



**LABORATORY REPORT : BIOCHEMISTRY**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 02:23 PM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 03:50 PM | <b>Result No</b> | : RWL250301539    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026343    |
| <b>Sample Type</b> | : PLASMA               |                  |                   |

**PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)**

| <u>Parameters</u>  | <u>Result</u> | <u>Reference Range</u> | <u>Units</u> |
|--|---------------|------------------------|--------------|
| <b>URINE SUGAR</b><br><i>Dipstick Urine</i>                                | NIL           | Nil                    |              |
| <b>PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)</b><br><i>Hexokinase</i> | 86 *          | 110-180 mg/dL          | mg/dL        |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



## LABORATORY REPORT : BIOCHEMISTRY

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301469    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026296    |
| <b>Sample Type</b> | : SERUM                |                  |                   |

### BUN(BLOOD UREA NITROGEN)

| <u>Parameters</u>                                      | <u>Result</u> | <u>Reference Range</u> | <u>Units</u> |
|--|---------------|------------------------|--------------|
| <b>BLOOD UREA</b><br><i>Urease kinetic</i>             | 22.4          | 16.6 - 48.5            | mg/dL        |
| <b>BUN (Blood Urea Nitrogen.)</b><br><i>CALCULATED</i> | 10.45         | 8.0 - 23.0             | mg/dL        |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



## LABORATORY REPORT : BIOCHEMISTRY

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301472    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026296    |
| <b>Sample Type</b> | : SERUM                |                  |                   |

### SERUM URIC ACID

| <u>Parameters</u>                        | <u>Result</u> | <u>Reference Range</u> | <u>Units</u> |
|--|---------------|------------------------|--------------|
| <b>SERUM URIC ACID</b><br><i>uricase</i> | 2.4           | 2.4-5.7                | mg/dL        |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



**LABORATORY REPORT : BIOCHEMISTRY**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301473    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026296    |
| <b>Sample Type</b> | : SERUM                |                  |                   |

**LFT(LIVER FUNCTION TEST)**

| <b>Parameters</b>   | <b>Result</b> | <b>Reference Range</b> | <b>Units</b> |
|---|---------------|------------------------|--------------|
| <b>TOTAL BILIRUBIN</b><br><i>DIAZO</i>  | 0.3           | <1.2                   | mg/dL        |
| <b>DIRECT BILIRUBIN</b><br><i>DIAZO</i>   | 0.1           | <=0.20                 | mg/dL        |
| <b>INDIRECT BILIRUBIN</b><br><i>Calculated</i>  | 0.2           | <=1.0                  | mg/dL        |
| <b>SGPT (ALT)</b><br><i>UV without P5P</i>  | 9             | <=33                   | U/L          |
| <b>SGOT (AST)</b><br><i>UV without P5P</i>  | 14            | <= 32                  | U/L          |
| <b>ALKALINE PHOSPHATASE (ALP)</b><br><i>PNPP, AMP Buffer - IFCC Ref.</i>              | 49            | 35 - 105               | U/L          |
| <b>TOTAL PROTEINS</b><br><i>Biuret method</i>   | 6.68          | 6.0 - 8.0 g/dL         | g/dL         |
| <b>SERUM ALBUMIN</b><br><i>Bromcresol Green (BCG)</i>                                 | 4.07          | 3.5 - 5.2 g/dL         | g/dL         |
| <b>GLOBULINS</b><br><i>Calculated</i>   | 2.61          | 2.5 - 3.5 g/dL         | g/dL         |
| <b>A/G RATIO</b><br><i>Calculation</i>  | 1.55          | 1.2 - 2.5              |              |
| <b>GAMMA GLUTAMYL TRANSFERASE(GGT)</b><br><i>G-glutamyl-carboxy-nitroanilide-IFCC</i> | 6             | 6-42                   | U/L          |

Verified By

Nreddy Rajkumar (030243)



DR. MANCHALA LATA

CONSULTANT PATHOLOGIST



## LABORATORY REPORT : BIOCHEMISTRY

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301473    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026296    |
| <b>Sample Type</b> | : SERUM                |                  |                   |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



**LABORATORY REPORT : BIOCHEMISTRY**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 03:50 PM | <b>Result No</b> | : RWL250301474    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026296    |
| <b>Sample Type</b> | : SERUM                |                  |                   |

**T3,T4 AND TSH**

| <b><u>Parameters</u></b>  | <b><u>Result</u></b> | <b><u>Reference Range</u></b> | <b><u>Units</u></b> |
|---|----------------------|-------------------------------|---------------------|
| <b>T3</b><br><i>ECLIA</i>                                       | 1.15                 | 0.8 - 2.0                     | ng/mL               |
| <b>T4</b><br><i>ECLIA</i>                                       | 8.40                 | 5.1 - 14.1                    | ug/dL               |
| <b>TSH(THYROID<br/>STIMULATING<br/>HORMONE)</b><br><i>ECLIA</i> | 2.20                 | 0.270 - 4.20                  | uIU/mL              |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



Medicover Hospital, Opp.Nexa Showroom,  
DNo:23-6-156,23-6-156/1&23-6-156/2,  
SNo.126,128,129,131,132,133,134&136, Hunter road,  
Hanamkonda, Warangal , Telangana, 506319, Warangal

## LABORATORY REPORT : BIOCHEMISTRY

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301475    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026296    |
| <b>Sample Type</b> | : SERUM                |                  |                   |

### BUN / CREATININE RATIO

| <u>Parameters</u>                           | <u>Result</u> | <u>Reference Range</u> | <u>Units</u> |
|---|---------------|------------------------|--------------|
| <b>BUN / CREATININE RATIO</b><br>CALCULATED | 19            | 10-20 mg/dL            | mg/dL        |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



## LABORATORY REPORT : BIOCHEMISTRY

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301476    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026296    |
| <b>Sample Type</b> | : SERUM                |                  |                   |

### SERUM CREATININE

| <u>Parameters</u>                 | <u>Result</u> | <u>Reference Range</u> | <u>Units</u> |
|-----------------------------------|---------------|------------------------|--------------|
| <b>CREATININE</b><br><i>Jaffe</i> | 0.55          | 0.5 - 0.9              | mg/dL        |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST





## LABORATORY REPORT : BIOCHEMISTRY

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301480    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026301    |
| <b>Sample Type</b> | : PLASMA               |                  |                   |

### FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)

| <u>Parameters</u>                                 | <u>Result</u> | <u>Reference Range</u>   | <u>Units</u> |
|---|---------------|--|--------------|
| <b>FASTING BLOOD GLUCOSE</b><br><i>Hexokinase</i> | 85            | Normal Range : 70 - 99<br>Impaired Glucose tolerance : 100 -125<br>Diabetes Mellitus : >=126 | mg/dL        |
| <b>FASTING URINE SUGAR</b><br><i>Hexokinase</i>   | NIL *         | Normal Range : 77 - 99 (3.9 to 5.5 mmol/L)   | mg/dL        |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



**LABORATORY REPORT : BIOCHEMISTRY**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301477    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026296    |
| <b>Sample Type</b> | : SERUM                |                  |                   |

**LIPID PROFILE**

| <u>Parameters</u>   | <u>Result</u> | <u>Reference Range</u>  | <u>Units</u> |
|---|---------------|---|--------------|
| <b>TOTAL CHOLESTEROL</b><br><i>Enzymatic colorimetric</i>           | 148.2         | Desirable : : < 200 mg/dL<br>Borderline High : : 200 - 239 mg/dL<br>High risk : > 240 mg/dL   | mg/dL        |
| <b>HDL CHOLESTEROL</b><br><i>Homogeneous enzymatic colorimetric</i> | 43.3          | Low : : < 40 mg/dL<br>High : : > 60 mg/dL   | mg/dL        |
| <b>LDL CHOLESTEROL</b><br><i>Direct-Enzymatic colorimetric</i>      | 93.9          | Very High : - > 190 mg/dL<br>Optimal : - < 100 mg/dL<br>Near Optimal : 100 - 129 mg/dL<br>High : 160 - 189 mg/dL<br>Borderline High:130-159 mg/dl | mg/dL        |
| <b>VLDL</b><br><i>Calculation</i>                                   | 10.24         | 2 - 30 mg/dL  | mg/dL        |
| <b>SERUM TRYGLYCERIDES</b><br><i>Enzymatic colorimetric</i>         | 51.2          | < 150 mg/dL<br>Borderline High : 150 - 199 mg/dL<br>High : 200 - 499 mg/dL  | mg/dL        |
| <b>CHO/HDL RATIO</b><br><i>Calculation</i>                          | 3.42          | Normal : - < 3.5<br>High Risk : - > 5.0   |              |
| <b>LDL/HDL RATIO</b>  | 2.17          |   |              |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



