



Name : MRS. RAVALI MARTHA
 Age /Sex : 30 Y / F
 Ref. By : BANK OF BARODA (MW)

Reg. No : 022-2098
 Registration Date : 12-12-2021
 Alt ID :

MEDICAL CHECK UP FORM

Physical Examination :

Height (Cms): 156 Weight (KG) 55
 Body Mass Index (BMI) :
 Pulse Rate : 77 /Min Regular / Abnormal
 B P : 110/70
 Skin : Normal
 Nails : Normal
 Oral Hygienic : Normal

Personal History

Smoking : Yes / No ✓
 Alcoholism : Yes / No ✓
 Diabetes : Yes / No ✓
 Hypertension : Yes / No ✓
 Allergy : Yes / No ✓
 Accidents if any No.
 Surgeries if any C-Section in 2016 & 2020

Complaints if any : _____
 Family History : _____

Systemic Examination - Abnormality - If Yes Please explain)

* CVS - Yes / No ✓
 * CNS - Yes / No ✓
 * GI Tract - Yes / No ✓
 * Abdomen - Yes / No ✓
 Respiratory Tract - Yes / No ✓

Investigations : (N = Normal; R - See Report)

E N T EXAMINATION

Normal

Any abnormality _____

Diagnosis (if any) _____

Recommendations / Impression :

PHYSICIAN SIGNATURE & STAMP

[Handwritten Signature]



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VISUAL ACUITY

	Right Eye	Left Eye
Distant Vision Without Glasses	6/6	6/6
With Glasses	—	—
Near Vision Without Glasses	2/6	2/6
With Glasses	—	—
Colour Vision Opinion / Advise	normal	—

Optician



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Investigation

Result

Normal Ranges

HAEMOGRAM

Investigation

Result

Normal Range

Haemoglobin	10.9 gm%	Male : 14.0 - 18.0 gm % Female : 11.5 - 16.0 gm % Children : 12 - 14 gm%
R B C mil/cmm	3.6 mil/cmm	Male : 4.5 - 6.5 mil/cmm Female : 4.0 - 5.5 mil/cmm
Packed Cell volume (PCV)	32 %	Male : 40 - 54 % Female : 36 - 49 %
MCV	69 Cubic microns	76 - 96 Cubic microns
MCH	24 Picograms	27- 32 Picograms
MCHC	34 gm%	30 - 36 gm%
WBC (Total)	5,400 cells/cmm	4,000 - 11,000 cells/cmm

DIFFERENTIAL COUNT

Neutrophils (Polymorphs)	70 %	Adults : 40 - 75 % Children : 36- 50 %
Lymphocytes	25 %	Adults : 20 - 40 % Children : 36- 50 %
Eosinophils	03 %	1 - 6 %
Monocytes	02 %	2 - 10 %
Basophils	00 %	00 - 01 %
Platelet count	3,31,000 cells/cmm	1,50,000 - 4,00,000 cells/cmm
ESR 1st Hour	07 mm/hour	Male : 0 - 10 mm / hour Female : 0 - 14 mm / hour
Reticulocyte count	0.8 %	0.5 - 1.0 %

PERIPHERAL SMEAR EXAMINATION

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

Method : Automated Cellcounter&Microscopy

Dr Rajani Gutta, PhD
Chief Biochemist

Verified By

Dr K. Mahesh Kumar MD
Consultant Pathologist



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Department of Biochemistry

Investigation

Result

Reference Range

Fasting Plasma Glucose *
Blood Sugar
Method GOD-POD

70 mg/dl

70 - 110 mg/dl

Post Prandial Glucose *
(Blood Sugar)
Method GOD-POD

97 mg/dl

70 - 160 mg/dl

*End of Report *

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Investigation	Result	Reference Range
Blood Urea * Method GLDH	13 mg/dl	10 - 50 mg/dl
Blood Urea Nitrogen * Calculated	6.0 mg/dl	6 - 25.5 mg/dl
Serum Creatinine * Method Enzymatic	0.5 mg/dl	Male : 0.7 - 1.3 mg/dl Female : 0.6 - 1.1 mg/dl New Born 1 - 4 days : 0.3 - 1.0 mg/dl Infant (upto 1year) : 0.2 - 0.4 mg/dl Children : 0.3 - 0.7 mg/dl
Serum Uric Acid * Method:Uricase POD	3.8 mg/dl	Male : 3.5 - 7.2 mg/dl Female : 2.6 - 6.0 mg/dl

*End of Report *

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Investigation	Result	Reference Range
Liver Function Tests		
Total Bilirubin (Method: Walter &Gerarde)	1.04 mg/dl	0.3 - 1.2 mg/dl
Direct Bilirubin (Conjugated) (Method: Walter &Gerarde)	0.52 mg/dl	0.0 - 0.2 mg/dl
Indirect Bilirubin (Unconjugated)	0.52 mg/dl	
Alkaline Phosphatase (Method: GSCC)	96 U/L	Male : 53 - 128 U/L Female : 42 - 98 U/L Children : 54 - 369 U/L
S G P T (Method: IFCC)	12 IU/L	UP TO 55 IU/L
S G O T (Method: IFCC)	20 IU/L	UP TO 55 IU/L
Total Proteins (Method: Biuret)	7.4 gm/dl	6.0 - 8.3 gm/dl
Albumin (Method: BCG)	4.2 gm/dl	3.5 - 5.2 gm/dl
Globulin (Method: Calculated)	3.2 gm/dl	
A/G Ratio	1.31	
Gamma GT IFCC Method	15 U/L	Male : 10 - 50 U/L Female : 7 - 35 U/L
Lab Incharge		

*End of Report *

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Investigation	Result	Reference Range
% HbA1c (Glycosylated Haemoglobin) <i>(Method: HPLC-NGSP Certified)</i>	5.8 %	< 6.0 : Pre Diabetic 6-7 : Good Control 7-8 : Weak Control > 8.0 : Poor Control

Intrepretation :

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 with in 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.

