

## PHYSICIAN CONSULTATION

DATE:- 10-6-2023

NAME:- Neha Kumari

DOB: 11-06-1992

AGE:- 30yrs      SEX:- Female

HEIGHT:- 166 cms

WEIGHT:- 43 kgs

BP READING:- 110/70 mmHg.

PULSE :- 76 /min

BMI :- 15.60

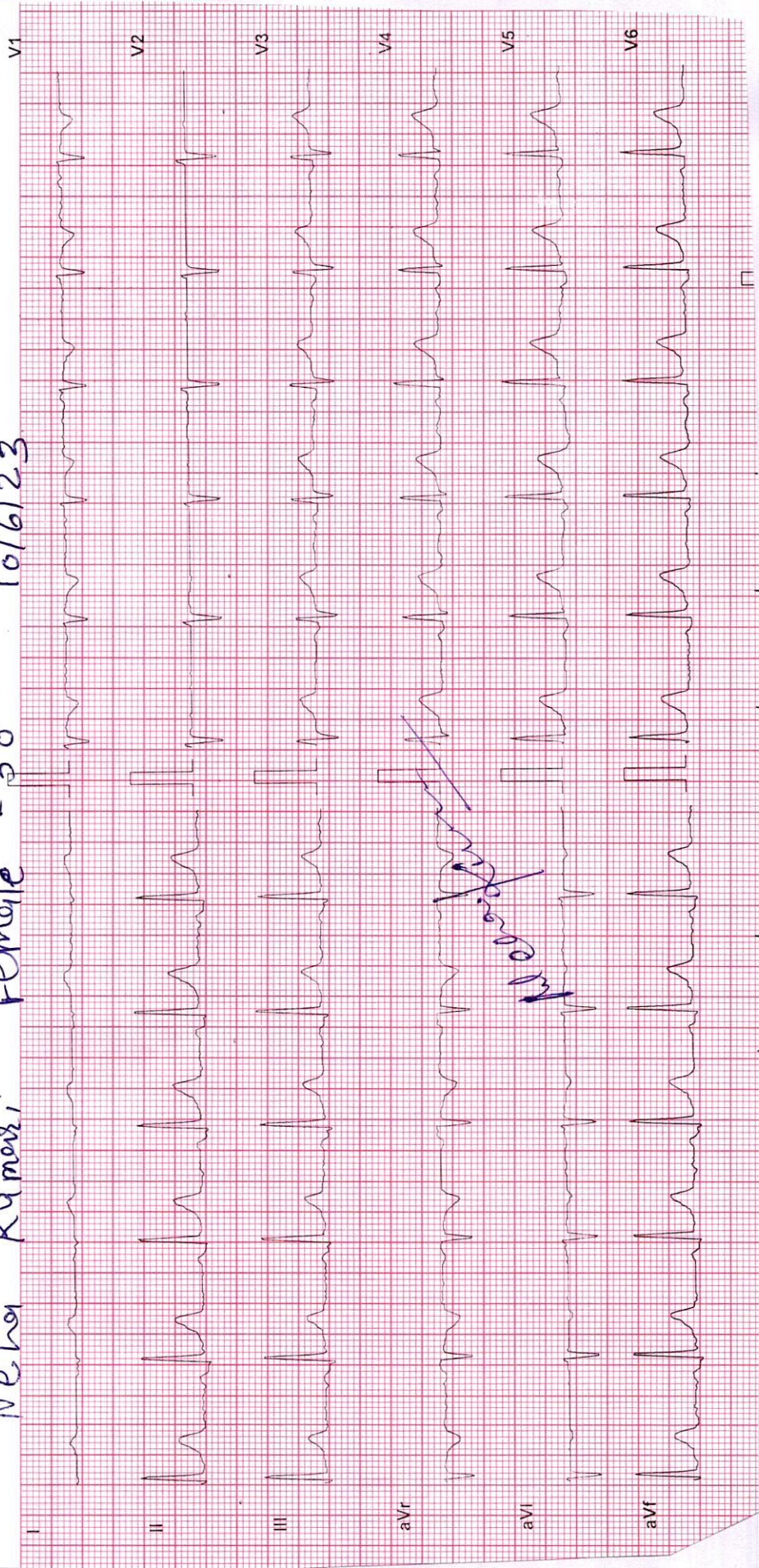
MEDICATION:- NO

*N. R. Shah*  
**DR. N. R. SHAH**  
G-4383 M.D





Neha Kumari Female -30 10/6/23



Risk with 876

Dr. N.R. Shah  
G-4383 M.D.



**Patient Details**

Date: 6/10/2023

Time: 9:00:13 AM

Name: NEHA KUMARI

Age: 30 y Sex: F

Height: 166 cms

Weight: 43 Kgs

Clinical History: NONE

Medications: NONE

**Test Details**

Protocol: Bruce

Pr.MHR: 190 bpm

THR: 161 (85 % of Pr.MHR) bpm

Total Exec. Time: 7 m 36 s

Max. HR: 175 ( 92% of Pr.MHR ) bpm

Max. Mets: 10.20

Max. BP: 144 / 78 mmHg

Max. BP x HR: 25200 mmHg/min

Min. BP x HR: 5390 mmHg/min

End Point Criteria: Target Heart Rate Achieved.

**Protocol Details**

Stage Name	Stage Time (min : sec)	Mets	Speed (mph)	Grade (%)	Heart Rate (bpm)	Max. BP (mm/Hg)	Max. ST Level (mm)	Max. ST Slope (mm/s)
Supine	0 : 30	1.0	0	0	77	110 / 70	-0.85 aVr	0.64 V5
Standing	0 : 12	1.0	0	0	80	110 / 70	-0.64 aVr	0.42 II
Hyperventilation	0 : 18	1.0	0	0	85	110 / 70	-0.64 aVr	0.64 II
1	3 : 0	4.6	1.7	10	116	118 / 72	-1.49 V2	1.70 II
2	3 : 0	7.0	2.5	12	143	130 / 74	-1.27 aVr	1.49 II
Peak Ex	1 : 36	10.2	3.4	14	175	144 / 78	-1.91 III	2.12 II
Recovery(1)	3 : 0	1.0	0	0	91	140 / 76	-0.64 III	1.70 II
Recovery(2)	3 : 0	1.0	0	0	102	128 / 74	-0.42 III	0.64 II
Recovery(3)	0 : 36	1.0	0	0	89	116 / 72	-0.64 aVr	0.42 II

**Interpretation**

Normal Haemodynamic Response.

Normal Chronotropic Response.

Good Exercise Tolerance.

Normal HR and BP Response.

No Angina. No Arrhythmias.

No ST-T changes present in exercise &amp; Recovery.

Test Negative For Exercise Inducible Ischemia.



*N.R. Shah*  
**DR. N. R. SHAH**  
**G-4383 M.D**

*Debanjan*

Ref. Doctor: -----

( Summary Report edited by user )

.....