**LABORATORY REPORT : BIOCHEMISTRY**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301478    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026299    |
| <b>Sample Type</b> | : SERUM                |                  |                   |

**HBA1C (GLYCOSYLATED HAEMOGLOBIN)**

| <u>Parameters</u>  | <u>Result</u> | <u>Reference Range</u>  | <u>Units</u> |
|--|---------------|---|--------------|
| <b>HBA1C</b><br><i>HPLC</i>  | 5.5           | " Normal : < 5.7%<br>Pre diabetic : 5.7 % - 6.5 %<br>Diabetic : > 6.5 % |              |
| <b>MPG(Mean Plasma Glucose)</b><br><i>Derived from HBA1c value</i> | 118.5         | " Excellent Control : 90 - 120 mg/dl<br>Good Control : 121 - 150<br>"   | mg/dl        |

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST





**LABORATORY REPORT : BLOOD BANK**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301470    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026297    |
| <b>Sample Type</b> | : WHOLE BLOOD          |                  |                   |

**BLOOD GROUPING AND RH**

| <u>Parameters</u>   | <u>Result</u> | <u>Reference Range</u> | <u>Units</u> |
|---|---------------|------------------------|--------------|
| <b>BLOOD GROUP</b><br><i>Automated microcolumn gel method</i> | AB            |                        |              |
| <b>RH TYPE</b>  | POSITIVE      |                        |              |

**INTERPRETATION**

1. If Rh is Du positive it is best considered as Rh negative as recipient and Rh positive as donor. Proper Cross matching is recommended before transfusion.
2. In case of forward and reverse grouping discrepancy, clinical correlation and repeat sample analysis is recommended.
3. For Infants below 6 months only forward grouping is performed.
4. A sub-grouping is recommended after the age of 6 months.

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

Verified By  
Sangi Akshay (030509)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST





**LABORATORY REPORT : CLINICAL PATHOLOGY**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 12:27 PM | <b>Result No</b> | : RWL250301471    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026298    |
| <b>Sample Type</b> | : URINE                |                  |                   |

**CUE(COMPLETE URINE EXAMINATION)**

| <u>Parameters</u>   | <u>Result</u> | <u>Reference Range</u> | <u>Units</u> |
|---|---------------|------------------------|--------------|
| <b><u>PHYSICAL EXAMINATION</u></b>                                    |               |                        |              |
| <b>VOLUME</b>   | 15ML          | 10 ml to 25 ml         | ml           |
| <b>COLOUR</b>   | PALE YELLOW   | PALE YELLOW            |              |
| <b>APPEARANCE</b>   | CLEAR         | CLEAR                  |              |
| <b><u>CHEMICAL EXAMINATION</u></b>                                    |               |                        |              |
| <b>SPECIFIC GRAVITY</b><br><i>Bromthymol blue</i>                     | 1.015         | 1.000 - 1.030          |              |
| <b>PH</b><br><i>Bromthymol blue</i>                                   | 5.0           | 5.0 - 8.0              |              |
| <b>PROTEIN</b><br><i>Tetra-bromophenol blue/Heat coagulation test</i> | NIL           | NIL (<15 mg/dL)        |              |
| <b>GLUCOSE</b><br><i>Glucose oxidase Peroxidase/Benedict?s test</i>   | NIL           | NIL (<25 mg/dL)        |              |
| <b>UROBILINOGEN</b><br><i>Diazonium salt</i>                          | NIL           | NIL                    |              |
| <b>KETONE</b><br><i>Sodium nitroprusside/Rothera?s test.</i>          | NIL           | NIL (<5 mg/dL)         |              |

Verified By  
Sangi Akshay (030509)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST





**LABORATORY REPORT : CLINICAL PATHOLOGY**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 12:27 PM | <b>Result No</b> | : RWL250301471    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026298    |
| <b>Sample Type</b> | : URINE                |                  |                   |

**BILIRUBIN** NIL NIL (<0.5 mg/dL)  
*Diazonium salt/Fouchets test*

**NITRITE** NEGATIVE NEGATIVE  
*Sulfanilic acid*

**MICROSCOPIC EXAMINATION**

|                         |     |            |     |
|-------------------------|-----|------------|-----|
| <b>PUS CELLS</b>        | 2-3 | 0 - 5 /hpf |     |
| <b>RBC</b>              | NIL | 0 - 5 /hpf |     |
| <b>EPITHELIAL CELLS</b> | 1-2 | 0 - 5      | hpf |
| <b>CRYSTALS</b>         | NIL | NIL        |     |
| <b>CASTS</b>            | NIL | NIL        |     |

**INTERPRETATION**

The colour fields of chemicals correspond to the following values:

1. Proteins: neg (negative), 30-99 (+), 100-499 (++) , >500 (+++) mg/dl
2. Ketones: neg. (negative), 5 (Trace), 15-49 (+), 50-149 (++) , >150 (+++) mg/dl
3. Glucose: norm. (normal), 50-149 (+), 150-499 (++) , 500-999 (+++) , >1000 (++++ ) mg/dl
4. Bilirubin: neg (negative), 1 (+), 3 (++) , 6 (+++) mg/ dl
5. Urobilinogen: norm. (normal), 2 (+), 4 (++) , 8 (+++) , 12 (++++ ) mg/dl.

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

Verified By  
Sangi Akshay (030509)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST





## LABORATORY REPORT : HAEMATOLOGY

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 02:37 PM | <b>Result No</b> | : RWL250301479    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026300    |
| <b>Sample Type</b> | : WHOLE BLOOD          |                  |                   |

### ESR

#### Parameters

#### Result

#### Reference Range

#### Units

**ESR**

18 mm

0 - 20

mm/1st hour

MODIFIED WESTERGRENS  
METHOD

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

Verified By

Nreddy Rajkumar (030243)



DR. MANCHALA LATA

CONSULTANT PATHOLOGIST



**LABORATORY REPORT : HAEMATOLOGY**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301468    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026295    |
| <b>Sample Type</b> | : EDTA WHOLE BLOOD     |                  |                   |

**CBP(COMPLETE BLOOD PICTURE)**

| <u>Parameters</u>                                      | <u>Result</u> | <u>Reference Range</u>        | <u>Units</u>        |
|--|---------------|-------------------------------|---------------------|
| <b>HEMOGLOBIN</b><br><i>Photometric</i>                | <b>11.5 *</b> | 12.0 - 15.0                   | gms/dL              |
| <b>R B C COUNT</b><br><i>Electrical Impedance</i>      | 4.45          | 3.8 - 4.8 10 <sup>12</sup> /L | 10 <sup>12</sup> /L |
| <b>PCV/HCT</b><br><i>Calculated</i>                    | <b>35.8 *</b> | 36 - 46                       | %                   |
| <b>MCV</b><br><i>Calculated</i>                        | <b>80.5 *</b> | 83 - 101                      | fl                  |
| <b>MCH</b><br><i>Calculated</i>                        | <b>25.9 *</b> | 27 - 32                       | pg                  |
| <b>MCHC</b><br><i>Calculated</i>                       | 32.2          | 31 - 37                       | g/dL                |
| <b>RDW(cv)</b>   | <b>17.0 *</b> | 11.6 - 14.0 %                 | %                   |
| <b>TLC (TOTAL LEUCOCYTE COUNT)</b><br><i>Impedance</i> | 5.40          | 4.0 - 10.0                    | 10 <sup>3</sup> /μl |
| <b>DIFFERENTIAL COUNT</b>                              |               |                               |                     |
| <b>NEUTROPHILS</b><br><i>DHSS/Microscopy</i>           | 57            | 40 - 80 %                     |                     |
| <b>LYMPHOCYTES</b><br><i>DHSS/Microscopy</i>           | 33            | 20 - 40 %                     |                     |

Verified By  
Sangi Akshay (030509)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST





**LABORATORY REPORT : HAEMATOLOGY**

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301468    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026295    |
| <b>Sample Type</b> | : EDTA WHOLE BLOOD     |                  |                   |

|  |      |                                |                    |
|--|------|--------------------------------|--------------------|
| <b>MONOCYTES</b><br><i>DHSS/Microscopy</i>                   | 09   | 02 - 10 %                      |                    |
| <b>EOSINOPHILS</b><br><i>DHSS/Microscopy</i>                 | 01   | 1.0-6.0                        | %                  |
| <b>BASOPHILS</b><br><i>DHSS/Microscopy</i>                   | 0.0  | 00 - 01 %                      |                    |
| <b>ABSOLUTE NEUTROPHILS COUNT(ANC)</b><br><i>Calculated</i>  | 3.08 | 2.0 - 7.0 10 <sup>9</sup> /L   | 10 <sup>9</sup> /L |
| <b>ABSOLUTE LYMPHOCYTES COUNT(ALC)</b><br><i>Calculated</i>  | 1.77 | 1.0 - 3.0 10 <sup>9</sup> /L   | 10 <sup>9</sup> /L |
| <b>ABSOLUTE MONOCYTES COUNT(AMC)</b><br><i>Calculated</i>    | 0.50 | 0.2 - 1.0 10 <sup>9</sup> /L   | 10 <sup>9</sup> /L |
| <b>ABSOLUTE EOSINOPHILS COUNTS(AEC)</b><br><i>Calculated</i> | 0.03 | 0.02 - 0.5 10 <sup>9</sup> /L  | 10 <sup>9</sup> /L |
| <b>ABSOLUTE BASOPHILS COUNT(ABC)</b><br><i>Calculated</i>    | 00   |                                |                    |
| <b>PLATELET COUNT</b><br><i>Electrical Impedance</i>         | 391  | 150 - 400 10 <sup>3</sup> /?ÁL |                    |

Verified By  
Sangi Akshay (030509)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST





## LABORATORY REPORT : HAEMATOLOGY

|                    |                        |                  |                   |
|--------------------|------------------------|------------------|-------------------|
| <b>Name</b>        | : Mrs. SAMATAH PRASAD  | <b>Age /Sex</b>  | : 36Y Y(s)/FEMALE |
| <b>Bill Date</b>   | : 08-Mar-2025 10:47 AM | <b>UMR No.</b>   | : 652503000259    |
| <b>Rec. Dt</b>     | : 08-Mar-2025 11:35 AM | <b>Bill No.</b>  | : MCB65250300586  |
| <b>Rept. Dt</b>    | : 08-Mar-2025 01:21 PM | <b>Result No</b> | : RWL250301468    |
| <b>Ref By</b>      | : DR. Girish Loya      | <b>Sample ID</b> | : MCWWL7026295    |
| <b>Sample Type</b> | : EDTA WHOLE BLOOD     |                  |                   |

**MPV** 9.3 7.5 - 11.5 fl fl

### PERIPHERAL SMEAR (Leishman's Stain /Microscopy)

#### **RBC**

Normocytic normochromic picture

#### **WBC**

Normal in morphology, maturity and distribution

#### **PLATELETS**

Adequate

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

Verified By  
Sangi Akshay (030509)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



Patient ID: 652503000239  
 03/08/2025 Female 154 in 90 lbs  
 36 yrs  
 3:20:11pm

Test Reason:  
 Medical History:

Ref. MD: Ordering MD:  
 Technician: Test Type:  
 Comment:

BRUCE: Exercise Time 04:16  
 Max HR: 173 bpm 94 % of max: predicted 184 bpm HR at rest: 94  
 Max BP: 140/80 mmHg Max RPP: 22490 mmHg\*bp  
 Maximum Workload: 7.00 METS  
 Max: ST: -0.70 mm, -0.20 mV/s in HR; EXERCISE: STAGE 1 3:00  
 ST/HR index: 0.56  $\mu$ V/bpm  
 HR reserve used: 87 %  
 HR recovery: 17 bpm  
 VE recovery: 2 VE/min  
 ST/HR hysteresis: -0.011 mV (1)  
 QRS duration: BASELINE: 86 ms, PEAK EX: 86 ms, REC: 84 ms  
**Reasons for Termination:** Fatigue  
**Summary:**  
 Resting ECG: normal. **Functional Capacity:** normal. **HR Response to Exercise:**  
 appropriate. **BP Response to Exercise:** normal resting BP - appropriate response.  
**Chest Pain:** none. **Arrhythmias:** none.  
 Room:  
 Location: \* 0 \*

| Phase Name | Stage Name | Time in Stage | Speed [mph] | Grade [%] | Workload [METS] | HR [bpm] | BP [mmHg] | RPP [mmHg*bp] | VE [/min] | ST Level [mm] | Comment |
|------------|------------|---------------|-------------|-----------|-----------------|----------|-----------|---------------|-----------|---------------|---------|
| PRETEST    | SUPINE     | 00:33         | 0.00        | 0.00      | 1.0             | 94       |           |               | 0         | 0.20          |         |
| EXERCISE   | STAGE 1    | 03:00         | 1.70        | 10.00     | 4.6             | 164      | 130/80    | 21320         | 0         | -0.70         |         |
|            | STAGE 2    | 01:17         | 2.50        | 12.00     | 7.0             | 173      |           | 22490         | 0         | -0.40         |         |
| RECOVERY   |            | 03:00         | 0.00        | 0.00      | 1.0             | 126      | 110/80    | 13860         | 1         | 0.45          |         |

Unconfirmed

GE CardioSoft V7.0 (10)

Attending MD:

## EXERCISE STRESS TEST REPORT

Patient Name: MRS., SAMATH PRASAD  
Patient ID: 652503000259  
Height: 154 in  
Weight: 90 lbs

Study Date: 03/08/2025  
Test Type: --  
Protocol: BRUCE  
Referring Physician: --  
Attending Physician: --  
Technician: --

Medications: --

Medical History: --

Reason for Exercise Test: --

Exercise Test Summary

| Phase Name | Stage Name | Time  | In Stage | Speed [mph] | Grade [%] | HR [bpm] | BP [mmHg] | Comment |
|------------|------------|-------|----------|-------------|-----------|----------|-----------|---------|
| PRETEST    | SUPINE     | 00:33 |          | 0.00        | 0.00      | 94       | 130/80    |         |
| EXERCISE   | STAGE 1    | 03:00 |          | 1.70        | 10.00     | 164      | 130/80    |         |
|            | STAGE 2    | 01:17 |          | 2.50        | 12.00     | 173      | 110/80    |         |
| RECOVERY   |            | 03:00 |          | 0.00        | 0.00      | 126      | 110/80    |         |

The patient exercised according to the BRUCE for 4:16 min:s, achieving a work level of Max. METS: 7.00. The resting heart rate of 94 bpm rose to a maximal heart rate of 173 bpm. This value represents 94 % of the maximal, age-predicted heart rate. The resting blood pressure of --/-- mmHg, rose to a maximum blood pressure of 140/80 mmHg. The exercise test was stopped due to Fatigue.

### Interpretation

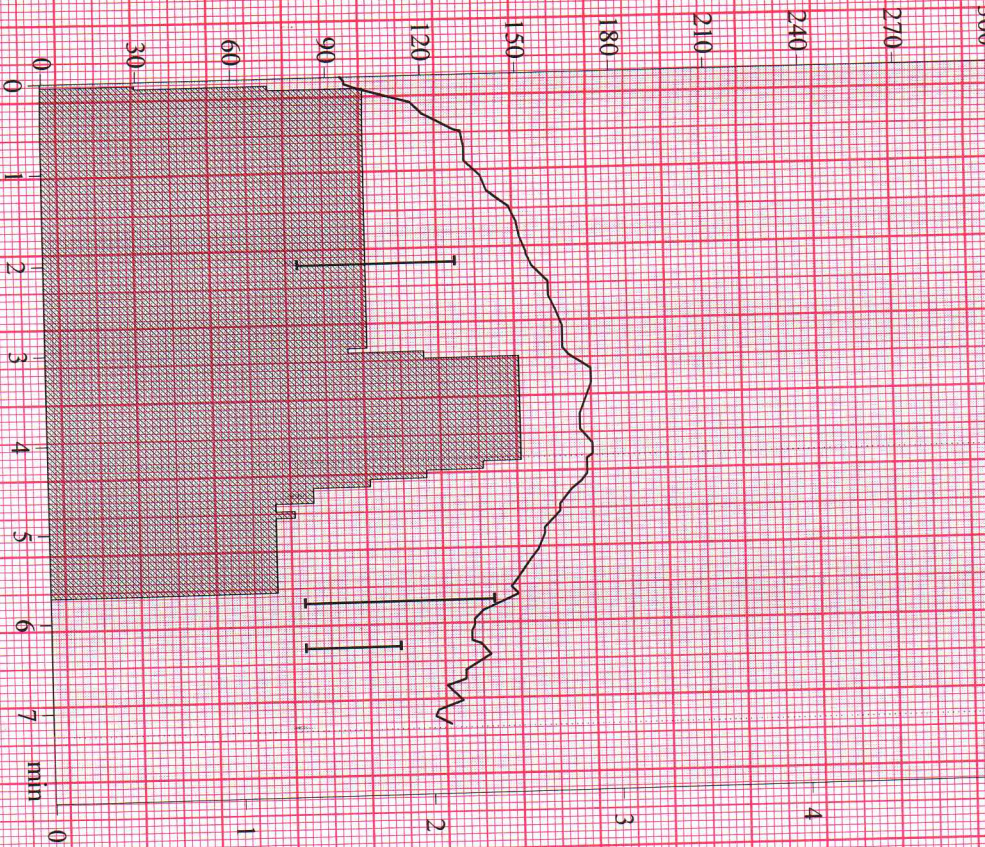
Summary: Resting ECG: normal.  
Functional Capacity: normal.  
HR Response to Exercise: appropriate.  
BP Response to Exercise: normal resting BP - appropriate response.  
Chest Pain: none.  
Arrhythmias: none.