*End of Report *

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<u>Investigation</u>	<u>Result</u>	<u>Normal Ranges</u>
Trilodothyronine Total (TT3)	1.01 ng/mL	0.60 - 1.81 ng/mL
Thyroxine - Total (TT4)	11.21 mg/dL	3.5 - 12.6 mg/dL
Thyroid Stimulating Hormone(TSH) Method: C.L.I.A	1.52 μ IU/ml	0.35 - 5.50 μ IU/ml

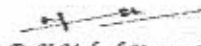
Interpretation

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.


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Investigation

Result

Complete Urine Examination

Investigation

Result

PHYSICAL EXAMINATION

Colour : Pale Yellow
Apperance : Clear
Reaction : Acidic
Specific Gravity : 1.020

CHEMICAL EXAMINATION

Albumin : Nil
Glucose : Nil

MICROSCOPIC EXAMINATION

Pus Cells : 1 - 2 /HPF
Epithelial Cells : 1 - 2 /HPF
RBC : Nil /HPF
Crystals : Nil
Casts : Nil
Bacteria : Nil
Others : Nil

End of report

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ADITYA DIAGNOSTIC & RESEARCH LABORATORIES

Summary

ROAD NO 4, KPHB COLONY, HYD
 1369/MRS RAVALI MARTHA 30 Yrs/Female 55 Kg/165 Cms
 Ref: 9/12-Dec-2021 11:24:10 AM
 Medication :
 Objective : LIC OF INDIA

Protocol : BRUCE
 History :

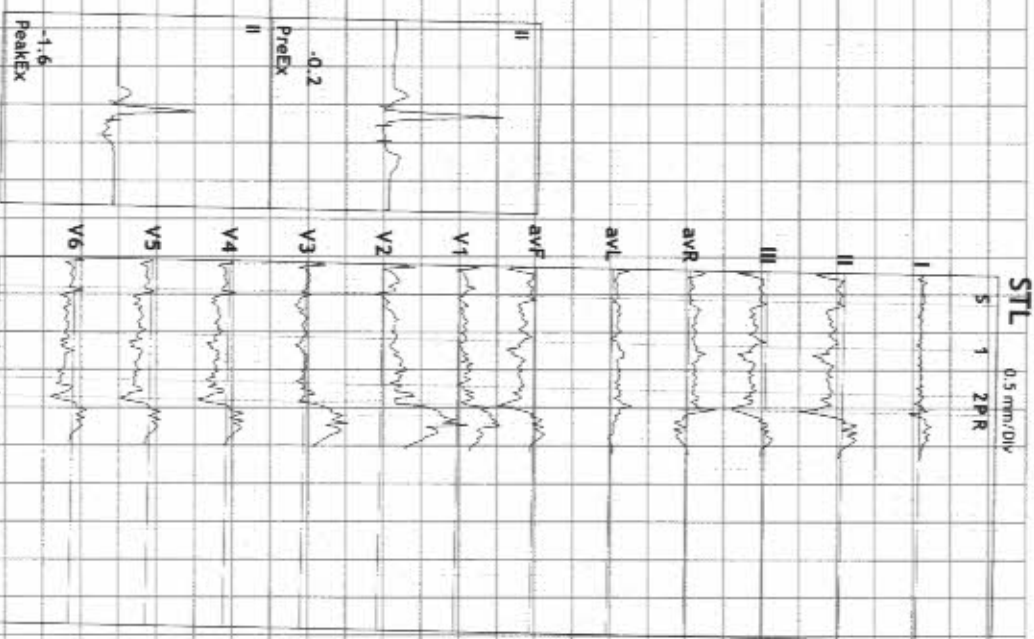
Stage	Stage Time (Min:Sec)	Phase Time (Min:Sec)	Speed (mph)	Grade (%)	METS	H.R. (bpm)	B.P. (mmHg)	R.P.P. (x100)	PVC	Comments
Supine					1.0	121	110/70	133	-	
Standing					1.0	142	110/70	156	-	
HV					1.0	93	110/70	102	-	
ExStart					1.0	130	110/70	143	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	118	120/80	141	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	139	130/90	180	-	
PeakEx	1:12	7:13	3.4	14.0	8.4	175	130/90	227	-	
Recovery	1:00		0.0	0.0	1.2	144	130/90	187	-	
Recovery	2:00		0.0	0.0	1.0	101	120/80	121	-	
Recovery	3:00		0.0	0.0	1.0	99	120/80	118	-	
Recovery	3:03		0.0	0.0	1.0	95	120/80	114	-	

Findings :

Exercise Time : 7:13 minutes
 Max HR attained : 175 bpm 92% of Max Predictable HR 190
 Max BP : 130/90(mmHg)
 Workload attained : 8.4 (Fair Effort Tolerance)
 No significant ST segment changes noted during exercise or recovery.
 No Angina/Arrhythmia/S3/murmur
 Final Impression : POSITIVE FOR INDUCIBLE ISCHEMIA
 Maximum Depression:

Advice/Comments:

Test is positive for inducible ischemia



Dr. V. Venkatesh
 MD, D. (GARB)
HARI'S HEART CLINIC
 1st floor, Mig: 824, 4th Road, KP: 5,
 Hyderabad-72. Ph: 88682531



