



TREAD MILL STRESS TEST

PATIENT NAME: SHALINI SARKAR

AGE: 30YRS SEX: F

REFERRED BY DR: MEDIWHEEL

DATE: 23/12/2023

- The patient exercised according to BRUCE for 15:26, achieving a work level of Max METS:15.2. Resting heart rate initially 61 bpm, rose to a max. heart rate of 163 bpm which represents 86% of maximum age predicted heart rate. Resting blood pressure 120/84 mmhg, rose to a maximum blood pressure of 128/92. The stress test was stopped due to Leg Pain.
- Upto the observe stages no significant ST depression has been found
- Therefore the stress test seems to be **Negative** for provocative ischemia & arrhythmia.

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ISO 9001 : 2015 Certified Diagnostic Centre
External Quality Assurance Scheme by CMC, VELLORE

24
HRS.
SERVICE

Facility Available : ● Ultrasonography with colour doppler ● Echocardiography
● 24 Hours Digital X-Ray ● Fully Computerised Pathology Lab ● 24 Hours Digital ECG ● 24 Hours Digital Holter Monitoring ● Digital OPG (Dental X-Ray) ● Computerised Tread Mill Stress Test
Pulmonary Function Test/Spirometri ● EMG/NCV ● BERA, VEP, SSEP, SSR Test ● EEG
24 Hrs Home Call facility available for all Digital X-Ray, E.C.G. & Blood Collection

Protocol : BRUCE

Objective :

Stage	StageTime (min:sec)	PhaseTime (min:sec)	Speed (mph)	Grade (%)	METs	H.R. (bpm)	B.P. (mmHg)	R.P.P. (x10 ⁶)	PVC	Comments
Supine					1.0	61	120/84	73	-	
Standing					1.0	63	120/84	75	-	
HV					1.0	74	120/84	88	-	
ExStart					1.0	68	120/84	81	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	106	120/84	127	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	129	122/86	157	-	
Stage 3	3:00	9:01	3.4	14.0	10.2	132	124/88	163	-	
Stage 4	3:00	12:01	4.2	16.0	13.5	146	126/90	183	-	
Stage 5	3:00	15:01	5.0	18.0	14.9	163	128/92	208	-	
PeakEx	0:25	15:26	5.5	20.0	15.2	163	128/92	208	-	
Recovery	1:00		0.0	0.0	9.0	108	128/92	138	-	
Recovery	2:00		0.0	0.0	3.0	92	126/86	115	-	
Recovery	3:00		0.0	0.0	1.0	88	124/84	109	-	
Recovery	3:25		0.0	0.0	1.0	78	120/84	93	-	

Advice/Comments:



THE AAROGYA HEALTHCARE CENTRE

Summary

B.S. ROAD, COOCH BEHAR

968/SHALINI SARKAR 30 Yrs/Female 74 Kg/160 Cms

Date: 23-Dec-2023 12:27:42 PM

Advice/Comments:



Medication :

History :

Test End Reason : Leg Pain

Findings :

The patient exercised according to BRUCE for 15:26, achieving a work level of Max METS:15.2. Resting heart rate initially is 61 bpm, that rose to a max. heart rate of 163 bpm which represents 86% of predicted heart rate as per the patient's age. Resting blood pressure 120/84 mmHg, rose to a maximum blood pressure of 128/92. The stress test was stopped due to Leg Pain

Parameters :

Exercise Time : 15:26 minutes

Max HR attained : 163 bpm 86% of Max Predictable HR 190

Max BP : 128/92(mmHg)(mmHg)

Workload attained : 15.2 (Good Effort Tolerance)