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NEHA KUMARI (30 F)

ID: 4716

Date: 6/10/2023

Exec Time : 0 m 0 s

Stage Time : 0 m 24 s

HR: 77 bpm

Protocol: Bruce

Stage: Supine

Speed: 0 mph

Grade: 0 %

(THR: 161 bpm)

B.P: 110 / 70

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

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

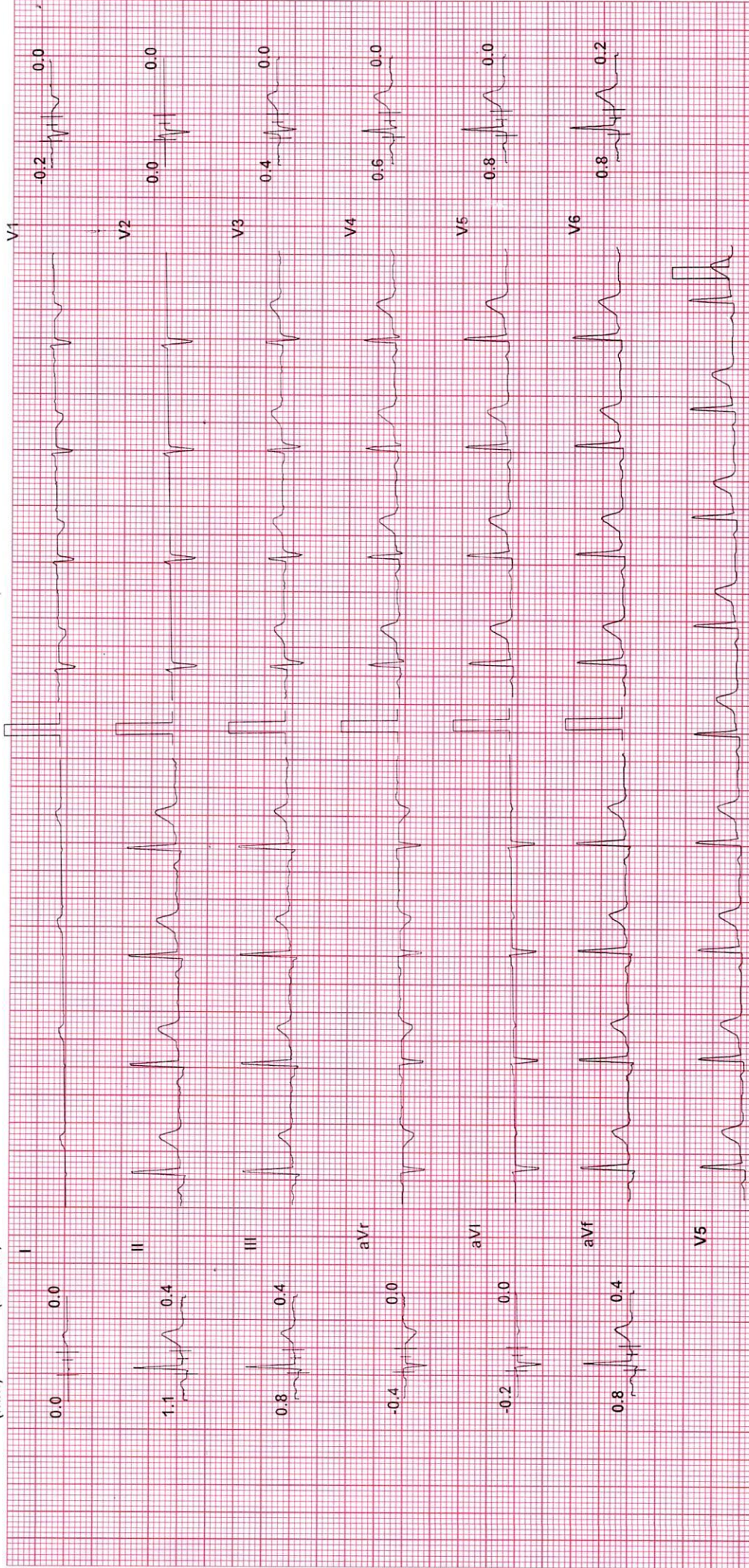


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*Neelam*



NEHA KUMARI (30 F)