### Conclusions

Physician \_\_\_\_\_  
Technician \_\_\_\_\_

Protocol: BRUCE

HR [bpm] BP [mmHg] Speed [mph]



Pretest: 0:32 Exercise: 4:16 Recovery: 3:00 Total: 7:48

GE CardioSoft V7.0 (10)

Unconfirmed

Attending MD:

Max HR: 173 bpm 94% of max predicted 184 bpm HR at rest: 94

Max BP: 140/80 mmHg Max RPP: 22490 mmHg\* bpm

Maximum Workload: 7.00 METS

Max ST: -0.70 mm, -0.20 mV/s in III; EXERCISE STAGE 1 3:00

ST/HR index: 0.56  $\mu$ V/bpm

HR reserve used: 87%

HR recovery: 17 bpm

VE recovery: 2 VE/min

ST/HR hysteresis: -0.011 mV(l)

QRS duration: BASELINE: 86 ms, PEAK EX: 86 ms, REC: 84 ms

Reasons for Termination: Fatigue

Resting ECG: normal.

Functional Capacity: normal.

HR Response to Exercise: appropriate.

BP Response to Exercise: normal resting BP - appropriate response.

Chest Pain: none.

Arrhythmias: none.

location: \* 0 \*

Patient ID: 652503000259

03/08/2025

3:17:04pm

Female 154 in 90 lbs

36 yrs

95 bpm

110/80 mmHg

PRETEST

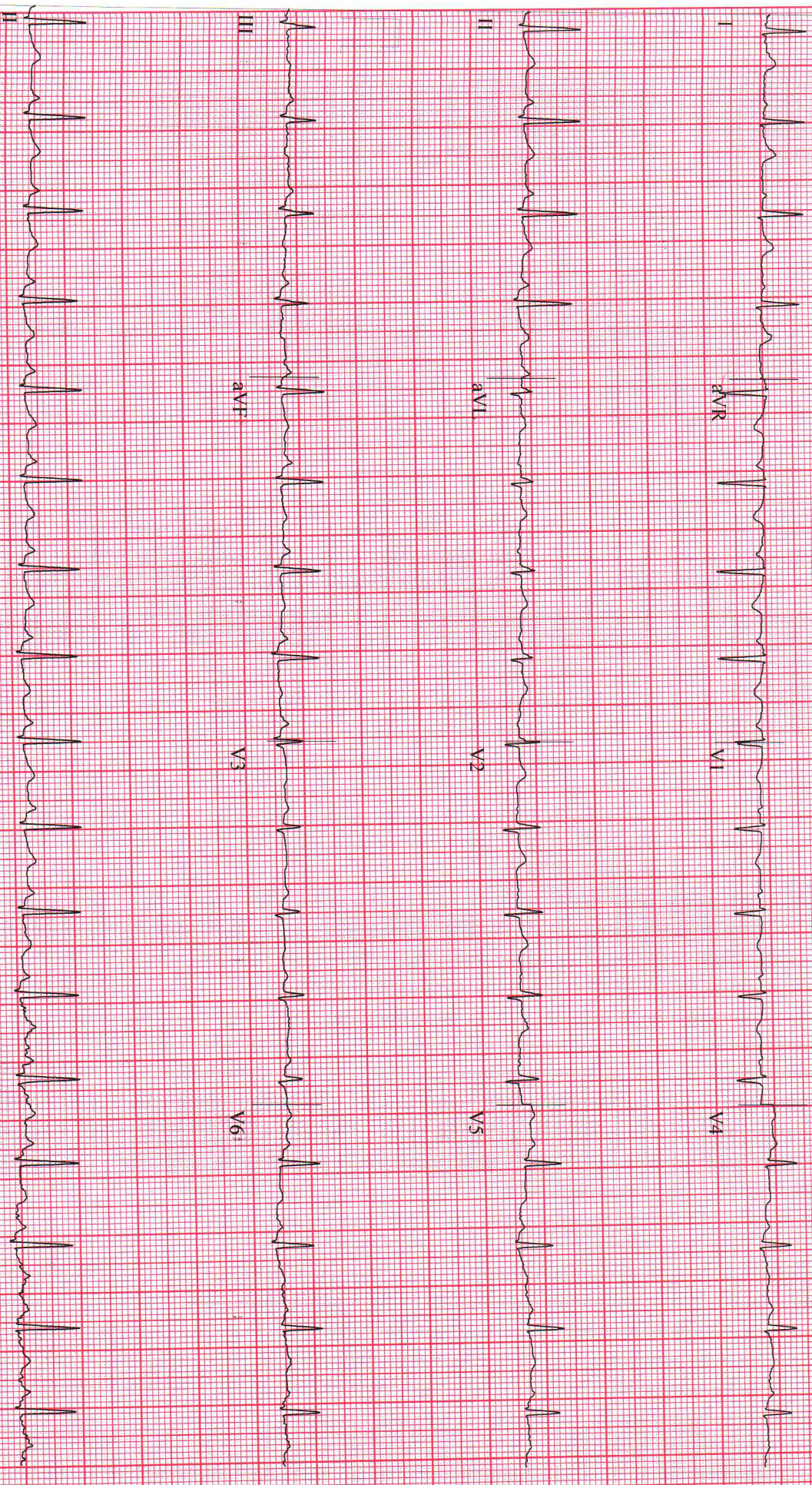
SUPINE

00:16

BRUCE

0:0 mph

0:0 %



ICONET

GE CardioSoft V7.0 (10)

25 mm/s 10 mm/mV 50 Hz 0.05 - 40 Hz FRF- HR(II.D)

