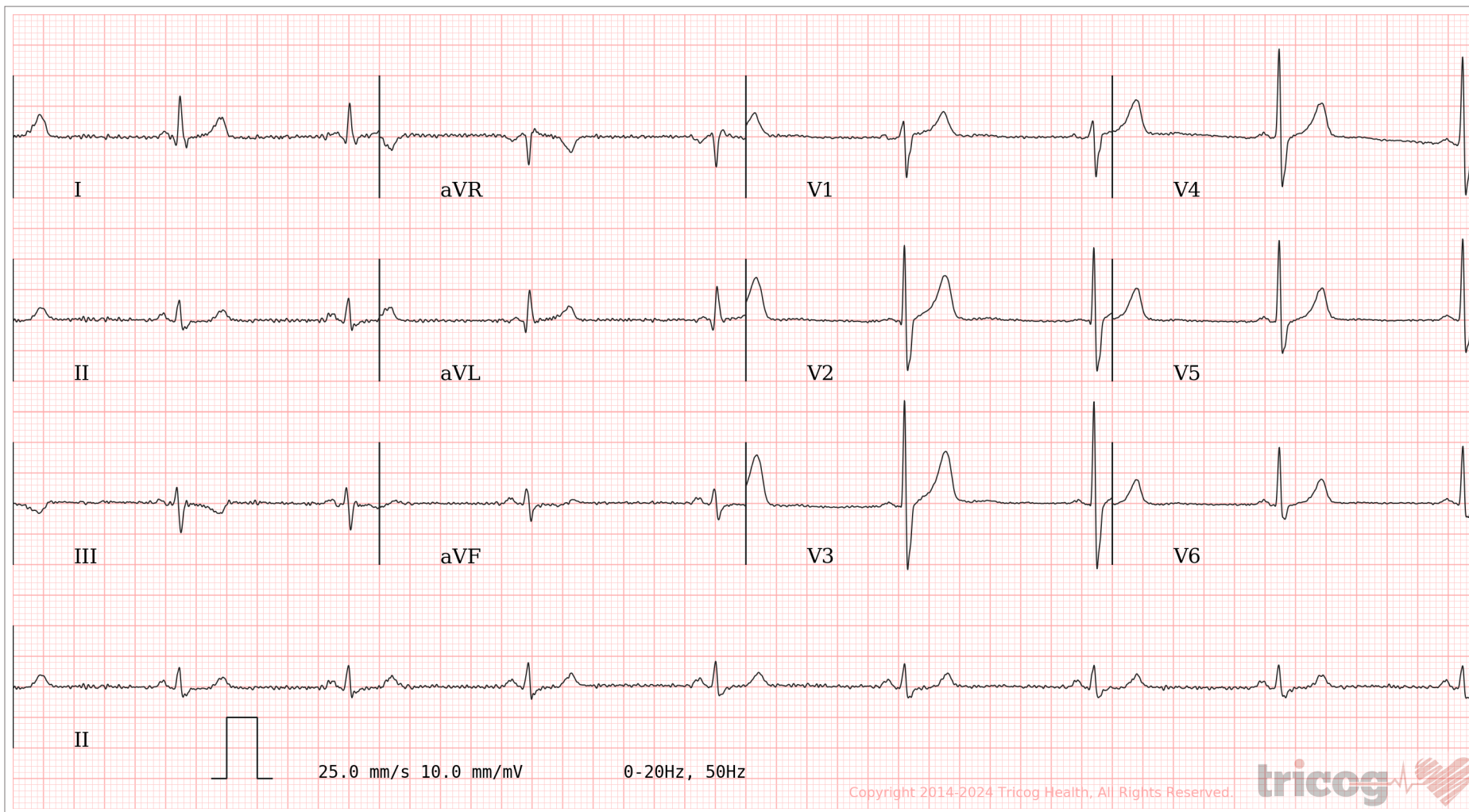


Age / Gender: 41/Male

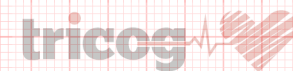
Date and Time: 10th Feb 24 10:16 AM

Patient ID: CVAR0110992324

Patient Name: Mr.TARUN KUMAR MANGALAM - BOBE37784



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AR: 50bpm    VR: 50bpm    QRSD: 94ms    QT: 394ms    QTcB: 359ms    PRI: 122ms    P-R-T: 54° 2° 13°

Abnormal: Sinus Bradycardia. Please correlate clinically.

AUTHORIZED BY

Dr. Charit  
MD, DM: Cardiology

63382

REPORTED BY

Dr Prathima S.K



# CHANDAN DIAGNOSTIC CENTRE

Add: 99, Shivaji Nagar Mahmoorganj, Varanasi  
Ph: 9235447795,0542-3500227  
CIN : U85110DL2003PLC308206



Patient Name	: Mr.TARUN KUMAR MANGALAM -BOBE37784	Registered On	: 10/Feb/2024 09:40:18
Age/Gender	: 41 Y 0 M 0 D /M	Collected	: 10/Feb/2024 11:32:22
UHID/MR NO	: CVAR.0000036960	Received	: 10/Feb/2024 11:47:14
Visit ID	: CVAR0110992324	Reported	: 10/Feb/2024 13:36:03
Ref Doctor	: Dr.MEDIWHEEL VNS -	Status	: Final Report

## DEPARTMENT OF HAEMATOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### Blood Group (ABO & Rh typing) \* , Blood

Blood Group	O			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Rh ( Anti-D)	POSITIVE			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA

#### Complete Blood Count (CBC) \* , Whole Blood

Haemoglobin	13.40	g/dl	1 Day- 14.5-22.5 g/dl 1 Wk- 13.5-19.5 g/dl 1 Mo- 10.0-18.0 g/dl 3-6 Mo- 9.5-13.5 g/dl 0.5-2 Yr- 10.5-13.5 g/dl 2-6 Yr- 11.5-15.5 g/dl 6-12 Yr- 11.5-15.5 g/dl 12-18 Yr 13.0-16.0 g/dl Male- 13.5-17.5 g/dl Female- 12.0-15.5 g/dl	
TLC (WBC)	4,900.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
<b>DLC</b>				
Polymorphs (Neutrophils )	65.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	30.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	2.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	3.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	<1	ELECTRONIC IMPEDANCE
<b>ESR</b>				
Observed	10.00	Mm for 1st hr.		
Corrected	6.00	Mm for 1st hr.	<9	
PCV (HCT)	39.00	%	40-54	
Platelet count				
Platelet Count	1.50	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.30	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	nr	%	35-60	ELECTRONIC IMPEDANCE





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## DEPARTMENT OF HAEMATOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
PCT (Platelet Hematocrit)	nr	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	nr	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBCCount				
RBC Count	4.24	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				
MCV	92.00	fL	80-100	CALCULATED PARAMETER
MCH	31.70	pg	28-35	CALCULATED PARAMETER
MCHC	34.40	%	30-38	CALCULATED PARAMETER
RDW-CV	13.20	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	46.30	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	3,185.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	147.00	/cu mm	40-440	

S.N. Sinha

Dr.S.N. Sinha (MD Path)





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CIN : U85110DL2003PLC308206



Patient Name	: Mr.TARUN KUMAR MANGALAM -BOBE37784	Registered On	: 10/Feb/2024 09:40:20
Age/Gender	: 41 Y 0 M 0 D /M	Collected	: 10/Feb/2024 12:40:30
UHID/MR NO	: CVAR.0000036960	Received	: 10/Feb/2024 12:42:28
Visit ID	: CVAR0110992324	Reported	: 10/Feb/2024 15:18:19
Ref Doctor	: Dr.MEDIWHEEL VNS -	Status	: Final Report

## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### GLUCOSE FASTING , Plasma

Glucose Fasting	77.00	mg/dl	< 100 Normal 100-125 Pre-diabetes ≥ 126 Diabetes	GOD POD
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#### Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetes in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.

Glucose PP Sample:Plasma After Meal	125.00	mg/dl	<140 Normal 140-199 Pre-diabetes >200 Diabetes	GOD POD
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#### Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetes in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.

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UHID/MR NO	: CVAR.0000036960	Received	: 11/Feb/2024 12:10:45
Visit ID	: CVAR0110992324	Reported	: 11/Feb/2024 13:02:03
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## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### GLYCOSYLATED HAEMOGLOBIN (HBA1C) \*\* , EDTA BLOOD

Glycosylated Haemoglobin (HbA1c)	5.40	% NGSP		HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	36.00	mmol/mol/IFCC		
Estimated Average Glucose (eAG)	108	mg/dl		

#### Interpretation:

##### NOTE:-

- eAG is directly related to A1c.
- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes management.

The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy and the age of the patient should also be considered in assessing the degree of blood glucose control.

Haemoglobin A1C (%)NGSP	mmol/mol / IFCC Unit	eAG (mg/dl)	Degree of Glucose Control Unit
> 8	>63.9	>183	Action Suggested*
7-8	53.0 -63.9	154-183	Fair Control
< 7	<63.9	<154	Goal**
6-7	42.1 -63.9	126-154	Near-normal glycemia
< 6%	<42.1	<126	Non-diabetic level

\*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc.

\*\*Some danger of hypoglycemic reaction in Type 1diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.

N.B. : Test carried out on Automated VARIANT II TURBO HPLC Analyser.

#### Clinical Implications:

\*Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.

\*With optimal control, the HbA 1c moves toward normal levels.

