

### CHECK LIST

NAME	Tefal Sardaand	PATHOLOGY/PP
OP		ECG/PFT
AGE	34 yrs	ECHO/TMT
DATE	26.11.22	USG / CXR
PACKAGE		URINE / STOOL
REFERRED BY		MAMMO/ PAP
HT	163.7cm	EYE/ DENTAL
WT	58kg	GP CONSULTATION
BP	90/70mm/hg	DIETITION
PULSE	75b/min	CARDIOLOGIST
WAIST	70cm	GYNECOLOGIST
HIP	100cm	DENTAL
RESPIRATORY RATE		
CHEST (INHALE)	92cm	
CHEST (EXHALE)	90cm	
ABDOMEN	84cm	

SpO2 = 100%

Health Check In NMU



भारत सरकार  
GOVERNMENT OF INDIA



तेजल सदानंद  
Tejal Sadanand  
जन्म तिथि/ DOB: 21/11/1988  
महिला / FEMALE



3710 5571 8555

आधार - आम आदमी का अधिकार



भारतीय विशिष्ट पहचान प्राधिकरण  
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

पता:  
अध्यायिनी: नितिन सरकार, एफ2,  
बूमीओ हाउस, 1/1, आलिपोरे  
आवन्तू, बूमीओ बैंक चेतला ब्रंच के  
पाम, आलिपोरे, कोल्कता,  
वेस्ट बंगाल - 700027

Address:  
W/O: Nitin Sarkar, F2, UCO  
House, 1/1, Alipore Avenue,  
Near UCO Bank Chetla Branch,  
Alipore, Kolkata,  
West Bengal - 700027



1947  
1800 300 1947

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P.O. Box No. 1947,  
Bangaluru-560 001

**DIAGNOSTICS REPORT**

Patient Name	Mrs. TEJA, SACHINIC	Order Date	26/11/2022 09:22
Age Sex	24 - FEMALE	Report Date	26/11/2022 15:06
PHC	WPH-00000001	IP No	
Ref Doctor	WPH-	Facility	NARAYAN MEMORIAL HOSPITAL
Address	TEJLUDDI - HARNULSREE GREEN, HARNULSREE KOLKATA - West Bengal 700034	Mobile	9539953703

**USG WHOLE ABDOMEN (SCREENING)**

**LIVER** : Liver is normal in size. Liver measures 14 cm. Parenchymal echotexture is normal. Intrahepatic biliary radicles & hepatic veins are not dilated. No focal mass lesion seen.

**PORTA (PV)** : Normal. PV measures 0.9 cm.

**CBD** : Normal. CBD measures 0.3 cm. No calculus or SOL seen within its visualised part.

**GALL BLADDER** : Gall bladder is well distended. No calculus or SOL seen. Wall thickness is normal. Ultrasonographic Murphy's sign is negative.

**PANCREAS** : Pancreas is normal in size and parenchymal echogenicity. Pancreatic duct is not dilated. No focal SOL / peripancreatic collection seen.

**SPLEEN** : Spleen is normal in size. Spleen measures : 8.6 cm. Parenchyma shows normal homogeneous pattern. No focal SOL seen. Splenic vein is normal.

**KIDNEYS** : Both kidneys are normal in size, shape, outline, position and parenchymal echogenicity. Corticomedullary differentiation is maintained. No evidence of any calculus / SOL / hydronephrosis seen.

Right kidney measures 8.9 cm & Left kidney measures : 9.3 cm.

**URETERS** : Not seen dilated.

## DIAGNOSTICS REPORT

Patient Name : Mrs. TEJAL SADANAND  
Age/ Sex : 34 Year(s)/Female  
UHID : NPHK-2221257  
Ref. Doctor : NMH  
Address : 7E,BLOCK 7,PARNASREE GREEN,  
PARNASREE,Kolkata, West Bengal,  
700060.

Order Date : 26/11/2022 09:22  
Report Date : 26/11/2022 16:08  
IP No :  
Facility : NARAYAN MEMORIAL  
HOSPITAL  
Mobile : 8582905303

**URINARY BLADDER :** Urinary bladder is normal in contour, outline and distension. Walls are of normal thickness. No vesicic calculus or mass lesion seen.

**UTERUS :** Normal in size, anteverted. Myometrium is homogeneous. No focal SOL seen. Endometrium is of normal thickness (0.6 cm). Cervix appears normal. Uterus measures 7.0 cm x 3.8 cm x 3.0 cm

**OVARIES :** Both ovaries are normal in size, shape and echopattern. No SOL seen. Right ovary : measures 2.9 cm x 1.4 cm. Left ovary : measures 3.0 cm x 1.3 cm.

**POD :** No collection seen.

**PERITONEUM :** No free fluid seen.

**RETROPERITONEUM :** IVC and aorta appear normal. No lymphadenopathy is seen.

**IMPRESSION : Normal study.**

**Dr.G.MITRA SENGUPTA,**  
**MBBS, DCH,CBET(WB)DNB -I(RD)**  
MBBS, DCH,CBET(WB)DNB -I(RD)



## DIAGNOSTICS REPORT

Patient Name	: Mrs. TEJAL SADANAND	Order Date	: 26/11/2022 09:22
Age/Sex	: 34 Year(s) Female	Report Date	: 27/11/2022 14:03
UHID	: NNHK.2221257	IP No	:
Ref. Doctor	: NNH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 7E,BLOCK 7,PARNASREE GREEN, PARNASREE,Kolkata, West Bengal, 700060	Mobile	: 8582905303

### X-RAY CHEST PA VIEW

No active lung parenchymal lesion is seen.

Both hila are normal in position, size and density.

Cardiothoracic ratio appear normal.

Trachea and mediastinum are normal in position.

Both costo-phrenic angles are clear.

Domes of diaphragm are normal in position and outlines are well delineated.  
Bony thorax appears unremarkable.

**Needs clinical correlation.**

**Dr.SUBRATA NAG, MBBS,DNB,Fellow**  
intervention/endovascular surgery

Reg.No: 66718



R

26-11-2022  
12:14

2221257, TEJAL SADANAND, F. 24, 148, 5  
NARAYAN MEMORIAL HOSPITAL



## LABORATORY INVESTIGATION REPORT

<b>Patient Name</b> : Mrs. TEJAL SADANAND	<b>Age/Sex</b> : 34 Year(s) / Female
<b>UHID</b> : NMHK.2221257	<b>Order Date</b> : 26/11/2022 09:22
<b>Episode</b> : OP	
<b>Ref. Doctor</b> : NMH	<b>Mobile No</b> : 8582905303
	<b>DOB</b> : 21/11/1988
<b>Address</b> : 7E,BLOCK 7,PARNASREE GREEN , PARNARSREE ,Kolkata,West Bengal ,700060	<b>Facility</b> : NARAYAN MEMORIAL HOSPITAL

### Immunology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0090796	Collection Date : 26/11/22 09:40	Ack Date : 26/11/2022 10:38	Report Date : 26/11/22 16:43

#### BLOOD GROUPING & Rh TYPING

##### SAMPLE : EDTA BLOOD

BLOOD GROUP ' O ' POSITIVE

Method - Agglutination forward & Reverse

RH TYPE

#### THYROID FUNCTION TEST

##### SAMPLE : SERUM

T3	0.79	ng/ml	0.6 - 1.8
Method - ECLIA			
T4	10.48	ug/dL	5.4 - 11.7
Method - ECLIA			
TSH	1.16	uIU/ml	Adult Male - 0.27-5.50 Adult Female - 0.27-5.50 Newborns - <25 Upto 12 years - 0.3-5

Method - ECLIA

##### Interpretations:

1. For diagnostic purposes, the result should always be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

2. The assay is unaffected by icterus (Bilirubin < 701 µmol/L or < 41 mg/dL), hemolysis (Hb < 0.621 mmol/L or < 1 g/dL), lipemia (Intralipid < 1500 mg/dL), biotin (< 102 nmol/L or < 25 ng/ml), IgG < 2 g/dL and IgM < 0.5 g/dL)

3. There is no high dose hook effect at TSH concentrations upto 1000 µmol/ml.

4. TSH values may be transiently altered because of non thyroidal illness like several infections, liver disease, renal and heart failure, several burns, trauma and surgery etc. Drugs that decrease TSH values e.g. L-dopa, Glucocorticoid drugs that increase TSH values e.g. Iodine, Lithium, Amiodarone.

5. The assay is unaffected by icterus (bilirubin < 633 µmol/L or < 37 mg/dl), hemolysis (Hb < 1.4 mmol/L or < 2.3 g/dl), lipemia (triglycerides < 28.5 mmol/L or 250 mg/dl) and biotin (< 409 nmol or < 100 ng/ml).

6. The assay is unaffected by icterus (bilirubin < 599 µmol/L or < 35 mg/dl), hemolysis (Hb < 1.2 mmol/L or < 2.0 g/dl), lipemia (Intralipid < 1800 mg/dl) and biotin (< 123 nmol or < 30 ng/ml).



### LABORATORY INVESTIGATION REPORT

<b>Patient Name</b>	: Mrs. TEJAL SADANAND	<b>Age/Sex</b>	: 34 Year's, Female
<b>UHID</b>	: NMHC.2221257	<b>Order Date</b>	: 26/11/2022 09:22
<b>Episode</b>	: OP		
<b>Ref. Doctor</b>	: NMH	<b>Mobile No</b>	: 8582905303
		<b>DOB</b>	: 21/11/1988
<b>Address</b>	: 7E,BLOCK 7,PARNASREE GREEN , PARNASREE Kolkata,West Bengal, 700060	<b>Facility</b>	: NARAYAN MEMORIAL HOSPITAL

End of Report.