DIAGNOSTIC & RESEARCH LABORATORIES

ROAD NO 4, KPHB COLONY, HYD

1369/MRS RAWALI MARTHA
30 Yrs/Female
55 Kg/165 Cms
Date: 12-Dec-2021 11:24:10 AM

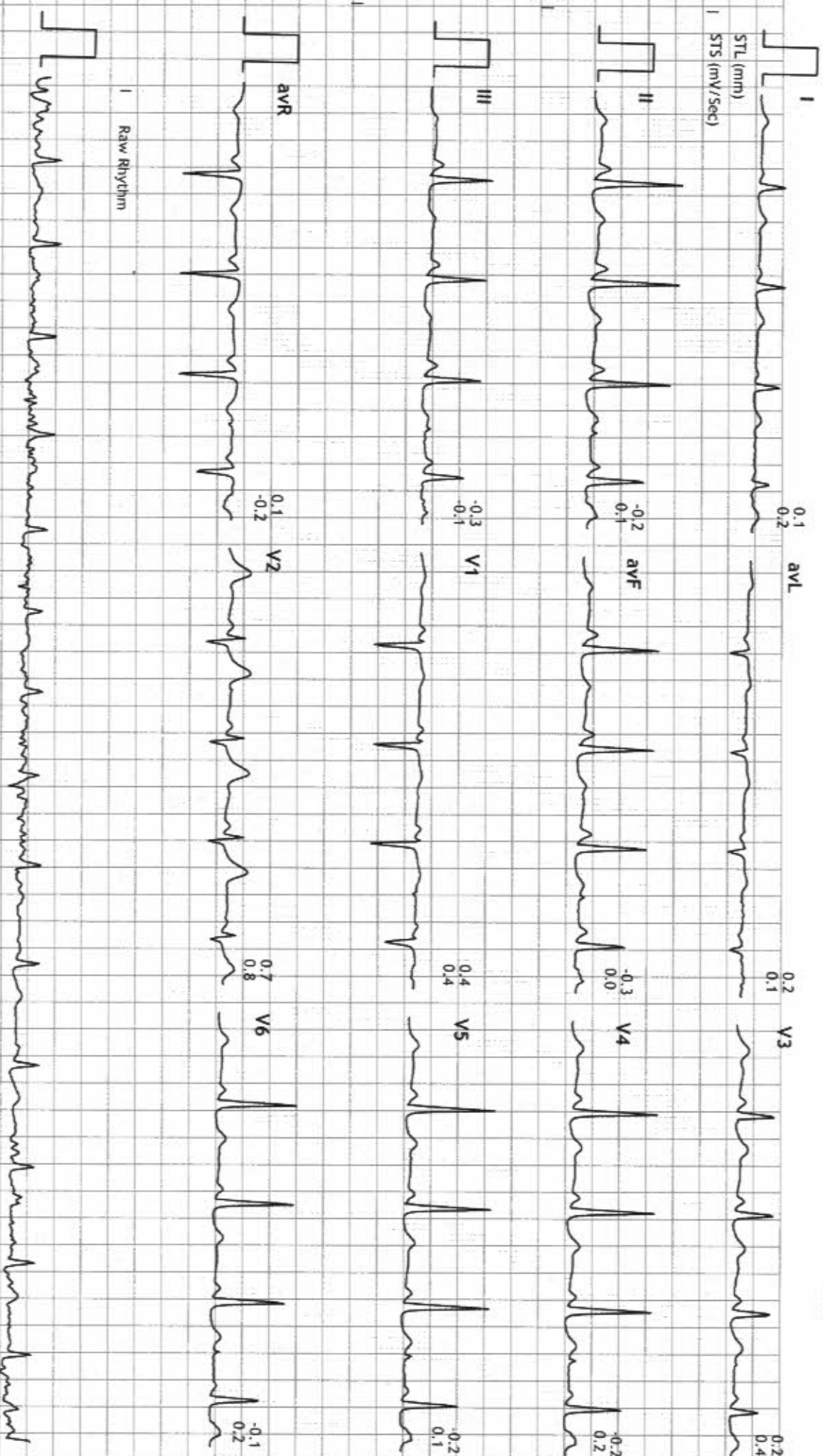
HR: 142 bpm
METS: 1.0
BP: 110/70

MpHR: 74% of 190
Speed: 1.1 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 01:23
BLC : On
Notch : On

SUPINE
10.0 mm/mv
25 mm/Sec.



ADITYA DIAGNOSTIC & RESEARCH LABORATORIES

Linked Medians Report

ROAD NO 4, KPHB COLONY, HYD
1369/MRS RAVALL MARTHA
30 Yrs/Female
55 Kg/165 Cms
Date: 12-Dec-2021 11:24:10 AM