\*A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated \*Increases in glycosylated hemoglobin occur in the following non-diabetic conditions: a. Iron-deficiency anemia b. Splenectomy





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## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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c. Alcohol toxicity d. Lead toxicity

\*Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss

\*Pregnancy d. chronic renal failure. Interfering Factors:

\*Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.



**Dr. Anupam Singh (MBBS MD Pathology)**





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UHID/MR NO	: CVAR.0000036960	Received	: 10/Feb/2024 11:47:14
Visit ID	: CVAR0110992324	Reported	: 10/Feb/2024 14:56:06
Ref Doctor	: Dr.MEDIWHEEL VNS -	Status	: Final Report

## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
BUN (Blood Urea Nitrogen) <i>Sample: Serum</i>	11.40	mg/dL	7.0-23.0	CALCULATED
Creatinine <i>Sample: Serum</i>	0.80	mg/dl	0.6-1.30	MODIFIED JAFFES
Uric Acid <i>Sample: Serum</i>	5.60	mg/dl	3.4-7.0	URICASE
<b>LFT (WITH GAMMA GT) * , Serum</b>				
SGOT / Aspartate Aminotransferase (AST)	24.60	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	12.60	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	18.70	IU/L	11-50	OPTIMIZED SZAIZING
Protein	6.70	gm/dl	6.2-8.0	BIURET
Albumin	4.10	gm/dl	3.4-5.4	B.C.G.
Globulin	2.60	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.58		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	122.40	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	0.80	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.30	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.50	mg/dl	< 0.8	JENDRASSIK & GROF
<b>LIPID PROFILE ( MINI ) , Serum</b>				
Cholesterol (Total)	137.00	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	46.80	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	76	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optimal 130-159 Borderline High 160-189 High > 190 Very High	CALCULATED
VLDL	14.66	mg/dl	10-33	CALCULATED
Triglycerides	73.30	mg/dl	< 150 Normal 150-199 Borderline High 200-499 High >500 Very High	GPO-P

S.N. Sinha  
Dr.S.N. Sinha (MD Path)





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CIN : U85110DL2003PLC308206



Patient Name	: Mr.TARUN KUMAR MANGALAM -BOBE37784	Registered On	: 10/Feb/2024 09:40:20
Age/Gender	: 41 Y 0 M 0 D /M	Collected	: 10/Feb/2024 11:32:22
UHID/MR NO	: CVAR.0000036960	Received	: 10/Feb/2024 11:47:14
Visit ID	: CVAR0110992324	Reported	: 10/Feb/2024 16:27:07
Ref Doctor	: Dr.MEDIWHEEL VNS -	Status	: Final Report

## DEPARTMENT OF CLINICAL PATHOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### URINE EXAMINATION, ROUTINE\* , Urine

Color	PALE YELLOW			
Specific Gravity	1.015			
Reaction PH	Acidic ( 5.5 )			DIPSTICK
Appearance	CLEAR			
Protein	ABSENT	mg %	< 10 Absent 10-40 (+) 40-200 (++) 200-500 (+++) > 500 (++++)	DIPSTICK
Sugar	ABSENT	gms%	< 0.5 (+) 0.5-1.0 (++) 1-2 (+++) > 2 (++++)	DIPSTICK
Ketone	ABSENT	mg/dl	0.1-3.0	BIOCHEMISTRY
Bile Salts	ABSENT			
Bile Pigments	ABSENT			
Bilirubin	ABSENT			DIPSTICK
Leucocyte Esterase	ABSENT			DIPSTICK
Urobilinogen(1:20 dilution)	ABSENT			
Nitrite	ABSENT			DIPSTICK
Blood	ABSENT			DIPSTICK
Microscopic Examination:				
Epithelial cells	2-3/h.p.f			MICROSCOPIC EXAMINATION
Pus cells	ABSENT			
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC EXAMINATION
Others	ABSENT			

#### SUGAR, FASTING STAGE\* , Urine

Sugar, Fasting stage	ABSENT	gms%
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#### Interpretation:







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## DEPARTMENT OF CLINICAL PATHOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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- (+) < 0.5
- (++) 0.5-1.0
- (+++) 1-2
- (++++) > 2



*S.N. Sinha*

Dr.S.N. Sinha (MD Path)





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UHID/MR NO	: CVAR.0000036960	Received	: 11/Feb/2024 11:12:51
Visit ID	: CVAR0110992324	Reported	: 11/Feb/2024 13:10:46
Ref Doctor	: Dr.MEDIWHEEL VNS -	Status	: Final Report

## DEPARTMENT OF IMMUNOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
PSA (Prostate Specific Antigen), Total ** Sample: Serum	0.47	ng/mL	<4.1	CLIA

#### Interpretation:

1. PSA is detected in the serum of males with normal, benign hypertrophic, and malignant prostate tissue.
2. Measurement of serum PSA levels is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels also are observed in patients with benign prostatic hypertrophy. However, studies suggest that the measurement of PSA in conjunction with digital rectal examination (DRE) and ultrasound provide a better method of detecting prostate cancer than DRE alone.
3. PSA levels increase in men with cancer of the prostate, and after radical prostatectomy PSA levels routinely fall to the undetectable range.
4. If prostatic tissue remains after surgery or metastasis has occurred, PSA appears to be useful in detecting residual and early recurrence of tumor.
5. Therefore, serial PSA levels can help determine the success of prostatectomy, and the need for further treatment, such as radiation, endocrine or chemotherapy, and in the monitoring of the effectiveness of therapy.

Dr. Anupam Singh (MBBS MD Pathology)





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Age/Gender	: 41 Y 0 M 0 D /M	Collected	: 10/Feb/2024 11:32:22
UHID/MR NO	: CVAR.0000036960	Received	: 10/Feb/2024 18:39:34
Visit ID	: CVAR0110992324	Reported	: 10/Feb/2024 19:17:58
Ref Doctor	: Dr.MEDIWHEEL VNS -	Status	: Final Report

## DEPARTMENT OF IMMUNOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### THYROID PROFILE - TOTAL \* , Serum

T3, Total (tri-iodothyronine)	146.00	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	8.98	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	3.490	μIU/mL	0.27 - 5.5	CLIA

#### Interpretation:

0.3-4.5	μIU/mL	First Trimester
0.5-4.6	μIU/mL	Second Trimester
0.8-5.2	μIU/mL	Third Trimester
0.5-8.9	μIU/mL	Adults 55-87 Years
0.7-27	μIU/mL	Premature 28-36 Week
2.3-13.2	μIU/mL	Cord Blood > 37Week
0.7-64	μIU/mL	Child(21 wk - 20 Yrs.)
1-39	μIU/mL	Child 0-4 Days
1.7-9.1	μIU/mL	Child 2-20 Week

- 1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.
- 2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.
- 3) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- 4) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- 5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.
- 6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
- 7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.
- 8) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

S.N. Sinha

Dr.S.N. Sinha (MD Path)





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Patient Name	: Mr.TARUN KUMAR MANGALAM -BOBE37784	Registered On	: 10/Feb/2024 09:40:23
Age/Gender	: 41 Y 0 M 0 D /M	Collected	: N/A
UHID/MR NO	: CVAR.0000036960	Received	: N/A
Visit ID	: CVAR0110992324	Reported	: 10/Feb/2024 14:53:54
Ref Doctor	: Dr.MEDIWHEEL VNS -	Status	: Final Report

## DEPARTMENT OF X-RAY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

X-RAY DIGITAL CHEST PA \*

### X-Ray Digital Chest P.A. View

- Lung fields are clear.
- Pleural spaces are clear.
- Both hilar shadows appear normal.
- Trachea and carina appear normal.
- Heart size within normal limits.
- Both the diaphragms appear normal.
- Soft tissues and Bony cage appear normal.

### IMPRESSION

\* NO OBVIOUS DETECTABLE ABNORMALITY SEEN

Dr Raveesh Chandra Roy (MD-Radio)





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Visit ID	: CVAR0110992324	Reported	: 10/Feb/2024 10:25:05
Ref Doctor	: Dr.MEDIWHEEL VNS -	Status	: Final Report

## DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) \*

### WHOLE ABDOMEN ULTRASONOGRAPHY REPORT

#### LIVER

- The liver is normal in size ( **11.9 cm in midclavicular line**) and has a normal homogenous echo texture. No focal lesion is seen.

#### PORTAL SYSTEM

- The intra hepatic portal channels are normal.
- Portal vein is ( **10.5 mm in caliber**) not dilated.
- Porta hepatis is normal.

#### BILIARY SYSTEM

- The intra-hepatic biliary radicles are normal.
- Common bile duct is ( **3.6 mm in caliber**) not dilated.
- The gall bladder is normal in size and has regular walls. Lumen of the gall bladder is anechoic.

#### PANCREAS

- The pancreas is normal in size and shape and has a normal homogenous echotexture. Pancreatic duct is not dilated.

#### KIDNEYS

- **Right kidney:-**
  - Right kidney is normal in size, measuring ~ **11.4 x 4.7 cms.**
  - Cortical echogenicity is normal. Pelvicalyceal system is not dilated.
  - Cortico-medullary demarcation is maintained. Parenchymal thickness appear normal.
- **Left kidney:-**
  - Left kidney is normal in size, measuring ~ **11.5 x 5.1 cms.**
  - Cortical echogenicity is normal. Pelvicalyceal system is not dilated.
  - Cortico-medullary demarcation is maintained. Parenchymal thickness appear normal.

#### SPLEEN

- The spleen is normal in size (~ **10.0 cm in its long axis**) and has a normal homogenous echotexture.