Start of Test: 3:16:42pm

Patient ID: 652503000259

03/08/2025

Female

154 in

90 lbs

3:17:10pm

36 yrs

100 bpm

110/80 mmHg

PRETEST

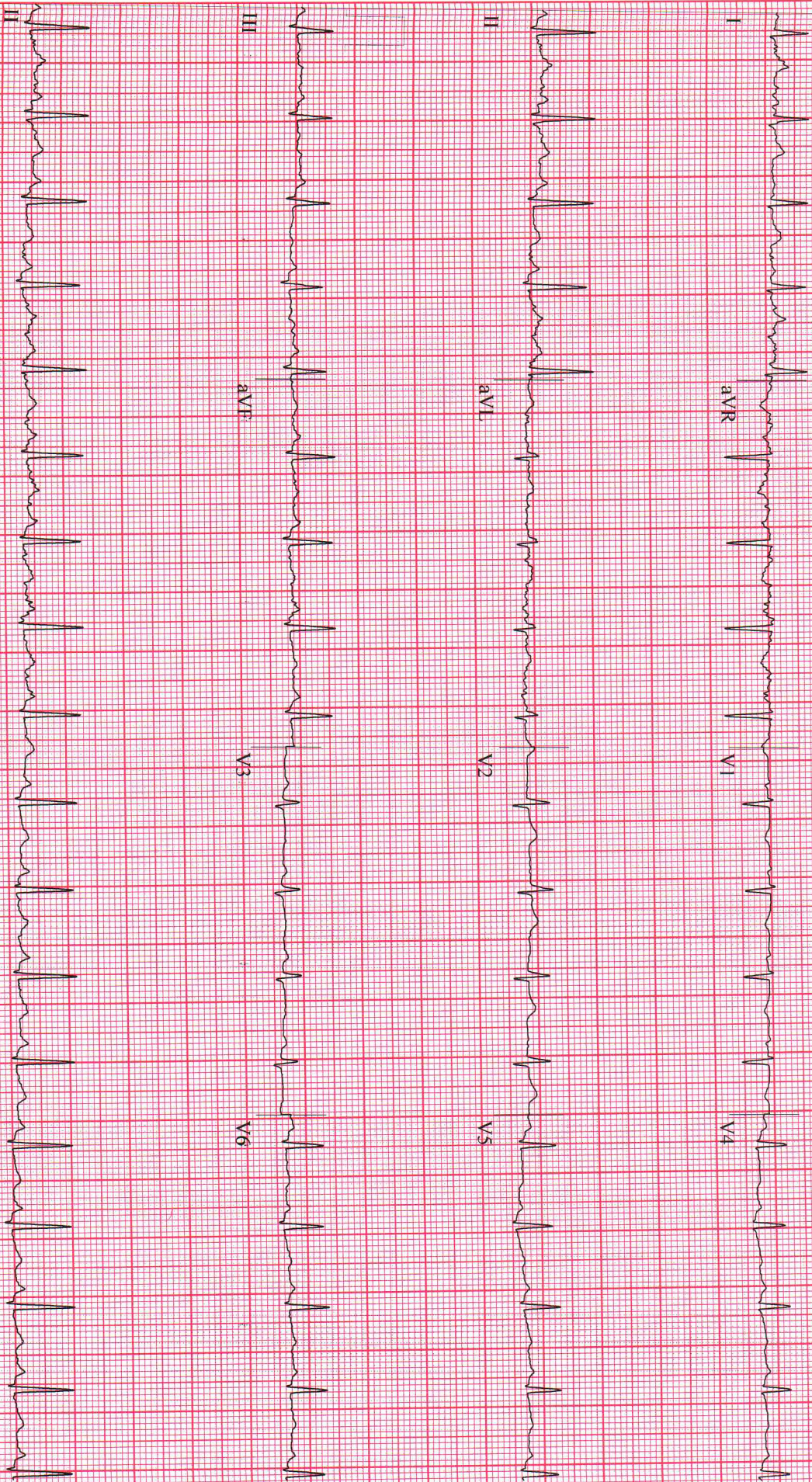
STANDING

00:23

BRUCE

0.0 mph

0.0 %



GE CardioSoft V7.0 (11)

25 mm/s 10 mm/mV 50 Hz 0.05-40 Hz FPE HR(11)

www.ecgpapers.com Ph: 044-2621 5745

Start of Test: 3:16:42pm

MRS., SAMATH PRASAD

Patient ID: 652509000259

03/08/2025

3:17:21pm

Female

36 yrs

154 in

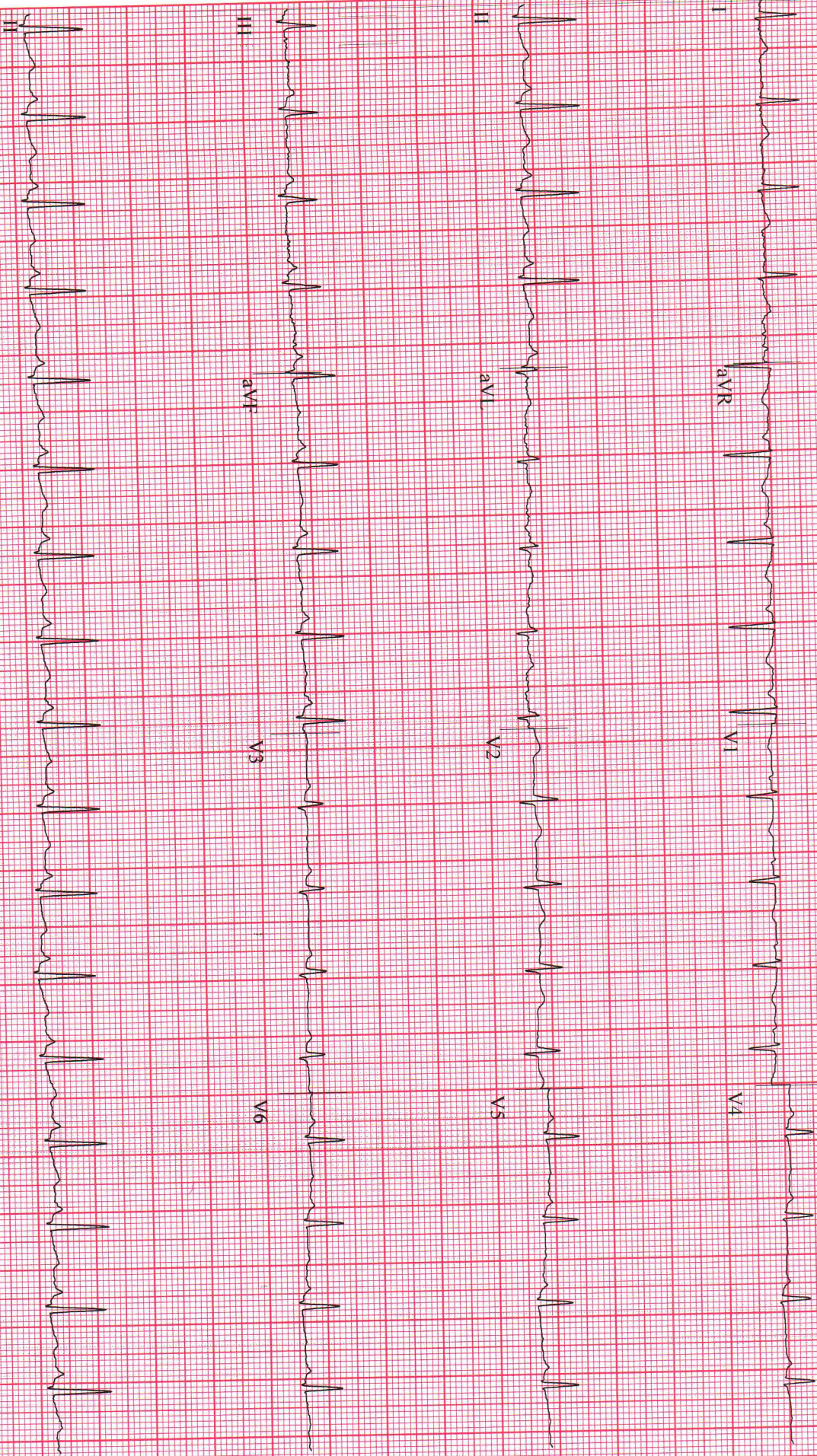
90 lbs

103 bpm

110/80 mmHg

PRETEST  
HYPERV.  
00:34

BRUCE  
0.0 mph  
0.0%



GE CardioSoft V7.0 (10)