Shashi Sarkar

THE AAROGYA HEALTHCARE CENTRE

B. S. ROAD, COOCH BEHAR

968/SHALINI SARKAR

30 Yrs/Female

74 Kg/160 Cms

Date: 23-Dec-2023 12:27:42 PM

12 Lead + Comparison

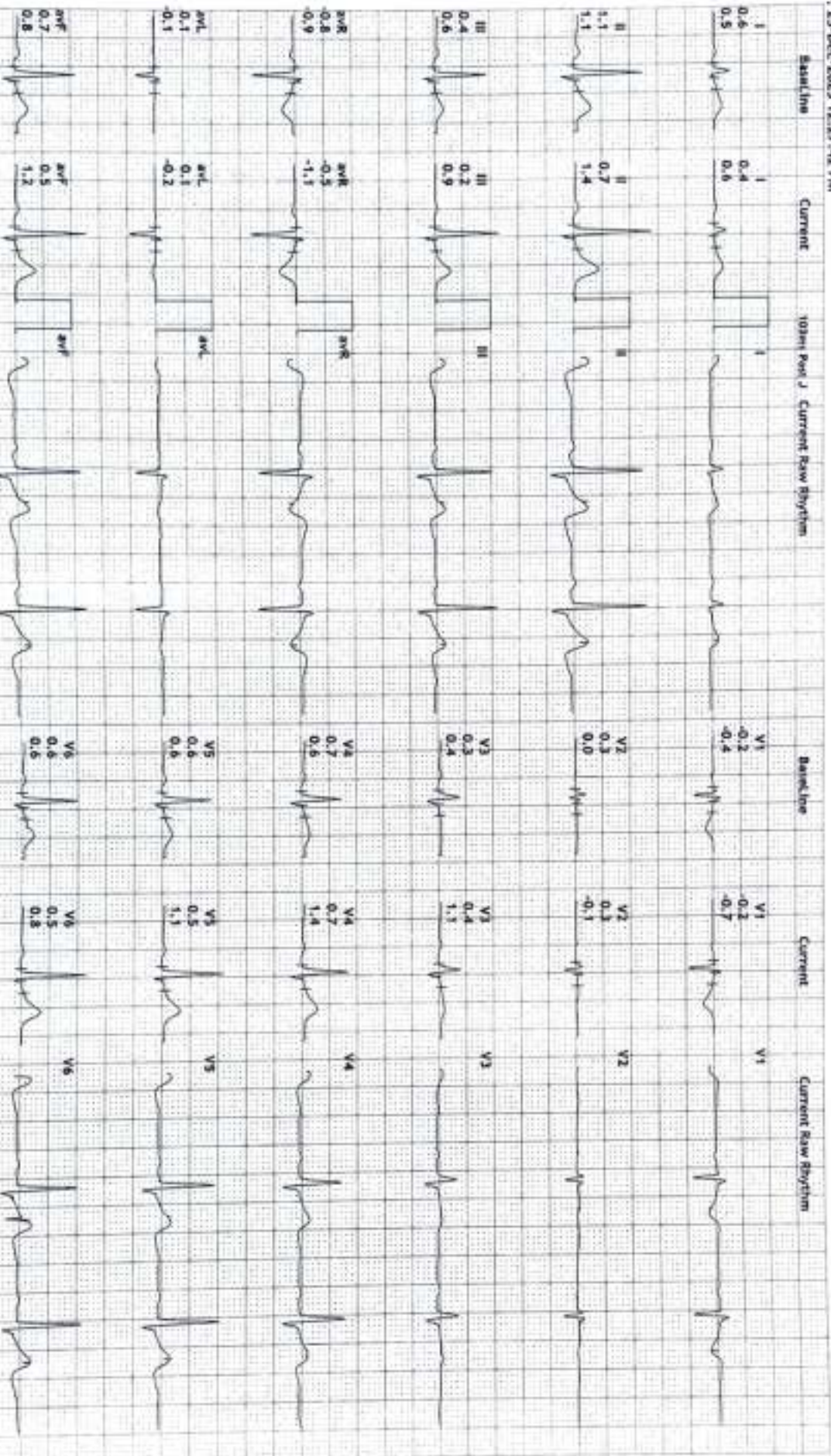
HR: 61 bpm
METs: 1.0
BP: 120/84

MPHR: 32% of 190
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(1.0-100)Hz

Ex Time 00:41
BLC : On
Notch : On

Supine
10.0 mm/mV
25 mm/Sec.