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Patient Name	: Mr.TARUN KUMAR MANGALAM -BOBE37784	Registered On	: 10/Feb/2024 09:40:24
Age/Gender	: 41 Y 0 M 0 D /M	Collected	: N/A
UHID/MR NO	: CVAR.0000036960	Received	: N/A
Visit ID	: CVAR0110992324	Reported	: 10/Feb/2024 10:25:05
Ref Doctor	: Dr.MEDIWHEEL VNS -	Status	: Final Report

## DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

### ILIAC FOSSAE & PERITONEUM

- Scan over the iliac fossae does not reveal any fluid collection or large mass.

### URETERS

- The upper parts of both the ureters are normal.
- Bilateral vesicoureteric junctions are normal.

### URINARY BLADDER

- The urinary bladder is **partially filled**. Bladder wall is normal in thickness and regular.
- **Pre-void urine volume is ~ 46 cc.**

### PROSTATE

- The prostate gland is normal in size (~ **36 x 28 x 23mm / 13 gms**) and normal in echotexture with smooth outline. No median lobe indentation is seen.

### FINAL IMPRESSION:-

- ***No significant sonological abnormality noted.***

Adv : Clinico-pathological-correlation /further evaluation & Follow up

\*\*\* End Of Report \*\*\*

(\*\*) Test Performed at Chandan Speciality Lab.

Result/s to Follow:

STOOL, ROUTINE EXAMINATION, SUGAR, PP STAGE, ECG / EKG, Tread Mill Test (TMT)



Dr Raveesh Chandra Roy (MD-Radio)

This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days.

Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Conduction Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing \*  
365 Days Open \*Facilities Available at Select Location



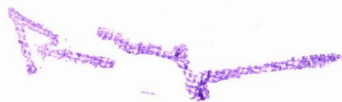
Mr. Tarun Kumar Mangalam

Age - 41 years / male

Stool Sample and Sugar PP stage

Sample not given by client





Chandan Diagnostic Center  
99, Shivaji Nagar, Mahmoorganj  
Varanasi-221010 (U.P.)  
Phone No.: 0542-2223232

Dr. P.C. ROY  
MBBS., MD. (Radio Diagnosis)  
Reg. No. - 26912

# CHANDAN HEALTH CARE LTD.

99-SHIVAJI NAGAR MAHMOORGANJ VARANASI-9839703068

Mr. MR TARUN KUMAR MANGALAM  
 Age/Sex: 41/M  
 Ref by: MEDIWHEEL  
 Indication1:  
 Indication2:  
 Indication3:

ID: 110992324  
 Ht/Wt: 182/94  
 Recorded: 10-02-2024

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					77	120/80	92	0.5	1.2	0.3	
HYPERVERT	0:01	0:01			77	120/80	92	0.5	1.2	0.3	
VALSALVA					77	120/80	92	0.5	1.2	0.3	
STANDING					77	120/80	92	0.5	1.2	0.3	
STAGE 1	2:59	2:59	2.70	10.00	108	120/80	129	-0.5	1.1	0.0	4.80
STAGE 2	5:59	2:59	4.00	12.00	123	138/80	169	-0.7	0.5	-0.2	7.10
STAGE 3	8:59	2:59	5.40	14.00	108	148/84	159	-1.3	0.1	-0.4	10.00
EVENT	11:12	2:12	6.70	15.00	91	156/84	141	0.5	1.5	0.7	12.95
STAGE 4	11:14	2:14	6.70	15.00	117	156/84	182	0.5	1.5	0.7	12.99
PEAK EXER	11:17	2:17			118	156/84	184	0.5	1.4	0.8	13.06
EVENT	0:30	0:30	0.00	0.00	83	154/84	127	0.4	2.0	1.0	
EVENT	1:00	1:00	0.00	0.00	105	152/84	159	1.7	2.9	1.9	
EVENT	2:01	2:01	0.00	0.00	117	144/84	168	1.6	1.0	1.1	
RECOVERY	2:59	2:59	0.00	0.00	113	140/84	158	0.2	0.0	0.1	

## RESULTS

Exercise Duration : 11.17 Minutes  
 Max Heart Rate : 123 bpm - 68 % of target heart rate 179 bpm  
 Max Blood Pressure : 156/84 mmHg  
 Max Work Load : 13.06 METS  
 Reason of Termination :

## IMPRESSIONS

→ Baseline ECG is normal  
 → NO significant ST-T changes seen at peak exercise and recovery.  
 → TMT is negative for AMI

TMT is negative for AMI

Dr. Anil K. Singh  
 Cardiologist  
 M.B.B.S., MD, DM  
 Cardiologist  
 Reg. No: 02794



# CHANDAN HEALTH CARE LTD.

Mr. MR TARUN KUMAR MANGALAM

I.D. : 110992324

AGE/SEX : 41/M

RECORDED : 10-02-2024

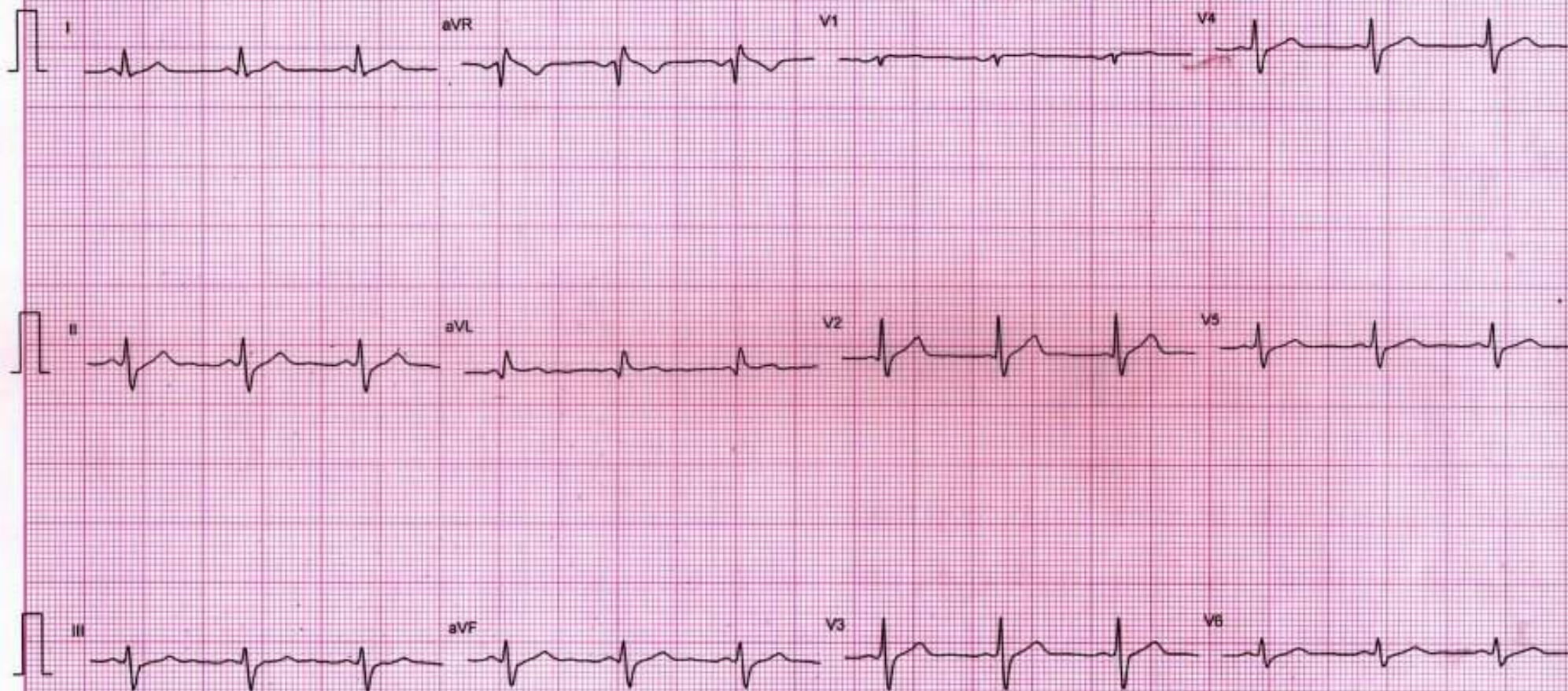
RATE : 77 BPM

B.P. : 120/80 mmHg

SUPINE  
PRETEST

ST @ 10mm/mV  
80ms PostJ

RAW E.C.G.



