



Name : MR. SATYANARAYANA K
Age /Sex : 52 Y / M
Ref. By : BANK OF BARODA (MW)

Reg. No : 023-1962
Registration Date : 12-11-2022
Alt ID : 8978013378

Investigation

Result

Normal Ranges

HAEMOGRAM

Investigation

Result

Normal Range

Haemoglobin	15.0 gm%	Male : 14.0 - 18.0 gm % Female : 11.5 - 16.0 gm % Children : 12 - 14 gm%
R B C mil/cmm	5.1 mil/cmm	Male : 4.5 - 6.5 mil/cmm Female : 4.0 - 5.5 mil/cmm
Packed Cell volume (PCV)	45 %	Male : 40 - 54 % Female : 36 - 49 %
MCV	83 Cubic microns	76 - 96 Cubic microns
MCH	27 Picograms	27- 32 Picograms
MCHC	31 gm%	30 - 36 gm%
WBC (Total)	7,000 cells/cmm	4,000 - 11,000 cells/cmm

DIFFERENTIAL COUNT

Neutrophils (Polymorphs)	61 %	Adults : 40 - 75 % Children : 36- 50 %
Lymphocytes	35 %	Adults : 20 - 40 % Children : 36- 50 %
Eosinophils	02 %	1 - 6 %
Monocytes	02 %	2 - 10 %
Basophils	00 %	00 - 01 %
Platelet count	2,81,000 cells/cmm	1,50,000 - 4,00,000 cells/cmm
ESR 1st Hour	06 mm/hour	Male : 0 - 10 mm / hour Female : 0 - 14 mm / hour
Reticulocyte count	1.0 %	0.5 - 1.0 %

PERIPHERAL SMEAR EXAMINATION

RBC's Morphology	Normocytic / Normochromic
WBC	With in normal limits
Plateletes	Adequate
Abnormal Cells	Nil

Method : Automated Cellcounter&Microscopy

Dr Rajani Gutta, PhD
Chief Biochemist

* End of Report *

Verified by


Dr S Ramadevi, MD
Consultant Pathologist



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Investigation	Result	Reference Range
Fasting Plasma Glucose * <i>Blood Sugar</i> Method GOD-POD	111 mg/dl	70 - 110 mg/dl
Post Prandial Glucose * <i>(Blood Sugar)</i> Method GOD-POD	179 mg/dl	70 - 160 mg/dl


Dr Rajini G, PhD
Chief Biochemist

* End of Report *


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Investigation

Result

Reference Range

Blood Urea *
Method GLDH

26 mg/dl

10 - 50 mg/dl

Blood Urea Nitrogen *
Calculated

12.1 mg/dl

6 - 25.5 mg/dl

Dr Rajini G, Phd
Chief Biochemist

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Investigation

Result

Reference Range

Serum Creatinine *
Method: Enzymatic


0.9 mg/dl

Male : 0.7 - 1.3
Female : 0.6 - 1.1
New Born 1 - 4 days : 0.3 - 1.0 m
Infant (upto 1year) : 0.2 - 0.4
Children : 0.3 - 0.7

Serum Uric Acid *
Method: Uricase POD


5.7 mg/dl

Male : 3.5 - 7.2 mg/dl
Female : 2.6 - 6.0 mg/dl


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Chief Biochemist

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Investigation

Result

Reference Range

Lipid Profile.

Total Cholesterol * Method CHOD-POD	179 mg/dL	Normal : < 200 mg/dL Borderline High : 200 - 239 mg/dL High : > 240 mg/dL
Serum Triglycerides * Method GPO - POD	60 mg/dL	Normal : < 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL Very High : =/> 500 mg/dL
H D L Cholesterol * Method Direct CHOD-PAD	56 mg/dL	Low : < 40 High : > 60
L D L Cholesterol * Method Calculated	111 mg/dL	Optimal : < 100 Borderline High : 130 - 159 High : 160 - 189 Very High : =/> 190
V L D L Cholesterol * Method Calculated	12 mg/dL	10 - 30 mg/dL
TC / HDL Cholesterol Ratio * Method Calculated	3.2 Ratio	3.0 - 5.0 Ratio
LDL / HDL Ratio * Method Calculated	1.98 Ratio	1.5 - 3.5 Ratio

* End of Report *

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Investigation

Result

Reference Range

Liver Function Tests

Total Bilirubin (Method: Walter &Gerarde)	0.66 mg/dl	0.3 - 1.2 mg/dl
Direct Bilirubin (Conjugated) (Method: Walter &Gerarde)	0.14 mg/dl	0.0 - 0.2 mg/dl
Indirect Bilirubin (Unconjugated)	0.52 mg/dl	
Alkaline Phosphatase (Method: GSOC)	68 U/L	Male : 53 - 128 U/L Female : 42 - 98 U/L Children : 54 - 369 U/L
SGPT (Method: IFCC)	15 IU/L	UP TO 55 IU/L
SGOT (Method: IFCC)	12 IU/L	UP TO 55 IU/L
Total Proteins (Method: Biuret)	6.8 gm/dl	6.0 - 8.3 gm/dl
Albumin (Method: BCG)	3.7 gm/dl	3.5 - 5.2 gm/dl
Globulin (Method: Calculated)	3.1 gm/dl	
A/G Ratio	1.19	
Gamma GT IFCC Method	20 U/L	Male : 10 - 50 U/L Female : 7 - 35 U/L
Lab Incharge		

* End of Report *

Dr Rajini G, PhD
Chief Biochemist

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Consultant Pathologist



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Investigation

Result

Reference Range

% HbA1c (Glycosylated Haemoglobin)
(Method: HPLC-NGSP Certified)

7.2 %


< 6.0 : Pre Diabetic
6-7 : Good Control
7-8 : Weak Control
> 8.0 : Poor Control

Intpretation :

HbA1c is an indicator of glycemic control. HbA1c represents average glycemia over the past six to eight weeks. Glycation of hemoglobin occurs over the entire 120 day life span of the red blood cell, but within this 120 days. Recent glycemia has the largest influence on the HbA1c value. Clinical studies suggest that a patient in stable control will have 50% of their HbA1c formed in the month before sampling, 25% in the month before that, and the remaining 25% in months two to four.


Mean Plasma Glucose mg. dl = (HbA1c x 35.6) - 77.3

Correlation between HbA1c and Mean Plasma Glucose (MPG) is not "perfect" but rather only .81 (1.0 would be a straight line, which has "perfect" correlation...) This means that to predict or estimate average glucose from Hb-A1c or vice-versa is not "perfect" but gives a good working ballpark estimate. Afternoon and evening results correlate more closely to HbA1c than morning results, perhaps because morning fasting glucose levels vary much more than daytime glucose levels, which are easier to predict and control.


Dr Rajini G, PhD
Chief Biochemist

* End of Report *


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Consultant Pathologist



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<u>Investigation</u>	<u>Result</u>	<u>Normal Ranges</u>
Trilodothyronine Total (TT3)	1.03 ng/mL	0.60 - 1.81 ng/mL
Thyroxine - Total (TT4)	11.1 mg/dL	3.5 - 12.6 mg/dL
Thyroid Stimulating Hormone(TSH) <i>Method: C.L.I.A</i>	7.18 μ IU/ml	0.35 - 5.50 μ IU/ml

Interpretation


Primary malfunction of the thyroid gland may result in excessive (hyper) or below normal (hypo) release of T3 or T4. In addition, as thyroid function is directly affected by TSH. Diagnostically, T3 concentration is more sensitive to certain thyroid conditions than T4. While T4 levels are a sensitive (and superior) indicator of hypothyroidism, T3 blood levels better define hyperthyroidism. Because T3 concentration in serum changes faster and more markedly than T4, the T3 level is also an excellent indicator of the ability of the thyroid to respond to both stimulatory and suppressive tests. Under conditions of strong thyroid stimulation, the T3 level offers a good.

