



**LABORATORY REPORT : BIOCHEMISTRY**

<b>Name</b>	: Mr. POGULA BHUMAIHAH	<b>Age /Sex</b>	: 51Y Y(s)/MALE
<b>Bill Date</b>	: 08-Mar-2025 09:10 AM	<b>UMR No.</b>	: 652503000245
<b>Rec. Dt</b>	: 08-Mar-2025 10:00 AM	<b>Bill No.</b>	: MCB65250300568
<b>Rept. Dt</b>	: 08-Mar-2025 12:22 PM	<b>Result No</b>	: RWL250301325
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026227
<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> <i>Urease kinetic</i>	21.3	16.6 - 48.5	mg/dL
<b>BUN (Blood Urea Nitrogen.)</b> <i>CALCULATED</i>	9.94	8.0 - 23.0	mg/dL

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

Verified By  
Nreddy Rajkumar (030243)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST



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<b>Rept. Dt</b>	: 08-Mar-2025 11:28 AM	<b>Result No</b>	: RWL250301326
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026228
<b>Sample Type</b>	: SERUM		

**HBA1C (GLYCOSYLATED HAEMOGLOBIN)**

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>HBA1C</b> <i>HPLC</i>	5.3	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	
<b>MPG(Mean Plasma Glucose)</b> <i>Derived from HBA1c value</i>	111.38	" Excellent Control : 90 - 120 mg/dl Good Control : 121 - 150 "	mg/dl

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<b>Sample Type</b>	: SERUM		

**LIPID PROFILE**

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>TOTAL CHOLESTEROL</b> <i>Enzymatic colorimetric</i>	171.2	Desirable : : < 200 mg/dL Borderline High : : 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
<b>HDL CHOLESTEROL</b> <i>Homogeneous enzymatic colorimetric</i>	48.8	Low : : < 40 mg/dL High : : > 60 mg/dL	mg/dL
<b>LDL CHOLESTEROL</b> <i>Direct-Enzymatic colorimetric</i>	<b>110.2 *</b>	Very High : - > 190 mg/dL Optimal : - < 100 mg/dL Near Optimal : 100 - 129 mg/dL High : 160 - 189 mg/dL Borderline High:130-159 mg/dl	mg/dL
<b>VLDL</b> <i>Calculation</i>	19.0	2 - 30 mg/dL	mg/dL
<b>SERUM TRYGLYCERIDES</b> <i>Enzymatic colorimetric</i>	95.4	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
<b>CHO/HDL RATIO</b> <i>Calculation</i>	<b>3.51 *</b>	Normal : - < 3.5 High Risk : - > 5.0	
<b>LDL/HDL RATIO</b>	2.26		

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

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<b>Rept. Dt</b>	: 08-Mar-2025 12:22 PM	<b>Result No</b>	: RWL250301337
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026232
<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> <i>Hexokinase</i>	94	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL
<b>FASTING URINE SUGAR</b> <i>Hexokinase</i>	NIL *	Normal Range : 77 - 99 (3.9 to 5.5 mmol/L)	mg/dL

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<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026227
<b>Sample Type</b>	: SERUM		

### SERUM CREATININE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>CREATININE</b> <i>Jaffe</i>	0.78	0.7 - 1.2	mg/dL

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<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026227
<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> CALCULATED	12.7	10-20 mg/dL	mg/dL

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

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<b>Rec. Dt</b>	: 08-Mar-2025 10:00 AM	<b>Bill No.</b>	: MCB65250300568
<b>Rept. Dt</b>	: 08-Mar-2025 01:50 PM	<b>Result No</b>	: RWL250301330
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026227
<b>Sample Type</b>	: SERUM		

### T3,T4 AND TSH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>T3</b> ECLIA	0.867	0.8 - 2.0	ng/mL
<b>T4</b> ECLIA	6.90	5.1 - 14.1	ug/dL
<b>TSH(THYROID STIMULATING HORMONE)</b> ECLIA	1.66	0.270 - 4.20	uIU/mL

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

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<b>Rept. Dt</b>	: 08-Mar-2025 12:22 PM	<b>Result No</b>	: RWL250301331
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026227
<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> <i>DIAZO</i>	0.4	<1.2	mg/dL
<b>DIRECT BILIRUBIN</b> <i>DIAZO</i>	0.1	<=0.20	mg/dL
<b>INDIRECT BILIRUBIN</b> <i>Calculated</i>	0.3	<=1.0	mg/dL
<b>SGPT (ALT)</b> <i>UV without P5P</i>	18	<=41	U/L
<b>SGOT (AST)</b> <i>UV without P5P</i>	18	<=40	U/L
<b>ALKALINE PHOSPHATASE (ALP)</b> <i>PNPP, AMP Buffer - IFCC Ref.</i>	65	40-129 U/L	U/L
<b>TOTAL PROTEINS</b> <i>Biuret method</i>	7.33	6.0 - 8.0 g/dL	g/dL
<b>SERUM ALBUMIN</b> <i>Bromcresol Green (BCG)</i>	4.50	3.5 - 5.2 g/dL	g/dL
<b>GLOBULINS</b> <i>Calculated</i>	2.83	2.5 - 3.5 g/dL	g/dL
<b>A/G RATIO</b> <i>Calculation</i>	1.59	1.2 - 2.5	
<b>GAMMA GLUTAMYL TRANSFERASE(GGT)</b> <i>G-glutamyl-carboxy-nitroanilide-IFCC</i>	24	6-42	U/L

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<b>Rept. Dt</b>	: 08-Mar-2025 12:22 PM	<b>Result No</b>	: RWL250301331
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026227
<b>Sample Type</b>	: SERUM		

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

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<b>Rept. Dt</b>	: 08-Mar-2025 12:22 PM	<b>Result No</b>	: RWL250301332
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026227
<b>Sample Type</b>	: SERUM		

### SERUM URIC ACID

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
SERUM URIC ACID <i>uricase</i>	5.9 *	2.4-5.7	mg/dL

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

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<b>Rec. Dt</b>	: 08-Mar-2025 10:00 AM	<b>Bill No.</b>	: MCB65250300568
<b>Rept. Dt</b>	: 08-Mar-2025 01:50 PM	<b>Result No</b>	: RWL250301336
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026227
<b>Sample Type</b>	: SERUM		

### PSA (PROSTATE SPECIFIC ANTIGEN).

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
PROSTATE SPECIFIC ANTIGEN (PSA) <i>ECLIA</i>	0.412	0-4.0	ng/mL

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

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<b>Bill Date</b>	: 08-Mar-2025 09:10 AM	<b>UMR No.</b>	: 652503000245
<b>Rec. Dt</b>	: 08-Mar-2025 01:10 PM	<b>Bill No.</b>	: MCB65250300568
<b>Rept. Dt</b>	: 08-Mar-2025 02:39 PM	<b>Result No</b>	: RWL250301523
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026327
<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> <i>Dipstick Urine</i>	NIL	Nil	
<b>PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)</b> <i>Hexokinase</i>	113	110-180 mg/dL	mg/dL

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

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CONSULTANT PATHOLOGIST



## LABORATORY REPORT : BLOOD BANK

<b>Name</b>	: Mr. POGULA BHUMAI AH	<b>Age /Sex</b>	: 51Y Y(s)/MALE
<b>Bill Date</b>	: 08-Mar-2025 09:10 AM	<b>UMR No.</b>	: 652503000245
<b>Rec. Dt</b>	: 08-Mar-2025 10:00 AM	<b>Bill No.</b>	: MCB65250300568
<b>Rept. Dt</b>	: 08-Mar-2025 02:23 PM	<b>Result No</b>	: RWL250301334
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026230
<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> <i>Automated microcolumn gel method</i>	A		
<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  
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**LABORATORY REPORT : CLINICAL PATHOLOGY**

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<b>Rec. Dt</b>	: 08-Mar-2025 10:00 AM	<b>Bill No.</b>	: MCB65250300568
<b>Rept. Dt</b>	: 08-Mar-2025 10:47 AM	<b>Result No</b>	: RWL250301333
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026229
<b>Sample Type</b>	: URINE		

**CUE(COMPLETE URINE EXAMINATION)**

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
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**PHYSICAL EXAMINATION**

<b>VOLUME</b>	20 ml	10 ml to 25 ml	ml
<b>COLOUR</b>	Pale yeloow	PALE YELLOW	
<b>APPEARANCE</b>	Clear	CLEAR	