# CHANDAN HEALTH CARE LTD.

Mr. MR TARUN KUMAR MANGALAM  
I.D. : 110992324  
AGE/SEX : 41/M  
RECORDED : 10-02-2024

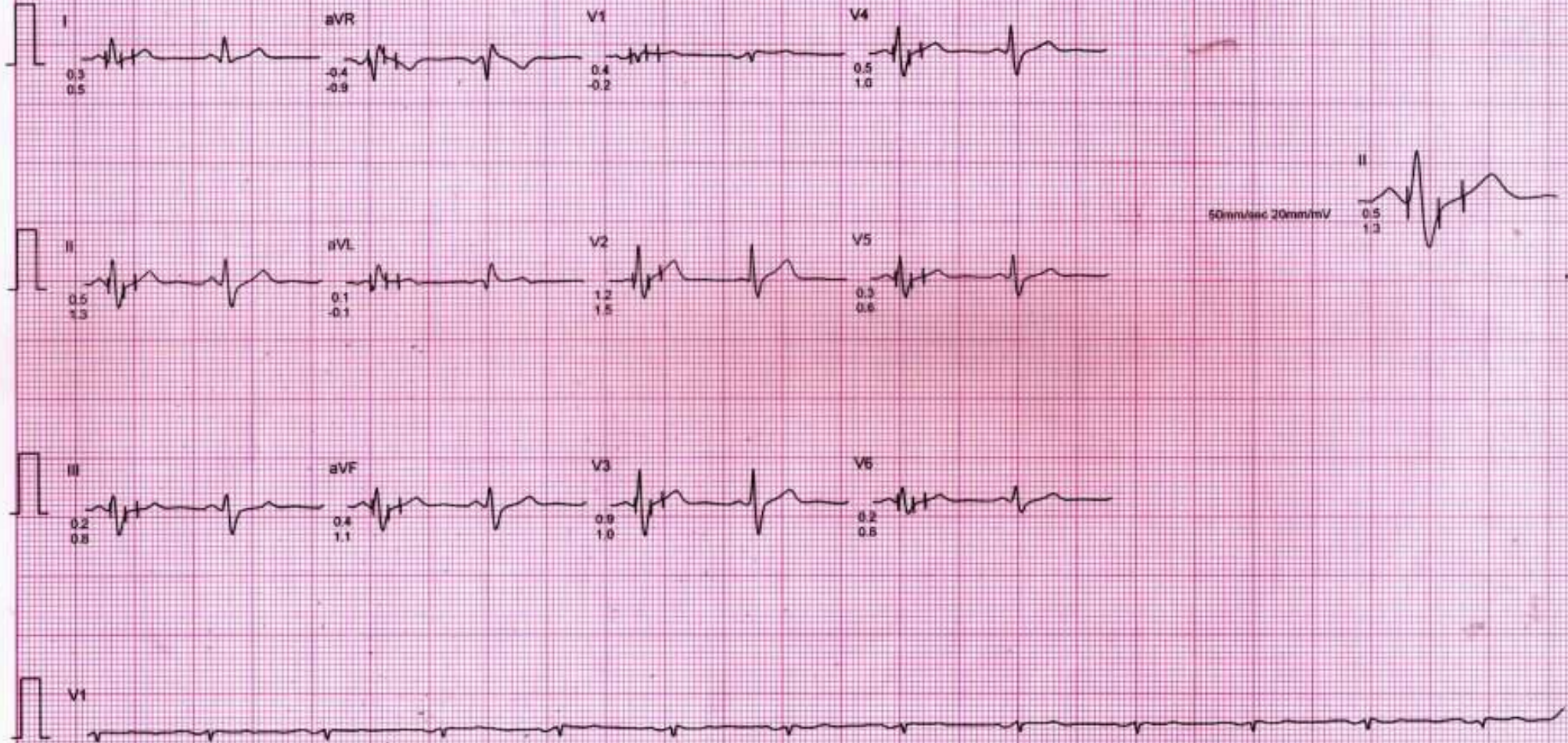
RATE : 77 BPM  
B.P. : 120/80 mmHg

HYPERVENTILATION  
PRETEST

STAGE TIME : 0 01

ST @ 10mm/mV  
80ms PostJ

LINKED MEDIAN



# CHANDAN HEALTH CARE LTD.

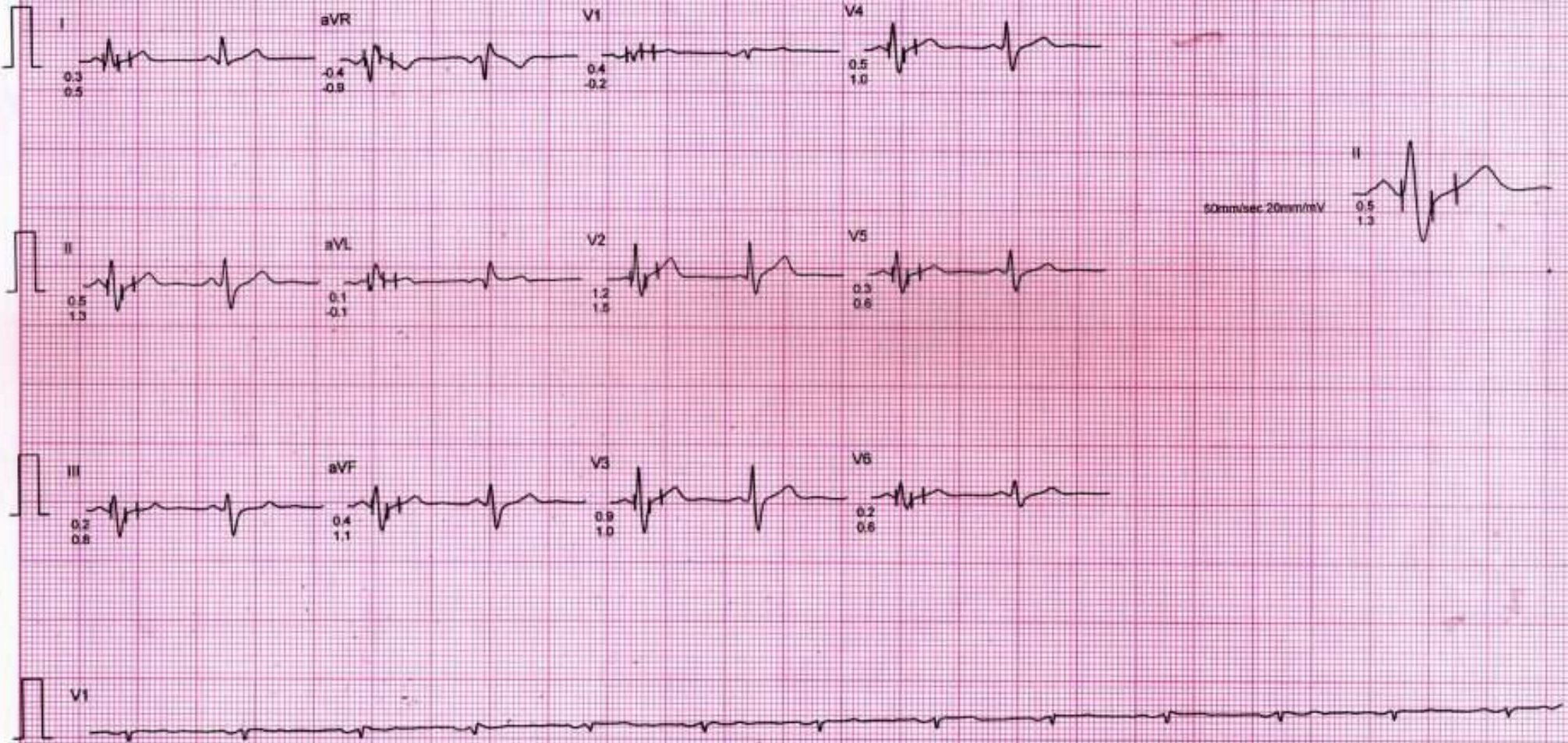
Mr. MR TARUN KUMAR MANGALAM  
I.D. : 110982324  
AGE/SEX : 41/M  
RECORDED : 10-02-2024

RATE : 77 BPM  
B.P. : 120/80 mmHg

VALSALVA  
PRETEST

ST @ 10mm/mV  
80ms PostJ

LINKED MEDIAN



# CHANDAN HEALTH CARE LTD.

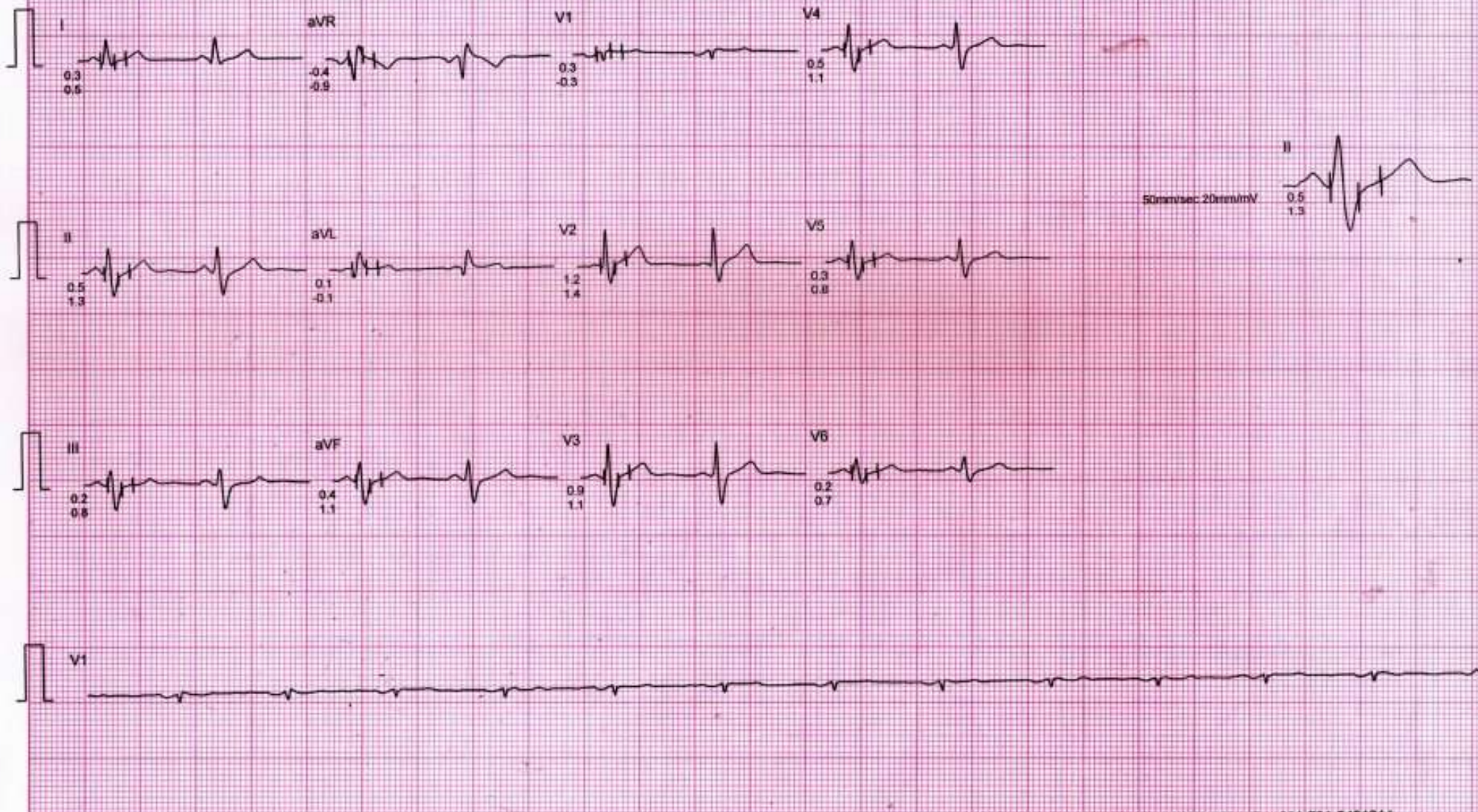
Mr. MR TARUN KUMAR MANGALAM  
I.D. 110992324  
AGE/SEX : 41/M  
RECORDED - 10-02-2024