It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.


Dr Rajani Gutha, PhD
Chief Biochemist

* End of Report *


Verified by


Dr.S Ramadevi, MD
Consultant Pathologist



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Investigation

Result

Complete Urine Examination

Investigation	Result
PHYSICAL EXAMINATION	
Colour	: Pale Yellow
Apperance	: Clear
Reaction	: Acidic
Specific Gravity	: 1.010
CHEMICAL EXAMINATION	
Albumin	: Nil
Glucose	: Nil
MICROSCOPIC EXAMINATION	
Pus Cells	: 1 - 2 /HPF
Epithelial Cells	: 2 - 3 /HPF
RBC	: Nil /HPF
Crystals	: Nil
Casts	: Nil
Bacteria	: Nil
Others	: Nil

Dr Rajani Guthia
Chief Biochemist

* End of report *

Verified by

Dr RS Ramadevi, MD
Consultant Pathologist



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X-RAY CHEST PA VIEW

- Hilar regions are normal.
- Both C P angles are free.
- Domes of diaphragms are normal.
- Bony cage is normal
- Cardio thoracic ratio is normal.
- Lung - clear. No Evidence of any Signs of active Tuberculosis

IMPRESSION :

***** NORMAL STUDY***

Dr Ravi Krishna
Consultant Radiologist




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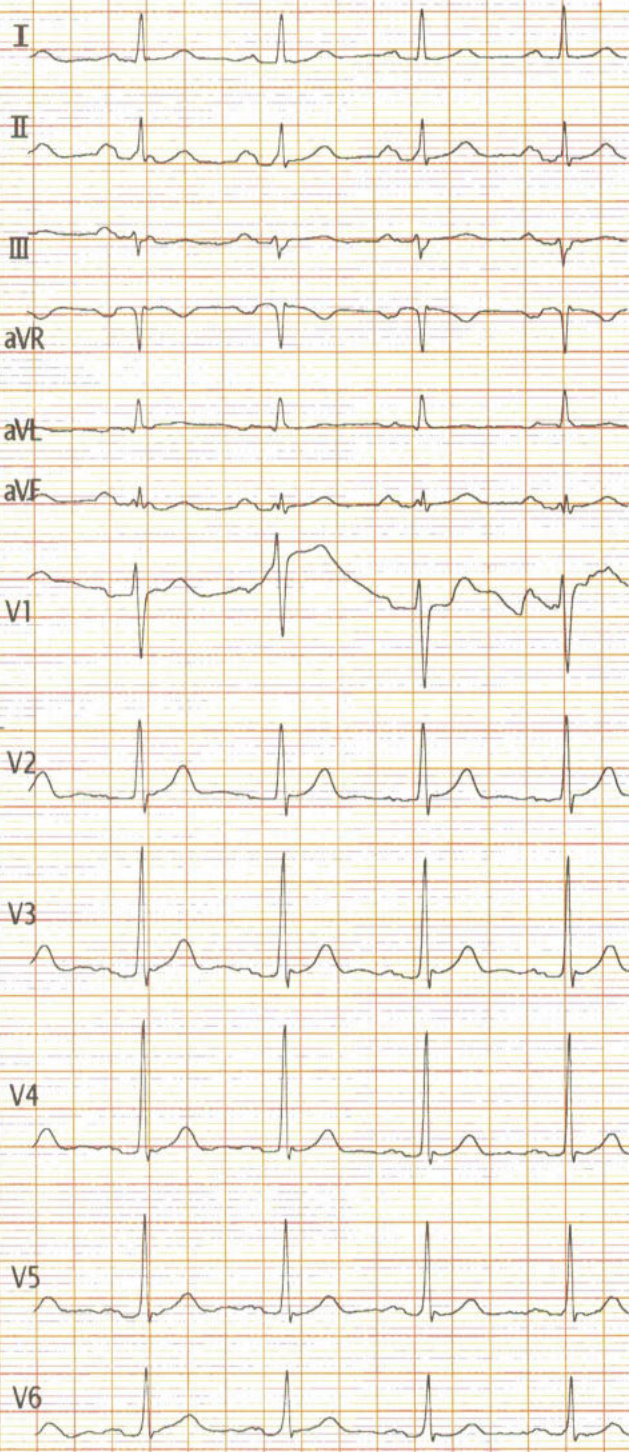
Ultrasound Scan Abdomen

- Liver** *Increased in Size (161 mm), Shape, contour normal with increased echotexture. No localized or diffused mass lesions are seen. Intrahepatic vascular system, Portal vein, C.B.D and buliary radicals are normal.*
- Gall Bladder** *Partially distended. Shape and wall thickness are normal. No calculus or no mass lesions are seen.*
- Spleen** *Size : 93 mm, Shape and echotexture normal, No abnormal calcifications seen.*
- Pancreas** *Head, body and tail echotexture are normal. Pancreatic duct normal. No mass or cystic lesions seen. No calcifications are seen.*
- Kidneys** *Right kidney Measures : 90 x 43 mm
E/O Calculus noted in the midpole measuring ~ 3.2 mm*
*Left kidney Measures : 93 x 55 mm
Peri renal areas normal, Renal capsule normal, Cortical thickness, Cortical echopattern and corticomedullary differentiation are normal. Pelvicalyceal system normal. No mass lesions are seen.*
- Urinary Bladder** *Well distended, Normal wall thickness. No evidence of calculi. No focal lesions.*
- Prostate** *E/O Echogenic foci noted witihin measuring ~ 11 mm
Size, Echotexture normal. No calcification seen. Volume - 22 cc,*
- Others** *Aorta and IVC are normal. No lymphadenopathy. No ascitis.*
- Impression** *- Mild Hepatomegaly with grade I fatty liver
- Right Tlny renal calculus.
- ? Prostatic calcification.*
- Adv Correlate Clinically


Dr. Md Azam
Radiologist

10mm/mV

TO BE CORRELATED CLINICALLY



Vent. Rate(BPM) : 80
 PR Int.(ms) : 197
 P/QRS/T Int.(ms) : 154 95 177
 QT/QTc Int.(ms) : 363 422
 P/QRS/T Axis(Deg.) : 61 15 43
 RV1/SV5 Amp.(mV) : 0.42 0.08
 RV5/SV1 Amp.(mV) : 1.23 0.93


<ECG Analysis Result>:
 800 Normal Sinus Rhythm
 122 Counter Clockwise Rotation
 213 Mild Left Axis Deviation
 *** Normal ECG ***

N>R
 H.