Dr.S. Chatterjee  
MD, MBBS, FAACC  
CONSULTANT BIOCHEMIST

Checked By

Dr. ANGKITA K. GHOSH  
MBBS, MD(PATH)  
CONSULTANT PATHOLOGIST

Reg No: 82734



**LABORATORY INVESTIGATION REPORT**

<b>Patient Name</b> : Mrs. TEJAL SADANAND	<b>Age/Sex</b> : 34 Year(s) / Female
<b>UHID</b> : NMHK.2221257	<b>Order Date</b> : 26/11/2022 09:22
<b>Episode</b> : OP	<b>Mobile No</b> : 8582905303
<b>Ref. Doctor</b> : NMH	<b>DOB</b> : 21/11/1988
<b>Address</b> : 7E,BLOCK 7,PARNASREE GREEN , PARNASREE Kolkata,West Bengal ,700060	<b>Facility</b> : NARAYAN MEMORIAL HOSPITAL

**Biochemistry**

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H090796	Collection Date : 25/11/22 09:40	Ask Date : 26/11/2022 10:29	Report Date : 26/11/22 16:05
<b>SERUM CREATININE</b>			
<b>SAMPLE : SERUM</b>			
SERUM CREATININE	0.8	mg/dl	0.5 - 0.9
<i>Method - Jaffe Gen2 Compensated</i>			
<b>LIVER FUNCTION TEST ( LFT )</b>			
<b>SAMPLE : SERUM</b>			
TOTAL BILIRUBIN	0.6	mg/dl	0 - 1.1
<i>Method - Diazo Method</i>			
DIRECT BILIRUBIN	0.2	mg/dl	0 - 0.2
<i>Method - Diazo Method</i>			
INDIRECT BILIRUBIN	0.4	mg/dl	0.2 - 0.9
<i>Method - Calculated</i>			
SGPT (ALT)	24	U/L	0 - 34
<i>Method - IFCC Without Pyridoxal Phosphate</i>			
SGOT (AST)	22	U/L	0 - 31
<i>Method - IFCC Without Pyridoxal Phosphate</i>			
ALKALINE PHOSPHATASE	84	U/L	53 - 128
<i>Method - IFCC</i>			
TOTAL PROTEIN	7.2	g/dl	6.4 - 8.2
<i>Method - Buret</i>			
ALBUMIN	4.8	gm/dl	3.5 - 5.2
<i>Method - Bromocresol Green</i>			
GLOBULIN	2.4	g/dl	2 - 3.5
<i>Method - Calculated</i>			
ALBUMIN GLOBULIN	2.0	-	1.1 - 2.5
<i>Method - Calculated</i>			
GGT	19	U/L	5 - 30

**LABORATORY INVESTIGATION REPORT**

<b>Patient Name</b> : Mrs. TEJAL SADANAND	<b>Age/Sex</b> : 34 Year(s) / Female
<b>UHID</b> : NMHK.2221257	<b>Order Date</b> : 25/11/2022 09:22
<b>Episode</b> : OP	<b>Mobile No</b> : 8582905303
<b>Ref. Doctor</b> : NMH	<b>DOB</b> : 21/11/1988
<b>Address</b> : 7E,BLOCK 7,PARNASREE GREEN , PARNARSREE Kolkata,West Bengal ,700060	<b>Facility</b> : NARAYAN MEMORIAL HOSPITAL

*Method - Enzymatic colorimetric assay*

**BLOOD UREA NITROGEN**

BLOOD UREA NITROGEN 8.4 mg/dl 6 - 20

*Method - Calculated*

**LIPID PROFILE**

**SAMPLE : SERUM**

TOTAL CHOLESTEROL 173 mg/dl Desirable <200 |  
Borderline 200-239 |  
High >=240

*Method - CHOD-PAP*

HDL CHOLESTEROL 44 mg/dl 40 - 60

*Method - Homogenous Enzymatic Colorimetric*

LDL CHOLESTEROL 108 mg/dl Optimal < 100 |  
Borderline 130

*Method - Homogenous Enzymatic Colorimetric*

VLDL 19 mg/dl 0 - 30

*Method - CALCULATED*

CHOLESTEROL-HDL RATIO 3.93

LDL-HDL RATIO 2.45

TRIGLYCERIDES 94 mg/dl Desirable <150 |  
Borderline 150 - 200 |  
High >200

*Method - Enzymatic Colorimetric*

**URIC ACID**

**SAMPLE : SERUM**

URIC ACID 4.5 mg/dl 2.4 - 5.7

*Method - Enzymatic Colorimetric*

**SAMPLE : SERUM**

RESULT 10.5

Sample No : 07H0090796A Collection Date : 25/11/22 09:40 Ack Date : 25/11/2022 11:22 Report Date : 26/11/22 16:42

**GLYCOSYLATED HAEMOGLOBIN (HBA1C)**

**SAMPLE : EDTA BLOOD**

### LABORATORY INVESTIGATION REPORT

**Patient Name** : Mrs. TEJAL SADANAND **Age/Sex** : 34 Year(s) / Female  
**UHID** : NMHK.2221257 **Order Date** : 26/11/2022 09:22  
**Episode** : OP  
**Ref. Doctor** : NMH **Mobile No** : 8582905303  
**DOB** : 21/11/1988  
**Address** : 7E,BLOCK 7,PARNASREE GREEN , PARNARSREE  
,Kolkata,West Bengal ,700060 **Facility** : NARAYAN MEMORIAL HOSPITAL

HBA1C 5.5

*Interpretation & Remark:*

- HbA1c is used for monitoring diabetic control. It reflects the estimated average glucose.
- HbA1c has been endorsed by clinical groups & American Diabetes Association guidelines 2017, for diagnosis of diabetes using a cut-off point of 6.5%.
- Trends in HbA1c are a better indicator of diabetic control than a solitary test.
- Low HbA1c in a non-diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (Specially severe iron deficiency anaemia & haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.
- Interference of Haemoglobinopathies in HbA1c estimation.  
A. For HbF > 25%, an alternate platform (Fructosamine) is recommended for testing of HbA1c.  
B. Homozygous hemoglobinopathy is detected, fructosamine is recommended for monitoring diabetic status.  
C. Heterozygous state detected (D10/ turbo is corrected for HbS and HbC trait).
- For known diabetic patients, following values can be considered as a tool for monitoring the glycemc control :

Excellent Control - 6 - 7 %  
Fair to Good Control - 7 - 8 %  
Unsatisfactory Control - 8 - 10 %  
Poor Control - > 10 %

Note : Hemoglobin electrophoresis (HPLC method) is recommended for detecting hemoglobinopathy.

Sample No : 07H0090796B Collection Date : 26/11/22 09:40 Ack Date : 26/11/2022 10:28 Report Date : 26/11/22 16:06

#### BLOOD SUGAR(F)

##### SAMPLE : PLASMA

BLOOD SUGAR FASTING 97 mg/dl 70 - 109

Method - Hexokinase

Sample No : 07H0090844B Collection Date : 26/11/22 13:36 Ack Date : 26/11/2022 16:09 Report Date : 26/11/22 16:42

#### BLOOD SUGAR(PP)

##### SAMPLE : PLASMA

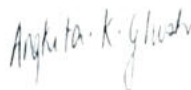
BLOOD SUGAR PP 91 mg/dl 70.00 - 140.00

Method - Hexokinase

End of Report



Dr.S. Chatterjee  
MD, MBBS, FAACC



Dr.ANGKITA K. GHOSH  
MBBS, MD(PATH)

## LABORATORY INVESTIGATION REPORT

<b>Patient Name</b> : Mrs. TEJAL SADANAND	<b>Age/Sex</b> : 34 Year(s) / Female
<b>UHID</b> : NMHK.2221257	<b>Order Date</b> : 26/11/2022 09:22
<b>Episode</b> : OP	
<b>Ref. Doctor</b> : NMH	<b>Mobile No</b> : 8582905303
	<b>DOB</b> : 21/11/1988
<b>Address</b> : 7E,BLOCK 7,PARNASREE GREEN , PARNARSREE Kolkata,West Bengal ,700060	<b>Facility</b> : NARAYAN MEMORIAL HOSPITAL

### Hematology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0090796	Collection Date : 26/11/22 09:40	Ack Date : 26/11/2022 10:38	Report Date : 26/11/22 15:11

#### COMPLETE HAEMOGRAM ( CBC )

##### SAMPLE : EDTA BLOOD

HAEMOGLOBIN (HB) <i>Method - Colorimetric method (Cyn Meth)</i>	13.3	gm/dl	12 - 15
RBC COUNT <i>Method - Electrical Impedance Method</i>	4.40	$\times 10^6/\mu\text{l}$	3.8 - 4.8
TOTAL WBC COUNT <i>Method - Electrical Impedance Method</i>	4.7	$10^3/\text{cmm}$	4 - 10
PLATELET COUNT <i>Method - Electrical Impedance Method</i>	250	$10^3/\text{cmm}$	150 - 410
PCV <i>Method - RBC pulse ht. detection method</i>	42	%	36 - 46
MCV <i>Method - calculated</i>	94	fl	83 - 101
MCH <i>Method - Calculated</i>	30	pg	27 - 32
MCHC <i>Method - Calculated</i>	32	gm/dl	31.5 - 34.5
ESR <i>Method - Modified Westergren Method</i>	<b>25 ▲</b>	%	0 - 12
<b><u>DIFFERENTIAL COUNT</u></b>			
NEUTROPHILS <i>Method - Microscopy</i>	42	%	40 - 80
LYMPHOCYTES <i>Method - Microscopy</i>	<b>50 ▲</b>	%	20 - 40
MONOCYTES <i>Method - Microscopy</i>	03	%	2 - 10

### LABORATORY INVESTIGATION REPORT

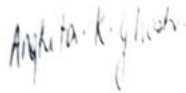
<b>Patient Name</b>	: Mrs. UJAL SADANAND	<b>Age/Sex</b>	: 34 Year(s) / Female
<b>UHID</b>	: NMHK.2221257	<b>Order Date</b>	: 26/11/2022 09:22
<b>Episode</b>	: OP		
<b>Ref. Doctor</b>	: NMH	<b>Mobile No</b>	: 8582905303
		<b>DOB</b>	: 21/11/1988
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EOSINOPHILS	05	%	1 - 6
Method - Microscopy			
BASOPHILS	00	%	0 - 2
Method - Microscopy			