RATE : 77 BPM  
B.P. 120/80 mmHg

STANDING  
PRETEST

ST @ 10mm/mV  
80ms PostJ

LINKED MEDIAN



# CHANDAN HEALTH CARE LTD.

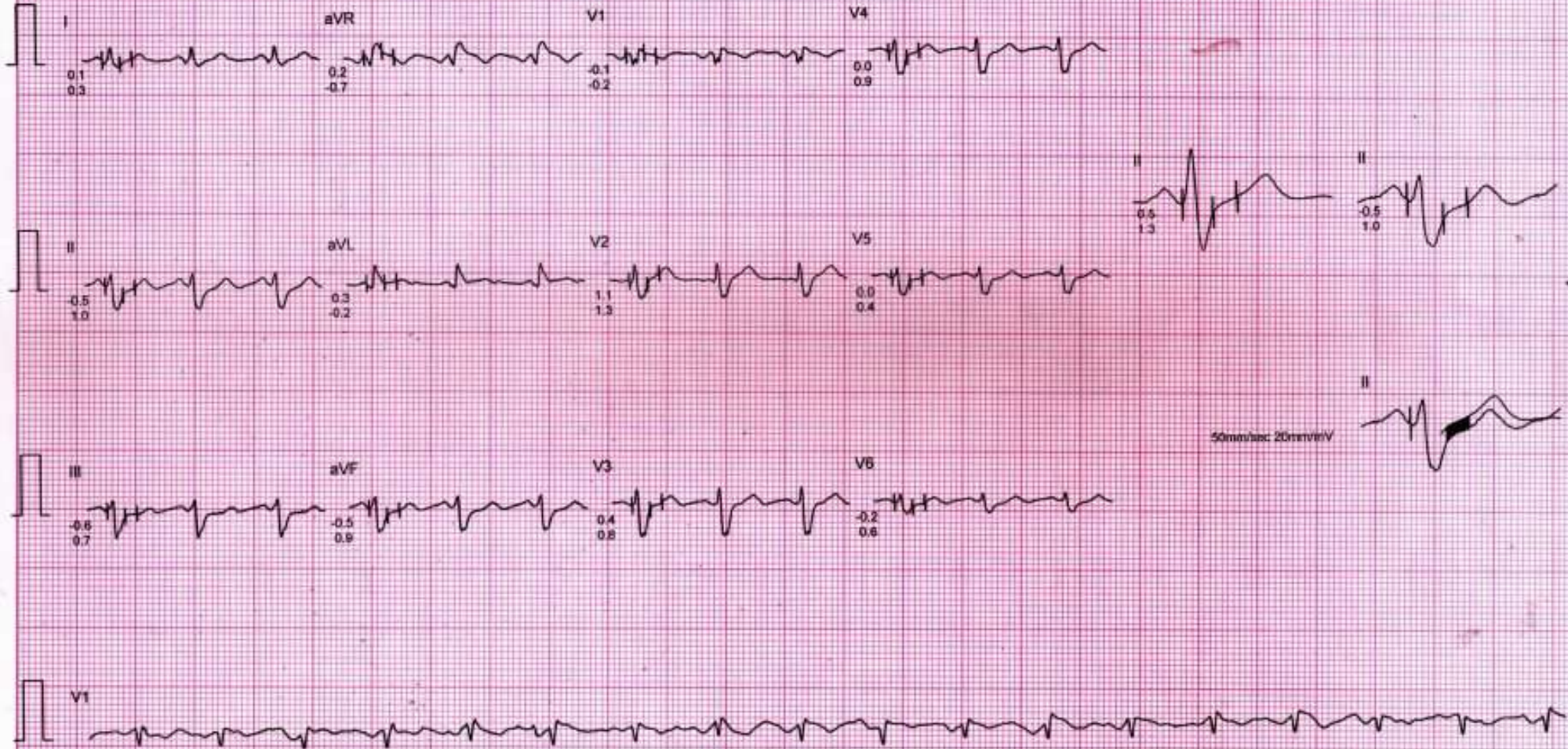
Mr. MR TARUN KUMAR MANGALAM  
I.D. 110992324  
AGE/SEX 41/M  
RECORDED 10-02-2024

RATE 108 BPM  
B.P. 120/80 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



# CHANDAN HEALTH CARE LTD.

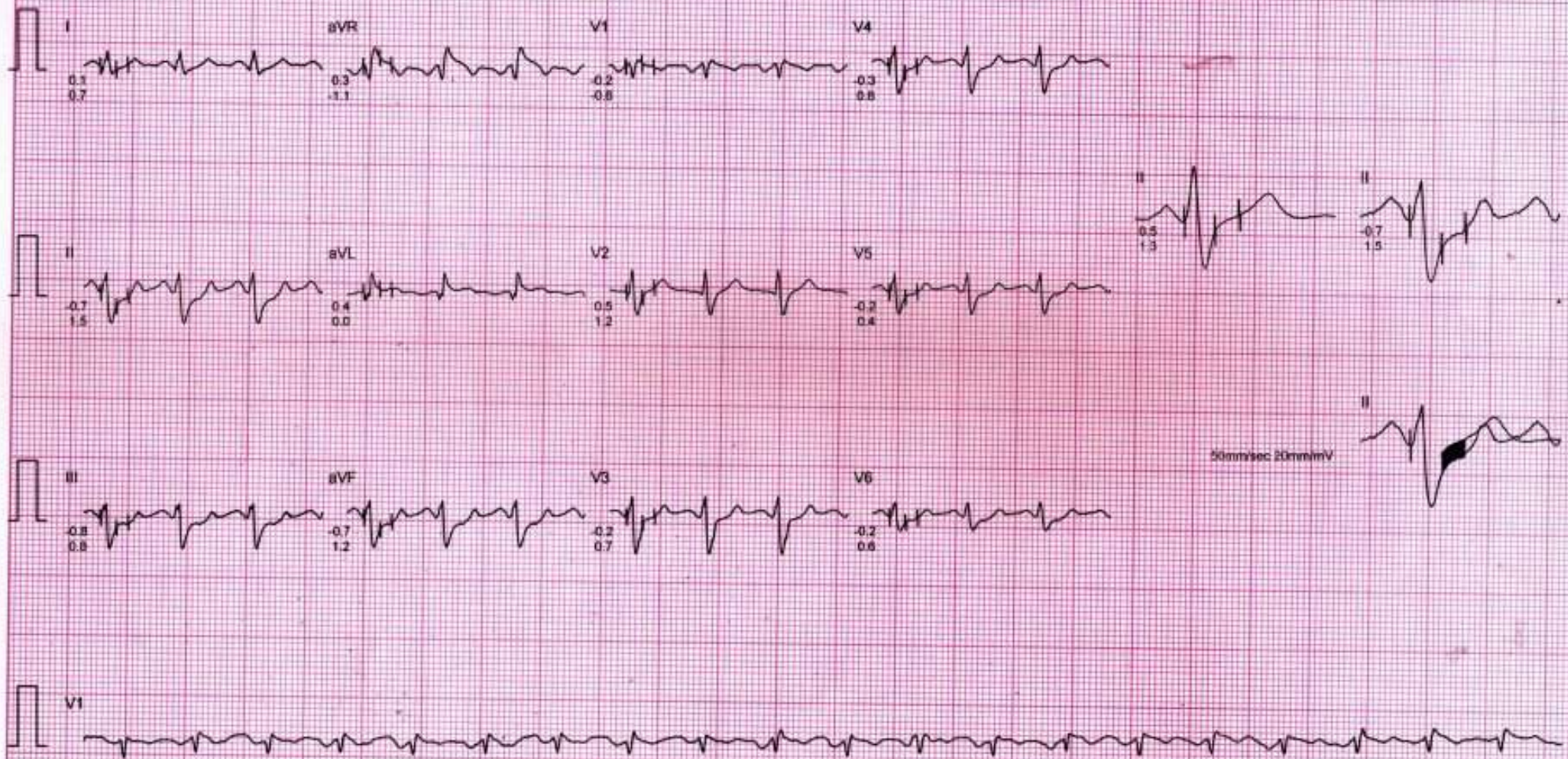
Mr MR TARUN KUMAR MANGALAM  
I.D. 110992324  
AGE/SEX 41/M  
RECORDED 10-02-2024