V2.35 Technician :

Dr. V. HARIRAM
 MD,DM(Card)
HARI'S HEART CENTRE
 1st Floor, MIG-321, 4th Road,
 KPHB, Hyderabad-72. Ph.: 9866253911

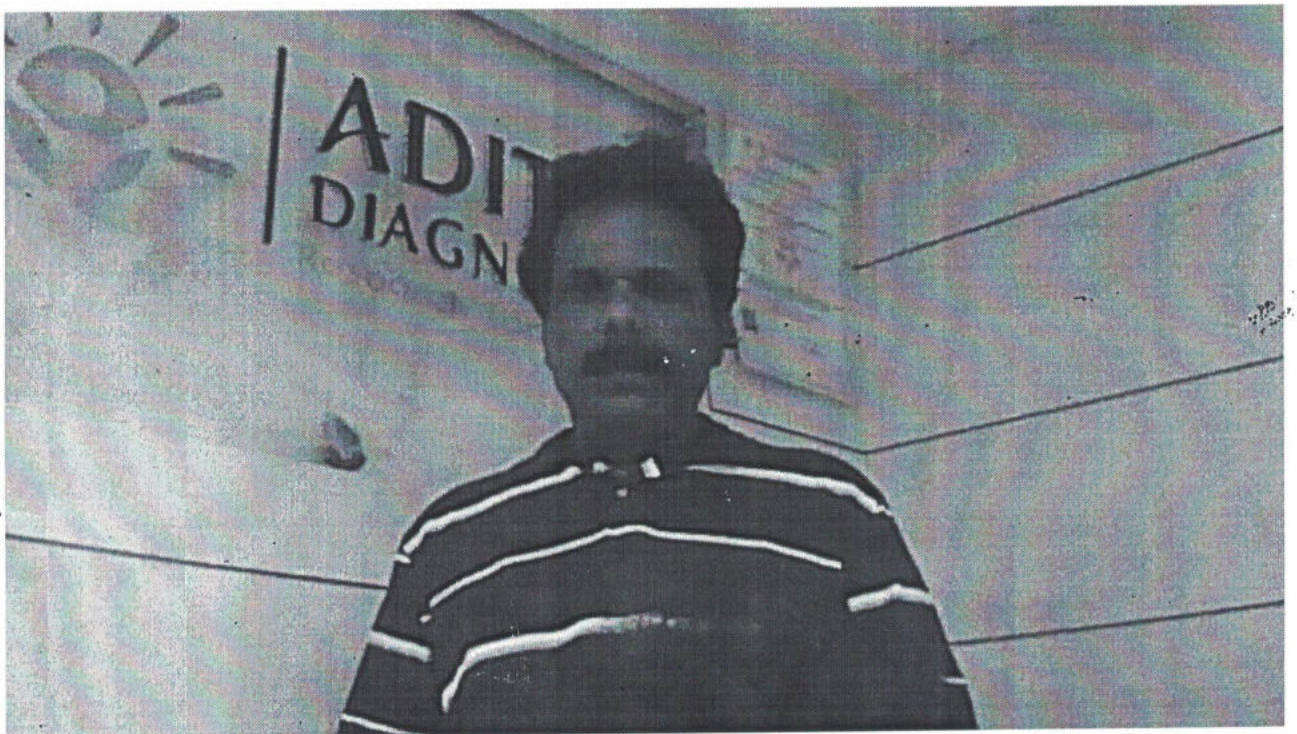
ST LEVEL(mV)					
I	II	III	aVR	aVL	aVF
+0.00	+0.03	+0.04	-0.01	-0.01	+0.04
V1	V2	V3	V4	V5	V6
+0.09	+0.05	+0.05	+0.03	+0.02	+0.01

023-1962 M/52 Y
 MR. SATYANARAYANAK

 Aditya Diagnostics 12-11-2022

> 888888890748 M -Y / cm/Kg

25mm/s AC50 EMG ADS 12-11-2022 11:08:50

Care



Medication : YES

Ref By : BANK OF BARODA

Objective :

History :

Stage	Stage Time (Min:Sec)	Phase Time (Min:Sec)	Speed (mph)	Grade (%)	METS	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	106	110/70	116	-	
Standing					1.0	105	110/70	115	-	
HV					1.0	107	110/70	117	-	
ExStart					1.0	107	110/70	117	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	119	120/70	142	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	130	120/80	156	-	
PeakEx	2:03	8:04	3.4	14.0	9.2	148	120/80	177	-	
Recovery	1:00		0.0	0.0	1.2	129	120/80	154	-	
Recovery	2:00		0.0	0.0	1.0	121	120/70	145	-	
Recovery	3:00		0.0	0.0	1.0	121	110/70	133	-	
Recovery	3:03		0.0	0.0	1.0	118	110/70	129	-	

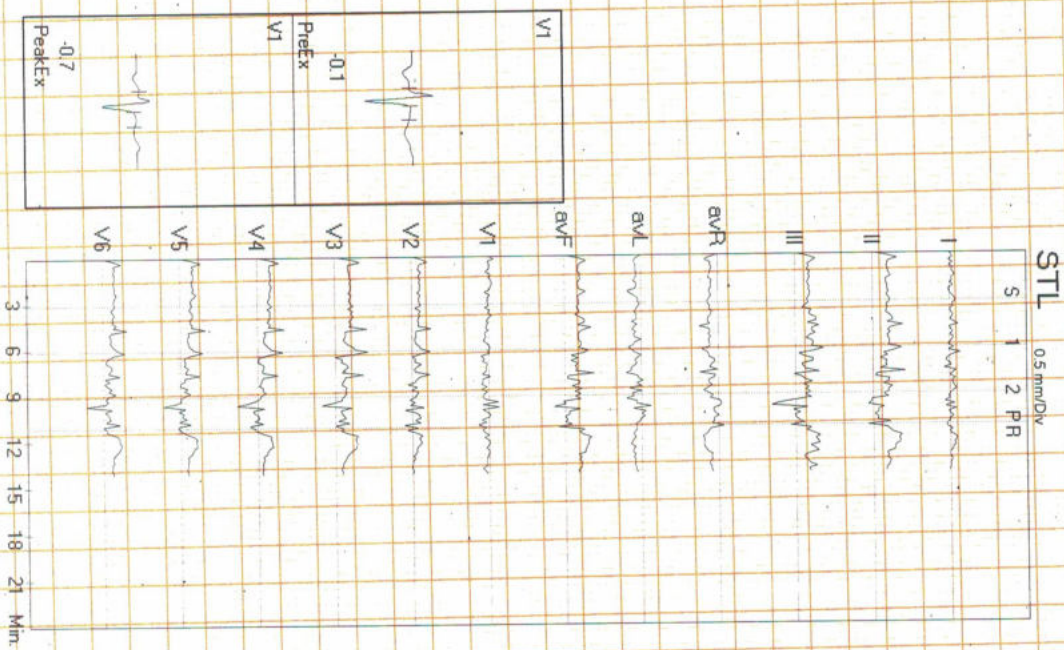
Findings :

Exercise Time : 08:04
 Max HR Attained : 148 bpm 88% of Target 168
 Max BP : 120/80(mmHg)
 Max WorkLoad attained : 9.2(Good Effort Tolerance)

TMTIS Negative FOR
 INDUCIBLE ISCHEMIA

Advice/Comments:

Dr. V. P. ...
 ...
 ...