#### PERIPHERAL BLOOD SMEAR

RBC	Normocytic normochromic
WBC	As described above
PLATELET	Adequate

End of Report



**Dr. ANGKITA K. GHOSH**  
**MBBS, MD(PATH)**  
(CONSULTANT PATHOLOGIST)

RegNo: 82734

Checked By

**LABORATORY INVESTIGATION REPORT**

<b>Patient Name</b> : Mrs. TEJAL. SADANAND	<b>Age/Sex</b> : 34 Year(s) / Female
<b>UHID</b> : NMHK.2221257	<b>Order Date</b> : 26/11/2022 09:22
<b>Episode</b> : OP	<b>Mobile No</b> : 8582905303
<b>Ref. Doctor</b> : NMH	<b>DOB</b> : 21/11/1988
<b>Address</b> : 7E,BLOCK 7,PARNASREE GREEN , PARNARSREE Kolkata,West Bengal ,700060	<b>Facility</b> : NARAYAN MEMORIAL HOSPITAL

**Clinical Pathology**

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0090796	Collection Date : 26/11/22 09:40	Ack Date : 26/11/2022 14:14	Report Date : 26/11/22 16:56

**URINE FOR R/E**

**SAMPLE : URINE**

**PHYSICAL EXAMINATION**

VOLUME	35	ml	
COLOUR	PALE YELLOW		
APPEARANCE	SLIGHTLY HAZY		
SPECIFIC GRAVITY	1.015		1.010 - 1.030
REACTION(pH)	ACIDIC (6.0)		

**CHEMICAL EXAMINATION**

SUGAR	ABSENT	ABSENT
ALBUMIN.	ABSENT	ABSENT
BLOOD	ABSENT	ABSENT
KETONE	ABSENT	ABSENT
BILE SALT	ABSENT	ABSENT
BILE PIGMENTS	ABSENT	ABSENT

**MICROSCOPIC EXAMINATION**

PUS CELLS	2-3 / HPF	<5/HPF
EPITHELIAL CELLS	9-10 / HPF	<20/HPF
RBC	NIL	
CAST	ABSENT	ABSENT
CRYSTAL	ABSENT	ABSENT
OTHERS	MICRO-ORGANISM - PRESENT	

*Please correlate clinically.*

**STOOL FOR R/E**

**SAMPLE : STOOL**

**PHYSICAL EXAMINATION**

COLOUR.	BROWNISH
CONSISTENCY	SOFT



### LABORATORY INVESTIGATION REPORT

<b>Patient Name</b> : Mrs. TEJAL SADANAND	<b>Age/Sex</b> : 34 Year(s) / Female
<b>UHID</b> : NMHK.2221257	<b>Order Date</b> : 26/11/2022 09:22
<b>Episode</b> : OP	<b>Mobile No</b> : 8582905303
<b>Ref. Doctor</b> : NMH	<b>DOB</b> : 21/11/1988
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MUCUS PRESENT  
 VISIBLE BLOOD ABSENT  
 ADULT PARASITE ABSENT

#### CHEMICAL EXAMINATION

REACTION ACIDIC

#### MICROSCOPIC EXAMINATION

PUS CELLS 1-2 / HPF  
 VEG CELL PRESENT  
 RBC NIL  
 OVA NOT FOUND  
 PARASITES NOT FOUND  
 CYSTS NOT FOUND  
 BACTERIAL FLORA PRESENT  
 FAT GLOBULES ABSENT  
 STARCH GRANULES PRESENT

*Please correlate clinically.*

#### **URINE FOR SUGAR FASTING<sup>a</sup>**

##### SAMPLE : URINE

RESULT ABSENT

Sample No : 07H0090844

Collection Date : 26/11/22 13:36

Ack Date : 26/11/2022 18:59

Report Date : 28/11/22 11:19

#### **URINE FOR SUGAR PP**

##### SAMPLE : URINE

RESULT ABSENT

End of Report

Dr. S. Chatterjee  
MD, MBBS, FAAC  
(CONSULTANT BIOCHEMIST)

Dr. MAINAK CHAKRABORTY  
MBBS, MD(PATH)  
(CONSULTANT PATHOLOGIST)

Dr. ANGKITA K. GHOSH  
MBBS, MD(PATH)  
(CONSULTANT PATHOLOGIST)

RegNo: 82734

Checked By

### LABORATORY INVESTIGATION REPORT

<b>Patient Name</b> : Mrs. TEJAL SADANAND	<b>Age/Sex</b> : 34 Year(s)/Female
<b>UHID</b> : NMHK.2221257	<b>Order Date</b> : 26/11/2022 09:22
<b>Episode</b> : OP	<b>Mobile No</b> : 8582905303
<b>Ref. Doctor</b> : NMH	<b>DOB</b> : 21/11/1988
<b>Address</b> : 7E,BLOCK 7,PARNASREE GREEN , PARNARSREE ,Kolkata,West Bengal ,700060	<b>Facility</b> : NARAYAN MEMORIAL HOSPITAL

### Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0090796	Collection Date : 26/11/22 09:40	Ack Date : 26/11/2022 10:29	Report Date : 26/11/22 16:42

**SAMPLE : SERUM**

RESULT 10.5 End of Report



**Dr.S. Chatterjee**  
**MD, MBBS, FAACC**  
 (CONSULTANT BIOCHEMIST)

Checked By





## DIAGNOSTICS REPORT

HCO

Patient Name	: Mrs. TEJAL SADANAND	Order Date	: 26/11/2022 09:22
Age/Sex	: 34 Year(s)/Female	Report Date	: 26/11/2022 12:39
UHID	: NMHK.2221257	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 7E,BLOCK 7,PARNASREE GREEN, PARNARSREE,Kolkata, West Bengal, 700060	Mobile	: 8582905303

### ELECTROCARDIOGRAM REPORT (ECG)

HR	: 75 bpm
Rhythm	: Sinus
P wave	: Normal
PR Interval	: 142 msec
QRS axis	: Normal (66 Degree)
QRS duration	: 92 msec
QRS configuration	: Normal
T wave	: Non specific changes
ST segment	: Non specific changes
QTc	: 427 msec
QT	: 380 msec

#### IMPRESSION:

- Sinus rhythm with Sinus arrhythmia.
  - Normal QRS axis.
  - Non specific ST-T changes.
- Clinical correlation please.

**Dr.INDIRA BANERJEE ,**  
**MD,DNB,MRCPC (UK)**

Board Certified Comprehensive  
Echocardiographer (USA)



TEJAL SRODANAND

HR 75/min

Axis: P 66°

SINUS RHYTHM

2221257

Female

QRS 66°

NORMAL ECG

34 years

104 ms

T 47°

6.02

..... cm / ..... kg

PR 142 ms

P (II) 0.14 mV

UNCONFIRMED REPORT

QRS 92 ms

S (V1) -1.10 mV

QT 380 ms

R (V5) 1.51 mV

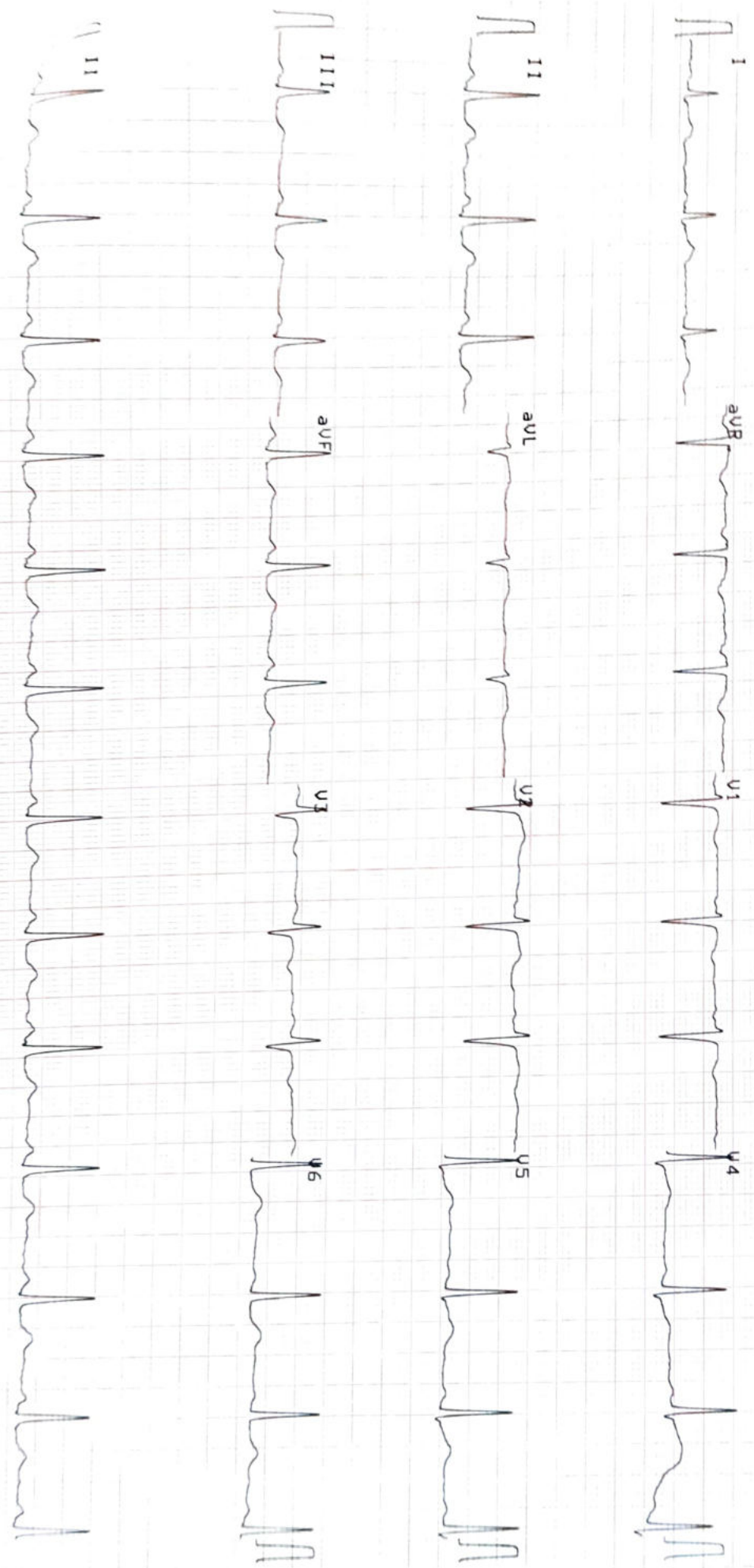
QTc 427 ms

Sokol. 2.60 mV

(Bazett)