RATE 123 BPM  
B.P. 138/80 mmHg

BRUCE  
EXERCISE 2  
PHASE TIME 5.59  
STAGE TIME 2.59

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

LINKED MEDIAN



# CHANDAN HEALTH CARE LTD.

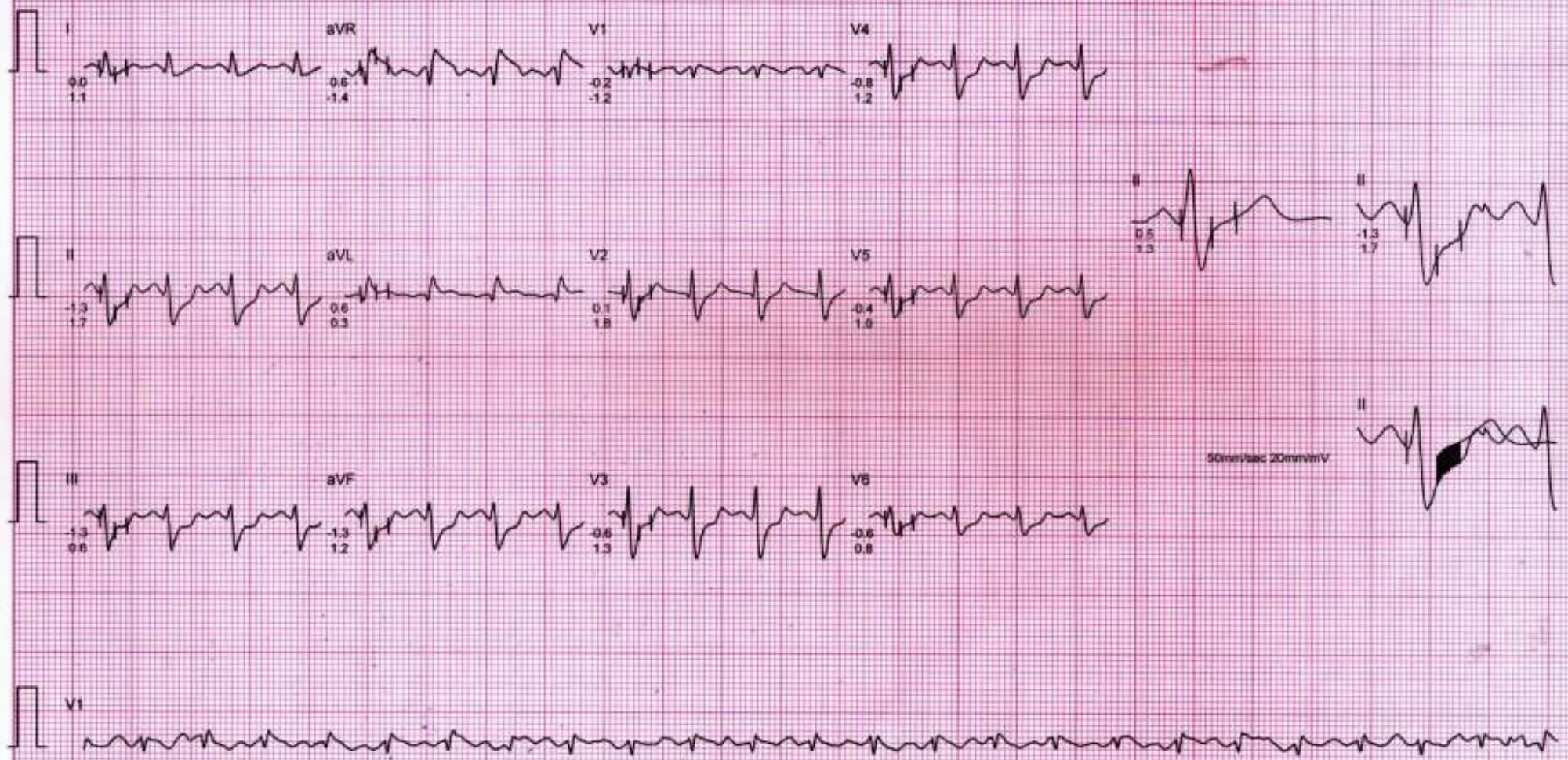
Mr. MR TARUN KUMAR MANGALAM  
I.D : 110992324  
AGE/SEX : 41/M  
RECORDED : 10-02-2024

RATE : 108 BPM  
B.P : 148/84 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



# CHANDAN HEALTH CARE LTD.

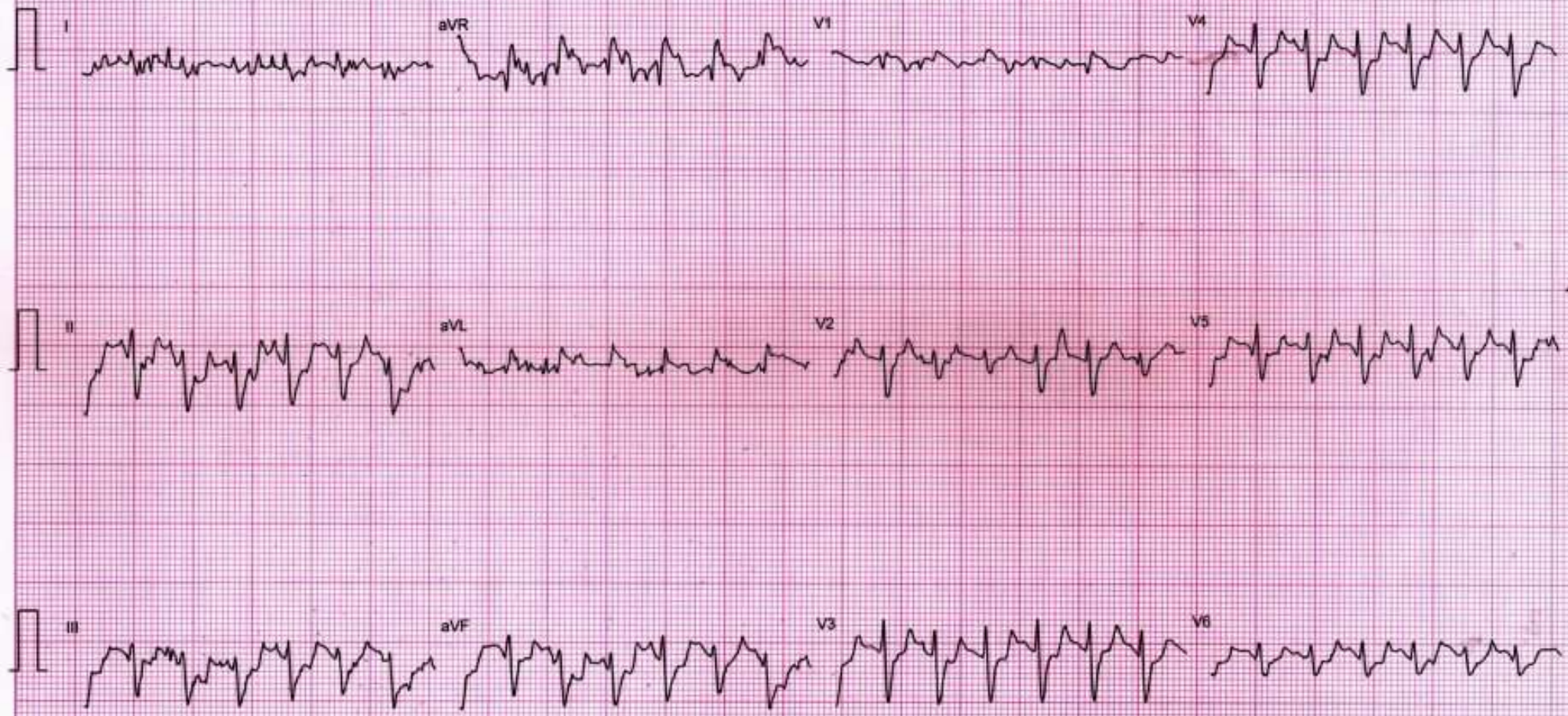
Mr. MR TARUN KUMAR MANGALAM  
I.D. 110992324  
AGE/SEX 41/M  
RECORDED 10-02-2024