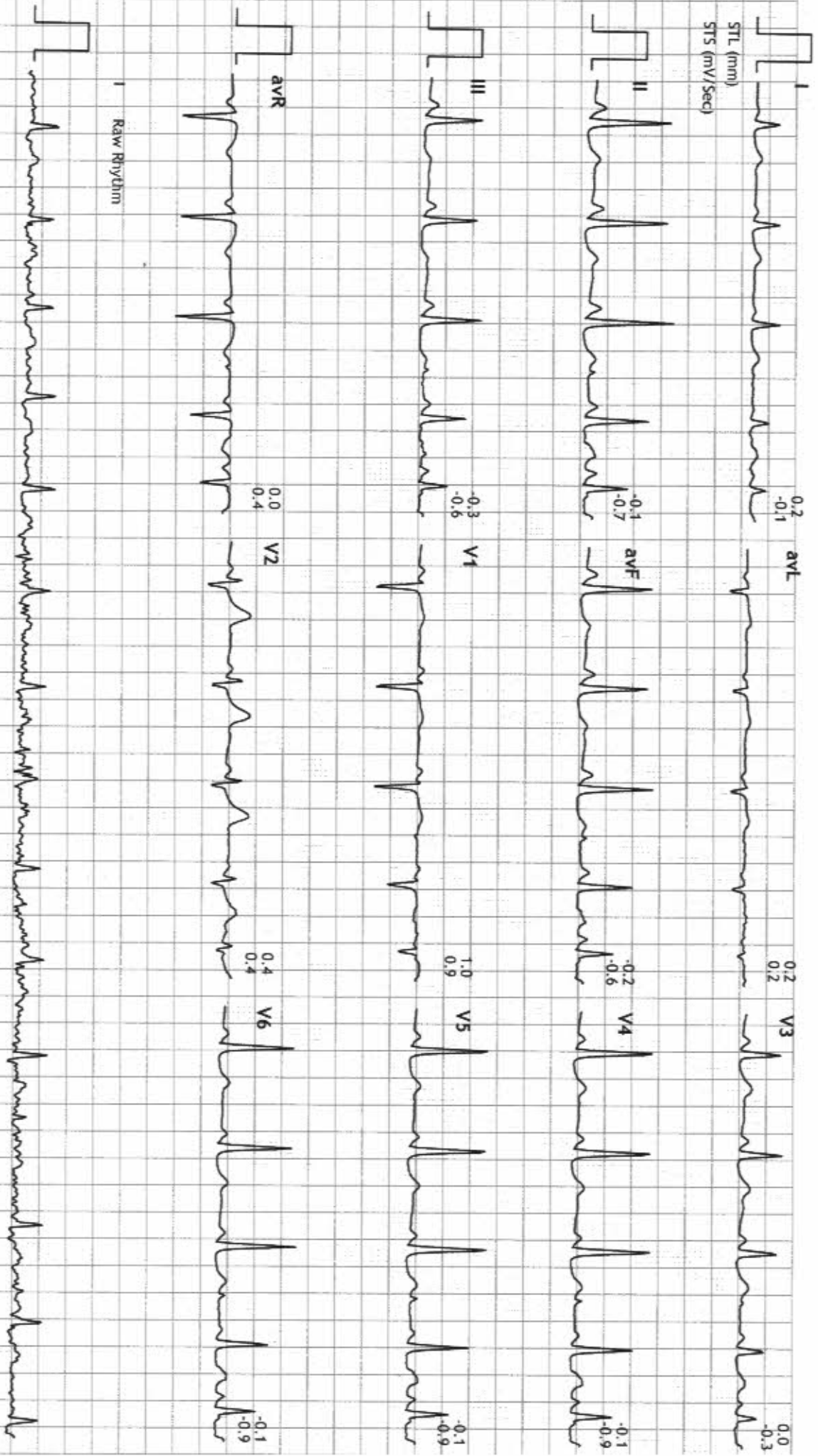
HR: 91 bpm
METs: 1.0
BP: 110/70

MPHR: 47% of 190
Speed: 1.1 mph
Grade: 0.0%

BRUCE
(1.0-100)Hz

Ex Time 01:32
BLC : On
Notch : On

HV
10.0 mm/mV
25 mm/Sec.