10 mm/mV

10 mm/mV



0.05-25 Hz FS0 55F 5B5 26.11.2022 12:10:10

NARAYAN MEMORIAL HOSPITAL, BEHALLA

RT-102plus 1.25 Ct



## DIAGNOSTICS REPORT

Patient Name	: Mrs. TEJAL SADANAND	Order Date	: 26/11/2022 09:22
Age/Sex	: 34 Year(s)/Female	Report Date	: 28/11/2022 14:11
UHID	: NMHK.2221257	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 7E,BLOCK 7,PARNASREE GREEN, PARNARSREE,Kolkata, West Bengal, 700060	Mobile	: 8582905303

### STRESS TEST (TREAD MILL)

The patient exercised according to the BRUCE for 10:01 mins, achieving a work level of Max. METS: 13.5. The resting heart rate of 68 bpm rose to a maximal heart rate of 158 (85% of Pr.MHR) bpm. The resting blood pressure of 90/70 mmHg, rose to a maximum blood pressure of 140/80 mmHg. The exercise stress test was stopped due to THR achieved.

#### Interpretation

Summary: Resting ECG: normal. Functional capacity: normal. HR response to Exercise: appropriate. BP response to Exercise: appropriate. Chest pain: none. Arrhythmia: none. ST changes: Depression noted at time of peak exercise.

#### Conclusion

**EXERCISE STRESS TEST IS POSITIVE FOR EVIDENCE OF PROVOCABLE MYOCARDIAL ISCHAEMIA.  
GOOD EFFORT TOLERANCE.**

Please correlate clinically.

**Dr.INDIRA BANERJEE ,  
MD,DNB,MRCPC (UK)**

Board Certified Comprehensive  
Echocardiographer (USA)

## EXERCISE STRESS TEST REPORT

Patient Name: TEJAL SADANAND  
Regn. ID.: NMHK 2221257  
Height: 164 cm.  
Weight: 58 kg

DOB: 01-01-1988  
Age: 34 yrs.  
Gender: Female  
Race: Indian

Study Date: 26.11.2022  
Test Type: Treadmill Stress Test  
Protocol: BRUCE

Attending Physician: Dr. SOURAV BASU  
Reporting Physician: Dr. INDIRA BANERJEE  
Technician: SNEHA BHANDARI, Technologist

**Medication:**  
Thyronorm 75

**Medical History:**  
Father had H/o. Cardiac problem, HTN & T2DM.

**Reason for Exercise Test:**  
Health check up

Phase Name	Stage Name	Time in stage	Mets	Speed (km/h)	Grade (%)	HR (bpm)	BP (mmHg)
PRETEST	SUPINE	0.39	1.0	0.0	0.00	68	90/70
	STANDING	0.33	1.0	0.0	0.00	94	90/70
	HYPERVEN.	1.10	1.0	0.0	0.00	98	90/70
EXERCISE	STAGE 1	3.00	4.6	1.7	10.00	111	100/70
	STAGE 2	3.00	7.0	2.5	12.00	134	110/70
	STAGE 3	3.00	10.2	3.4	14.00	145	130/80
	PEAK EXERCISE	1.01	13.5	4.2	16.00	158	140/80
RECOVERY	EARLY	1.00	1.8	1.0	0.00	134	140/80
	LATE	4.16	1.0	0.0	0.00	100	120/80

The patient exercised according to the BRUCE for 10:01 mins, achieving a work level of Max. METS: 13.5. The resting heart rate of 68 bpm rose to a maximal heart rate of 158 (85% of Pr.MHR) bpm. The resting blood pressure of 90/70 mmHg, rose to a maximum blood pressure of 140/80 mmHg. The exercise stress test was stopped due to THR achieved.

### Interpretation

Summary: Resting ECG: normal. Functional capacity: normal. HR response to Exercise: appropriate. BP response to Exercise: appropriate. Chest pain: none. Arrhythmia: none. ST changes: Depression noted at time of peak exercise.

### Conclusion

**EXERCISE STRESS TEST IS POSITIVE FOR EVIDENCE OF PROVOCABLE MYOCARDIAL ISCHAEMIA. GOOD EFFORT TOLERANCE.**

*Please correlate clinically.*

# Narayan Memorial Hospital, Behala

TEJAL SADANAND (34 F)

ID: NMHK2221257

Date: 26-Nov-22

Exec Time : 0 m 0 s

Stage Time : 0 m 39 s HR: 68 bpm

Protocol: Bruce

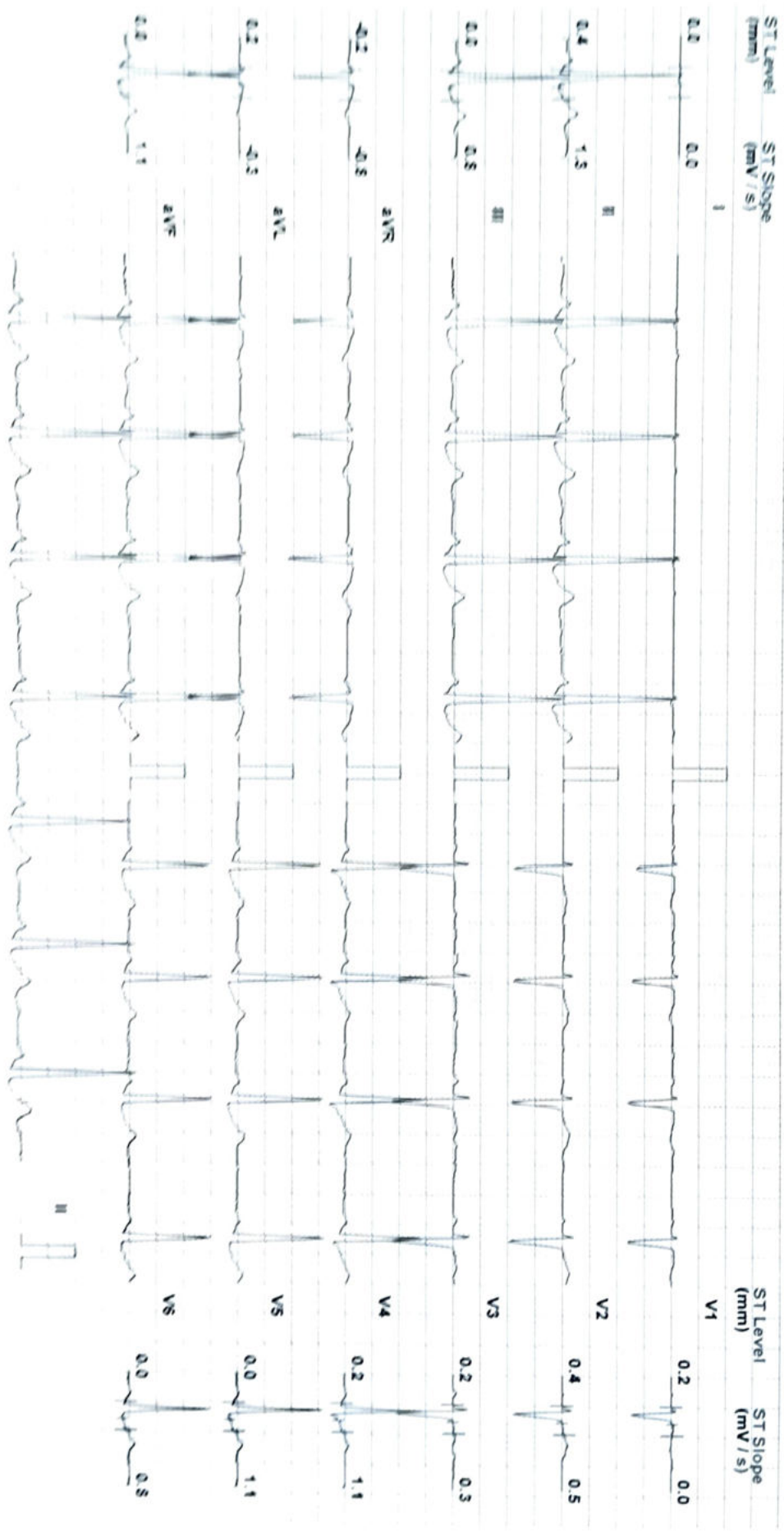
Stage: Supine

Speed: 0 mph

Grade: 0 %

(THR: 158 bpm)

B.P: 90 / 70



Lead: Standard 12-lead

Filter: 25 Hz

Mar's Fix ON

Amp: 10 mm

25 x 42 mm

25 x 42 mm

# Narayan Memorial Hospital, Behala

TEJAL SADANAND (34 F)