ID: 4716

Date: 6/10/2023

Exec Time : 0 m 0 s

Stage Time : 0 m 6 s

HR: 76 bpm

Protocol: Bruce

Stage: Standing

Speed: 0 mph

Grade: 0 %

B.P: 110 / 70

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

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

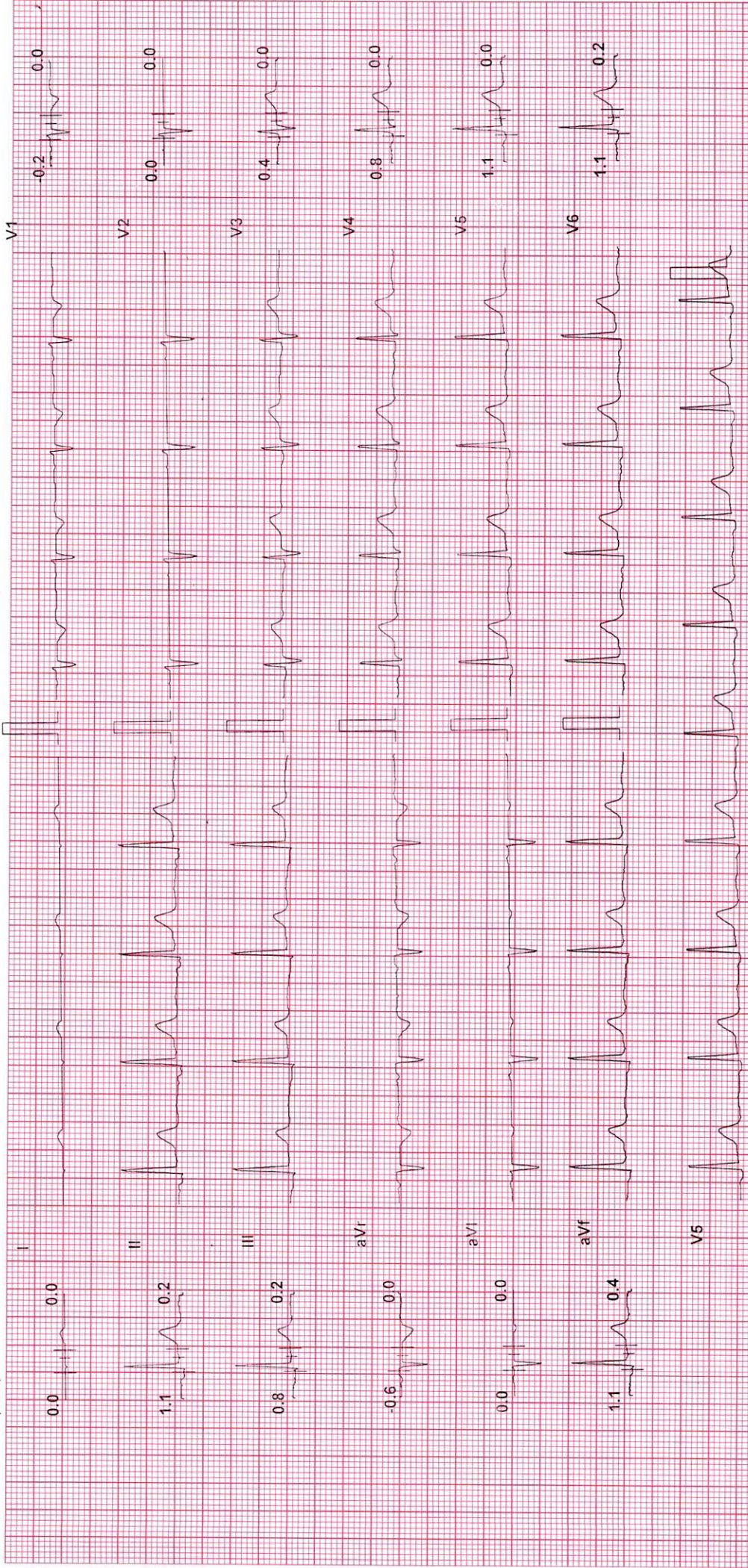


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*Dr. Kumar*



NEHA KUMARI (30 F)

ID: 4716

Date: 6/10/2023

Exec Time : 0 m 0 s

Stage Time : 0 m 12 s HR: 85 bpm

Protocol: Bruce

Stage: Hyperventilation

Speed: 0 mph

Grade: 0 %

(THR: 161 bpm) B.P: 110 / 70

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

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

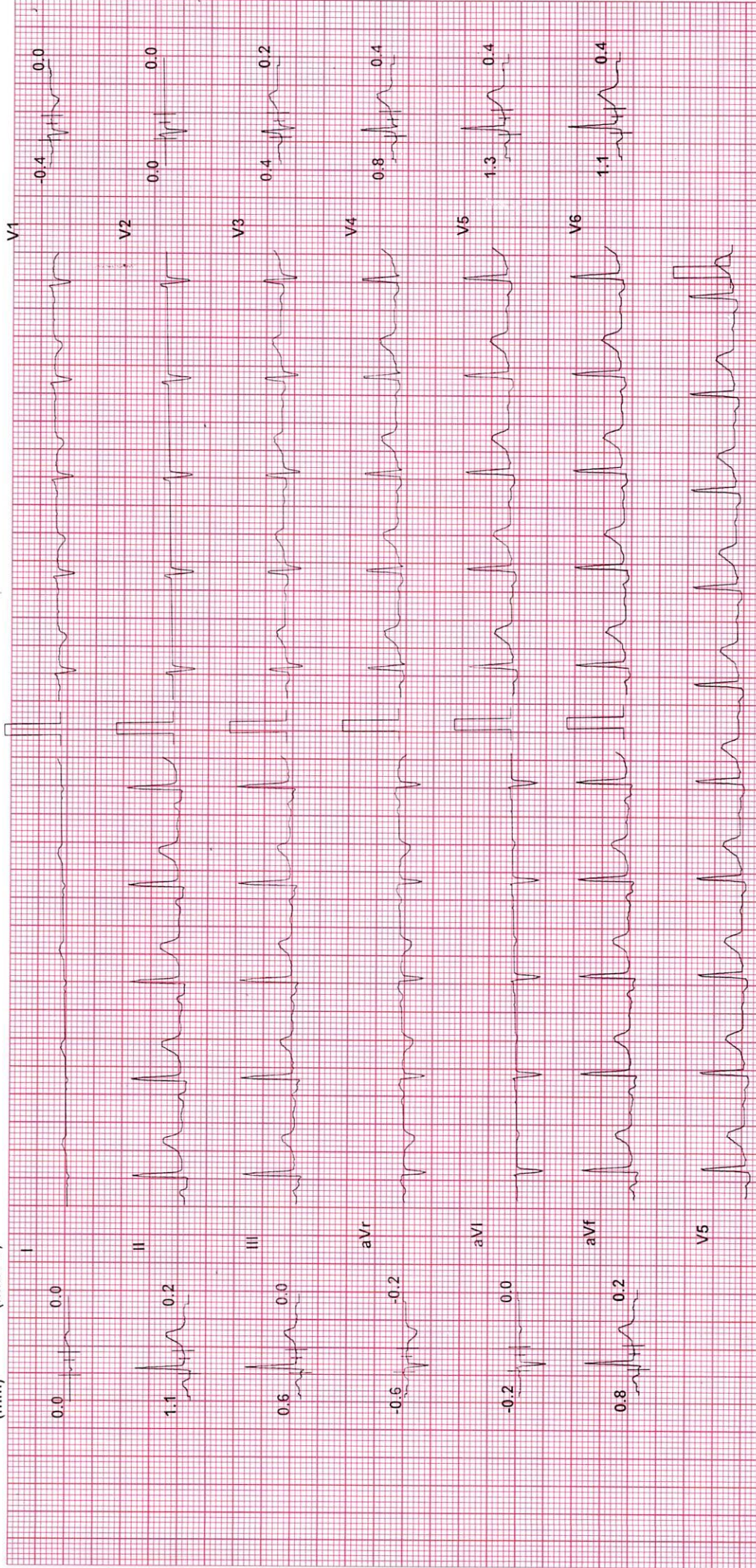


Chart Speed: 25 mm/sec  
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Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