RATE 91 BPM  
B.P. 156/84 mmHg

BRUCE  
EXERCISE 4 (EVENT)  
PHASE TIME 11:12  
STAGE TIME 2:12

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

RAW ECG





# CHANDAN HEALTH CARE LTD.

Mr. MR TARUN KUMAR MANGALAM

I.D. : 110992324

AGE/SEX : 41/M

RECORDED : 10-02-2024

RATE : 118 BPM

B.P. : 156/84 mmHg

BRUCE

PEAK EXER

PHASE TIME : 11:17

STAGE TIME : 2:17

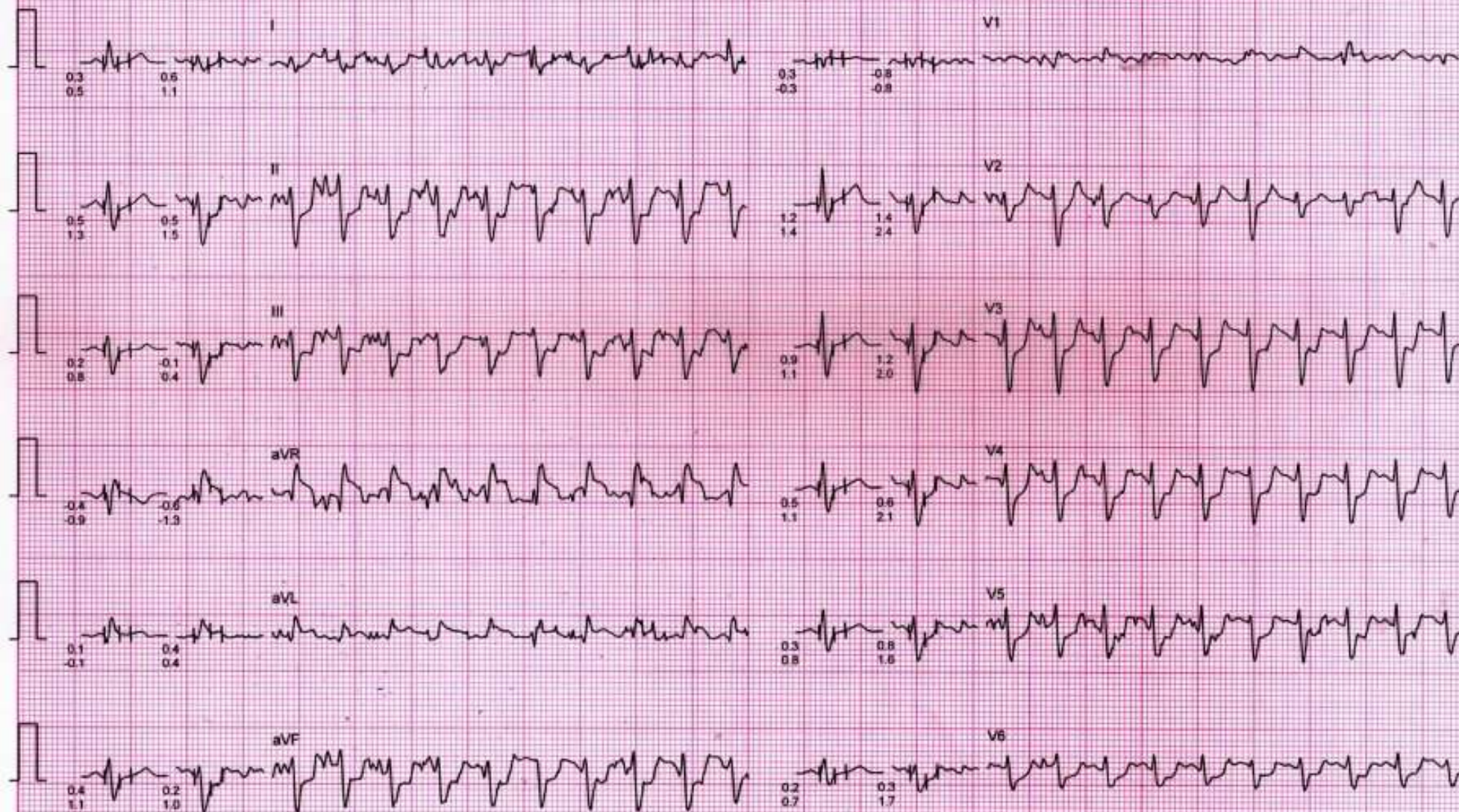
ST @ 10mm/mV

80ms PostJ

SPEED : 6.7 Km./Hr

GRADE : 16.0 %

MIXED E.C.G



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCom, INDIA Ph. 091-731-2620740, Tele/Fax 091-731-2431214

MEDSEARCH MEDICAL SYSTEMS

# CHANDAN HEALTH CARE LTD.

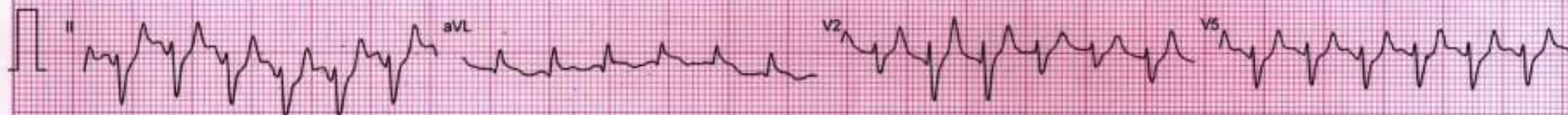
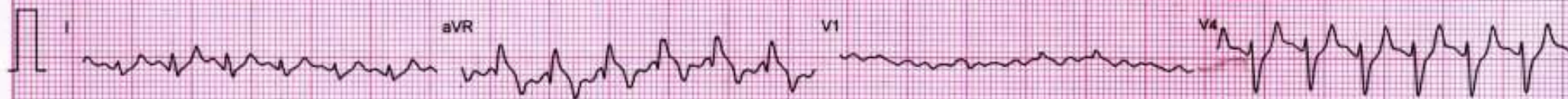
Mr. MR TARUN KUMAR MANGALAM  
I.D. : 110992324  
AGE/SEX : 41/M  
RECORDED : 10-02-2024

RATE : 83 BPM  
B.P. : 154/84 mmHg

BRUCE  
RECOVERY (EVENT)  
PHASE TIME : 0-30

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

RAW E.C.G.



# CHANDAN HEALTH CARE LTD.

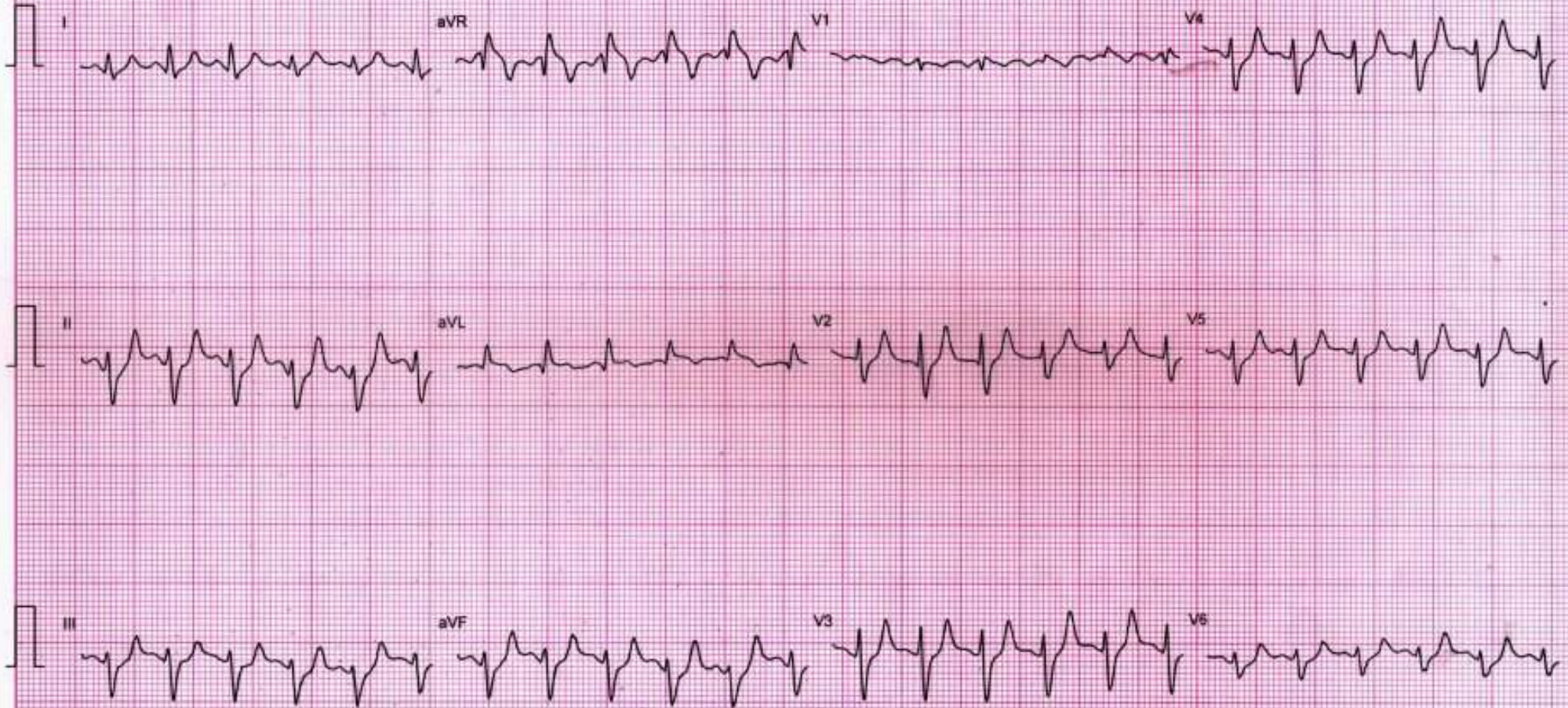
Mr. MR TARUN KUMAR MANGALAM  
I.D. 110992324  
AGE/SEX 41/M  
RECORDED : 10-02-2024

RATE : 105 BPM  
B.P. : 152/84 mmHg

BRUCE  
RECOVERY (EVENT)  
PHASE TIME : 1:00

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

RAW E.C.G.