52 Yrs / Male
80 Kg / 171 Cm/
Date: 12-Nov-2022 11:54:44 AM

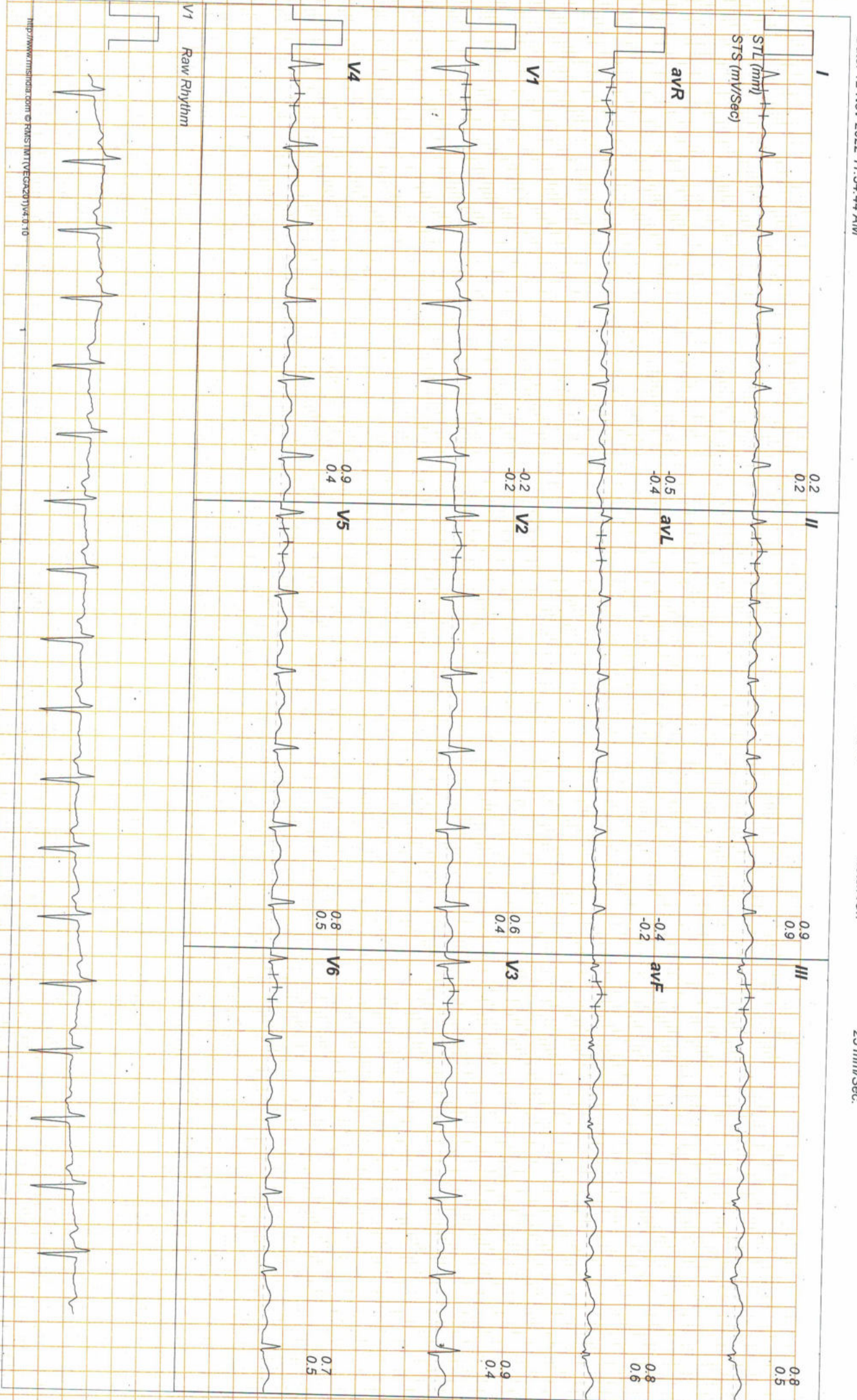
METS: 1.0
BP: 110/70

IGT HR: 63% of 168
Speed: 11.0 mph,
Grade: 0.0%

(0.05-100)Hz

Ex Time 01:01
BLC: On
Notch: On

SUPINE
1.0 Cm/mV
25 mm/Sec.



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225 / K. SATYANARAYANA
52 Yrs / Male
80 Kg / 171 Cm/
Date: 12-Nov-2022 11:54:44 AM

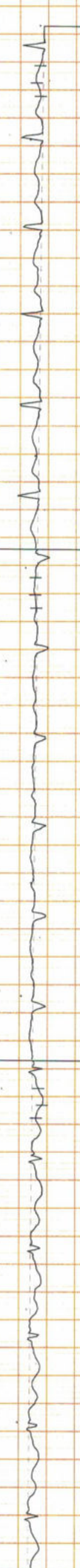
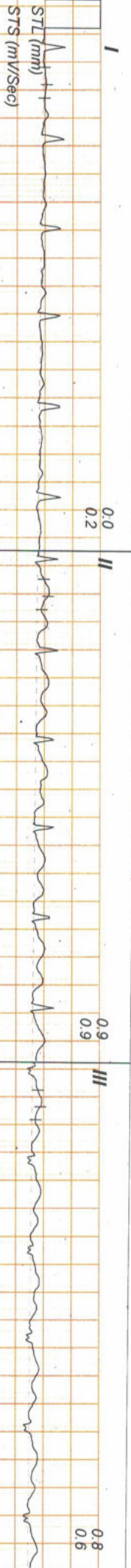
HR: 106 bpm
METs: 1.0
BP: 110/70

Tgt HR: 63% of 168
Speed: 11.0 mph,
Grade: 0.0%

(0.05-100)Hz

Ex Time 02:00
BLC: On
Notch: On

STANDING
1.0 Cm/mV
25 mm/Sec.



Raw Rhythm
V1
http://www.mmsindia.com © RMSI™ V1 (E6A20) V4.0.10
2

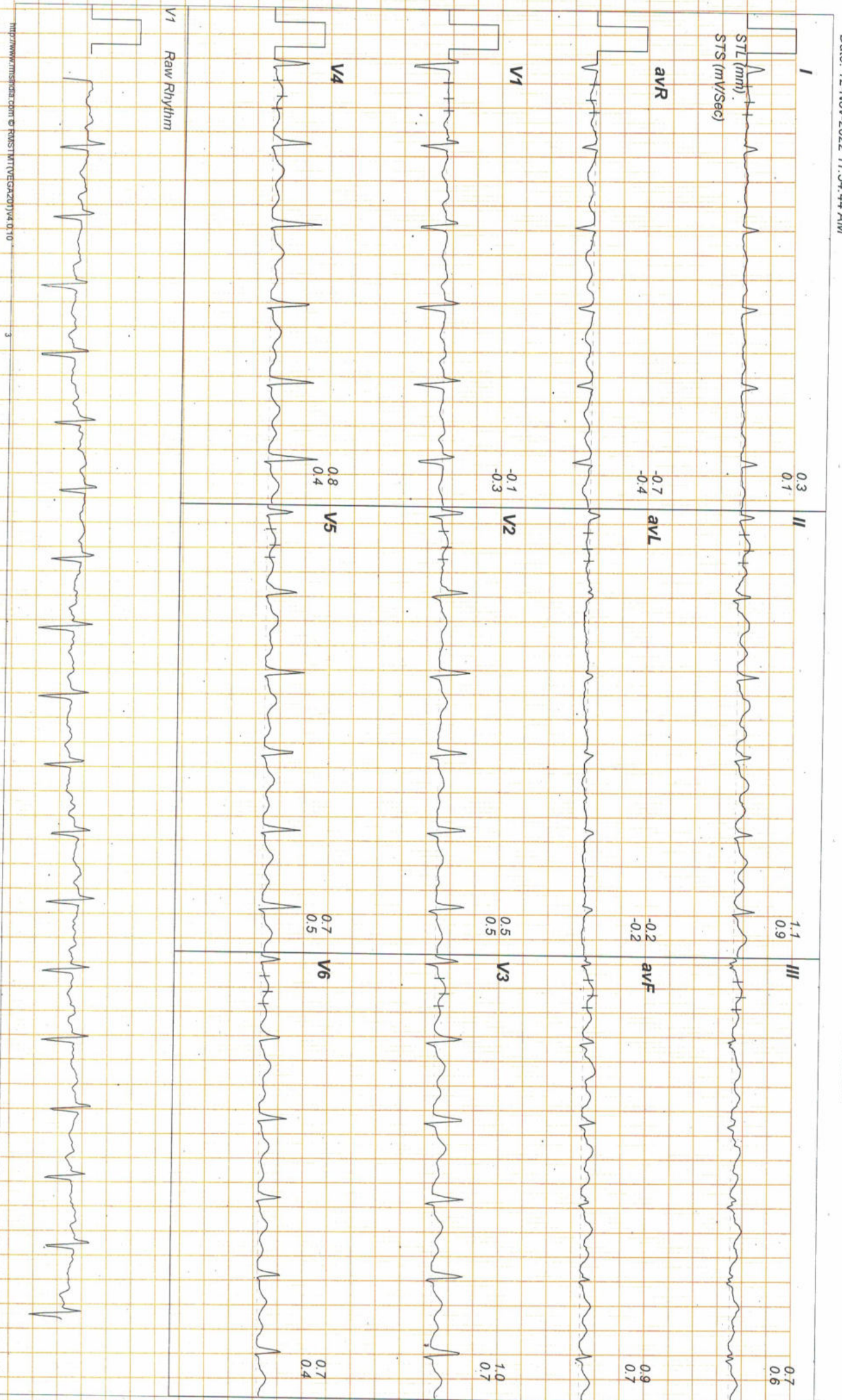
52 Yrs / Male
80 Kg / 171 Cm/
Date: 12-Nov-2022 11:54:44 AM