ISO = R - 60 ms J + R + 60 ms

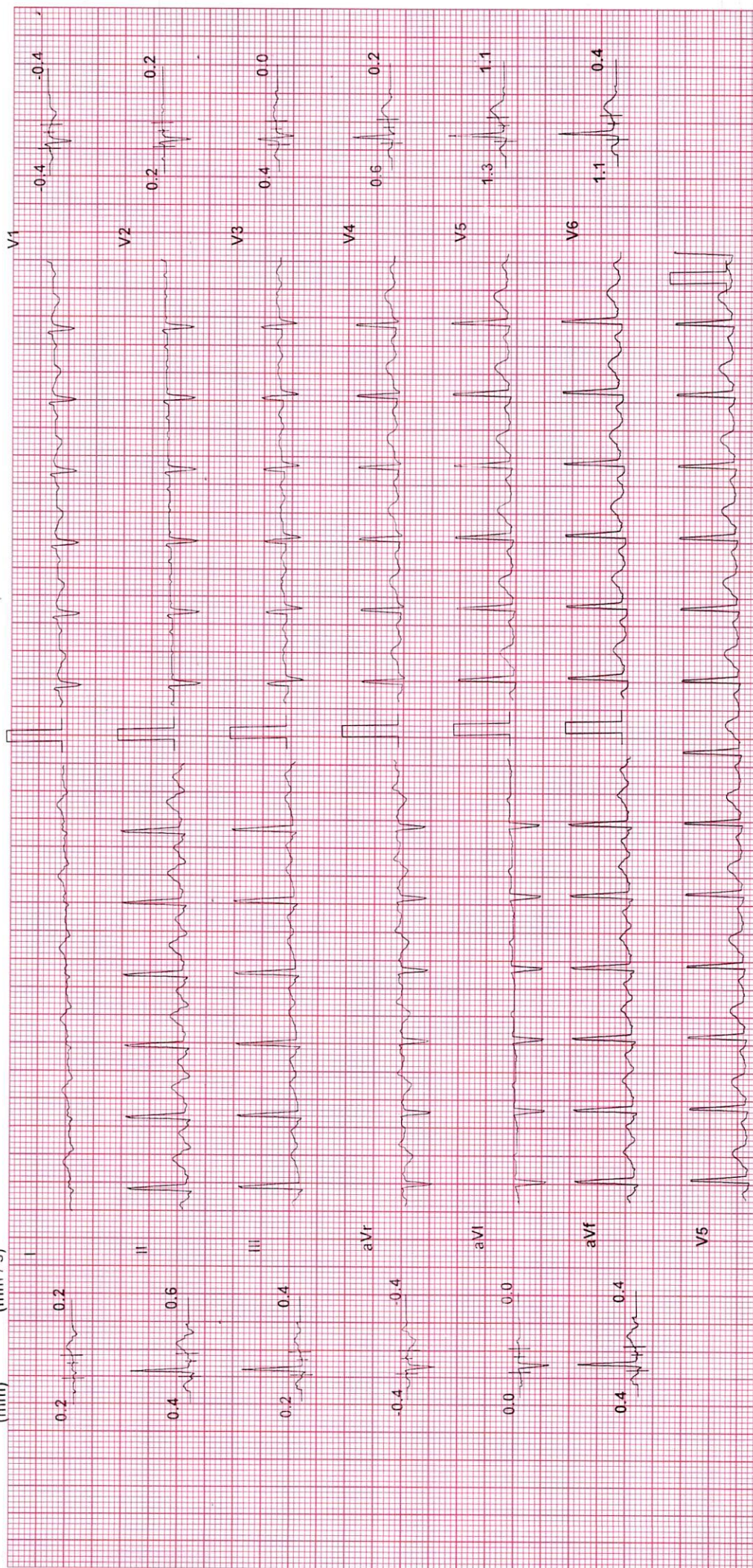
Post J - J + 60 ms

*P. Sankar*



NEHA KUMARI (30 F)  
 ID: 4716  
 Date: 6/10/2023  
 Exec Time : 2 m 54 s  
 Stage Time : 2 m 54 s  
 HR: 116 bpm  
 Protocol: Bruce  
 Speed: 1.7 mph  
 Grade: 10 %  
 (THR: 161 bpm)  
 B.P: 118 / 72

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



ISO = R - 60 ms J - R + 60 ms Post J - J + 60 ms

Mains Filt: ON Amp: 10 mm

Filter: 35 HZ

Chart Speed: 25 mm/sec

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*Debabrata*



NEHA KUMARI (30 F)

ID: 4716

Date: 6/10/2023

Exec Time : 5 m 54 s Stage Time : 2 m 54 s HR: 143 bpm

Protocol: Bruce

Stage: 2

Speed: 2.5 mph

Grade: 12 %

B.P: 130 / 74

(THR: 161 bpm)

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

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

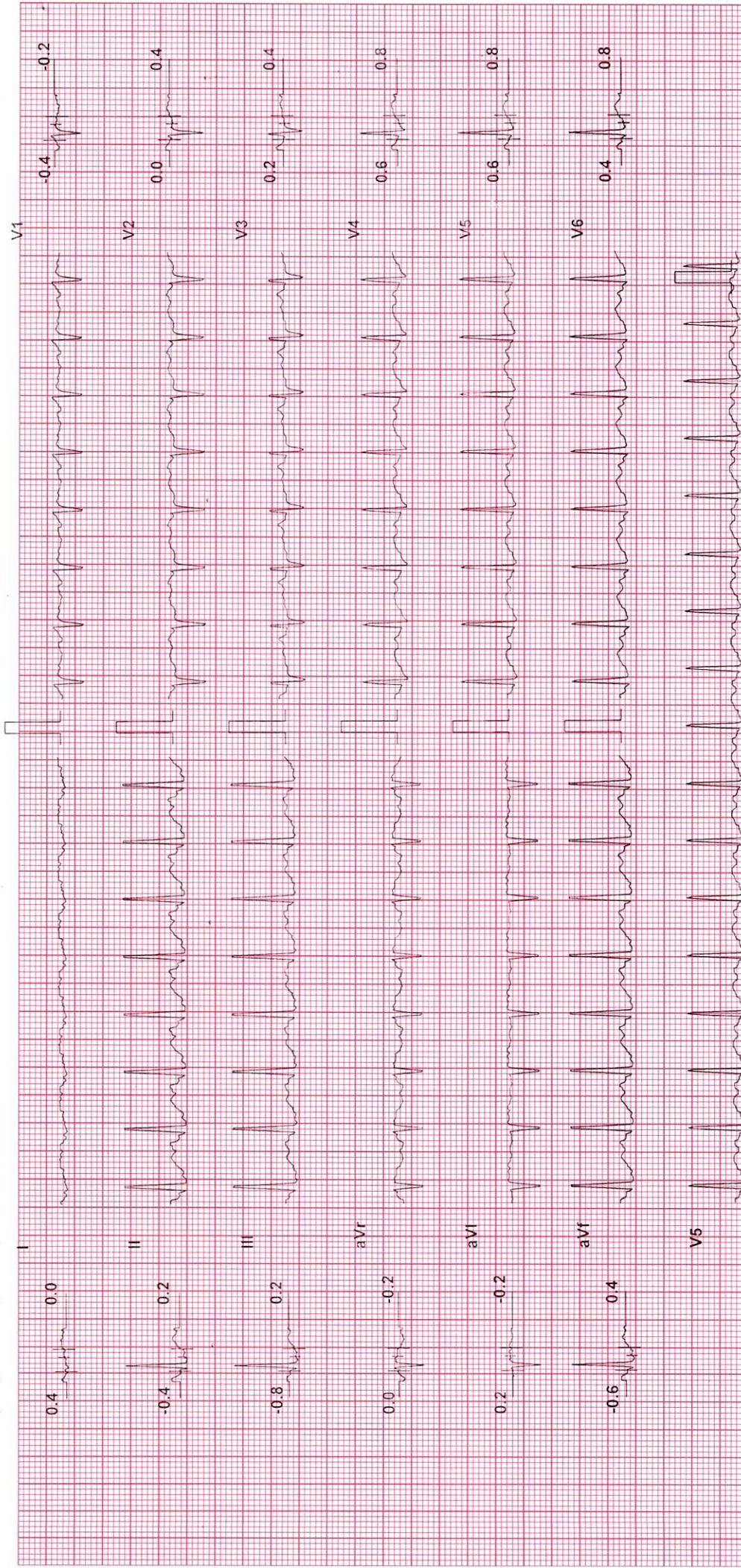


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fit: ON

Amp: 10 mm

-60 = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms

*Neeraj Kumar*



NEHA KUMARI (30 F)