# CHANDAN HEALTH CARE LTD.

Mr. MR TARUN KUMAR MANGALAM

I.D. 110992324

AGE/SEX 41/M

RECORDED: 10-02-2024

RATE: 117 BPM

B.P. 144/84 mmHg

BRUCE

RECOVERY (EVENT)

PHASE TIME: 2:01

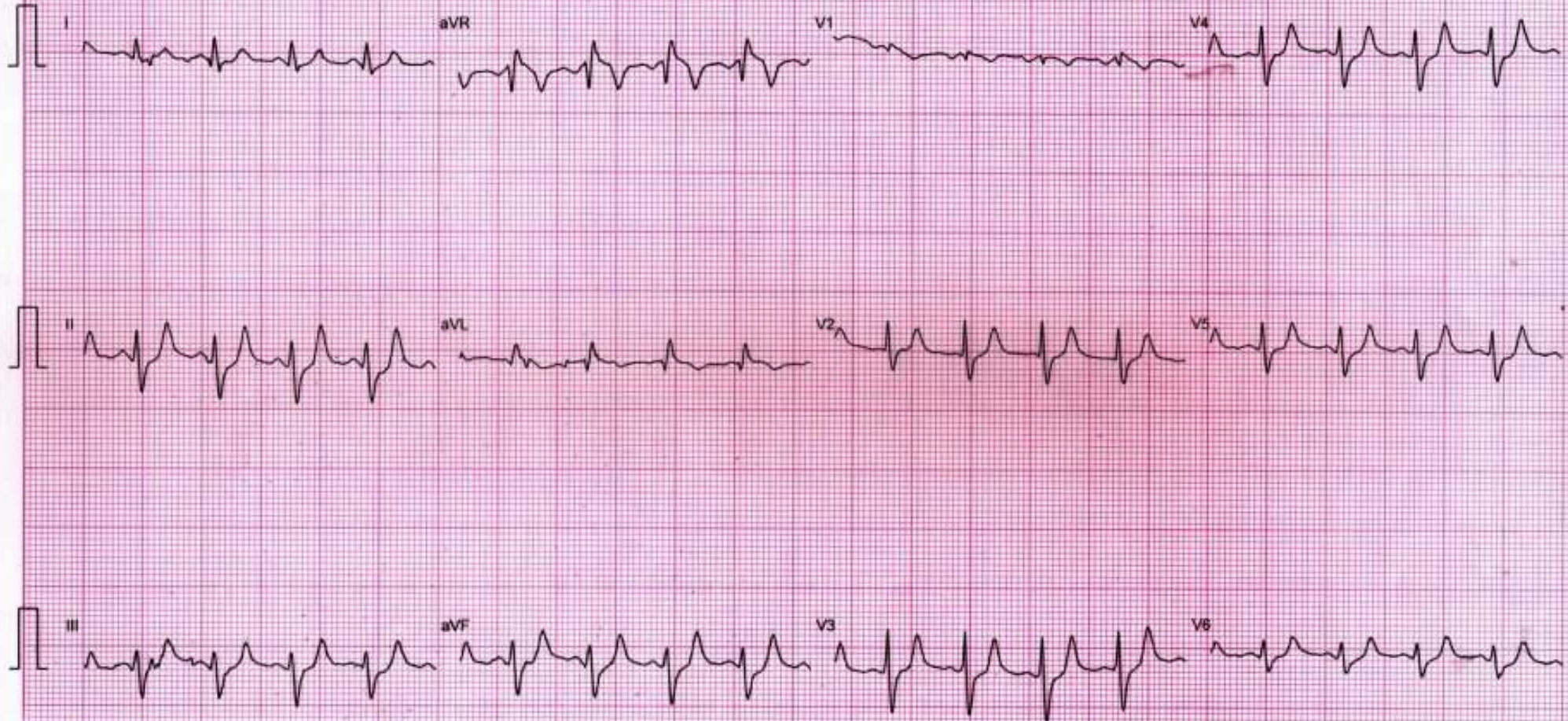
ST @ 10mm/mV

80ms Post

SPEED: 0.0 Km./Hr.

GRADE: 0.0 %

RAW E.C.G.



# CHANDAN HEALTH CARE LTD.

MR. MR TARUN KUMAR MANGALAM

I.D. 110992324

AGE/SEX 43/M

RECORDED: 10-02-2024

RATE 113 BPM

B.P. 140/84 mmHg

BRUCE

RECOVERY

PHASE TIME: 2:59

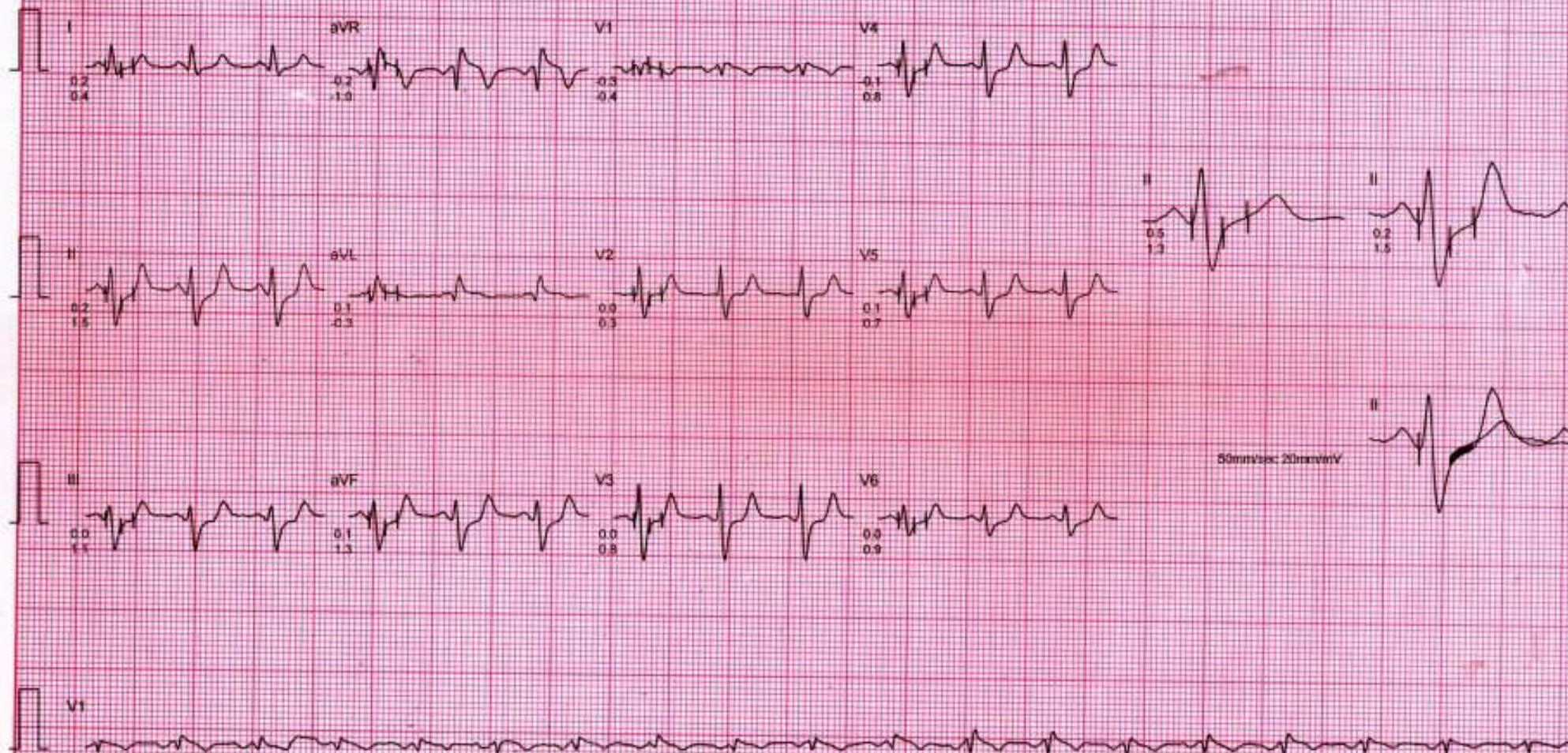
ST @ 10mm/mV

80ms PostJ

SPEED: 0.0 Km./Hr

GRADE: 0.0 %

LINKED MEDIAN



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCom, INDIA Ph.091-731-2626740.Tel/Fax:091-731-2431214

MEDISEARCH MEDICA SYSTEMS



 **GPS Map**  
**Camera Lite**

D63/6B-98, Shivaji Nagar Colony, Mahmoorganj, Varanasi, Uttar Pradesh  
221010, India

Latitude

25.305511666666668°

Longitude

82.979036666666667°

Local 11:29:41 AM

GMT 05:59:41 AM

Altitude 84 meters

Saturday, 10.02.2024



भारत सरकार  
Government of India



Aadhaar no. issued: 08/08/2013



तरुण कुमार मंगलम  
Tarun Kumar Mangalam  
जन्म तिथि/DOB: 14/01/1982  
पुरुष/ MALE

आधार पहचान का प्रमाण है, नागरिकता या जन्मतिथि का नहीं ।  
इसका उपयोग सत्यापन (ऑनलाइन प्रमाणीकरण, या क्यूआर कोड/  
ऑफ़लाइन एक्सएमएल की स्कैनिंग) के साथ किया जाना चाहिए ।  
**Aadhaar is proof of identity, not of citizenship  
or date of birth.** It should be used with verification (online  
authentication, or scanning of QR code / offline XML).

**2060 0327 6634**

मेरा **आधार**, मेरी पहचान