**CHEMICAL EXAMINATION**

<b>SPECIFIC GRAVITY</b> <i>Bromthymol blue</i>	1.020	1.000 - 1.030
<b>PH</b> <i>Bromthymol blue</i>	6.0	5.0 - 8.0
<b>PROTEIN</b> <i>Tetra-bromophenol blue/Heat coagulation test</i>	NIL	NIL (<15 mg/dL)
<b>GLUCOSE</b> <i>Glucose oxidase Peroxidase/Benedict?s test</i>	NIL	NIL (<25 mg/dL)
<b>UROBILINOGEN</b> <i>Diazonium salt</i>	NIL	NIL
<b>KETONE</b> <i>Sodium nitroprusside/Rothera?s test.</i>	NIL	NIL (<5 mg/dL)

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<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026229
<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 \*\*\*

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## LABORATORY REPORT : HAEMATOLOGY

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<b>Rept. Dt</b>	: 08-Mar-2025 11:28 AM	<b>Result No</b>	: RWL250301338
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026233
<b>Sample Type</b>	: WHOLE BLOOD		

### ESR

#### Parameters

#### Result

#### Reference Range

#### Units

**ESR**

**24 mm \***

0 - 10

mm/1st hour

MODIFIED WESTERGREN'S  
METHOD

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

Verified By

Nreddy Rajkumar (030243)



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<b>Rept. Dt</b>	: 08-Mar-2025 10:47 AM	<b>Result No</b>	: RWL250301335
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026231
<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> <i>Photometric</i>	13.8	13.0 - 17.0	gms/dL
<b>R B C COUNT</b> <i>Electrical Impedance</i>	4.53	4.5 - 5.5 10 <sup>12</sup> /L	10 <sup>12</sup> /L
<b>PCV/HCT</b> <i>Calculated</i>	41.9	40 - 50	%
<b>MCV</b> <i>Calculated</i>	92.3	83 - 101	fl
<b>MCH</b> <i>Calculated</i>	30.4	27 - 32	pg
<b>MCHC</b> <i>Calculated</i>	32.9	31 - 37	g/dL
<b>RDW(cv)</b>	<b>16.9 *</b>	11.6 - 14.0 %	%
<b>TLC (TOTAL LEUCOCYTE COUNT)</b> <i>Impedance</i>	5.19	4.0 - 10.0	10 <sup>3</sup> /μl
<b>DIFFERENTIAL COUNT</b>			
<b>NEUTROPHILS</b> <i>DHSS/Microscopy</i>	58	40 - 80 %	
<b>LYMPHOCYTES</b> <i>DHSS/Microscopy</i>	34	20 - 40 %	

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**LABORATORY REPORT : HAEMATOLOGY**

<b>Name</b>	: Mr. POGULA BHUMAIHAH	<b>Age /Sex</b>	: 51Y Y(s)/MALE
<b>Bill Date</b>	: 08-Mar-2025 09:10 AM	<b>UMR No.</b>	: 652503000245
<b>Rec. Dt</b>	: 08-Mar-2025 10:00 AM	<b>Bill No.</b>	: MCB65250300568
<b>Rept. Dt</b>	: 08-Mar-2025 10:47 AM	<b>Result No</b>	: RWL250301335
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026231
<b>Sample Type</b>	: EDTA WHOLE BLOOD		

<b>MONOCYTES</b> <i>DHSS/Microscopy</i>	07	02 - 10 %	
<b>EOSINOPHILS</b> <i>DHSS/Microscopy</i>	01	1.0-6.0	%
<b>BASOPHILS</b> <i>DHSS/Microscopy</i>	0.0	00 - 01 %	
<b>ABSOLUTE NEUTROPHILS COUNT(ANC)</b> <i>Calculated</i>	3.00	2.0 - 7.0 10 <sup>9</sup> /L	10 <sup>9</sup> /L
<b>ABSOLUTE LYMPHOCYTES COUNT(ALC)</b> <i>Calculated</i>	1.76	1.0 - 3.0 10 <sup>9</sup> /L	10 <sup>9</sup> /L
<b>ABSOLUTE MONOCYTES COUNT(AMC)</b> <i>Calculated</i>	0.39	0.2 - 1.0 10 <sup>9</sup> /L	10 <sup>9</sup> /L
<b>ABSOLUTE EOSINOPHILS COUNTS(AEC)</b> <i>Calculated</i>	0.04	0.02 - 0.5 10 <sup>9</sup> /L	10 <sup>9</sup> /L
<b>ABSOLUTE BASOPHILS COUNT(ABC)</b> <i>Calculated</i>	00		
<b>PLATELET COUNT</b> <i>Electrical Impedance</i>	180	150 - 400 10 <sup>3</sup> /?ÁL	

Verified By  
Sangi Akshay (030509)

  
DR. MANCHALA LATA  
CONSULTANT PATHOLOGIST





## LABORATORY REPORT : HAEMATOLOGY

<b>Name</b>	: Mr. POGULA BHUMAI AH	<b>Age /Sex</b>	: 51Y Y(s)/MALE
<b>Bill Date</b>	: 08-Mar-2025 09:10 AM	<b>UMR No.</b>	: 652503000245
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<b>Rept. Dt</b>	: 08-Mar-2025 10:47 AM	<b>Result No</b>	: RWL250301335
<b>Ref By</b>	: DR. Girish Loya	<b>Sample ID</b>	: MCWWL7026231
<b>Sample Type</b>	: EDTA WHOLE BLOOD		

**MPV** 10.8 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



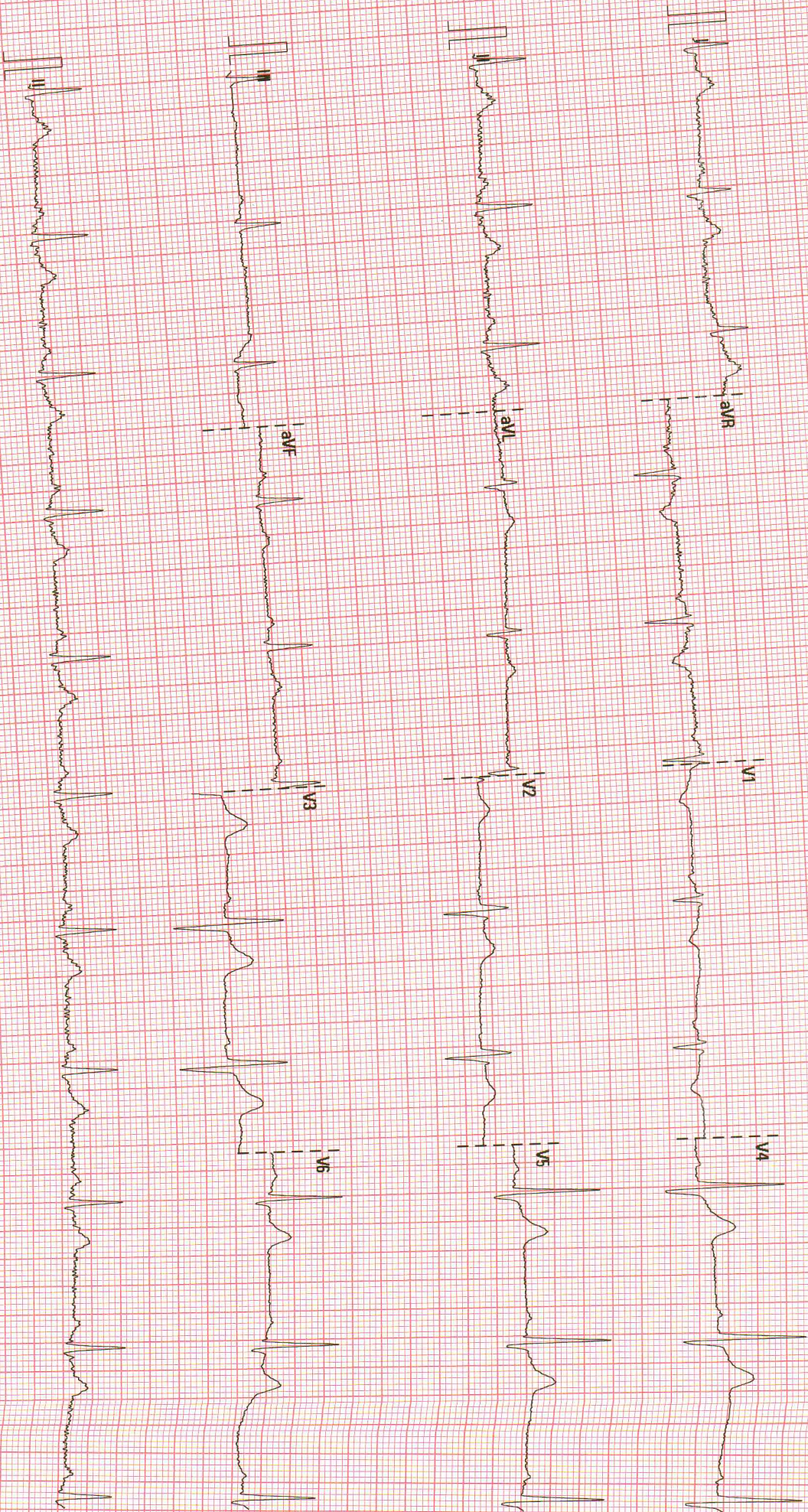
ID: 2025030810295532  
Name: pogula bhumnaih  
Age: 51 Years  
Gender: Female