ID: 4716

Date: 6/10/2023

Exec Time : 7 m 30 s Stage Time : 1 m 30 s HR: 175 bpm

Protocol: Bruce

Stage: Peak Ex

Speed: 3.4 mph

(THR: 161 bpm)

B.P: 144 / 78

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

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



Chart Speed: 25 mm/sec  
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Filter: 35 Hz Mains Filt: ON Amp: 10 mm Iso = R - 60ms J = R + 60ms Post J = J + 60ms



NEHA KUMARI (30 F)

ID: 4716

Date: 6/10/2023

Exec Time : 7 m 36 s Stage Time : 2 m 54 s HR: 91 bpm

Protocol: Bruce

Stage: Recovery(1)

Speed: 0 mph

Grade: 0 %

(THR: 161 bpm)

B.P.: 140 / 76

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

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

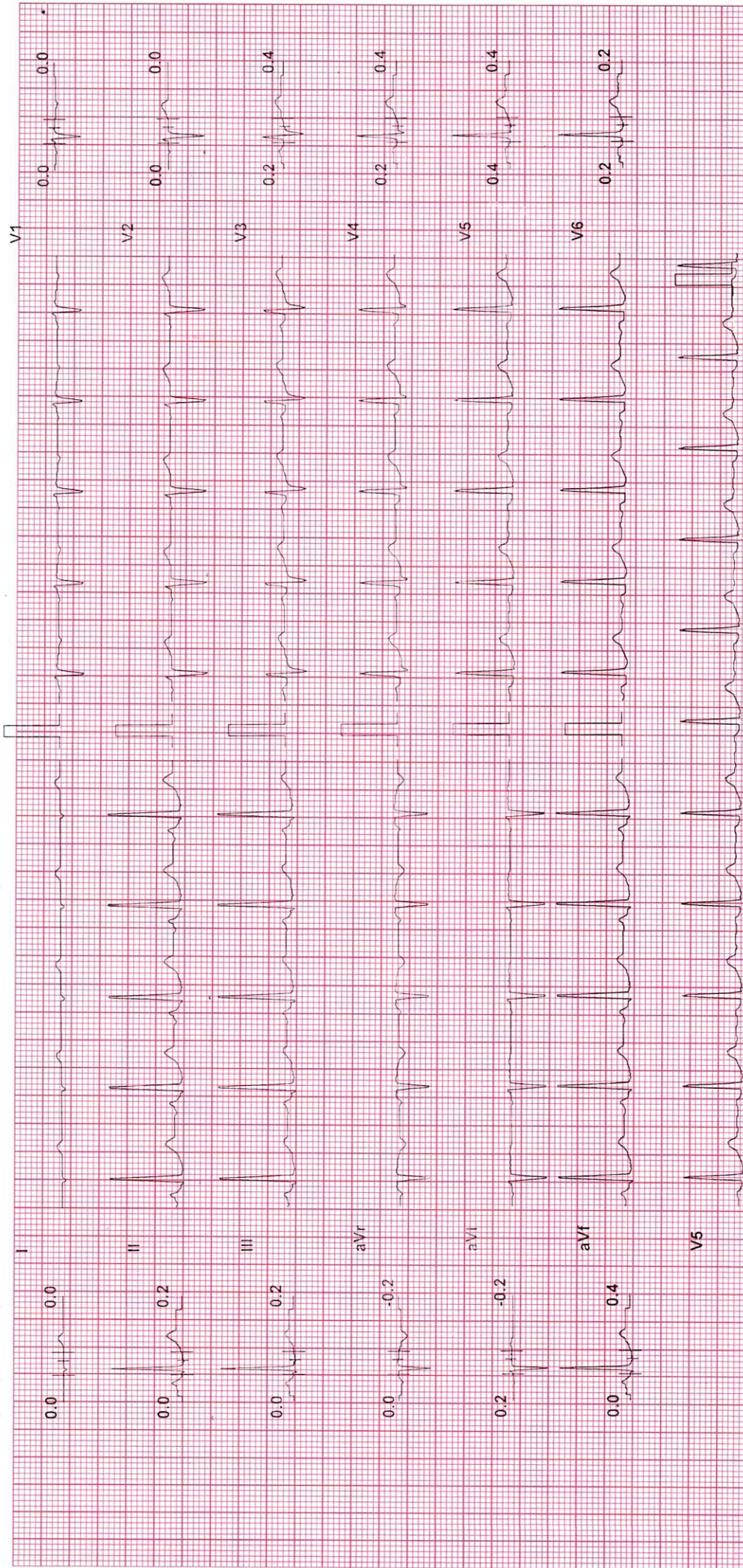


Chart Speed: 25 mm/sec

Filter: 35 Hz

Mains Fil: ON

Amp: 10 mm

60 = R - 60 ms

J = R + 60 ms

Post J = J + 60 ms



NEHA KUMARI (30 F) ID: 4716 Date: 6/10/2023 Exec Time : 7 m 36 s Stage Time : 2 m 54 s HR: 102 bpm

Protocol: Bruce Stage: Recovery(2) Speed: 0 mph Grade: 0 % (THR: 161 bpm) B.P: 128 / 74