ID: NMHN2221257

Date: 26-Nov-22

Exec Time : 0 m 0 s

Stage Time : 0 m 33 s HR: 94 bpm

Normal Range

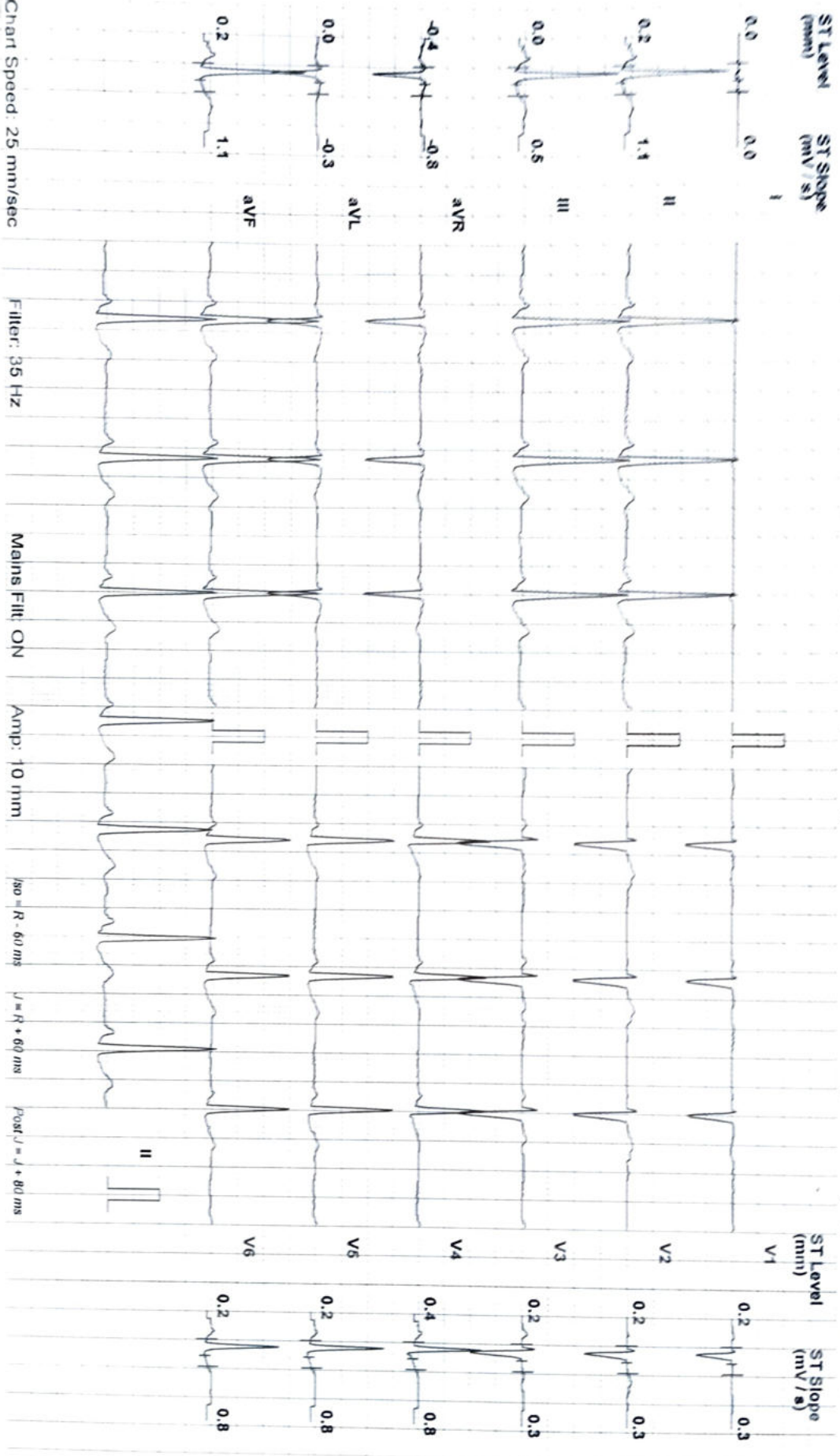
Stage: Standing

Speed: 0 mph

Grade: 0 %

(THR: 158 bpm)

B.P: 90 / 70



Schiller Spandan V 4.7

# Narayan Memorial Hospital, Behala

TEJAL SADANAND (34 F)