ADITYA DIAGNOSTIC & RESEARCH LABORATORIES

Linked Medians Report

ROAD NO 4, KPHB COLONY, HYD

1369/MRS RAVALI MARTHA

30 Yrs/Female

55 Kg/165 Cms

Date: 12-Dec-2021 11:24:10 AM

HR: 133 bpm

METS: 1.0

BP: 110/70

MPHR: 70% of 190

Speed: 1.1 mph

Grade: 0.0%

BRUCE

(1.0-100)Hz

Ex Time 00:00

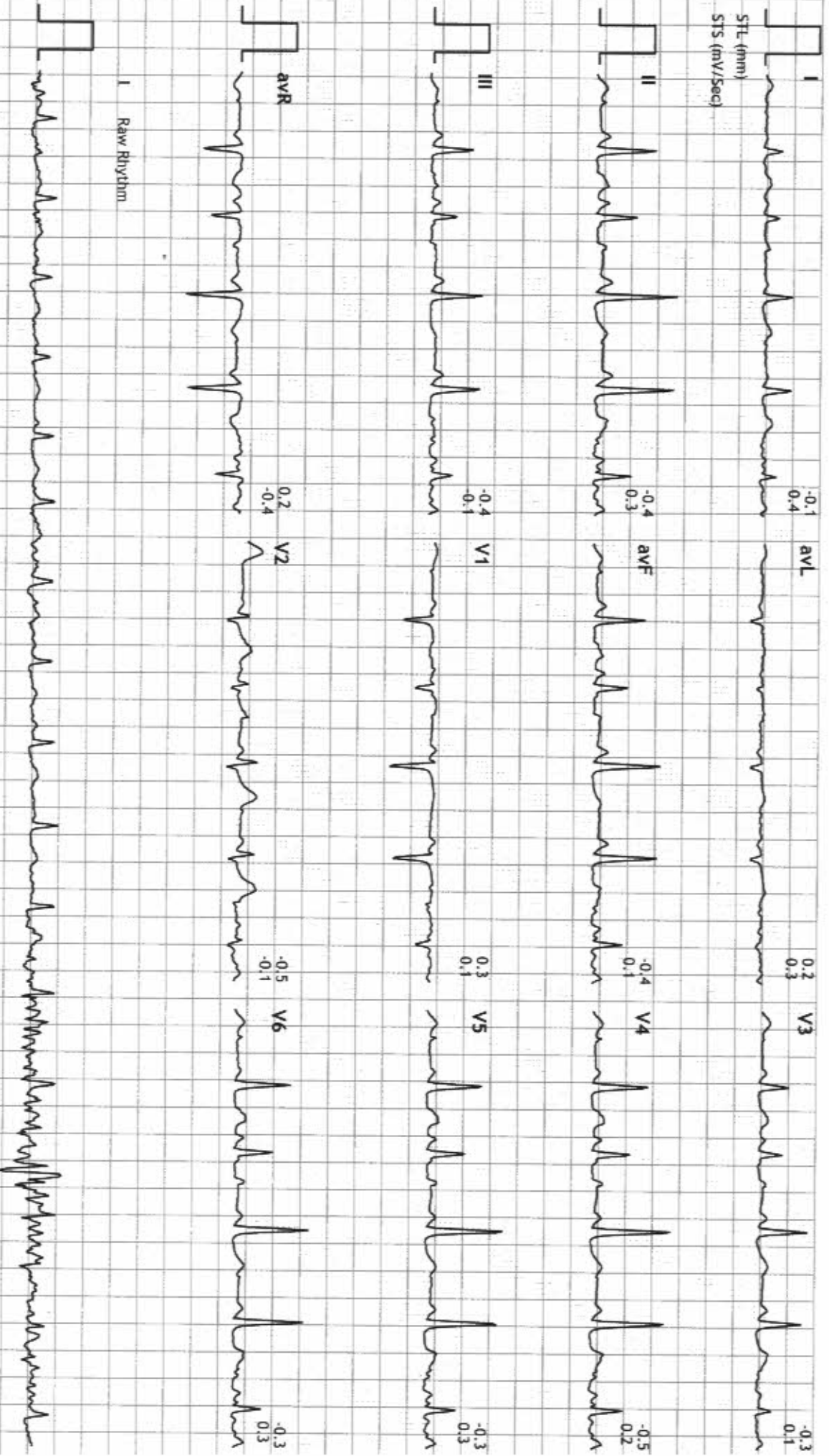
BLC : On

Notch : On

ExStt

10.0 mm/mv

25 mm/Sec.



ADITYA DIAGNOSTIC & RESEARCH LABORATORIES

Linked Medians Report

ROAD NO 4, KPHB COLONY, HYD
1369/MRS RAWALI MARTHA
30 Yrs/Female
55 Kg/165 Cms
Date: 12-Dec-2021 11:24:10 AM

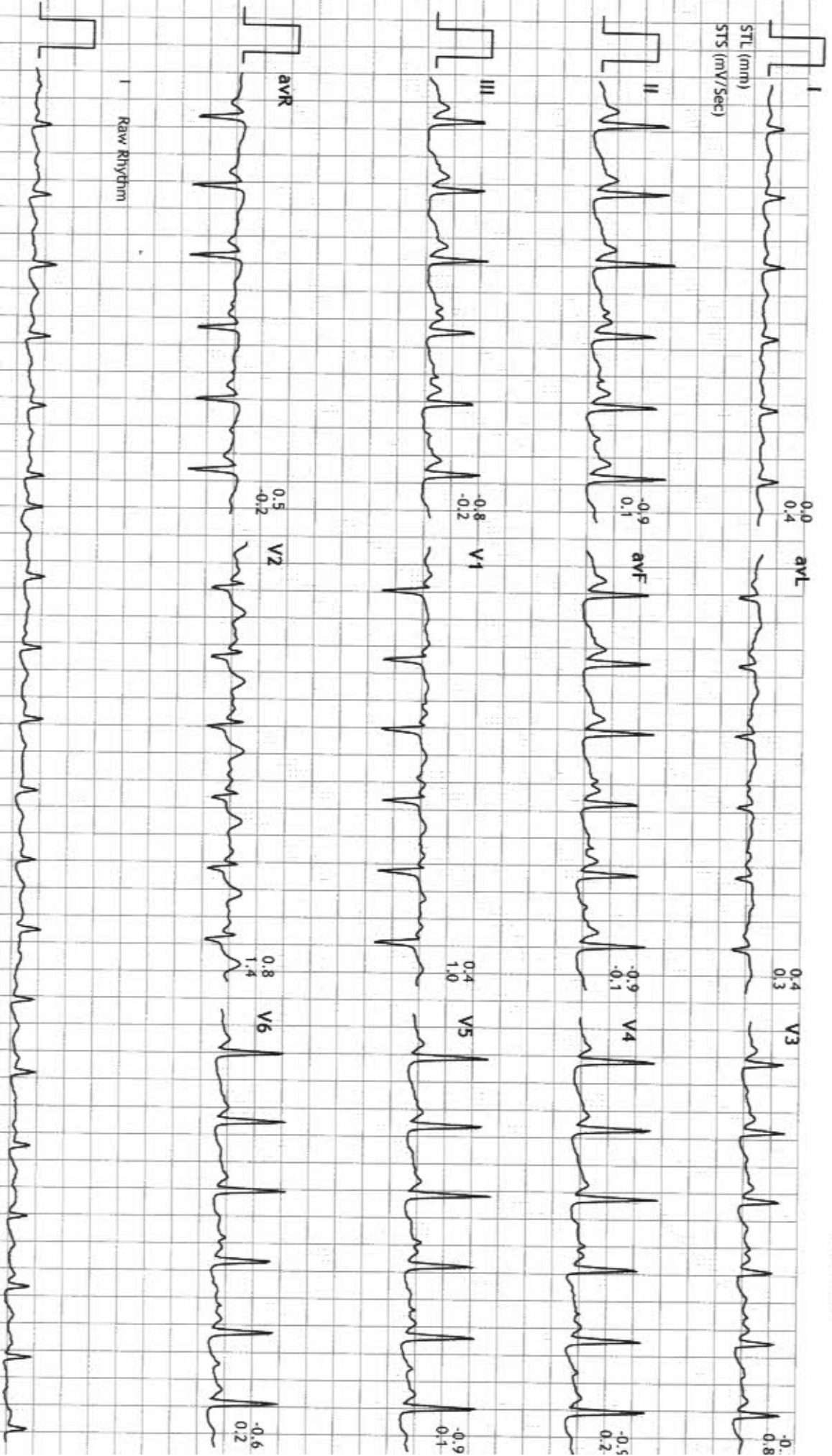
HR: 118 bpm
METs: 4.7
BP: 120/80

MPPHR: 62% of 190
Speed: 1.7 mph
Grade: 10.0%

BRUCE
(1.0-100)Hz

Ex Time 03:00
BLC : On
Notch : On

Stage 1 (03:0
10.0 mm/mV
25 mm/Sec.