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

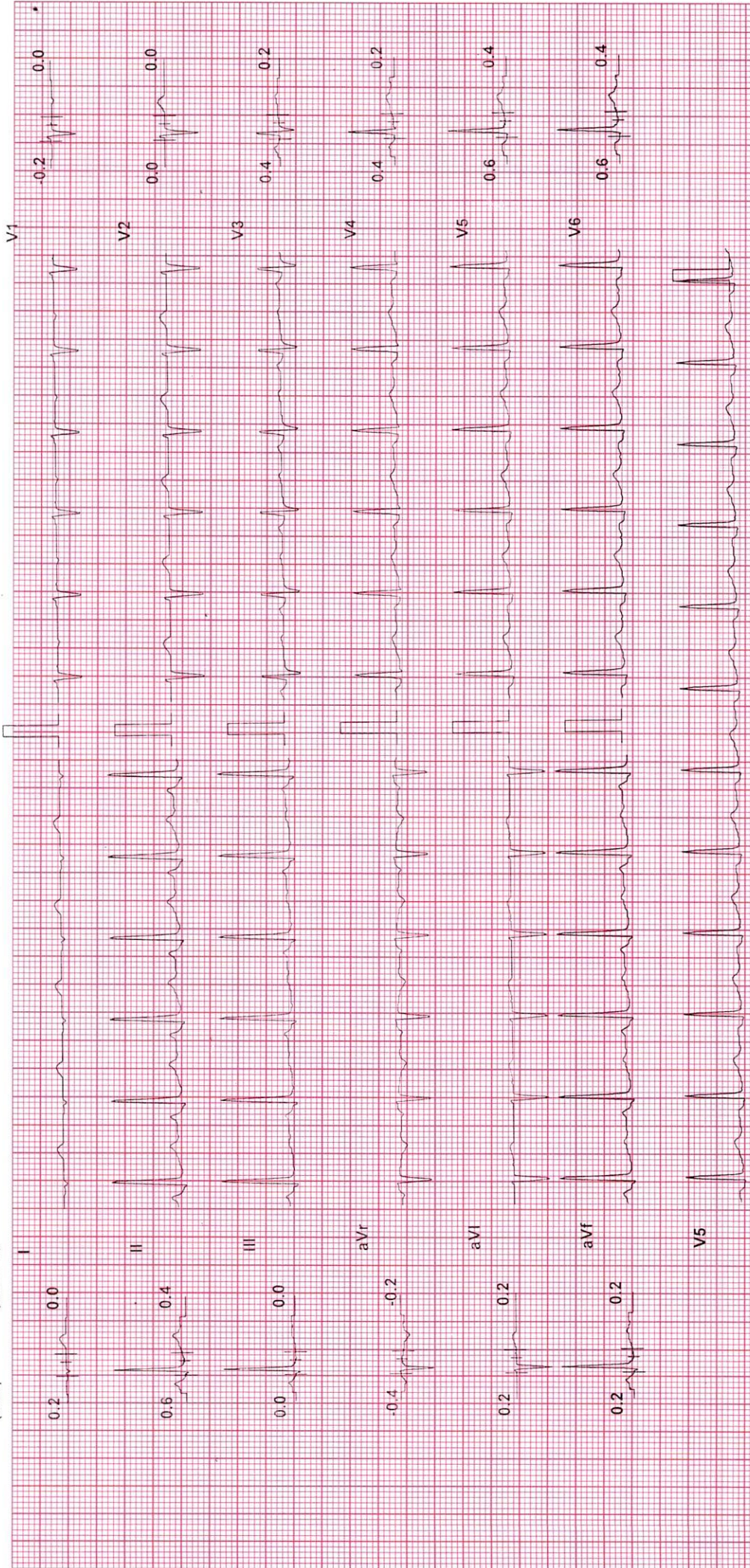


Chart Speed: 25 mm/sec Filter: 35 Hz Mains Filtr: ON Amp: 10 mm Iso = R -60 ms J = R +60 ms Post J = J +60 ms



NEHA KUMARI (30 F)

ID: 4716

Date: 6/10/2023

Exec Time : 7 m 36 s Stage Time : 0 m 30 s HR: 89 bpm

Protocol: Bruce

Stage: Recovery(3)

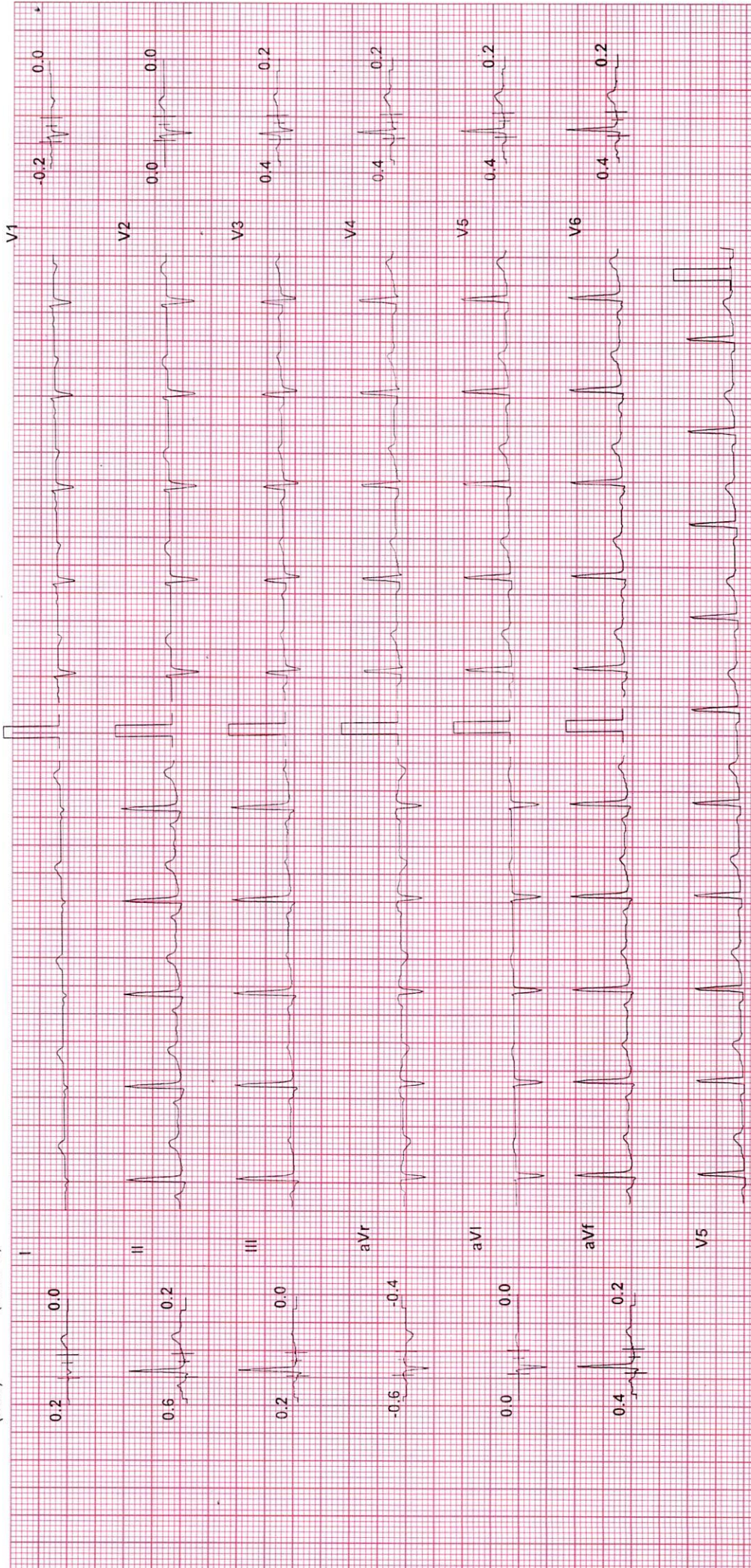
Speed: 0 mph

Grade: 0 %

(THR: 161 bpm) B.P: 116 / 72

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

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



Mains Filtr: ON Amp: 10 mm

Filter: 35 Hz

Chart Speed: 25 mm/sec

isa - R - 60 ms

J = R + 60 ms

J = R + 60 ms

J = R + 60 ms

J = R + 60 ms

J = R + 60 ms

J = R + 60 ms

J = R + 60 ms

J = R + 60 ms

J = R + 60 ms

J = R + 60 ms

J = R + 60 ms





भारतीय विशिष्ट पहचान प्राधिकरण  
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