ID: NMHK2221257

Date: 26-Nov-22

Exec Time : 0 m 0 s

Stage Time : 1 m 10 s HR: 98 bpm

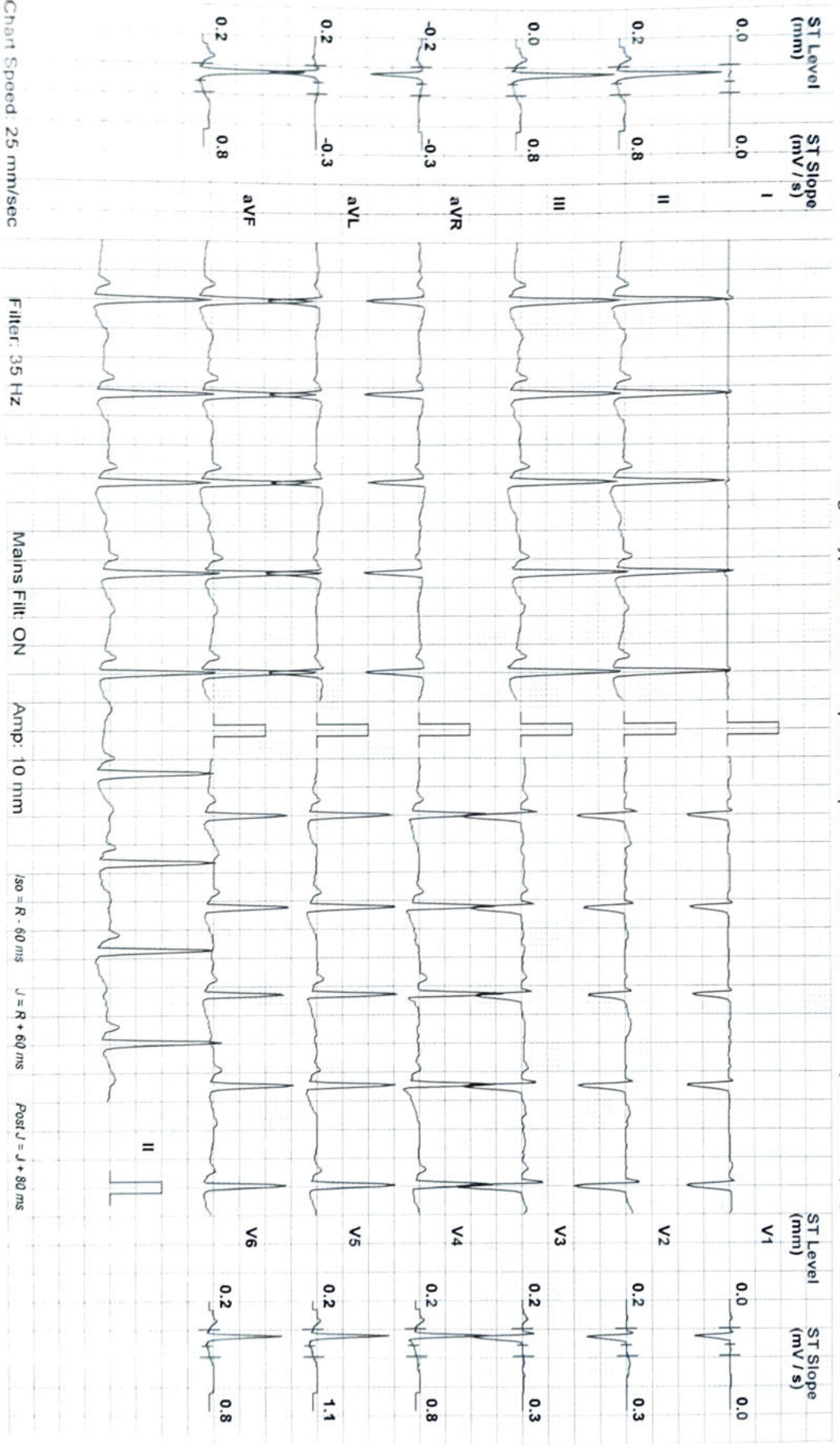
Protocol: Bruce

Stage: Hyperventilation Speed: 0 mph

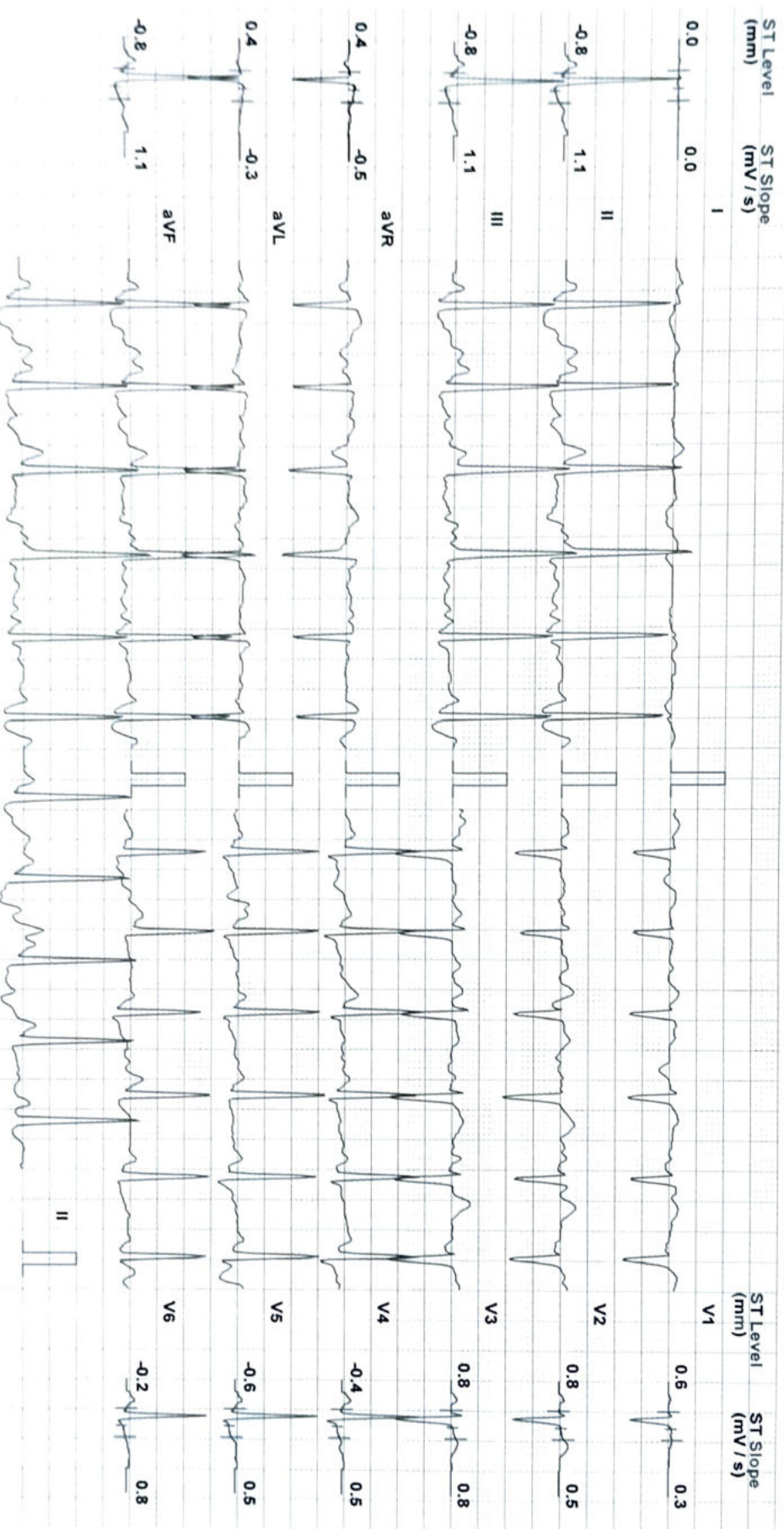
Grade: 0 %

(THR: 158 bpm)

B.P: 90 / 70



Scalier Treadmill V4.7



Cross Speed: 25 mm/sec  
Scale: paper 1.41

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

100 = R - 60 ms

J = R + 60 ms

Post J = J + 80 ms



# Narayan Memorial Hospital, Behala

TEJAL SAGANAND (54 F)

ID: NHHK221257

Date: 26-Nov-22

Exec Time: 6 m 0 s

Stage Time: 3 m 0 s

HR: 134 bpm

PRINCE ENGINE

Stage 2

Speed: 2.5 mph

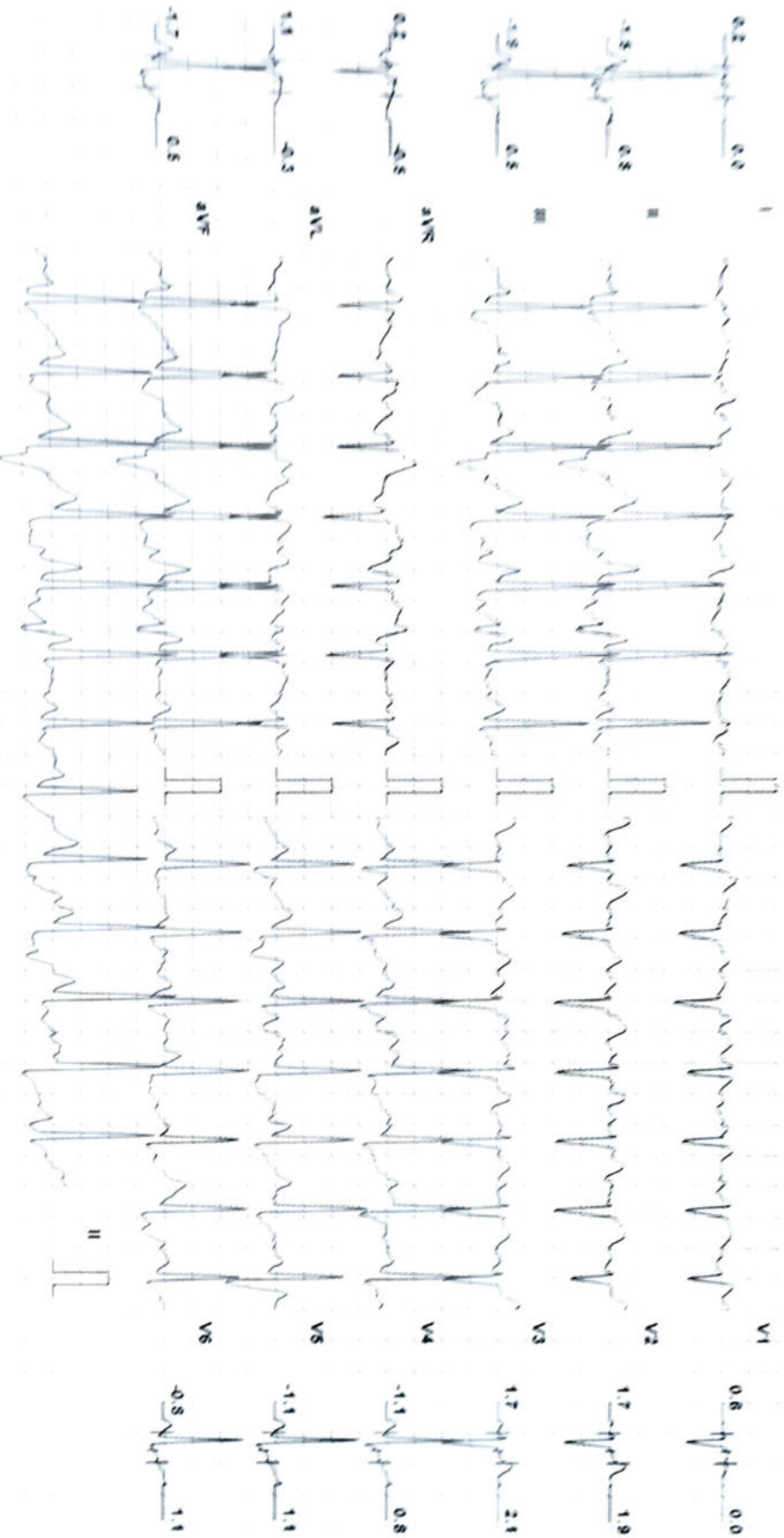
Grade: 12%

(HR: 158 bpm)

B.P: 110/80

ST Level (mm) ST Slope (mV/s)

ST Level (mm) ST Slope (mV/s)



C-Paper Speed 25 mm/sec

Filter 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

PAPER J = J + 80 ms

Serial Number: 117

TEJAL SADANAND (34 F)

Narayan Memorial Hospital, Behala

ID: NMHK2221257

Date: 26-Nov-22

Exec Time : 9 m 0 s

Stage Time : 3 m 0 s

HR: 145 bpm

Protocol: Bruce

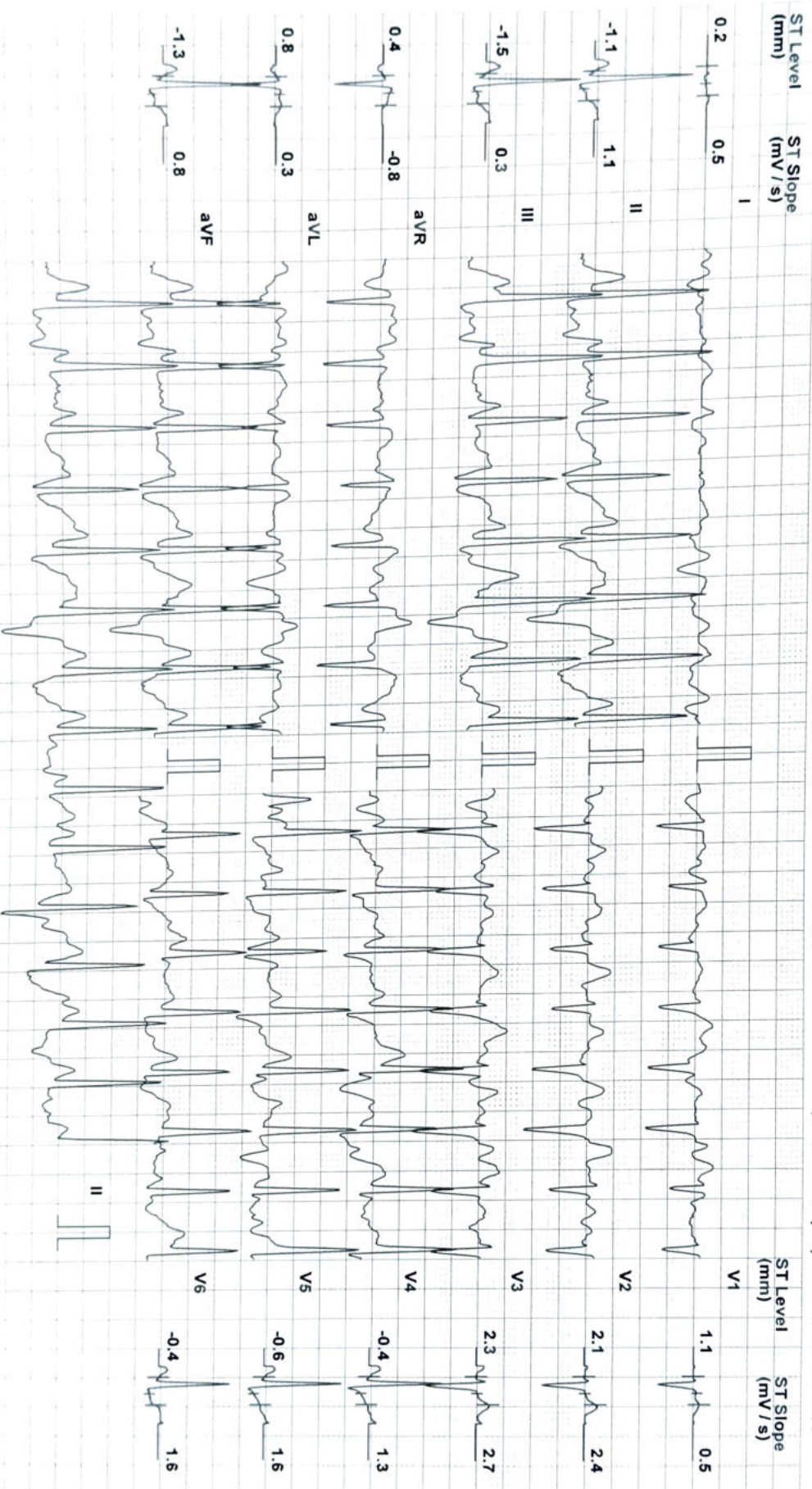
Stage: 3

Speed: 3.4 mph

Grade: 14 %

(THR: 158 bpm)