25 mm/s 50 Hz 0.05-40 Hz F1:41R1L1  
www.eccgpbbers.com PH: 044 2621 5745

Start of Test: 3:16:42pm



MRS., SAMATH PRASAD

Patient ID: 652503000259

03/08/2025

3:17:46pm

Female 154 in 90 lbs

36 yrs

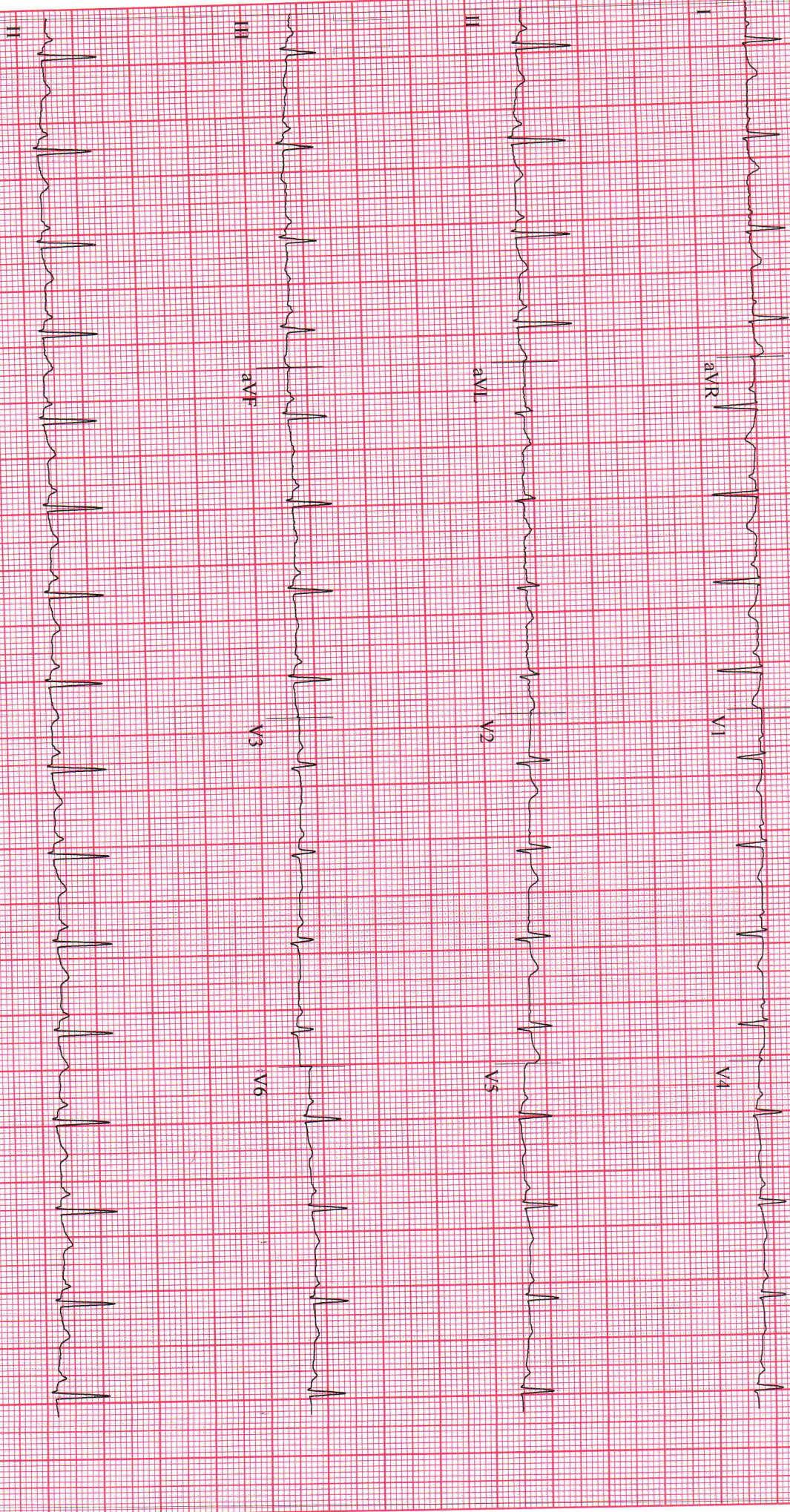
97 bpm

110/80 mmHg

PRETEST  
HYPERV.

00:58

BRUCE  
0.0 mph  
0.0 %



GE CardioSoft V7.0 (10)  
25 mm/s 10 mm/mV 50 Hz 0.05-40 Hz FRT-HR&LD  
www.ecgprinters.com PH: 844-2021-5745

Start of Test: 3:16:42pm

MRS., SAMANTH PRASAD

Patient ID: 652503000259

03/08/2025 Female 154 lbs 90 lbs

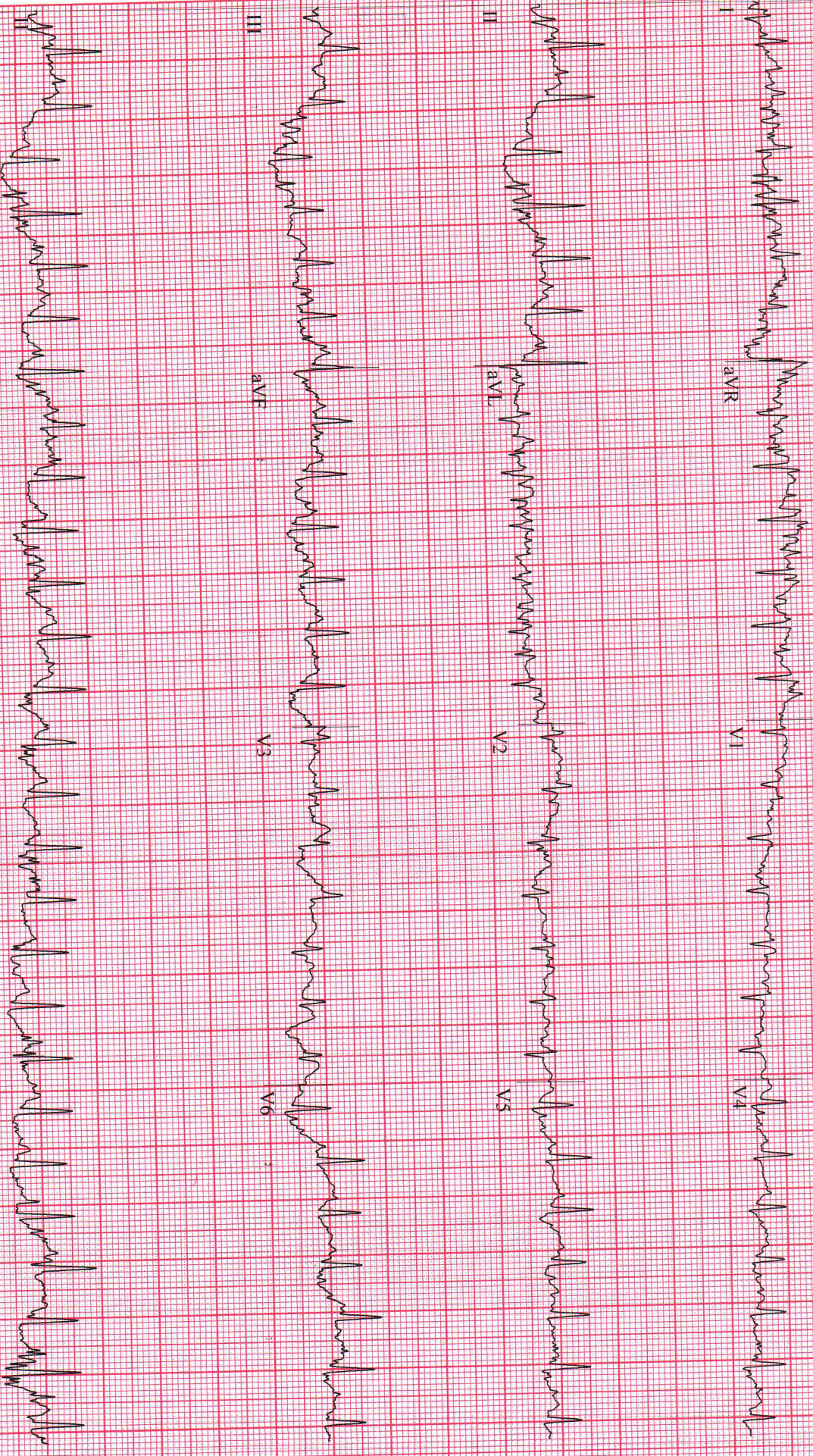
3:23:38pm

36 yrs

164 bpm  
130/80 mmHg

EXERCISE  
STAGE 1  
02:50

BRUCE  
1.7 mph  
10.0%



GE CardioSoft V7.0 (10)  
25 mm/s 10 mm/mV 50 Hz 0.05 - 40 Hz FRE - HR(V5 V4)