METS: 1.0
BP: 110/70
Speed: 11.0 mph,
Grade: 0.0%

(0.05-100)Hz

Ex Time 03:01
BLC : On
Notch : On

HV
1.0 Cm/mV
25 mm/Sec.



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3

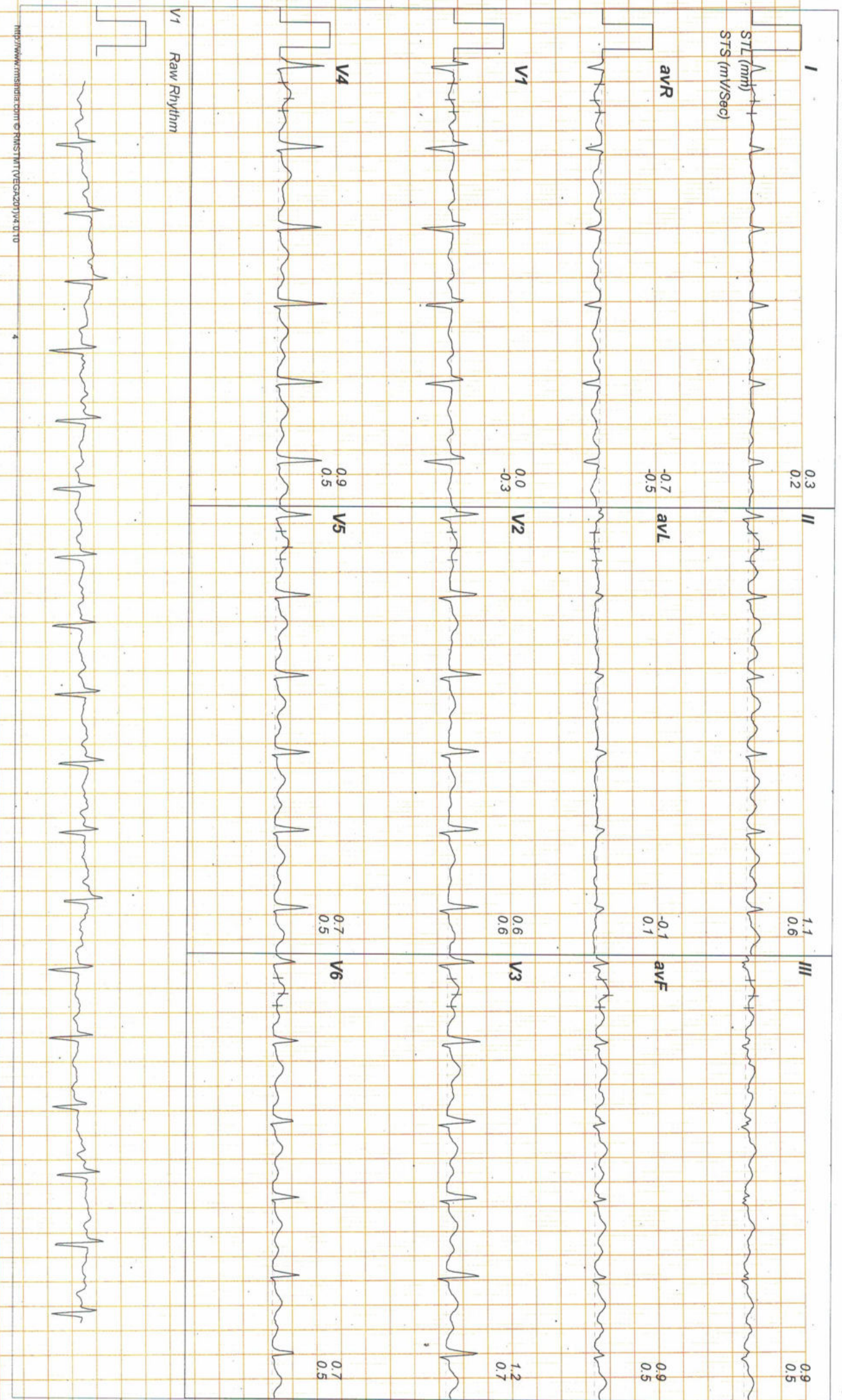
52 Yrs / Male
80 Kg / 171 Cm/
Date: 12-Nov-2022 11:54:44 AM

METS: 1.0
BP: 110/70
Speed: 11.0 mph,
Grade: 10.0%

(0.05-100)Hz

BLC: On
Notch: On

1.0 Cm/mV
25 mm/Sec.



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52 YRS / Male
80 Kg / 171 Cm/
Date: 12-Nov-2022 11:54:44 AM