Vent. Rate  
PR Interval  
QRS Duration  
QT/QTc Interval  
P/QRS/T Axes  
QTcHodges

61 bpm  
166 ms  
110 ms  
410/412 ms  
62/68/32 deg

Sinus rhythm  
Normal ECG

Unconfirmed Diagnosis



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

Medicover Hospital, Warangal

02.10.00/V28 4.1

SN:FN-43048637

**P: MR. BHUMAI AH**

Patient ID: 652503000245  
 Male 161 in 87 lbs  
 03/08/2025 51 yrs Indian  
 1:18:01 pm Meds:

Test Reason:  
 Medical History:

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

BRUCE: Exercise Time 07:31  
 Max HR: 166 bpm 98 % of max predicted 169 bpm HR at rest: 90  
 Max BP: 160/80 mmHg BP at rest: 120/80 Max RPP: 26560 mmHg\*bpm  
 Maximum Workload: 10.10 METS  
 Max. ST: -1.25 mm, 0.85 mV/s in III; EXERCISE STAGE 3 7:31  
 ST/HR index: 1.42  $\mu$ V/bpm  
 ST/HR slope: 1.41  $\mu$ V/bpm (III)  
 HR reserve used: 94 %  
 HR recovery: 29 bpm  
 VE recovery: 0 VE/min  
 ST/HR hysteresis: -0.064 mV (I)  
 QRS duration: BASELINE: 110 ms, PEAK EX: 110 ms, REC: 110 ms

Reasons for Termination: Fatigue

Summary: Functional Capacity: normal, HR Response to Exercise:

Resting ECG: normal, BP Response to Exercise: normal resting BP - appropriate response.

Chest Pain: none, Arrhythmias: none, ST Changes: none, Overall Impression:

Normal stress test.

Prognosis: Duke Treadmill Score: 2 Risk Category: moderate

5 Year Survival: 94.0 % Average Annual Mortality: 1.2 %

Room:

Location: \* 0 \*

Phase Name	Stage Name	Time in Stage	Speed [mph]	Grade [%]	Workload [METs]	HR [bpm]	BP [mmHg]	RPP [mmHg*bpm]	VE [l/min]	ST Level [mm]	Comment
PRE-TEST	SUPINE	04:22	0.00	0.00	1.0	80	120/80	9600	0	-0.05	
	STANDING	00:34	0.00	0.00	1.0	81	120/80	10080	0	0.00	
	HYPERV.	01:05	0.00	0.00	1.0	84	120/80	10440	0	0.05	
	WARM-UP	00:47	0.00	0.00	1.0	87	120/80	15000	0	-0.10	
EXERCISE	STAGE 1	03:00	1.70	10.00	4.6	125	140/80	20440	0	-0.60	
	STAGE 2	03:00	2.50	12.00	7.0	146	160/80	26240	0	-1.25	
	STAGE 3	01:31	3.40	14.00	10.1	164	160/80		0	0.50	
RECOVERY		03:00	0.00	0.00	1.0	106	130/80	13780			

Unconfirmed

Attending MD:



Patient Name: P. MR. BHUMAIHAH  
Patient ID: 6525030000245  
Height: 161 in  
Weight: 87 lbs

Study Date: 03/08/2025  
Test Type: --  
Protocol: BRUCE

Medications: --

Medical History: --

Reason for Exercise Test: --

DOB: 09/24/1973  
Age: 51 yrs  
Gender: Male  
Race: Indian  
Referring Physician: --  
Attending Physician: --  
Technician: --

### EXERCISE STRESS TEST REPORT

Phase Name	Stage Name	Time in Stage	Speed [mph]	Grade [%]	HR [bpm]	BP [mmHg]	BP Comment
PRETEST	SUPINE	04:22	0.00	0.00	80	120/80	
	STANDING	00:34	0.00	0.00	81	120/80	
	HYPERV	01:05	0.00	0.00	87	120/80	
EXERCISE	WARM-UP	00:47	0.00	1.70	125	120/80	
	STAGE 1	03:00	2.50	12.00	146	140/80	
	STAGE 2	03:00	3.40	14.00	164	160/80	
RECOVERY	STAGE 3	01:31	0.00	0.00	106	130/80	

#### Exercise Test Summary

The patient exercised according to the BRUCE for 7:31 min.; achieving a work level of Max. METS: 10.10. The resting heart rate of 90 bpm rose to a maximal heart rate of 166 bpm. This value represents 98 % of the maximal, age-predicted heart rate. The resting blood pressure of 120/80 mmHg, rose to a maximum blood pressure of 160/80 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.  
ST Changes: none.  
Overall Impression: Normal stress test.

#### Conclusions

Physician: --  
Technician: Mrs. D. S. S. S. S.

P: MR. BHUJALAH

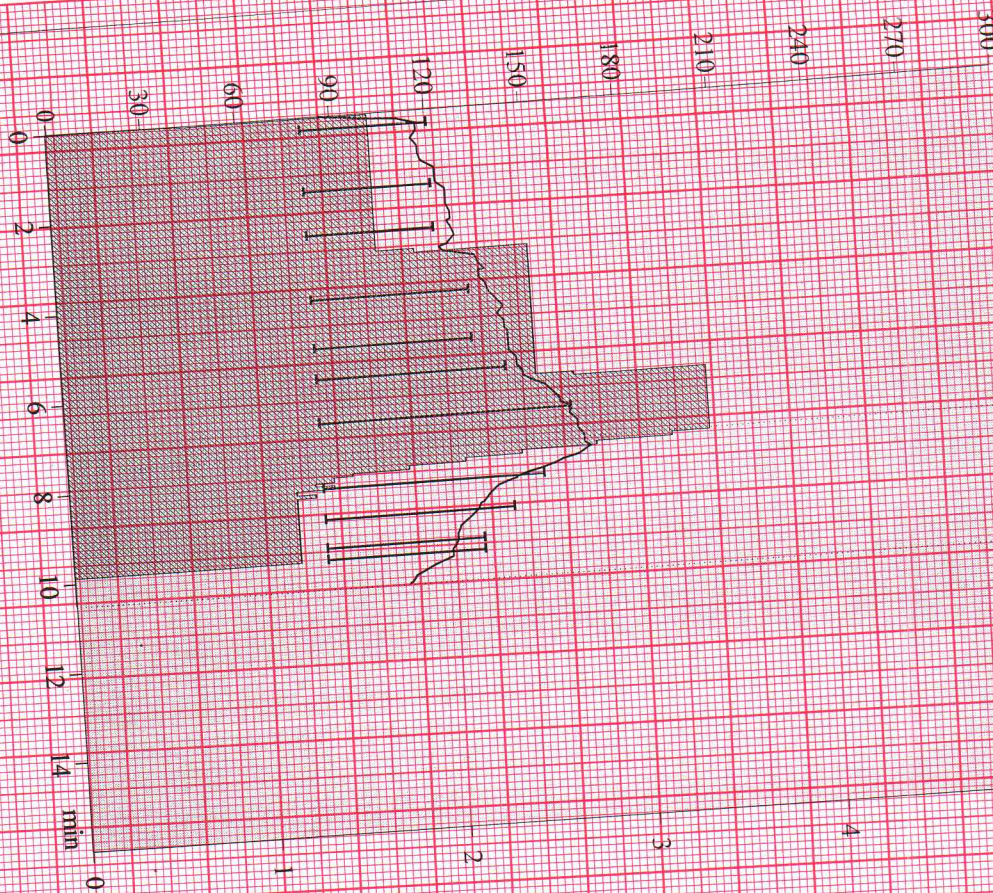
Patient ID: 652503000245

03/08/2025 Male 161 in 87 lbs

1:18:01pm 51 yrs Indian

Protocol: BRUCE

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



Pretest: 6:48 Exercise: 7:31 Recovery: 3:00 Total: 17:19

Unconfirmed

Attending MD:

Max HR: 166 bpm 98% of max predicted 169 bpm HR at rest: 90  
 Max BP: 160/80 mmHg BP at rest: 120/80 Max RPP: 26560 mmHg\* bpm  
 Maximum Workload: 10.10 METS  
 Max ST: -1.25 mm, -0.85 mV/s In III; EXERCISE STAGE 3 7:31  
 ST/HR index: 1.42  $\mu$ V/bpm  
 Duke Treadmill Score: 2 Risk Category: moderate  
 5 Year Survival: 94.0% Average Annual Mortality: 1.2%