www.ecgpapers.com Ph : 044 - 2621 5745

Start of Test: 3:20:11pm

**MRS., SAMATH PRASAD**

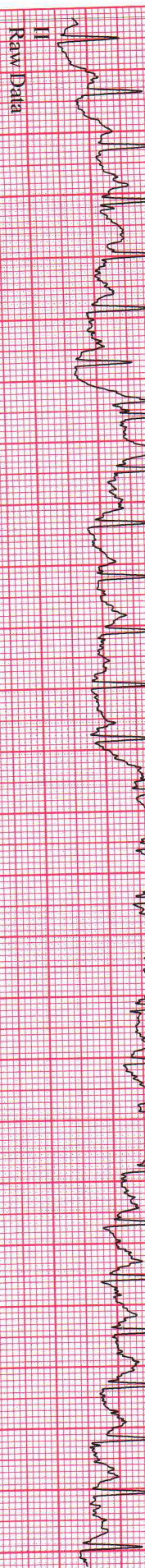
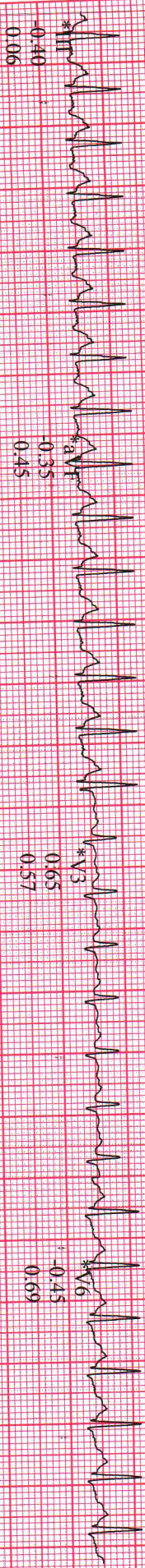
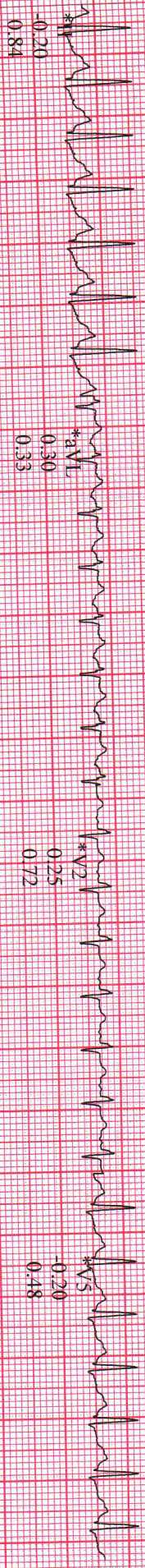
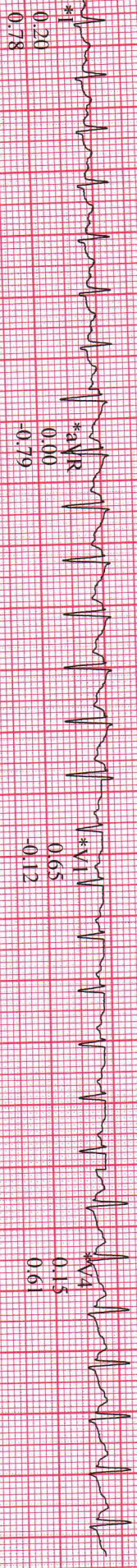
Patient ID: 652569000259  
03/08/2025 Female 154 in 90 lbs  
3:25:00pm 36 yrs

173 bpm

EXERCISE  
STAGE 2  
04:17

BRUCE  
2.5 mph  
12.0%

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



Raw Data

\*Computer Synthesized Rhythms

GE CardioSoft V7.0(10)  
25 mm/s 10 mm/mV 50 Hz 0.05 -40 Hz FRF HRV5 V4  
www.ecgpbpeis.com PH: 044-26215745

Start of Test: 3:20:11pm

MRS., SAMATH PRASAD

Patient ID: 652503000259

03/08/2025

3:25:54pm

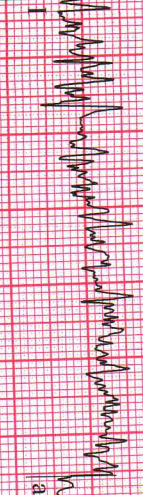
Female 154 in 90 lbs

36 yrs

157 bpm

RECOVERY #1 00:50

BRUCE 1.2 mph 0.0%



I

V1

V4

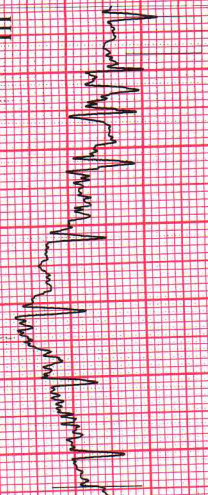


II

II

V2

V5



III

III

V3

V6



aVR

aVR

aVR

aVF

aVF

aVF

GE CardioSoft V7.0 (10)

25 mm/s, 10 mm/mV, 50 Hz, 0.05-40 Hz, FRF, HR(V5-V4)