पता:

Address:

D/O अखिलेश्वर प्रसाद,  
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झारखण्ड - 834009

D/O Akhileshwar Prasad,  
Bariatu, Ranchi,  
Jharkhand - 834009

9612 6041 2475

MERA AADHAAR, MERI PEHACHAN





भारत सरकार

GOVERNMENT OF INDIA

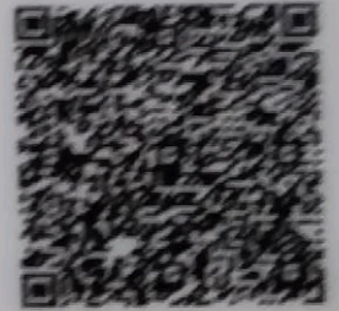


नेहा कुमारी

Neha Kumari

जन्म तिथि/ DOB: 11/06/1992

महिला / FEMALE




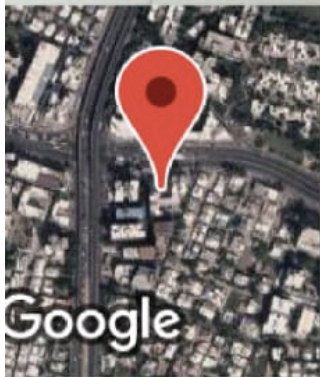
9612 6041 2475

मेरा आधार, मेरी पहचान





 GPS Map Camera



## Ahmedabad, Gujarat, India

LL-21, Maruti Tower, Near Shivranjani Char Rasta, Satellite Road, Surendra Mangaldas Rd, Ambawadi, Ahmedabad, Gujarat 380015, India

Lat 23.023907°

Long 72.531206°

10/06/23 08:41 AM GMT +05:30





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Jharkhand - 834009

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भारत सरकार

GOVERNMENT OF INDIA

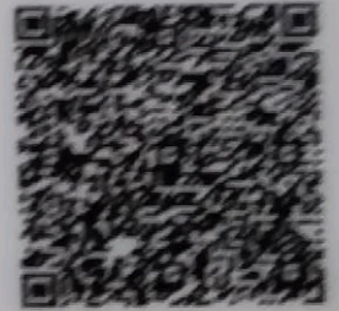


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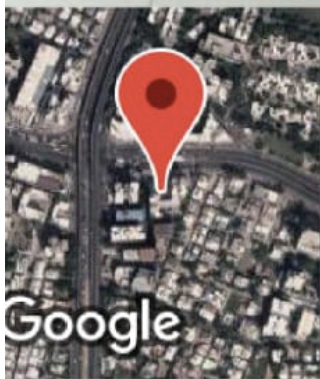
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Lat 23.023907°

Long 72.531206°

10/06/23 08:41 AM GMT +05:30





\* 4 2 6 \*

Patient Name : Neha Kumari  
Sample No.. : 426  
Referred : Mediwheel

Age/Sex : 30 Years/Female  
Registration On:10/06/2023/08:45  
Approved On : 10/06/2023 14:57

## THYROID FUNCTIONS

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>NORMAL VALUE</u>
Serum T3 :	<b>1.39</b>	ng/dl	0.69 - 2.15 ng/dl
Serum T4 :	<b>7.77</b>	ng/ml	5.2 - 12.7 ng/ml
Serum T.S.H :	<b>5.85</b>	microU/ml	0.3 - 4.5 microU/ml

### **COMMENTS :**

TSH levels may be affected by acute illness and drugs like doapamine and gluco corticoids.

Low or undetectable TSH is suggestive of Grave~s disease

TSH between 5.5 to 15.0 with normal T3 T4 indicates impaired thyroid hormone or subclinical hypothyroidism or normal T3 T4 with slightly low TSH suggests subclinical Hyperthyroidism.

TSH suppression does not reflect severity of hyperthyroidism therefore , measurement of FT3 ,FT4 is important.

FreeT3 is first hormone to increase in early Hyperthyroidism.

Only TSH level can prove to be misleading in patients on treatment. Therefore FreeT3 , FreeT4 along with TSH should be checked.

During pregnancy clinically T3 T4 can be high and TSH can be slightly low



**Pathologist**  
**Dr.Pravin Shah**  
**(M.D.Path) G-15478**





\* 4 2 6 \*

Patient Name : Neha Kumari  
Sample No.. : 426  
Referred : Mediwheel

Age/Sex : 30 Years/Female  
Registration On:10/06/2023/08:45  
Approved On : 10/06/2023 13:29

## COMPLETE BLOOD COUNT

<u>Test</u>		<u>Sample :</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Interval</u>
<b><u>BLOOD COUNT</u></b>					
Hemoglobin	colorimetric		<b>11.23</b>	g/dL	12.5 - 15.0 g/dL
R.B.C Count	Electrical impedance		<b>4.47</b>	mill/cmm	3.8 - 4.5 mill/cmm
W.B.C Count	Electrical impedance		<b>7.47</b>	10 <sup>3</sup> /uL	4.0 - 10.0 10 <sup>3</sup> /uL
Platelet Count	Electrical impedance		<b>348.2</b>	10 <sup>3</sup> /uL	150 - 450 10 <sup>3</sup> /uL
<b><u>DIFFERENTIAL COUNT</u></b>					
Polymorphs	Microscopic		<b>61</b>	%	60 - 70 %
Lymphocytes	Microscopic		<b>35</b>	%	20 - 40 %
Eosinophils	Microscopic		<b>02</b>	%	1 - 4 %
Monocytes	Microscopic		<b>02</b>	%	2 - 6 %
Basophils	Microscopic		<b>00</b>	%	0 - 1 %
<b><u>BLOOD INDISES</u></b>					
HCT	Rbc Histogram		<b>35.1</b>	%	36 - 46 %
MCV	Calculated		<b>78.5</b>	fl	78 - 100 fl
MCH	Calculated		<b>25.1</b>	pg	27 - 31 pg
MCHC	Calculated		<b>32.0</b>	g/dl	32 - 36 g/dl
RDW-CV	Calculated		<b>13.0</b>	%	11.5 - 14.0 %

### **PERIPHERAL SMEAR EXAMINATION**

SMEAR WBC LINE 1: Are within normal limits.