ST/HR slope: 1.41  $\mu$ V/bpm (III)  
 HR reserve used: 94%  
 HR recovery: 29 bpm  
 VE recovery: 0 VE/min

ST/HR hysteresis: 0:064 mV (I)  
 QRS duration: BASELINE: 110 ms, PEAK EX: 110 ms, REC: 110 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  
 ST Changes: none  
 Overall Impression: Normal stress test  
 Location: \* 0 \*

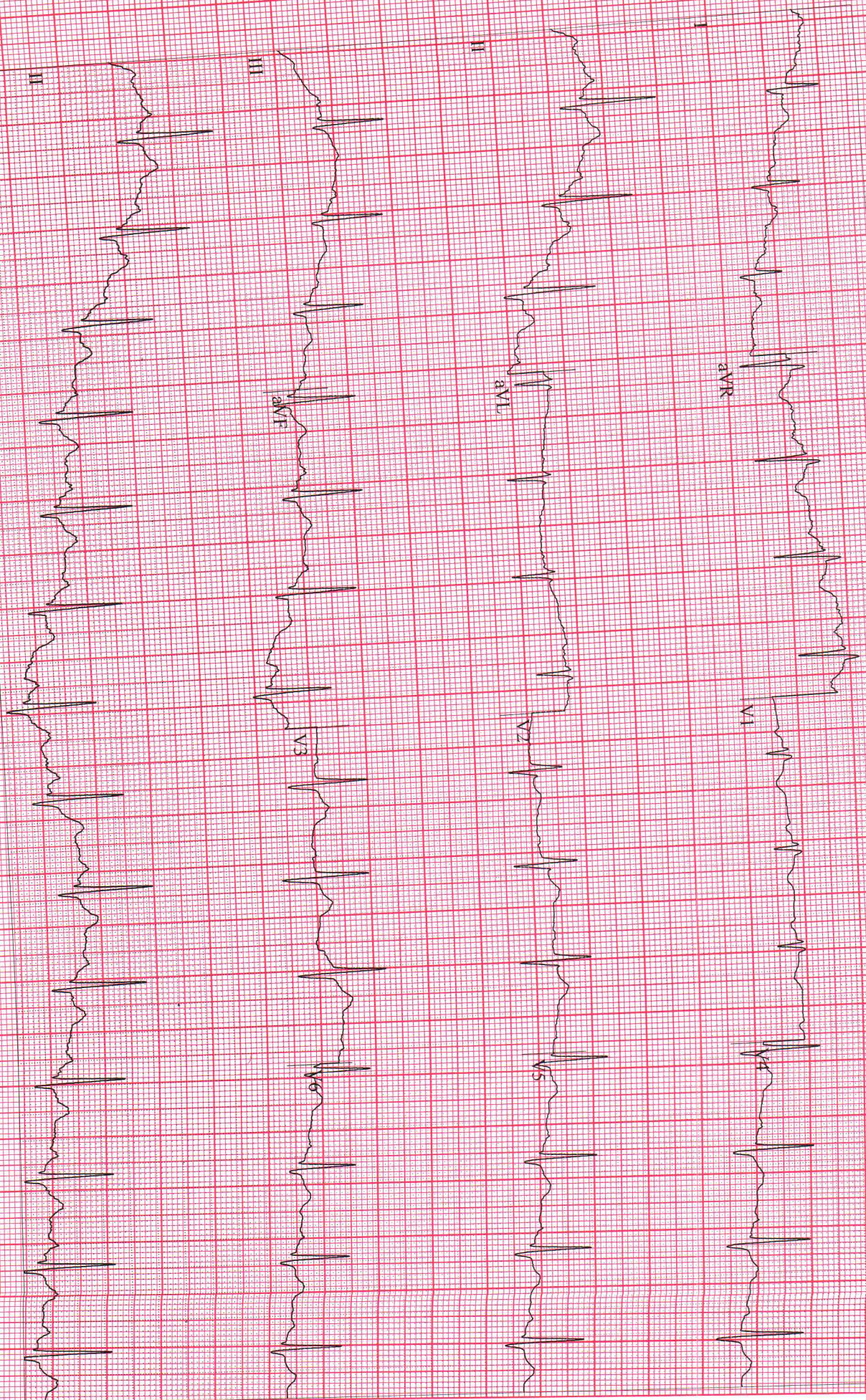
P: MR. BHUMALAI  
Patient ID: 652503000245  
03/08/2025 Male 161 in 87 lbs  
1:22:01 pm 51 yrs Indian

Exercise Test 1000-1

86 bpm  
120/80 mmHg

PRETEST  
SUPINE  
3:59

BRUCE  
0.0 mph  
0.0%



Unconfirmed

Attending MD:

GE CardioSoft V7.0 (10)  
www.ge.com  
10 mm/mV 50 Hz 0.04 Pb Hz 0 HEART 6.5 4 57 HR (V5, V3)  
7.5 mm/s