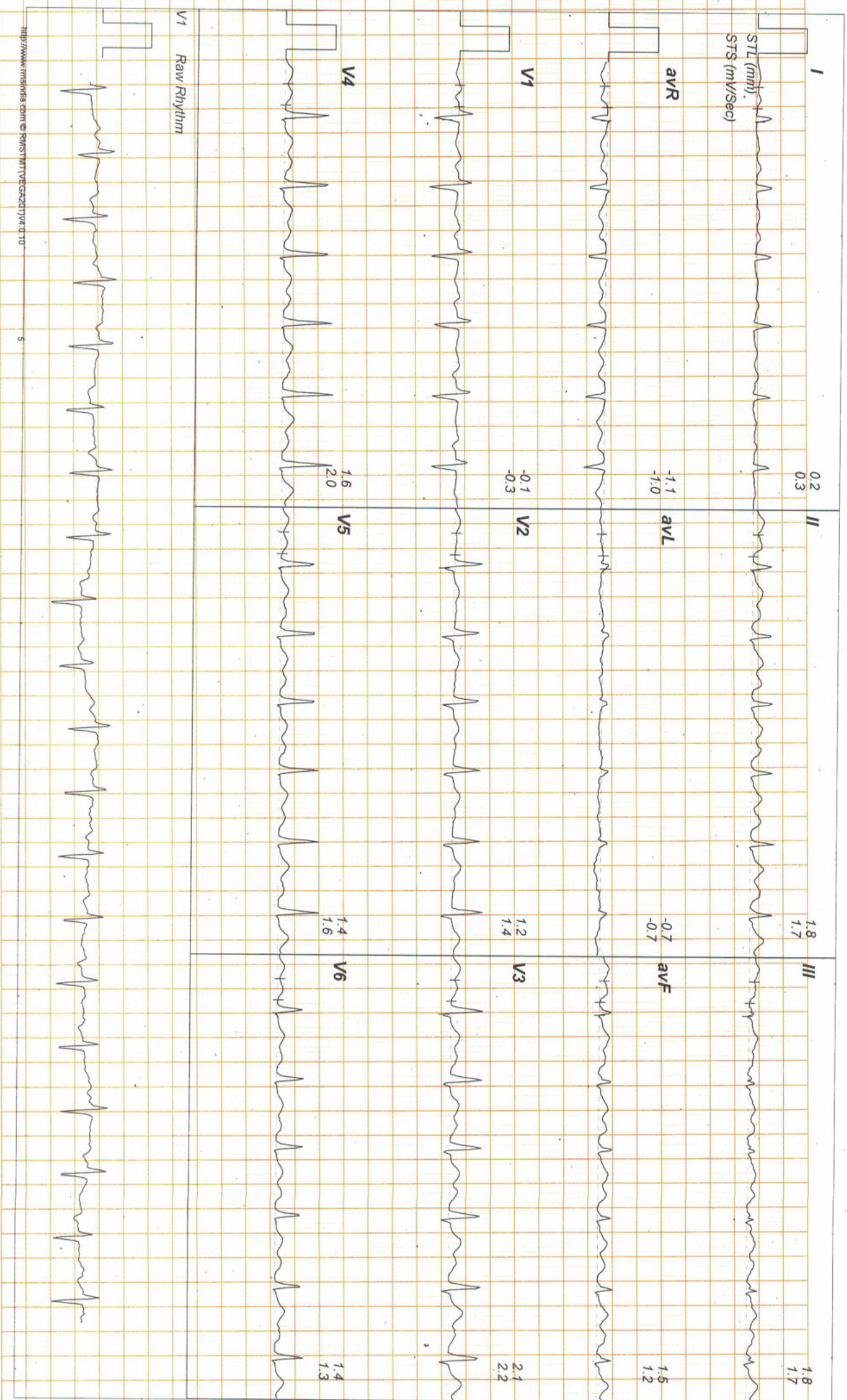
METS: 4.7
BP: 120/70

Speed: 17.0 mph,
Grade: 10.0%

(0.05-100)Hz

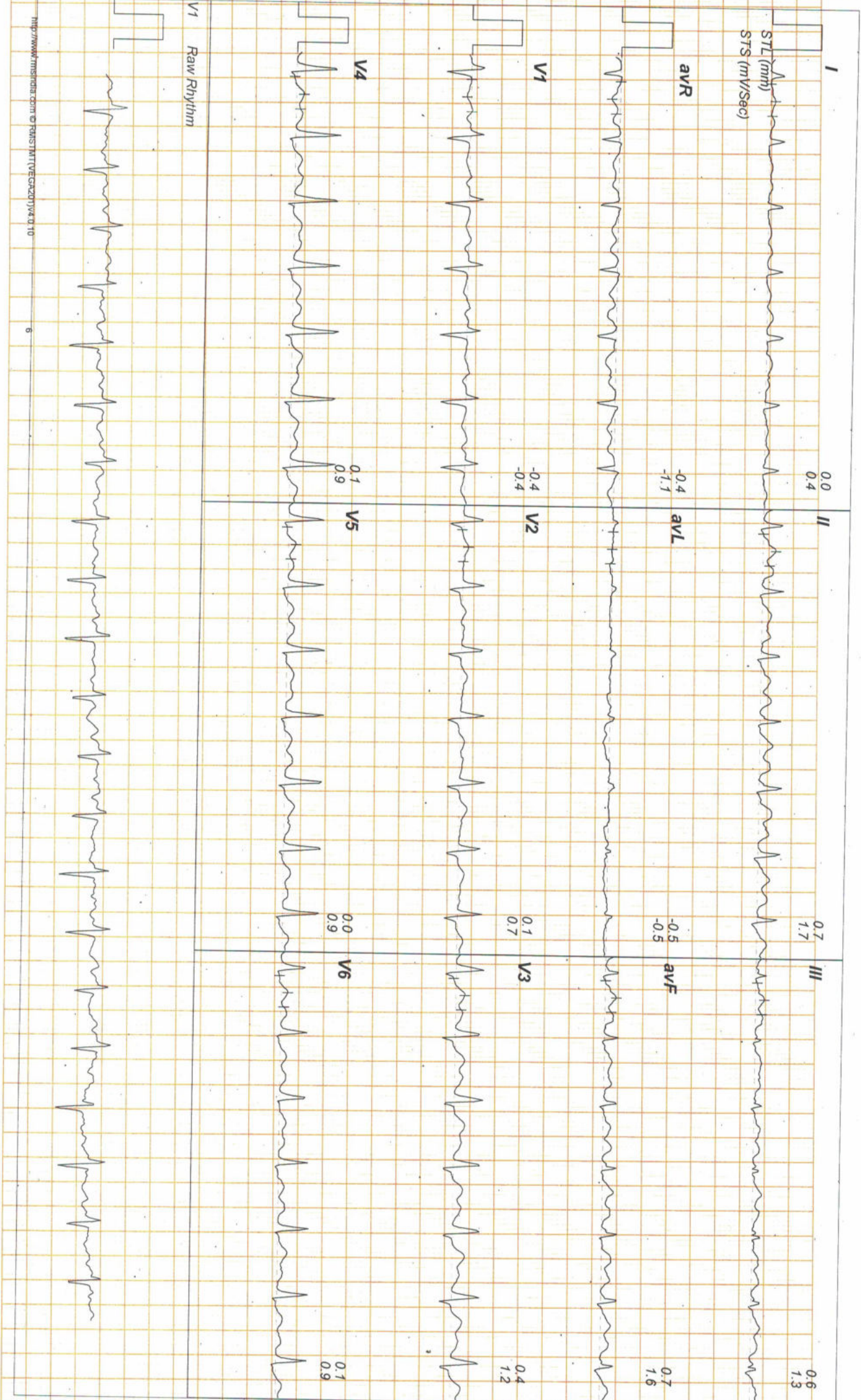
BLC: On
Notch: On

1.0 Cm/mV
25 mm/Sec.



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5



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6

80 Kg / 171 Cm/
Date: 12-Nov-2022 11:54:44 AM

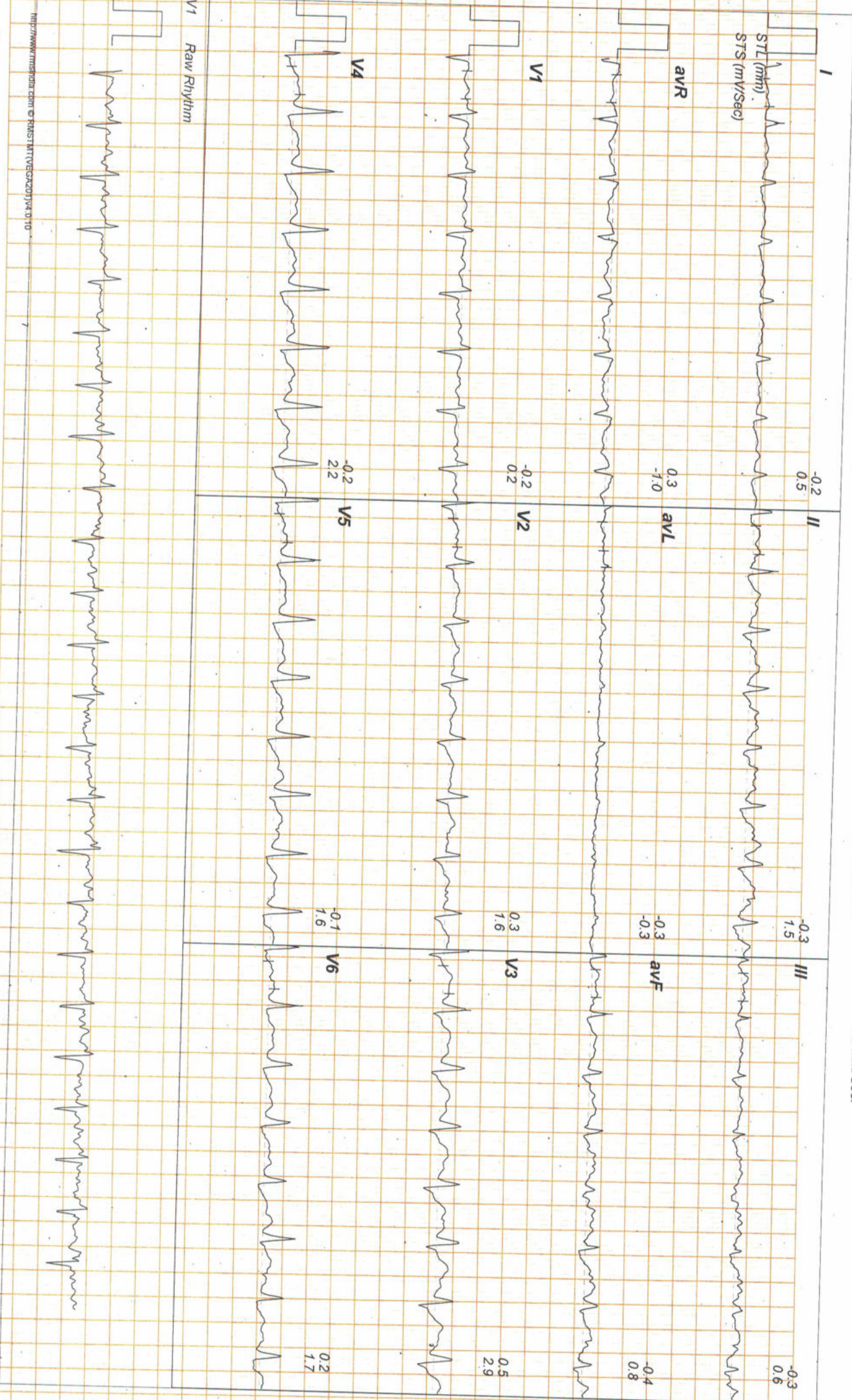
METS: 9.2
BP: 120/80

Speed: 34.0 mph,