www.ecgpapers.com Ph: 044-26215745

Start of Test: 3:20:11pm

Page 3

MRS., SAMATH PRASAD

Patient ID: 652503000259

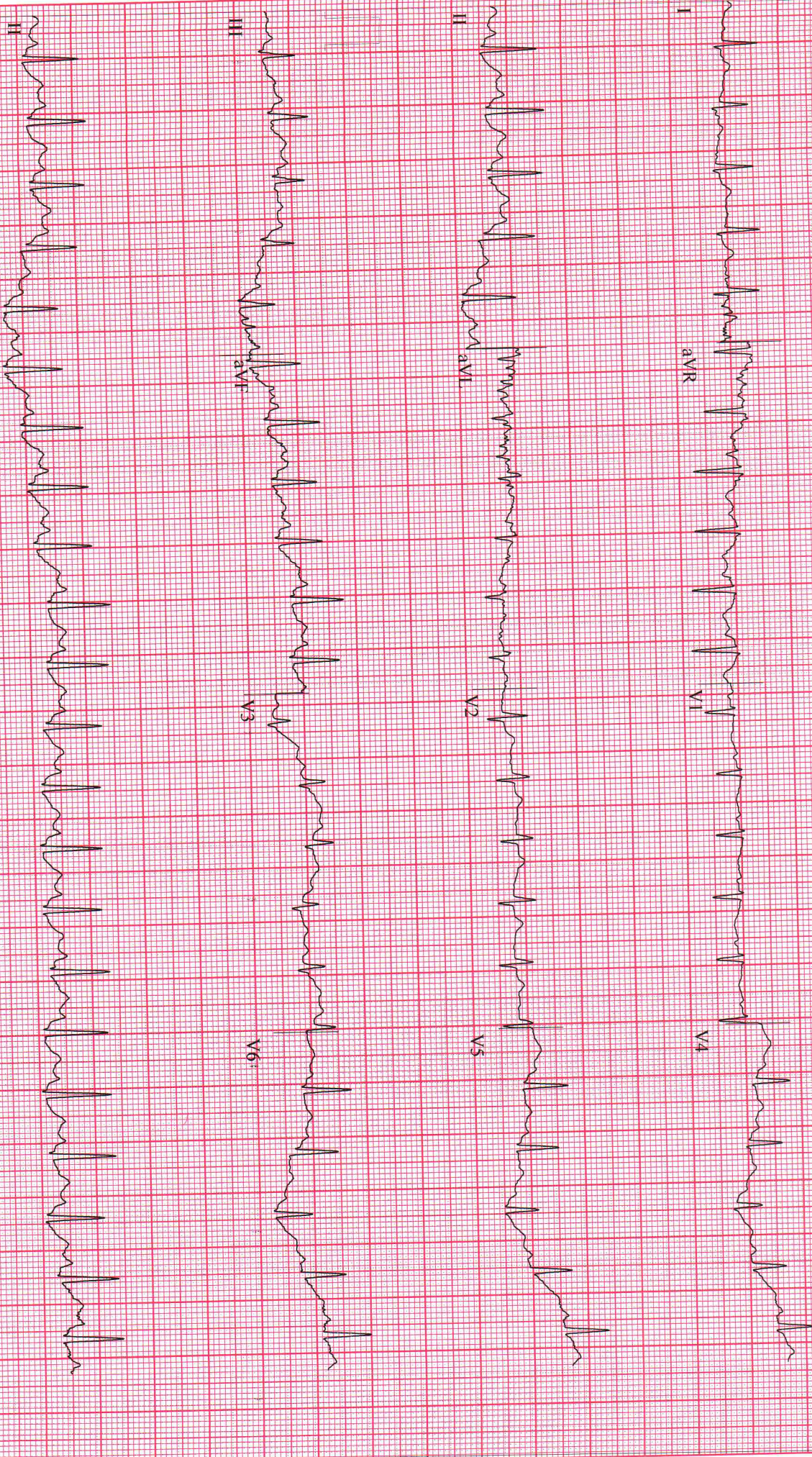
03/08/2025 Female 154 in 90 lbs

3:26:54pm 36 yrs

134 bpm  
140/80 mmHg

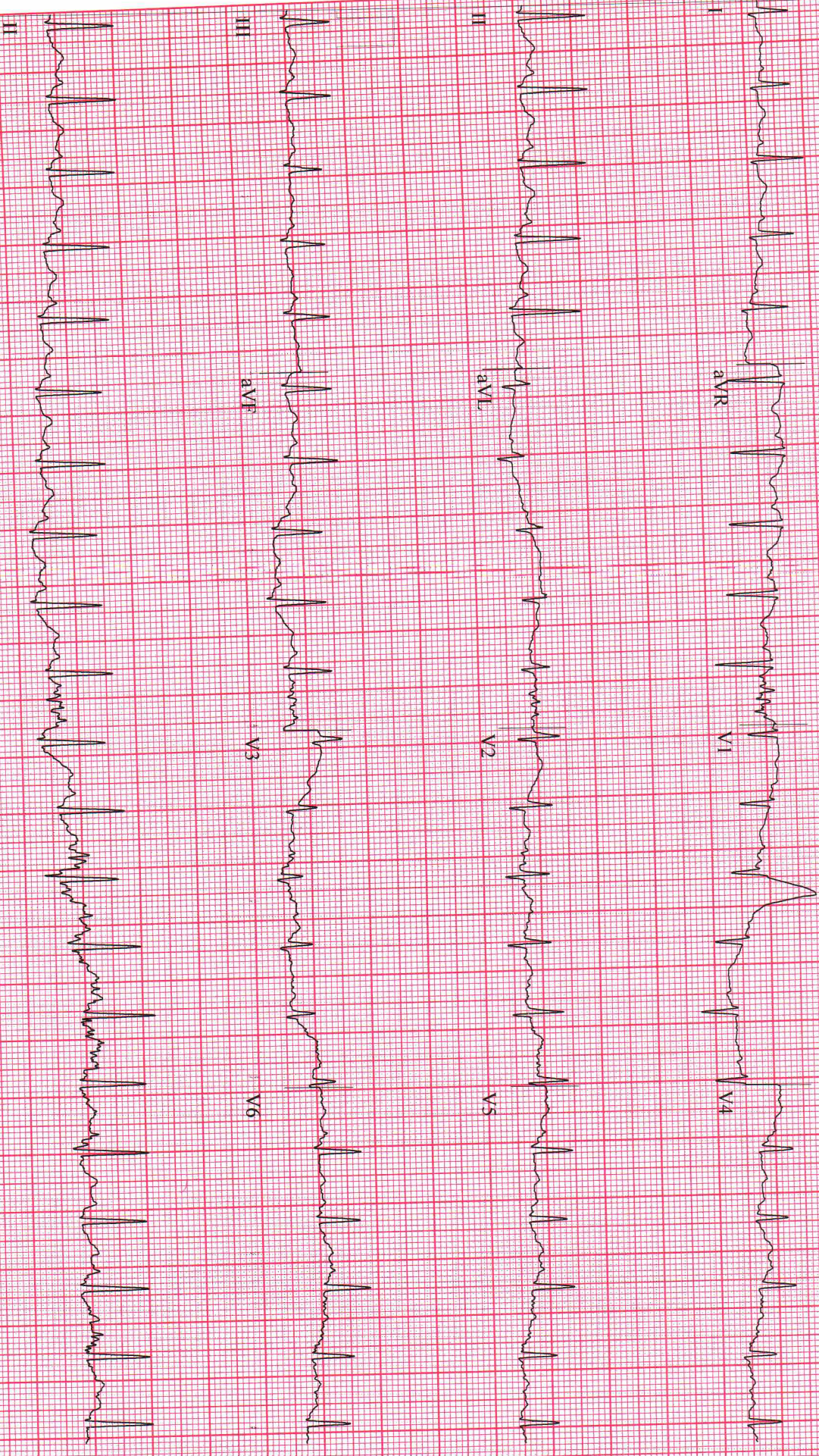
RECOVERY  
#1  
01:50

BRUCE  
0.0 mph  
0.0 %



GE CardioSoft V7.0 (10)  
25 mm/s 10 mm/mV 50 Hz 0.05-40 Hz PRF HR X5 Y4b  
www.eegpapers.com PH: 014-2823745

Start of Test: 3:20:11pm



GE CardioSoft V7.0 (10)  
25 mm/s 10 mm/mV 50 Hz 0.05-40 Hz FRR HR(II V5)

www.ecgpapers.com Pn : 044 - 2621 5745

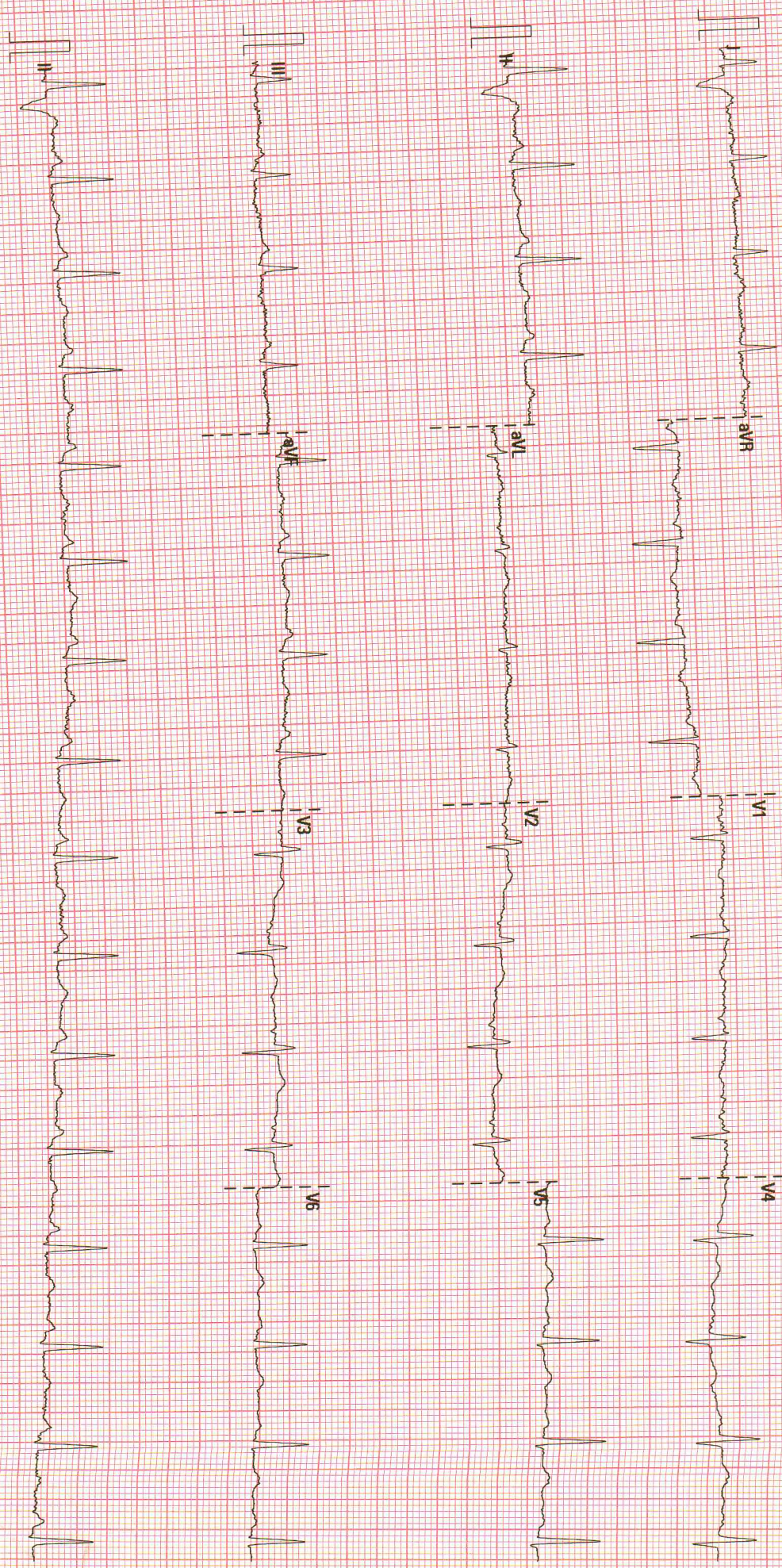
Start of Test: 3:20:11 pm

ID: 2025030812065942  
Name: k samathapurasad  
Age: 36 Years  
Gender: Female

Vent. Rate 92 bpm  
PR Interval 144 ms  
QRS Duration 80 ms  
QT/QTc Interval 354/410 ms  
P/QRS/T Axes 73/61/31 deg  
QTc:Hodges

Sinus rhythm  
Normal ECG

Unconfirmed Diagnosis



25 mm/s 10 mm/mV 50 Hz 0.05-35 Hz

Medicover Hospital, Warangal

02:10:00 V78 4.1

SN:FA-43048637

MICRO MED

INTEGRIS