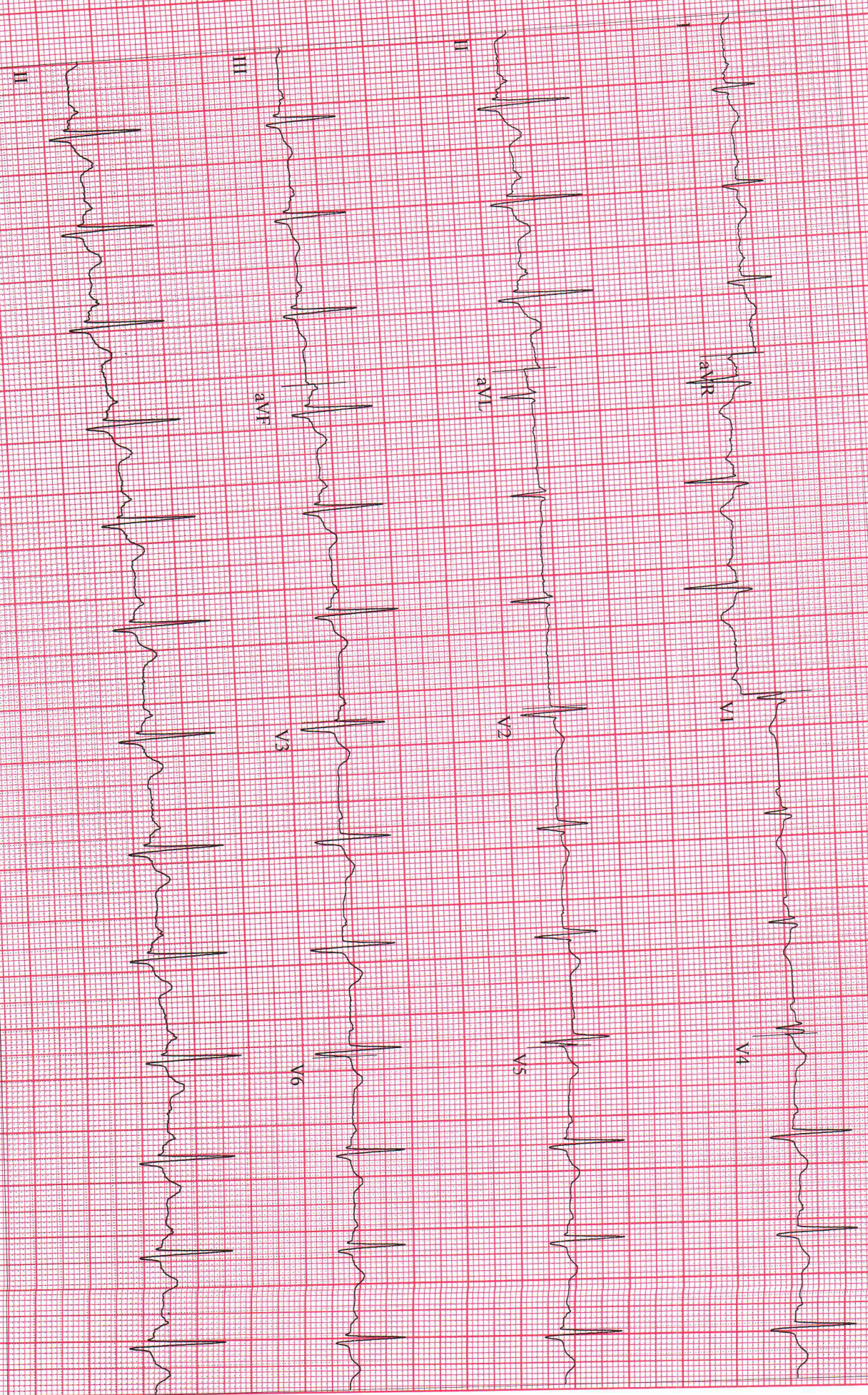


P. MR. BHUMALAIH  
Patient ID: 652503000245  
03/08/2025  
1:22:57pm  
Male 161 in 87 lbs  
51 yrs Indian

Exercise Test  
81 bpm  
120/80 mmHg

PRETEST  
STANDING  
4:55

BRUCE  
0.0 mph  
0.0%



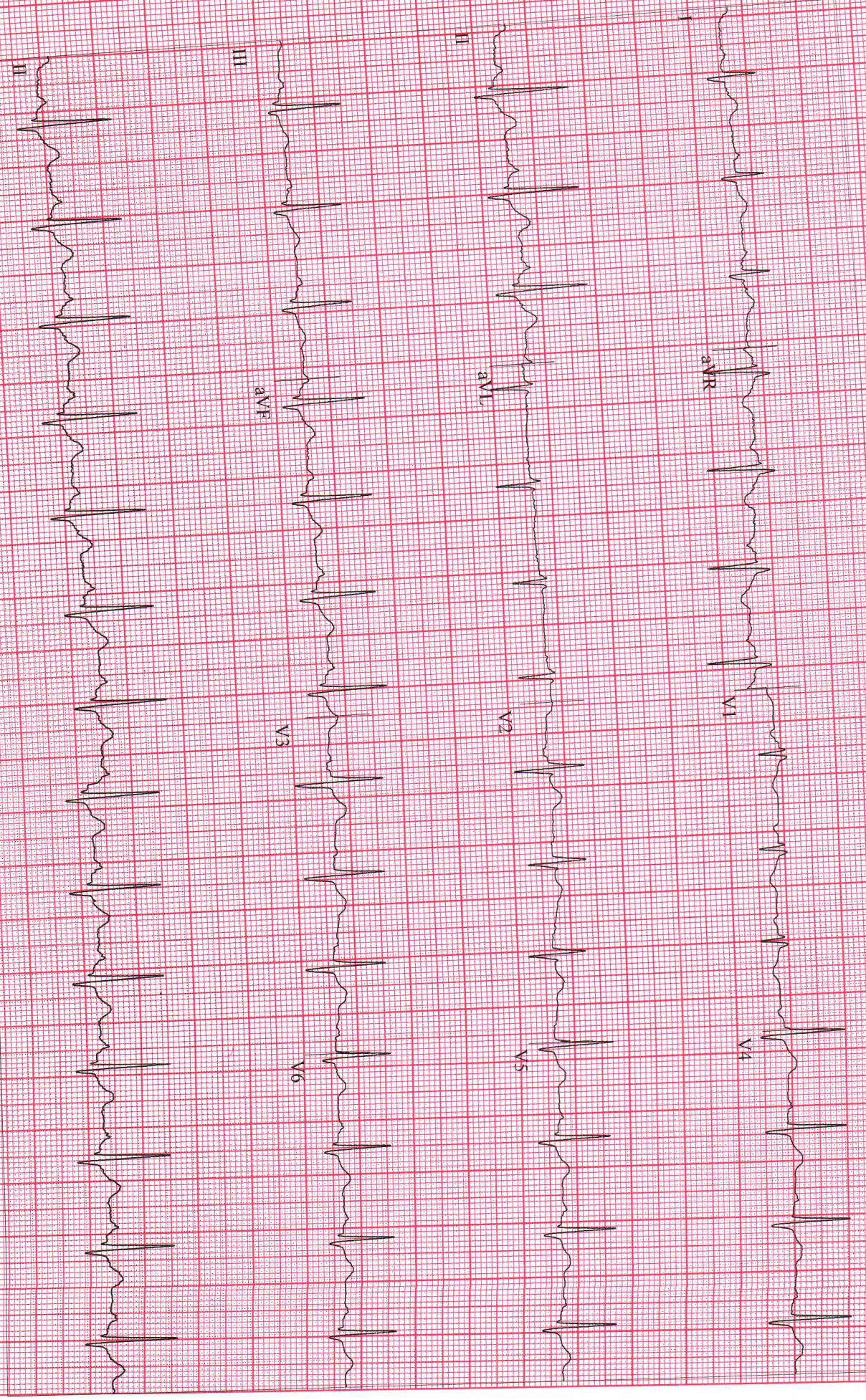
Unconfirmed

Attending MD:

GE CardioSoft V7.0 (110)  
25 mm/s  
50 Hz  
0.04-40 Hz HEART (V5, V3)

**P. MR. BHUMALAI**  
 Patient ID: 652503000245  
 Male 161 in 87 lbs  
 03/08/2025  
 1:24:02 pm 51 yrs Indian

Exercise Test / 1000 cal  
 84 bpm  
 120/80 mmHg  
 PRETEST  
 HYPERTV.  
 6:00  
 BRUCE  
 0.0 mph  
 0.0 %



GE Cardiosoft V7.0 (10)  
 25 mm/s  
 V6 mm/mV  
 V50 Hz  
 0.004-40 Hz  
 HEARD 62.41/7 HR (V5, V3)

Unconfirmed

Attending MD:



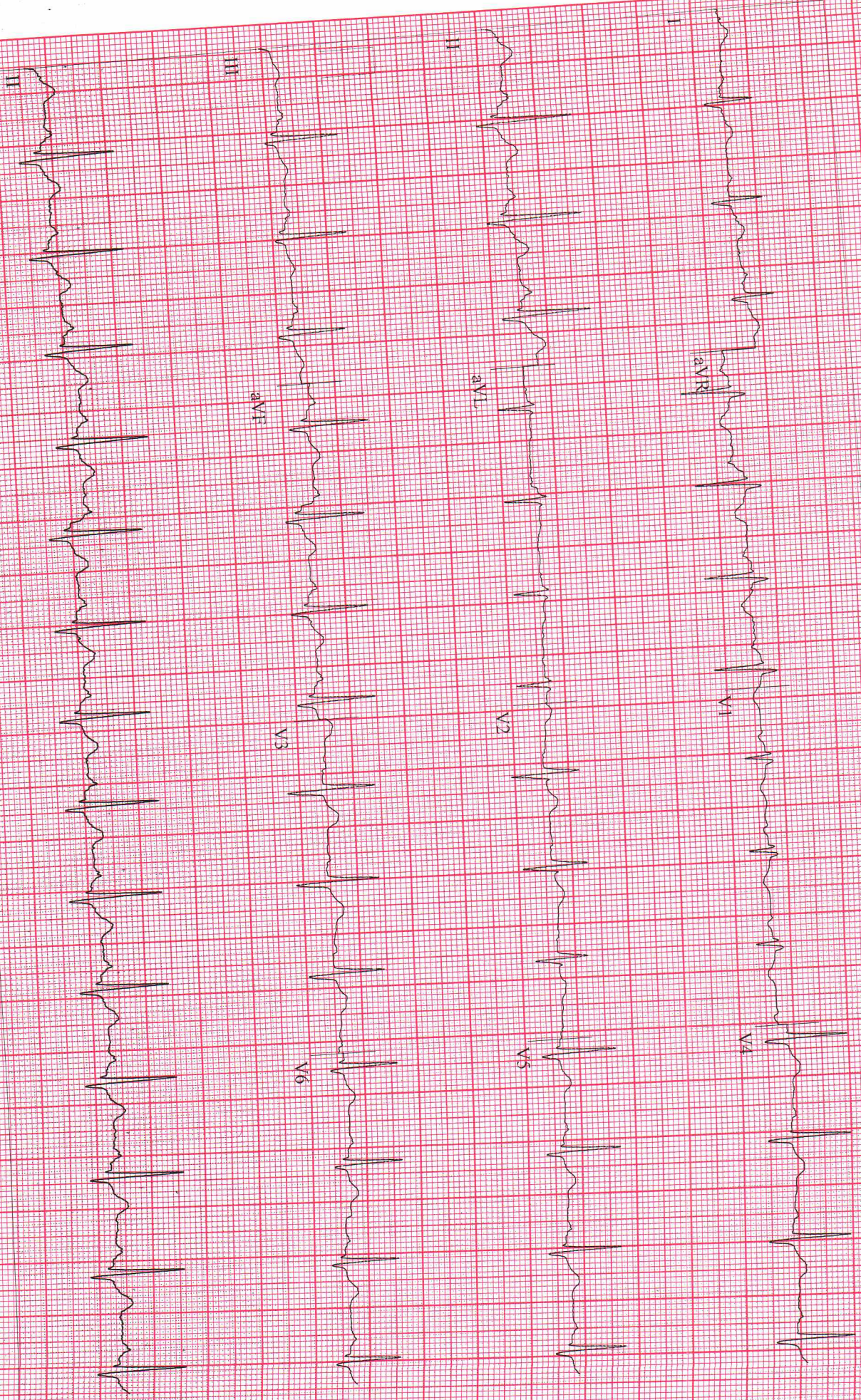
P: MR. BHUMAIH  
Patient ID: 652503000245  
03/08/2025 Male 161 in 87 lbs  
1:24:09pm 51 yrs Indian