ADITYA DIAGNOSTIC & RESEARCH LABORATORIES

Linked Medians Report

ROAD NO 4, KPHB COLONY, HYD

1369/MRS RAWALI MARTHA

30 Yrs/Female

55 Kg/165 Cms

Date: 12-Dec-2021 11:24:10 AM

HR: 139 bpm

METS: 7.1

BP: 130/90

MPHR: 73% of 190

Speed: 2.5 mph

Grade: 12.0%

BRUCE

(1.0-100)Hz

Ex Time 06:00

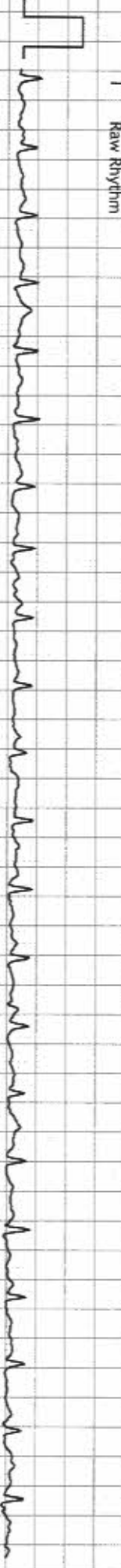
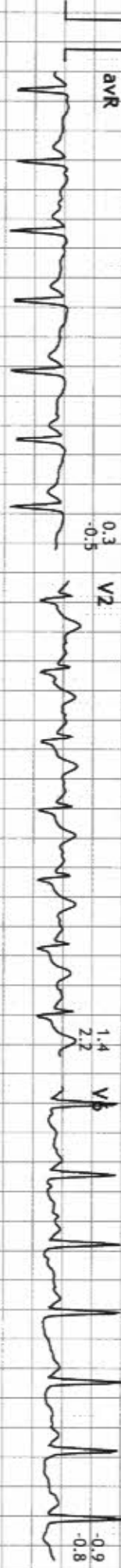
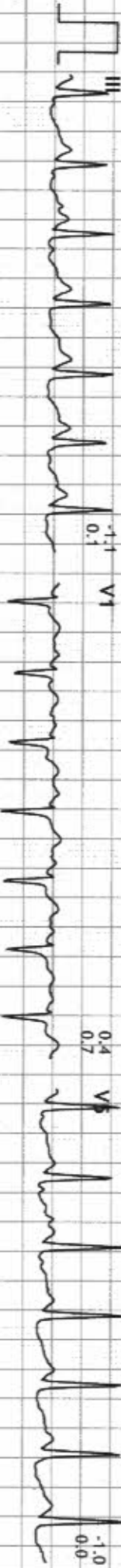
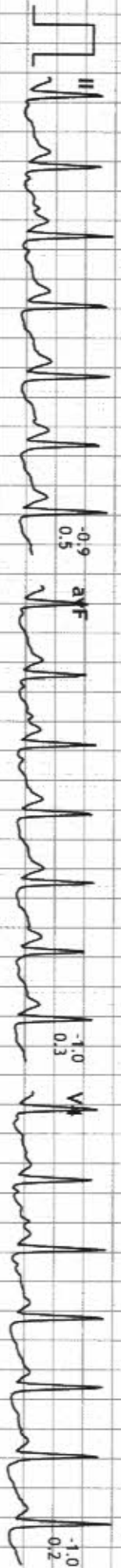
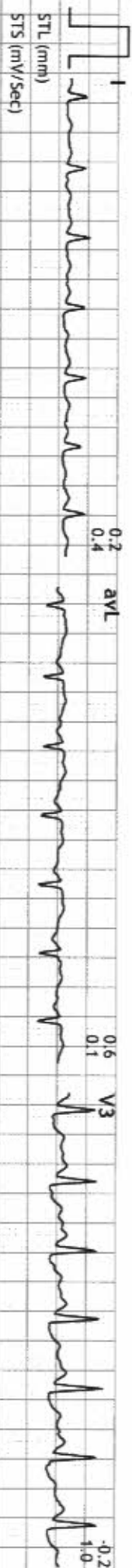
BLC : On

Notch : On

Stage 2 (03:0

10.0 mm/mv

25 mm/Sec.