Grade: 14.0%

(0.05-100)Hz

EX Time: 08:03
BLC: On
Notch: On

PeakEx:
1.0 Cm/mV
25 mm/Sec.



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225 / K. SATYANARAYANA
52 Yrs / Male
80 Kg / 171 Cm/
Date: 12-Nov-2022 11:54:44 AM

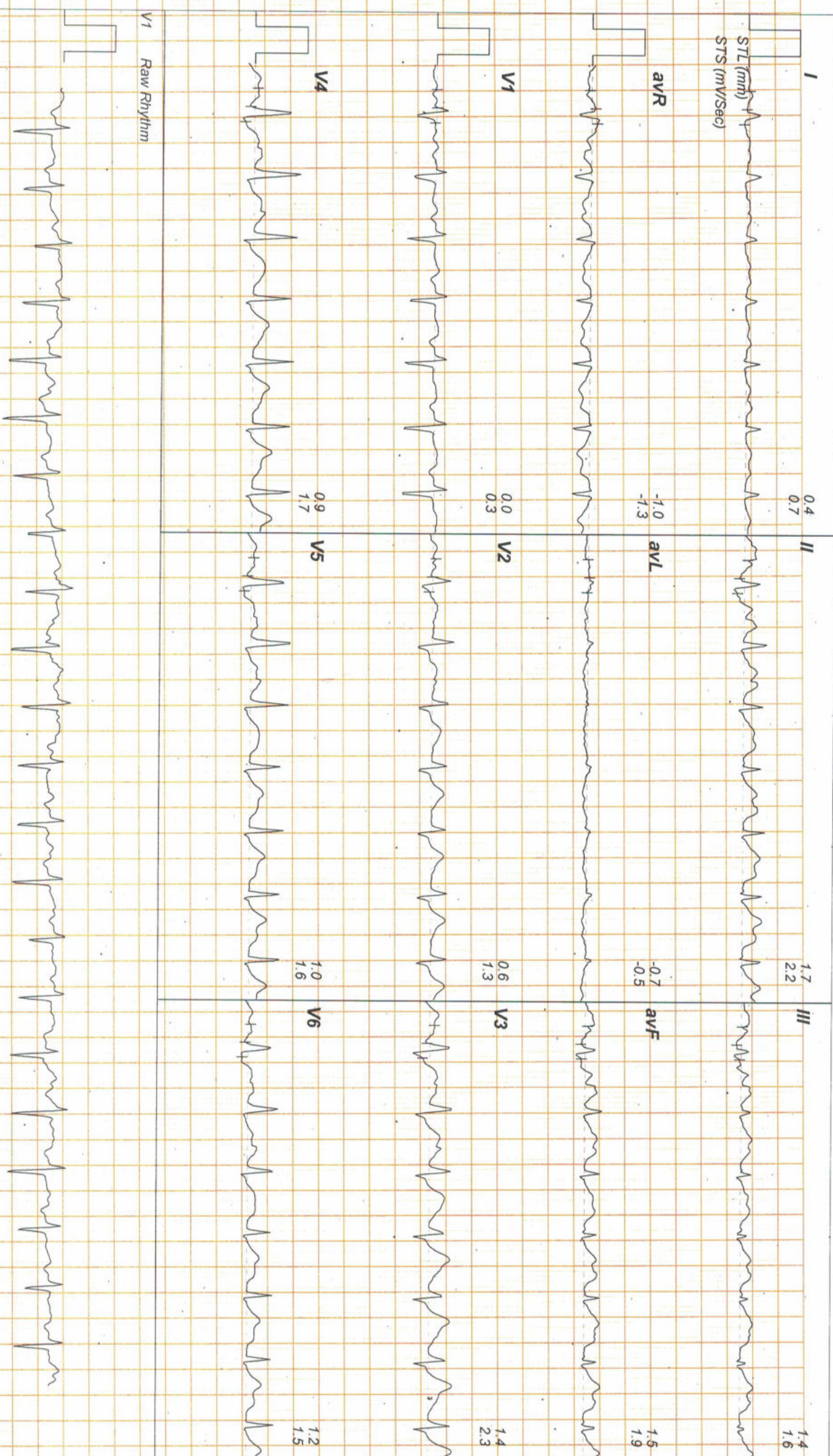
HR: 129 bpm
METS: 1.1
BP: 120/80

Tgt HR: 76% of 168
Speed: 0.0 mph,
Grade: 0.0%

(0.05-100)Hz

Ex Time 08:03
BLC: On
Notch: On

Recovery : (00:59)
1.0 Cm/mV
25 mm/Sec.