85 bpm  
120/80 mmHg

PRETEST  
WARM-UP  
06:02

BRUCE  
0.0 mph  
0.0 %

Exercise Test / 12-Lead ECG



GE CardiacSoft 979000003.com Ph: 044-26215745  
1.0 mm/mV 50 Hz 0.05 - 40 Hz FRF- HR(V5, V3)

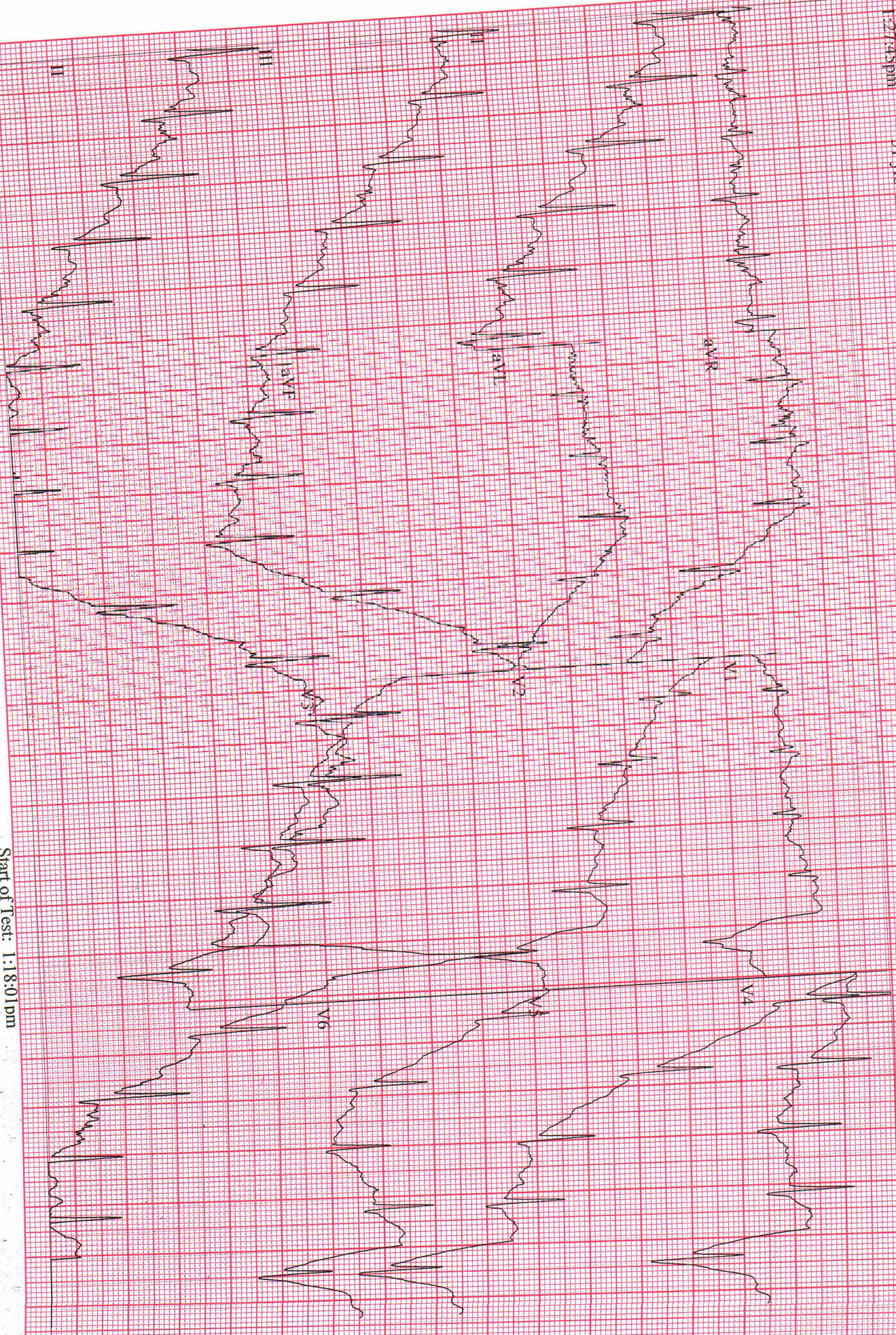
Start of Test: 1:18:01 pm

P. MR. BHUMAI AH  
Patient ID: 652505000245  
03/08/2025  
1:27:45pm  
Male 161 in 87 lbs  
51 yrs Indian

127 bpm  
120/80 mmHg

EXERCISE  
STAGE 1  
02:50

BRUCE  
1.7 mph  
10.0 %



GE CardioSoft V7.0 (110)  
25 mm/s V10 60/60/60 V1 50 Hz C0005 1 40 Hz DR14 HR625 V37 45