ADITYA DIAGNOSTIC & RESEARCH LABORATORIES

Linked Medians Report

ROAD NO 4, KPHB COLONY, HYD

1369/MRS RAVALI MARTHA

30 Yrs/Female

55 Kg/165 Gms

Date: 12-Dec-2021 11:24:10 AM

HR: 175 bpm

METS: 8.4

BP: 130/90

MPHR: 92% of 190

Speed: 3.4 mph

Grade: 14.0%

BRUCE

(1.0-100)Hz

Ex Time 07:12

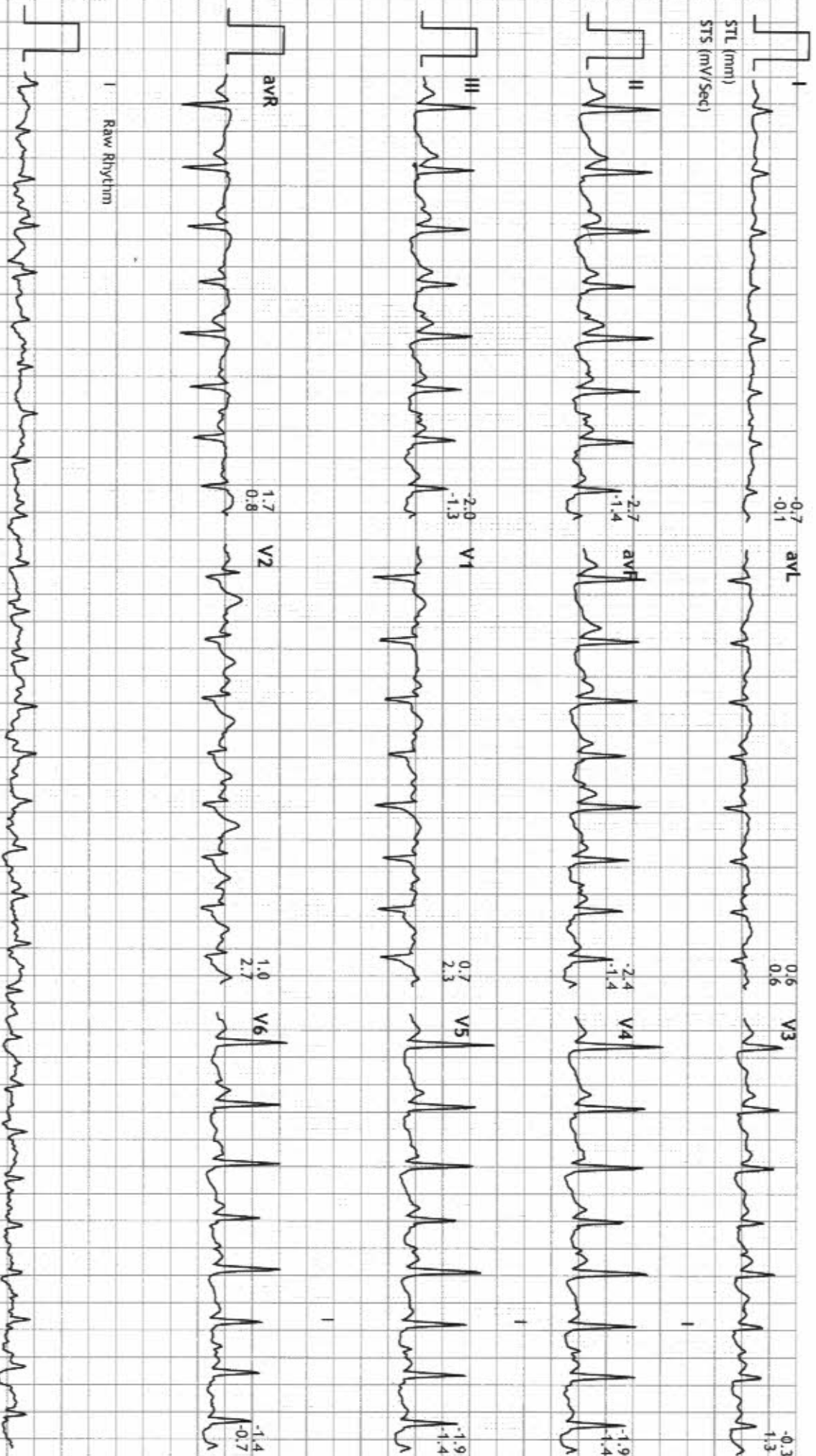
BLC : On

Notch : On

PeakEx

10.0 mm/mV

25 mm/Sec.