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52 Yrs / Male
80 Kg / 171 Cm/
Date: 12-Nov-2022 11:54:44 AM

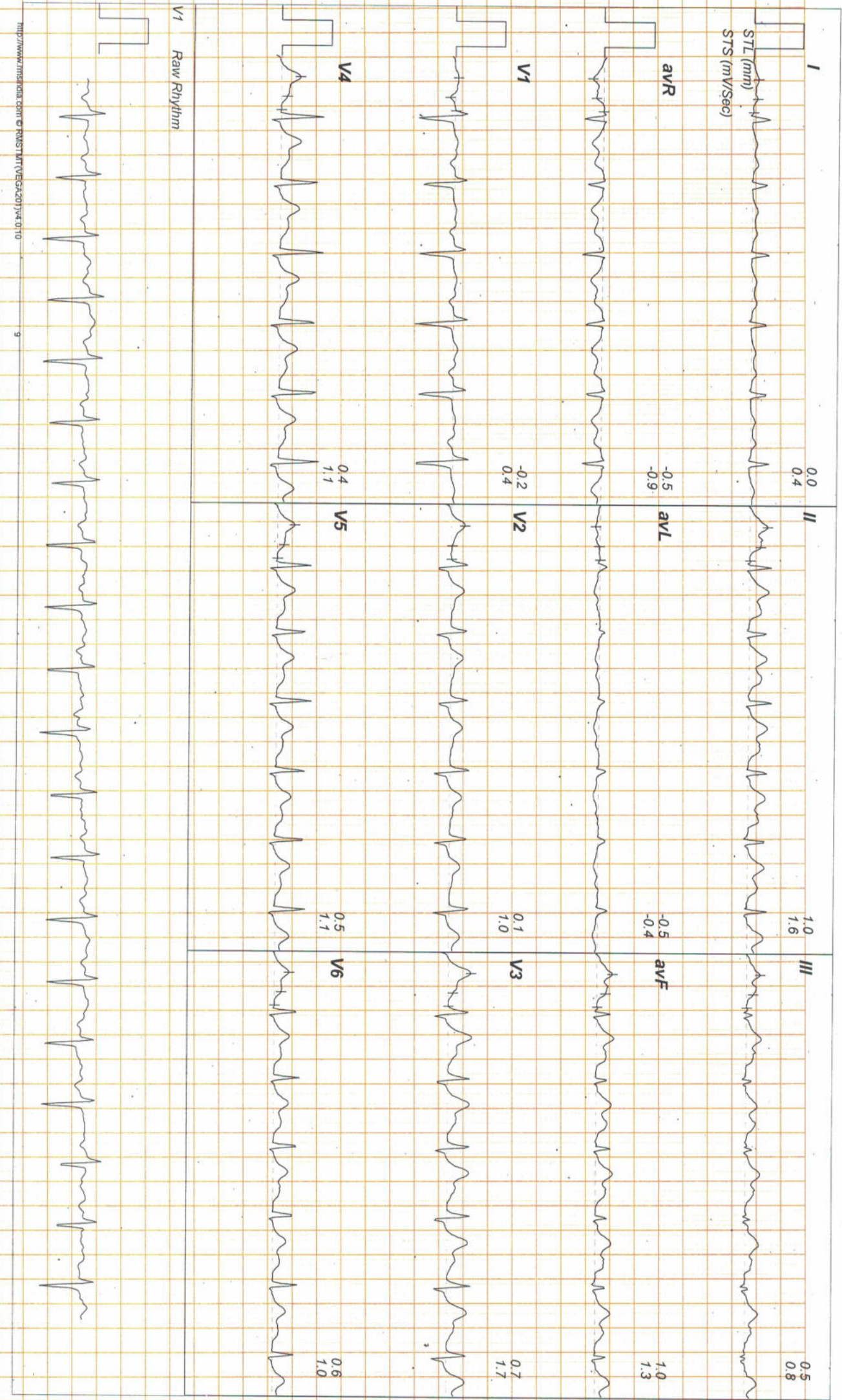
METS: 1.0
BP: 120/70

Speed: 0.0 mph,
Grade: 0.0%

(0.05-100)Hz

BLC: On,
Notch: On

1.0 Cm/mV
25 mm/Sec.



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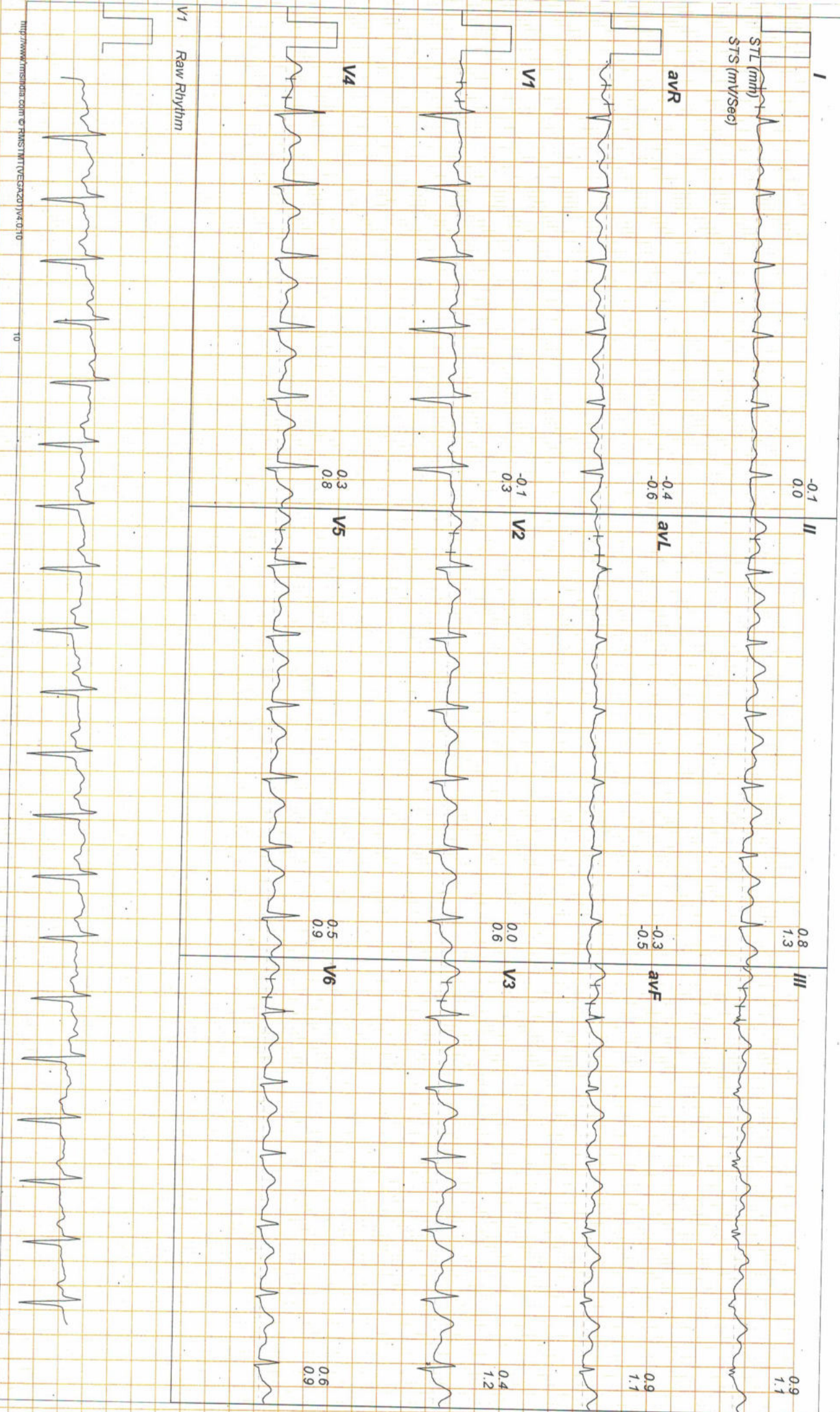
32 YRS / Male
80 Kg / 171 Cm/
Date: 12-Nov-2022 11:54:44 AM

METS: 1.0
BP: 110/70
Speed: 0.0 mph,
Grade: 0.0%

(0.05-100)Hz

LA Time 00:03
BLC: On
Notch: On

Recovery: (02:59)
1.0 Cm/mV
25 mm/Sec.



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