Start of Test: 1:18:01 pm

P. MR. BHUMALAH

Patient ID: 652503000245

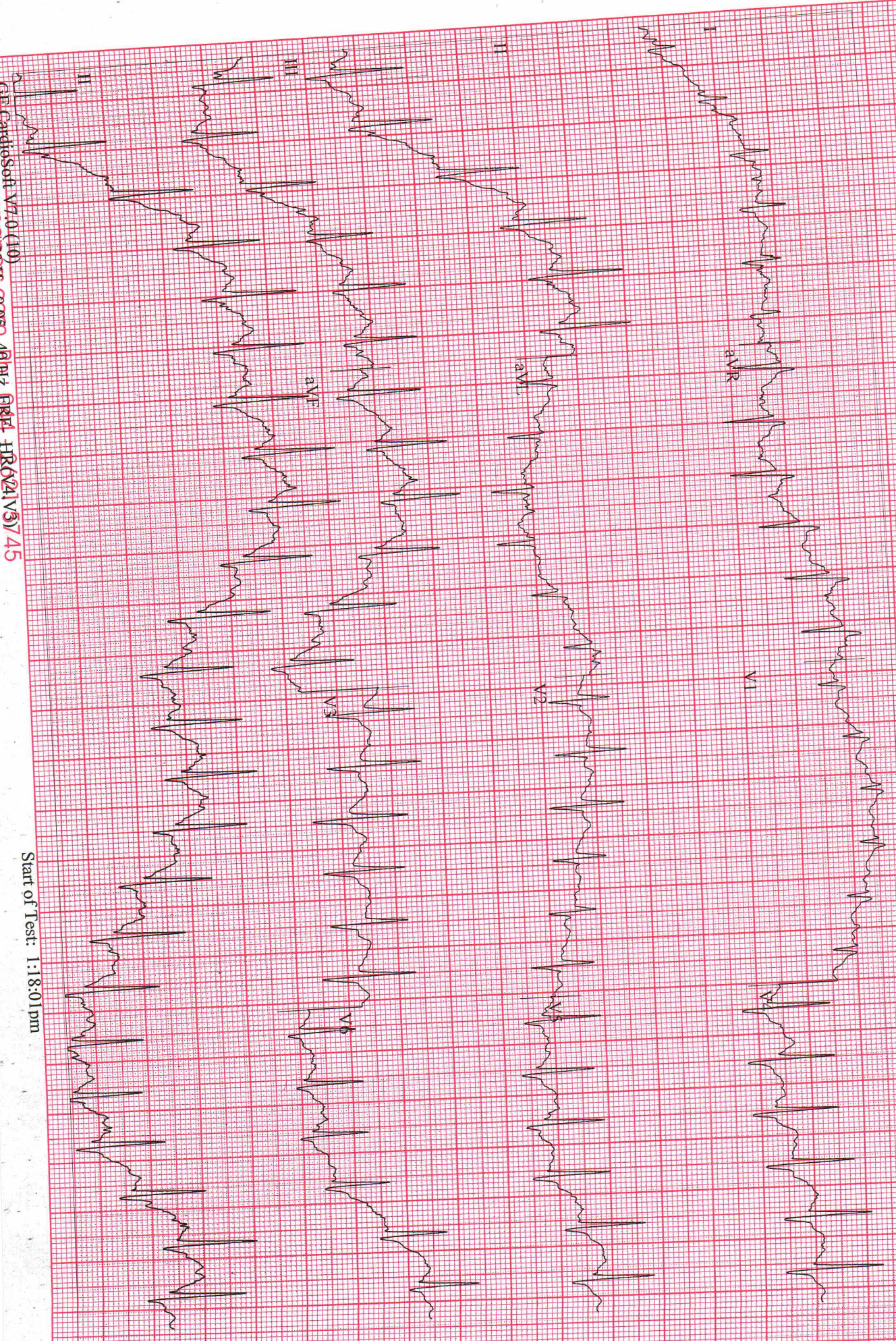
03/08/2025 Male 161 in 87 lbs

1:30:45pm 51 yrs Indian

144 bpm  
140/80 mmHg

EXERCISE  
STAGE 2  
05:50

BRUCE  
2.5 mph  
12.0%



GE CardioSoft V7.0 (110)  
25 mm/s M05mm/p V150Hz C005 40 Hz REF HR624V3745

Start of Test: 1:18:01pm

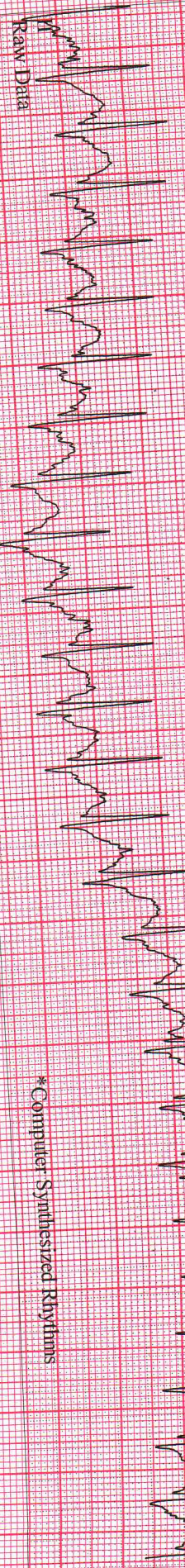
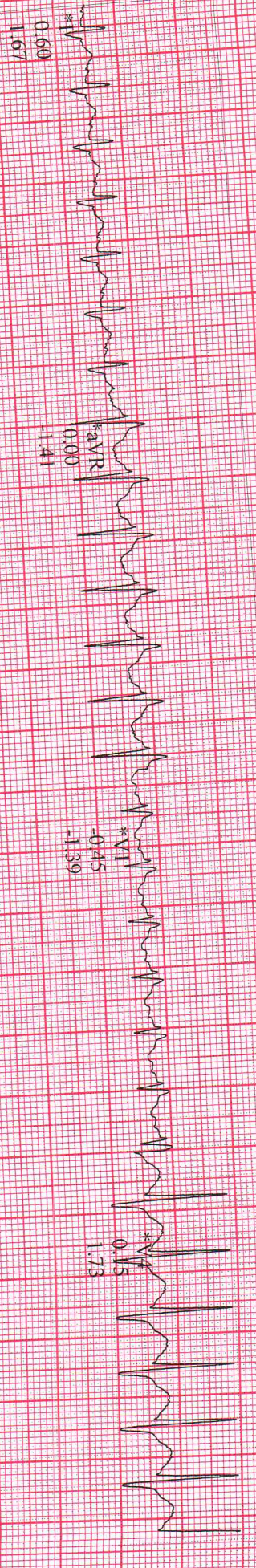
P. MR. BHUMAI AH  
Patient ID: 652503000245  
03/08/2025 Male 161 in 87 lbs  
51 yrs Indian  
1:32:20pm

164 bpm  
160/80 mmHg

EXERCISE  
STAGE 3  
07:31

BRUCE  
3.4 mph  
14.0 %

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



\*Computer Synthesized Rhythms

Start of Test: 1:18:01 pm

P, MR. BHUMAI AH

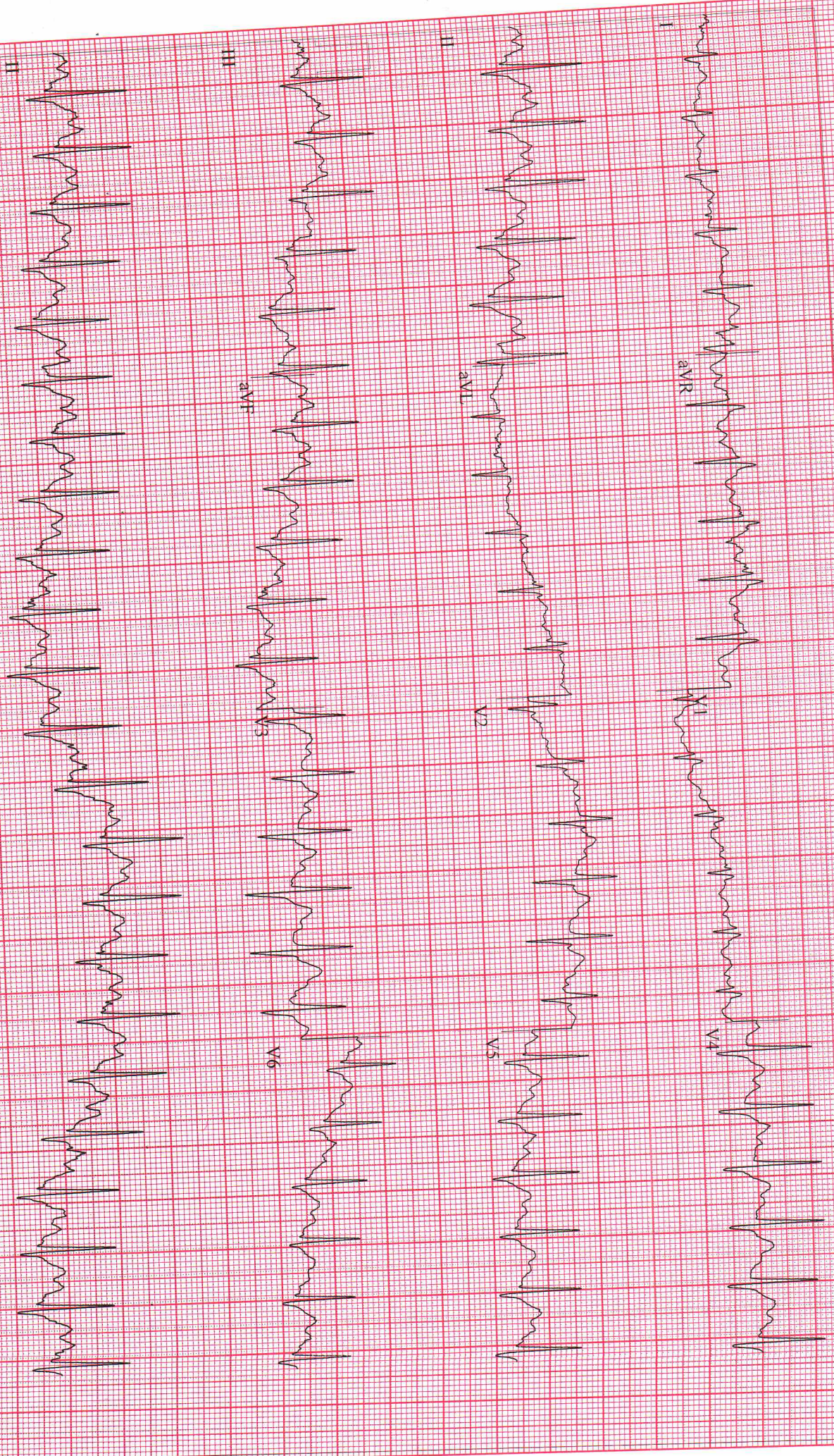
Patent ID: 652503000245  
03/08/2025  
1:33:15pm

Male 161 in 87 lbs  
51 yrs Indian

142 bpm  
150/80 mmHg

RECOVERY #1  
00:50

BRUCE 1.2 mph  
0.0%



GE CardioSoft V7.0 (10)  
25 mm/s 10 mm/mV 50 Hz 0.05-40 Hz FRT HR V4 V3  
www.ecgpapers.com PH: 044 28213745