B.P: 130 / 80



Crat Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms

J = R + 60 ms

Post J = J + 80 ms

Scanner: Spindan V 4.7

# Narayan Memorial Hospital, Behala

TEJAL SADANAND (34 F)

ID: NMHK2221257

Date: 26-Nov-22

Exec Time : 10 m 1 s Stage Time : 1 m 1 s

HR: 158 bpm

Protocol: Bruce

Stage: Peak Ex

Speed: 4.2 mph

Grade: 16 %

(THR: 158 bpm)

B.P: 140 / 80

ST Level (mm)

ST Slope (mV/s)

ST Level (mm)

ST Slope (mV/s)

I

2.3

2.4

V1

2.5

1.3

II

-1.7

1.9

V2

3.2

2.9

III

-3.8

-0.5

V3

1.7

1.9

aVR

-0.2

-2.1

V4

-0.2

1.6

aVL

3.0

1.6

V5

-0.8

0.8

aVF

-2.8

0.5

V6

-0.8

0.8

iso = R - 60 ms  
J = R + 60 ms  
Post J = J + 80 ms

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

Chart Speed: 25 mm/sec  
Printer: Spandan V4.7

TEJAL SADANAND (34 F)

Narayan Memorial Hospital, Behala

Procedure: Stress

ID: NMHK221257

Date: 26-Nov-22

Exec Time : 10 m 1 s Stage Time : 0 m 52 s HR: 139 bpm

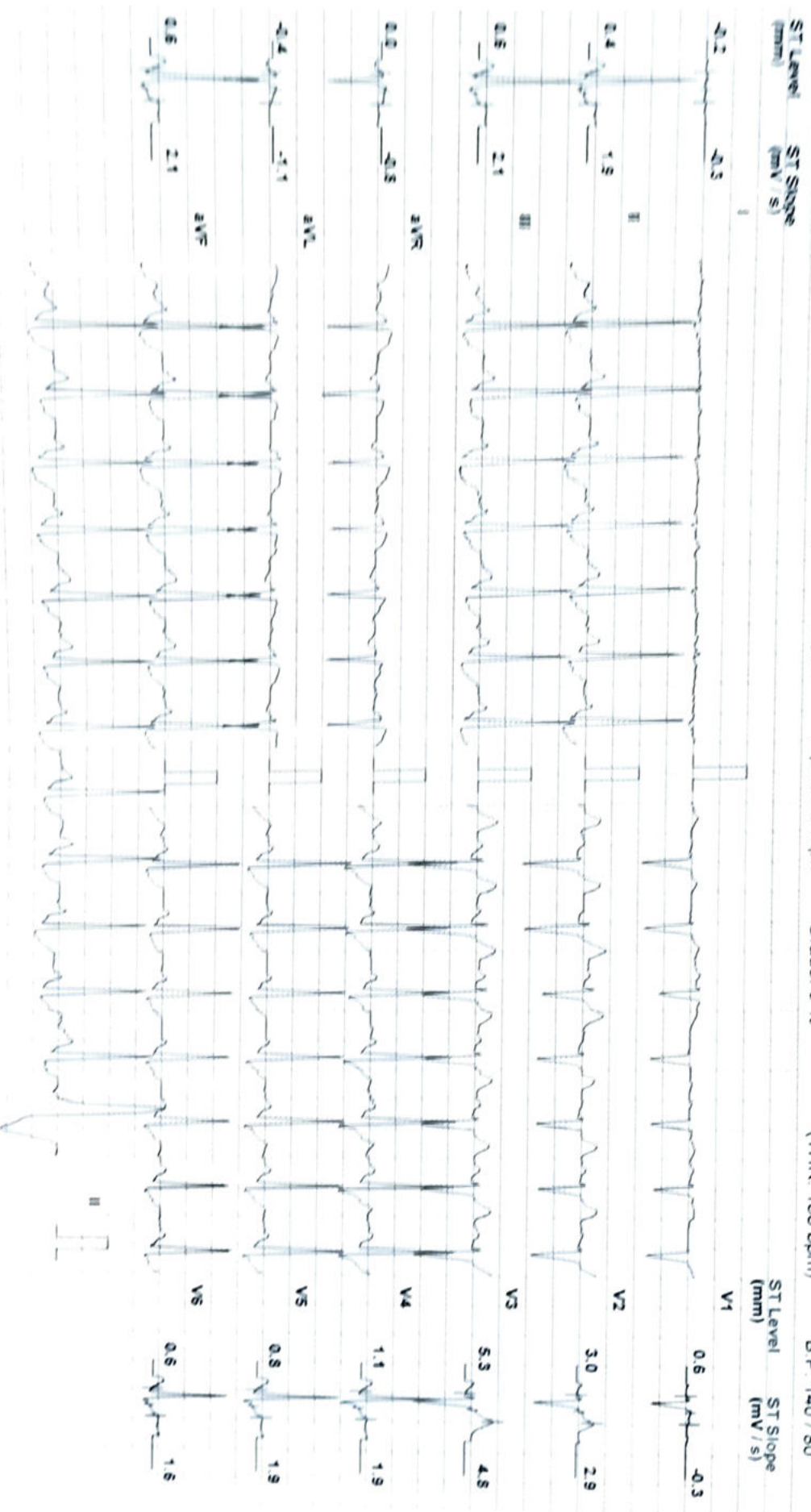
Stage: Recovery(1)

Speed: 0 mph

Grade: 0 %

(THR: 155 bpm)

B.P. 140 / 80



Cover Speed 25 mm/sec

Filter 35 Hz

Main Filter ON

Amp 10 mm

SR = 8 - 80 ms

PR = 8 - 80 ms

PUR = 0 - 80 ms

Protocol Bruce

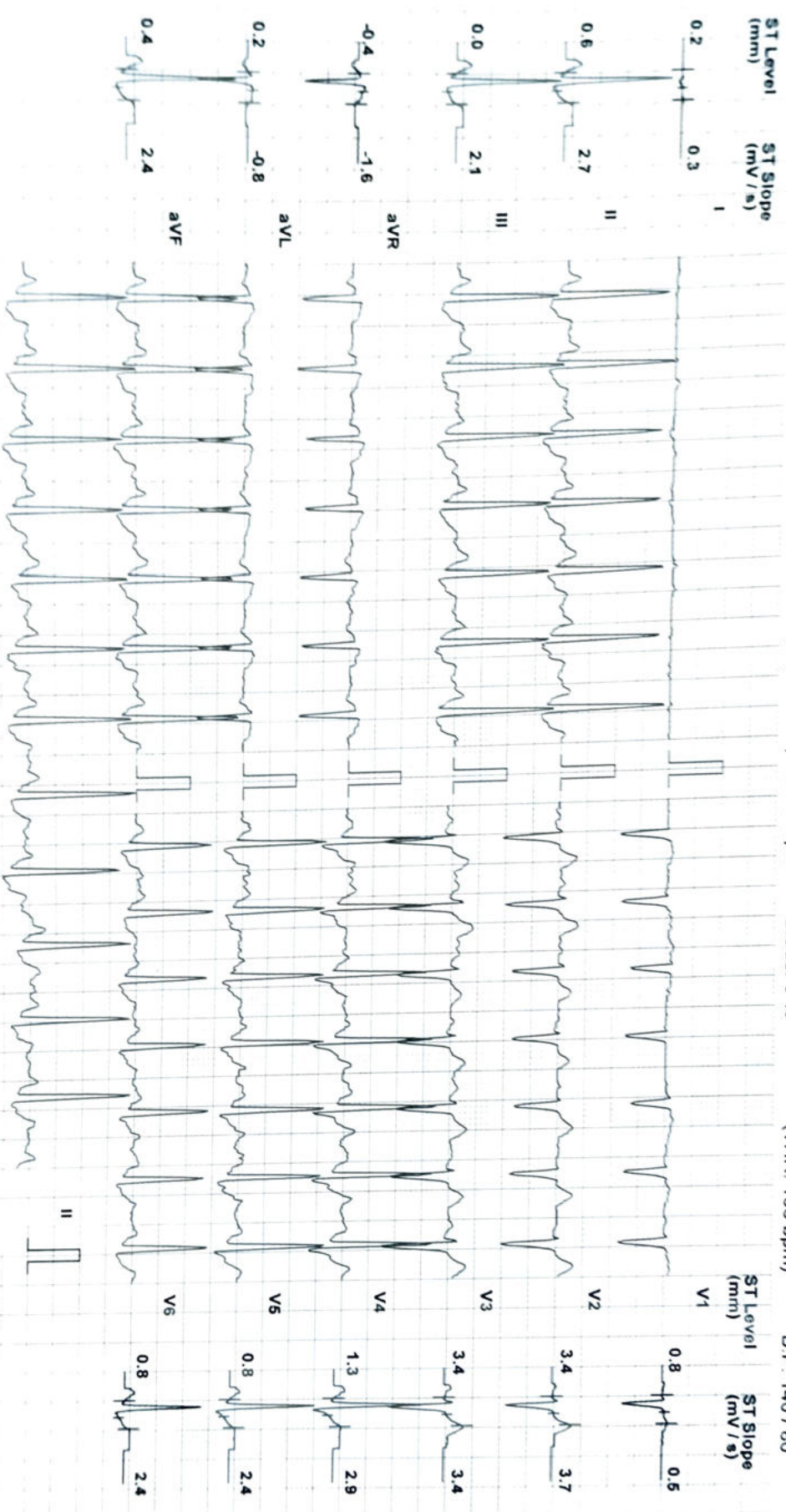
Stage: Recovery(1)