ADITYA DIAGNOSTIC & RESEARCH LABORATORIES

Linked Medians Report

ROAD NO 4, KPHB COLONY, HYD

1369/MRS RAWALI MARTHA

30 Yrs/Female

55 Kg/165 Cms

Date: 12-Dec-2021 11:24:10 AM

HR: 144 bpm

METS: 1.1

BP: 130/90

MPPHR: 75% of 190

Speed: 0.0 mph

Grade: 0.0%

BRUCE

(1.0-100)Hz

Ex Time 07:12

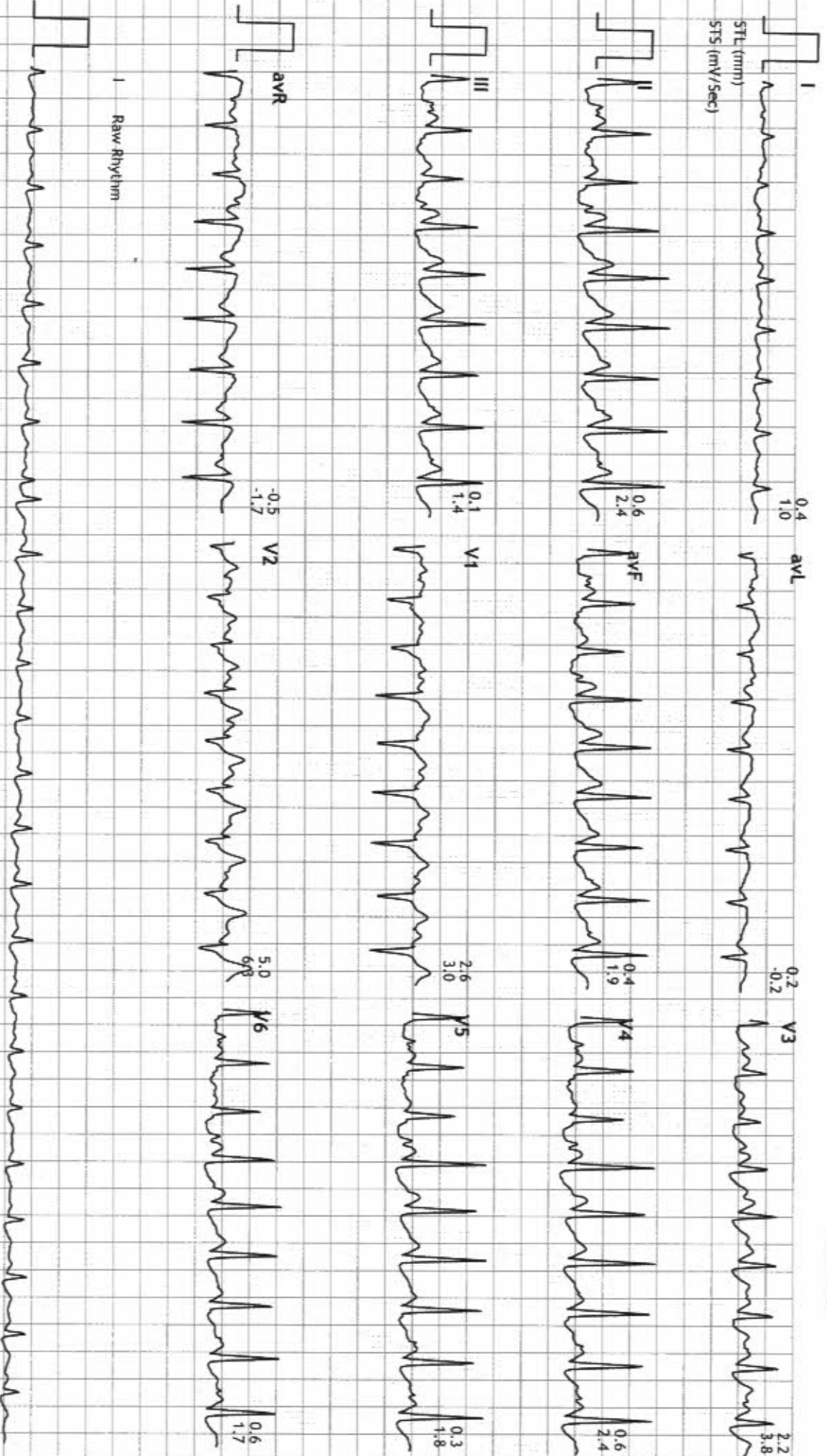
BLC : On

Notch : On

Recovery : (0

10.0 mm/mV

25 mm/Sec.



HR: 101 bpm

METS: 1.0

BP: 120/80

MPHR: 53% of 190

Speed: 0.0 mph

Grade: 0.0%

BRUCE

(1.0-100)Hz

Ex Time 07:12

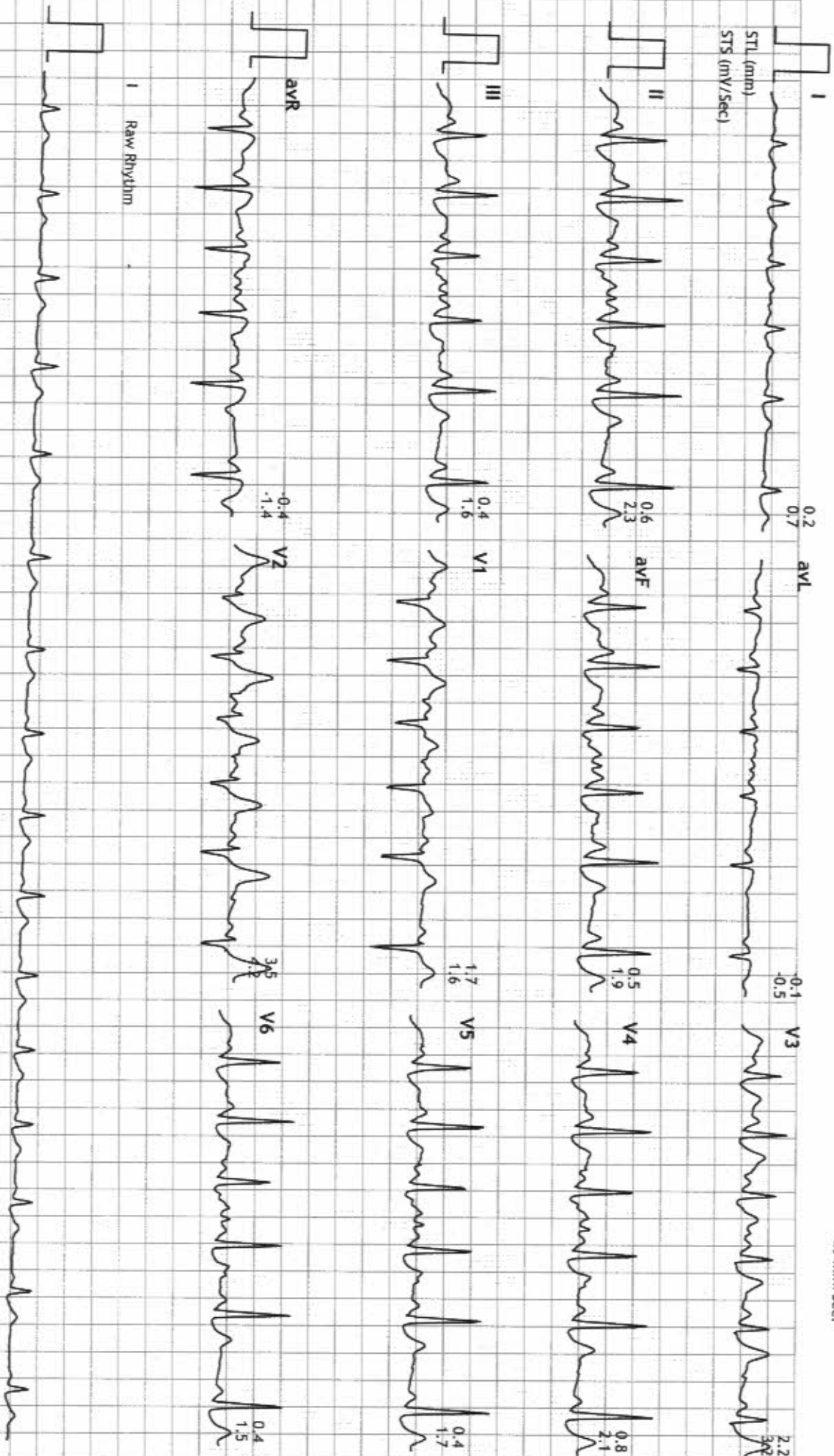
BLC : On

Notch : On

Recovery : 0

10.0 mm/mV

25 mm/Sec.



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1369/MRS RAVALI MARTHA

30 Yrs/Female

55 Kg/165 Cms

Date: 12-Dec-2021 11:24:10 AM

HR: 99 bpm

METS: 1.0

BP: 120/80

MPHR: 52% of 190

Speed: 0.0 mph

Grade: 0.0%

BRUCE

(1.0-100)Hz

Ex Time 07:12

BLC :On

Notch : On

Recovery : (0

10.0 mm/mV

25 mm/Sec.