SMEAR Platelets: Adequate

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### **Erythrocyte sedimentation rate**

ESR AT 1 hour      westergren      **08**      mm/Hour      00 - 20



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\* 4 2 6 \*

Patient Name : Neha Kumari  
Sample No.. : 426  
Referred : Mediwheel

Age/Sex : 30 Years/Female  
Registration On:10/06/2023/08:45  
Approved On : 10/06/2023 13:29

## BLOOD GROUP

### Test

BLOOD GROUP

RH GROUP

### Result

: " B "

: POSITIVE.



**Pathologist**  
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\* 4 2 6 \*

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Age/Sex : 30 Years/Female  
Registration On:10/06/2023/08:45  
Approved On : 10/06/2023 13:29

## RENAL FUNCTION

Specimen :

### Test

**Sr. Creatinine:**

(mod-jaffes)

**Urea:**

(GLDH)

**S. Uric Acid:**

(Uricase-pod)

**Blood Urea Nitrogen:**

(Calculated)

**Bun/Creat Ratio:**

(Calculated)

### Result

0.63

27.8

3.1

12.99

20.62

### Unit

mg/dl

mg/dl

mg/dl

mg/dl

mg/dl


### Normal Range

0.5 - 1.1 mg/dl

10 - 50 mg/dl

2.4 - 6.2 mg/dl

08 - 23 mg/dl



**Pathologist**

**Dr. Pravin Shah**

**(M.D.Path) G-15478**





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Registration On:10/06/2023/08:45  
Approved On : 10/06/2023 13:29

## COMPLETE BLOOD CHEMISTRY

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
S. Cholesterol	: 162.6	mg/dl	Desirable : < 200 Borderline High : 200 - 239 High : > 240
Serum Triglycerides	: 90.6	mg/dl	Normal : Normal < 150 Borderline : 150 - 199 High : > 200
HDL Cholesterol	: <u>39.7</u>	mg/dl	40 - 60 mg/dl
Serum LDL Cholesterol (Calculated)	: 104.78	mg/dl	Up to 150
Cholesterol/HDLC Ratio (Calculated)	: 4.1	mg/dl	Up to 5.0
Serum VLDL Cholesterol (Calculated)	: 18.12	mg/dl	Up to 35
LDLC/HDLC Ratio (Calculated)	: 2.64	mg/dl	Up to 3.4
Total Lipid (Calculated)	: 547.68	mg/dl	400 - 1000 mg/dl
S. Bilirubin (Total)	: 0.58	mg/dl	0.1 - 1.2 mg/dl
S. Bilirubin (Direct)	: 0.13	mg/dl	up to 0.2
S. Bilirubin (Indirect)	: 0.45	mg/dl	up to 1.0
SGOT	: 17.4	U/L	up to 40
SGPT	: 14.8	U/L	up to 42
GGT	: 21.6	U/L	09 - 36
S.Alkaline Phosphatase	: 69.8	U/L	40 - 129
Total Proteins	: 7.15	g/dl	6.0 - 8.3
Albumin	: 4.32	g/dl	3.5 - 5.2
Globulins	: 2.83	g/dl	2.4 - 3.7
AGRATIO	: 1.527		

*Prathy*





**EQAS**  
External Quality Assurance Services

O-5/6, Maruti Tower, Shivranjani Cross Road,  
Satellite, Ahmedabad.

Ph : 079 4800 7051 M. : 98986 76445

E-mail : corporatecare0120@gmail.com



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## Glycosylated HB - (HBA1C)

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref Interval</u>
<b>HBA1C:</b> (Immunoturbidimetric)	4.58	%	Normal : $\leq 5.6$ Prediabetes : 5.7 - 6.4 Diabetes : $\geq 6.5$ <b><u>DIABETES CONTROL CRITERIA</u></b> 6 - 7 : Near Normal Glycemia < 7 : Goal 7 - 8 : Good Control > 8 : Action Suggested
<b>Mean Blood Glucose:</b>	84.74	mg/dl	

### Criteria for the diagnosis of diabetes

1. HbA1c  $\geq 6.5$  \*  
Or
2. Fasting plasma glucose  $>126$  gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.  
Or
3. Two hour plasma glucose  $\geq 200$ mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.  
Or.
4. In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose  $\geq 200$  mg/dL. \*In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing. American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34;S11.

### Limitation of HbA1c

- 1) In patients with Hb variants even analytically correct results do not reflect the same level of glycemic control that would be expected in patients with normal population. 2) Any cause of shortened erythrocyte survival or decreased mean erythrocyte survival or decreased mean erythrocyte age eg. hemolytic diseases, pregnancy, significant recent/chronic blood loss etc. will reduce exposure of RBC to glucose with consequent decrease in HbA1c values. 3) Glycated HbF is not detected by this assay and hence specimens containing high HbF ( $>10\%$ ) may result in lower HbA1c values than expected.

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## BLOOD SUGAR LEVEL

Specimen :

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Interval</u>
Fasting Blood Sugar: (GOD-POD)	84.94	mg/dl	70-110
Post Prandial Blood Glucose: (GOD-POD)	118.29	mg/dl	100 - 150

American Diabetes Association Reference Range :

Normal : < 100 mg/dl

Impaired fasting glucose(Prediabetes) : 100 - 126 mg/dl

Diabetes : >= 126 mg/dl

Conditions that can result in an elevated blood glucose level include: Acromegaly, Acute stress (response to trauma, heart attack, and stroke for instance), Chronic kidney disease, Cushing syndrome, Excessive consumption of food, Hyperthyroidism, Pancreatitis A low level of glucose may indicate hypoglycemia, a condition characterized by a drop in blood glucose to a level where first it causes nervous system symptoms (sweating, palpitations, hunger, trembling, and anxiety), then begins to affect the brain (causing confusion, hallucinations, blurred vision, and sometimes even coma and death). A low blood glucose level (hypoglycemia) may be seen with: Adrenal insufficiency, Drinking excessive alcohol, Severe liver disease, Hypopituitarism, Hypothyroidism, Severe infections, Severe heart failure, Chronic kidney (renal) failure, Insulin overdose, Tumors that produce insulin (insulinomas), Starvation.



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## URINE EXAMINATION

### PHYSICAL :

Colour - **Pale Yellow**  
Deposits - **Absent**  
Transparency - **Clear**  
Reaction - **Acidic**  
Sp. Gravity - **1.002**

### CHEMICAL :

Albumin - **Absent**  
Sugar - **Absent**  
Bile Salts - **Absent**  
Bile Pigments - **Absent**

### MICROSCOPIC: ( After centrifugation at 2000 r.p.m. for 5 minutes )

Pus Cells - **Ocassional** /h.p.f.  
Red Cells - **Not seen** /h.p.f.  
Epithelial Cells - **1 - 2** /h.p.f.  
Casts - **Not seen**/l.p.f.  
Crystals - **Not seen**  
Amorphous - **Not seen**

  
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