Speed: 0 mph

Grade: 0 %

(THR: 158 bpm)

B.P: 140 / 80



2.5 mm/sec

Filter 35 Hz

Mains Fil: ON

Amp: 10 mm

Iso = R - 60 ms

J = R + 60 ms

Post J = J + 80 ms

Version: Standard V.4.1

# Narayan Memorial Hospital, Behala

TEJAL SADANAND (34 F)

ID: NMHK2221257

Date: 26-Nov-22

Exec Time : 10 m 1 s Stage Time : 2 m 0 s

HR: 104 bpm

Protocol: Bruce

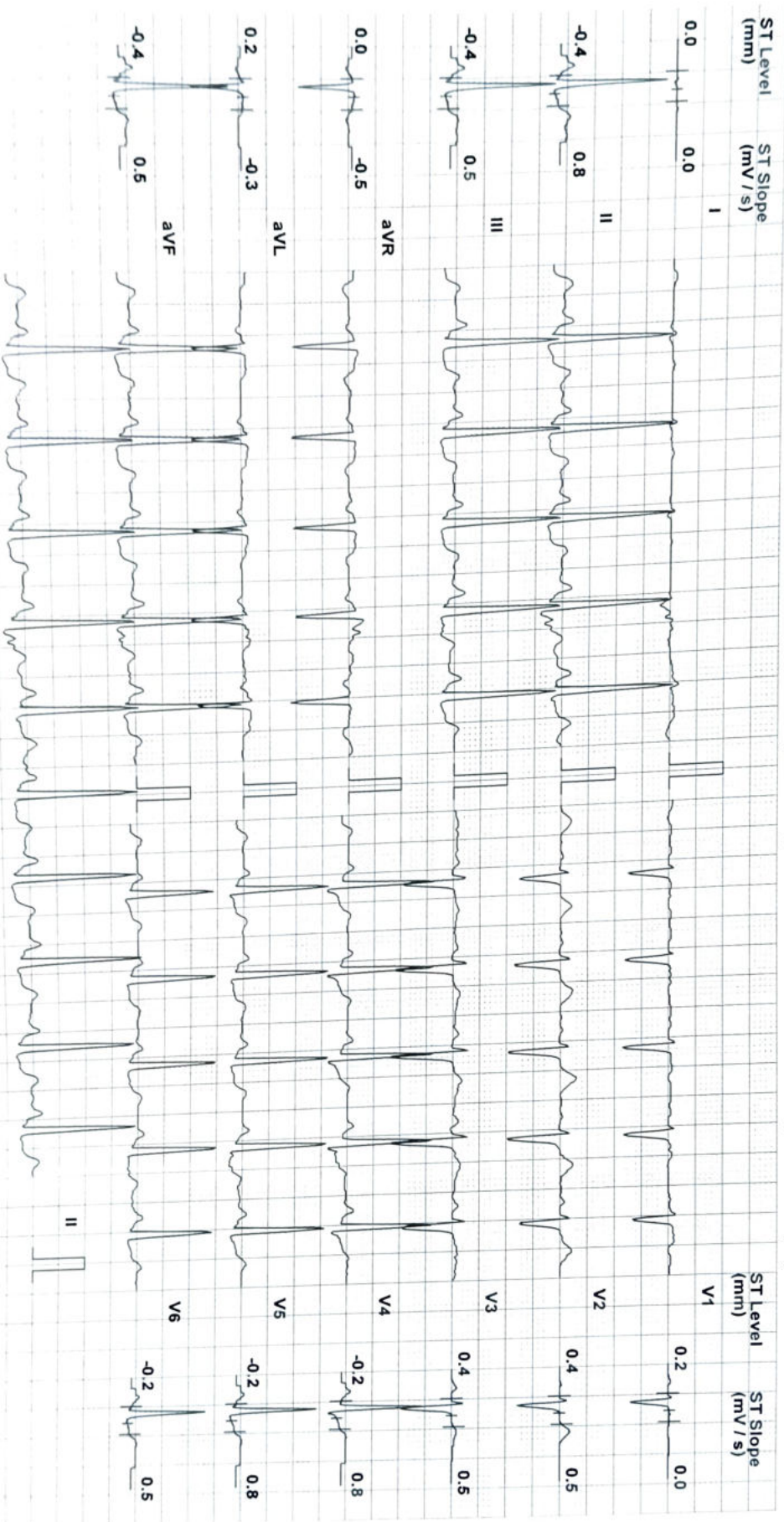
Stage: Recovery(2)

Speed: 0 mph

Grade: 0 %

(THR: 158 bpm)

B.P: 130 / 80



12-lead Standard: 25 mm/sec  
Vmax: 14.1

Filter: 35 Hz

Mains Filtr: ON

Amp: 10 mm

150 = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

# Narayan Memorial Hospital, Behala

TEJAL SADANAND (34 F)

ID: NMHK2221257

Date: 26-Nov-22

Exec Time : 10 m 1 s Stage Time : 2 m 0 s

HR: 100 bpm

Protocol: Bruce

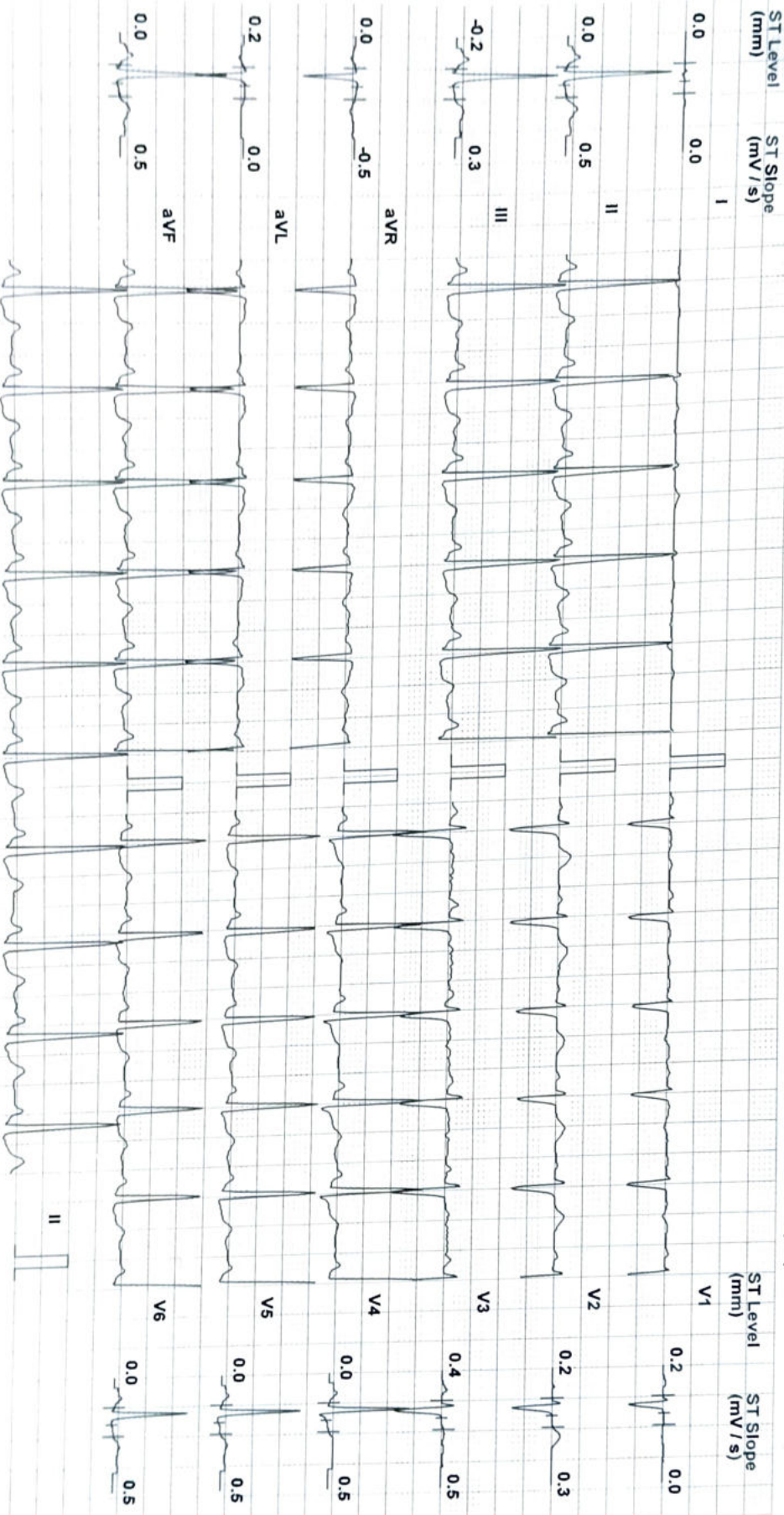
Stage: Recovery(3)

Speed: 0 mph

Grade: 0 %

(THR: 158 bpm)

B.P: 120 / 80



Cran Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

iso = R - 60 ms

J = R + 60 ms

Post J = J + 80 ms

Model: GE1200 1.4.1