Start of Test: 1:18:01 pm

P. MR. BHUMAIAH

Patient ID: 652508000245

03/08/2025 Male 161 in 87 lbs

1:34:16pm 51 yrs Indian

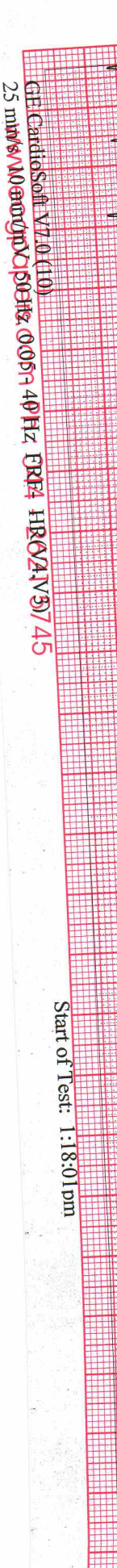
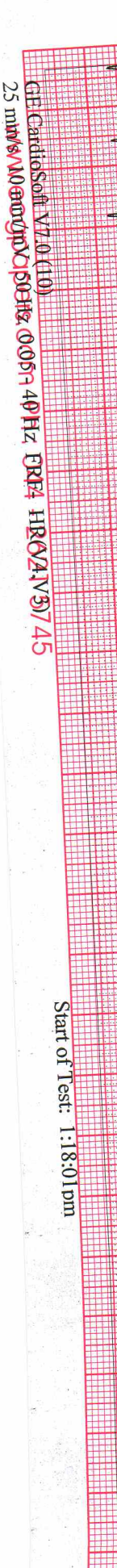
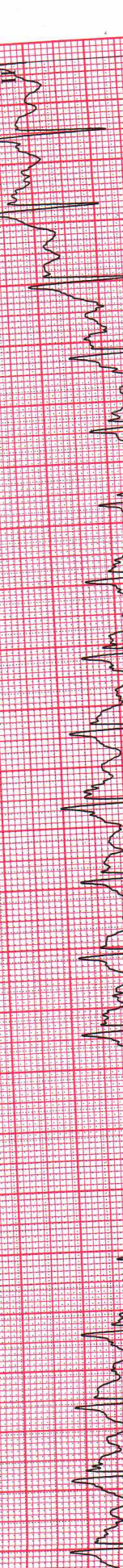
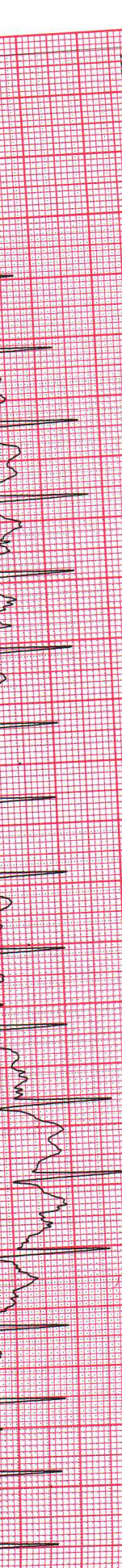
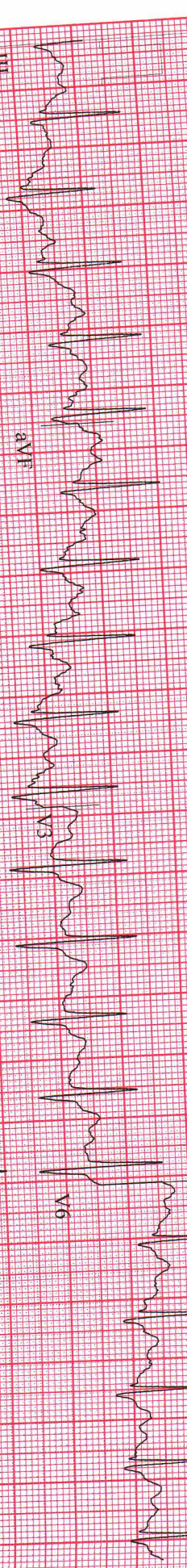
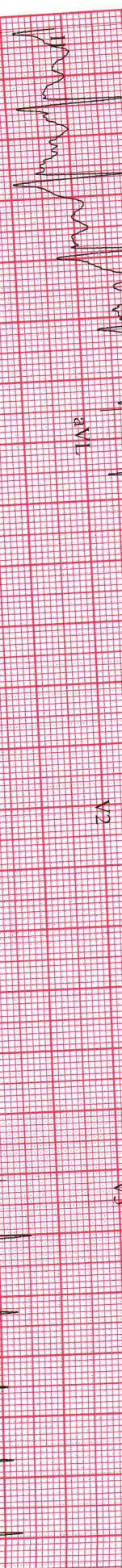
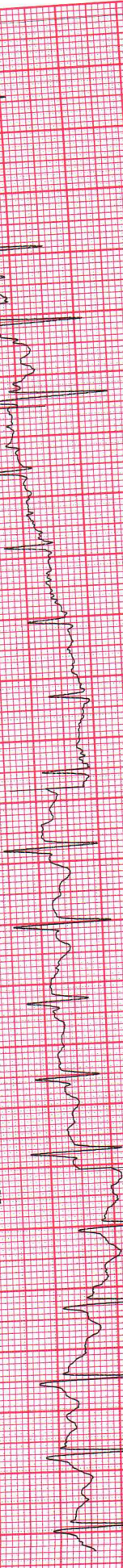
EXERCISE TEST

RECOVERY

123 bpm  
140/80 mmHg

#1  
01:50

BRUCE  
1.2 mph  
0.0%



GE CardioSoft V7.0 (1.0)  
25 mm/s 10 mm/mV V1 50Hz V2 50Hz V3 50Hz V4 50Hz V5 50Hz V6 50Hz

Start of Test: 1:18:01pm



P, MR. BHUMAIH

Patient ID: 652503000245

03/08/2025

1:35:15pm

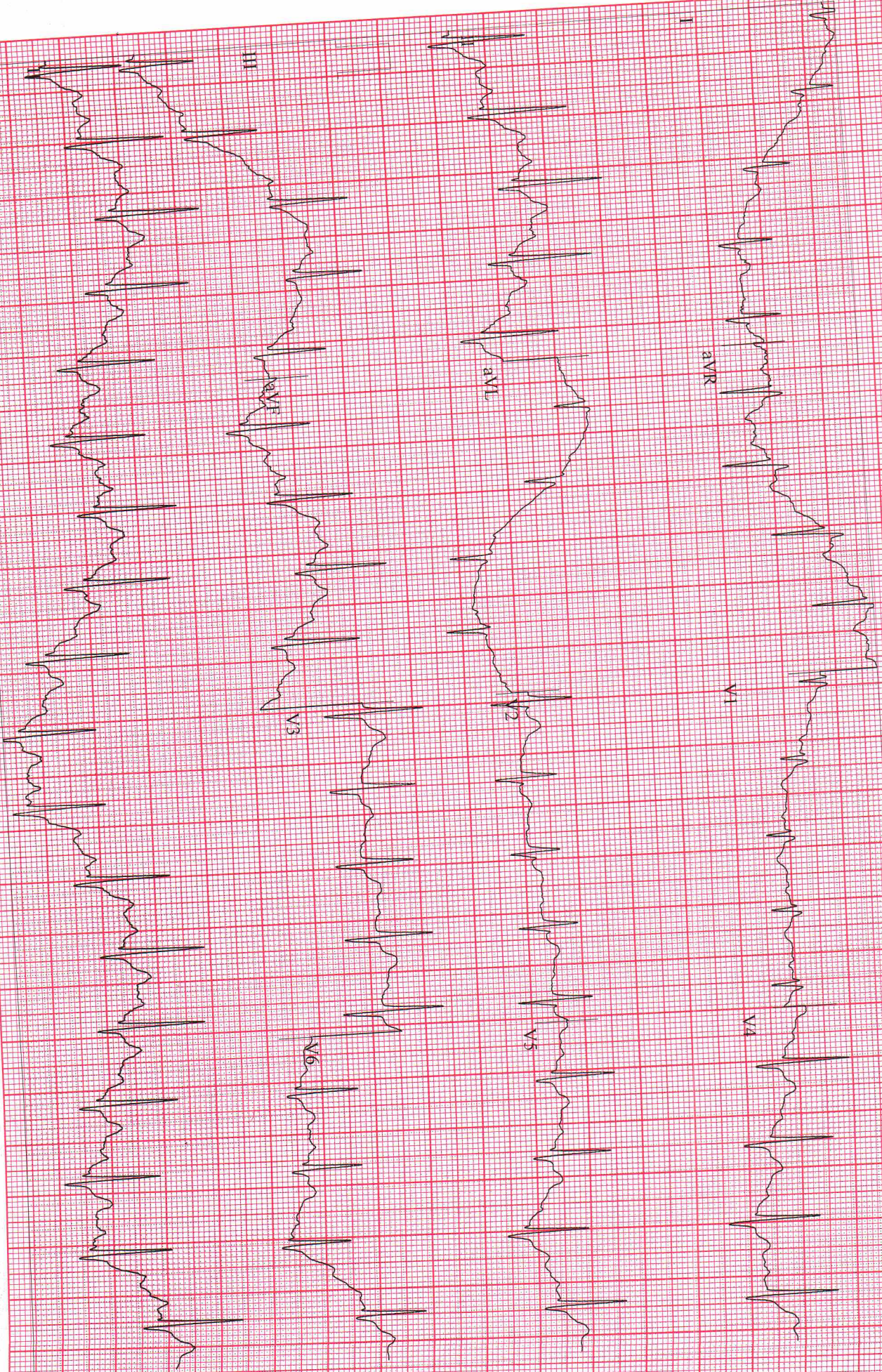
Male 161 in 87 lbs

51 yrs Indian

108 bpm  
130/80 mmHg

#1  
02:50

BRUCE  
0.0 mph  
0.0 %



GE CardioSoft V59 (10) S C003 - 40 Hz P4 - 2621 E745  
11 mm/mV 50 Hz

Start of Test: 1:18:01pm