THE AAROGYA HEALTHCARE CENTRE

B. S. ROAD, COOCH BEHAR

968/SHALINI SARKAR

30 Yrs/Female

74 Kg/160 Cms

Date: 23-Dec-2023 12:27:42 PM

12 Lead + Comparison

HR: 63 bpm
 METS: 1.0
 BP: 120/84

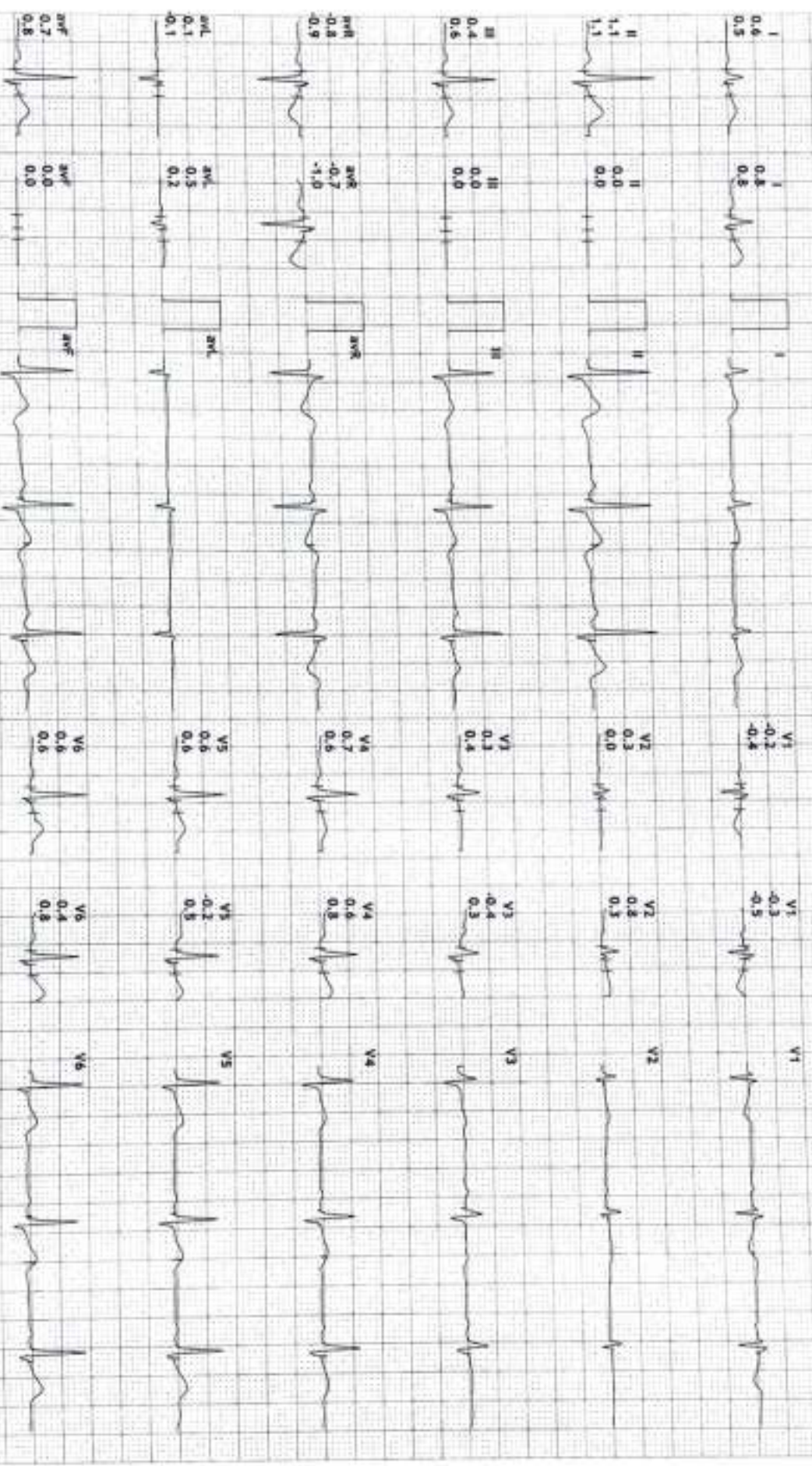
MPHR: 33% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (1.0-100)Hz

Ex Time 01:23
 BLC :On
 Notch :On



Baseline Current (00mi Post 2) Current Raw Rhythm



THE AAROGYA HEALTHCARE CENTRE
B.S. ROAD, COOCH BEHAR

968/SHALINI SARKAR
 30 Yrs/Female
 74 Kg/160 Cms
 Date: 23-Dec-2023 12:27:42 PM

HR: 74 bpm
 METS: 1.0
 BP: 120/84

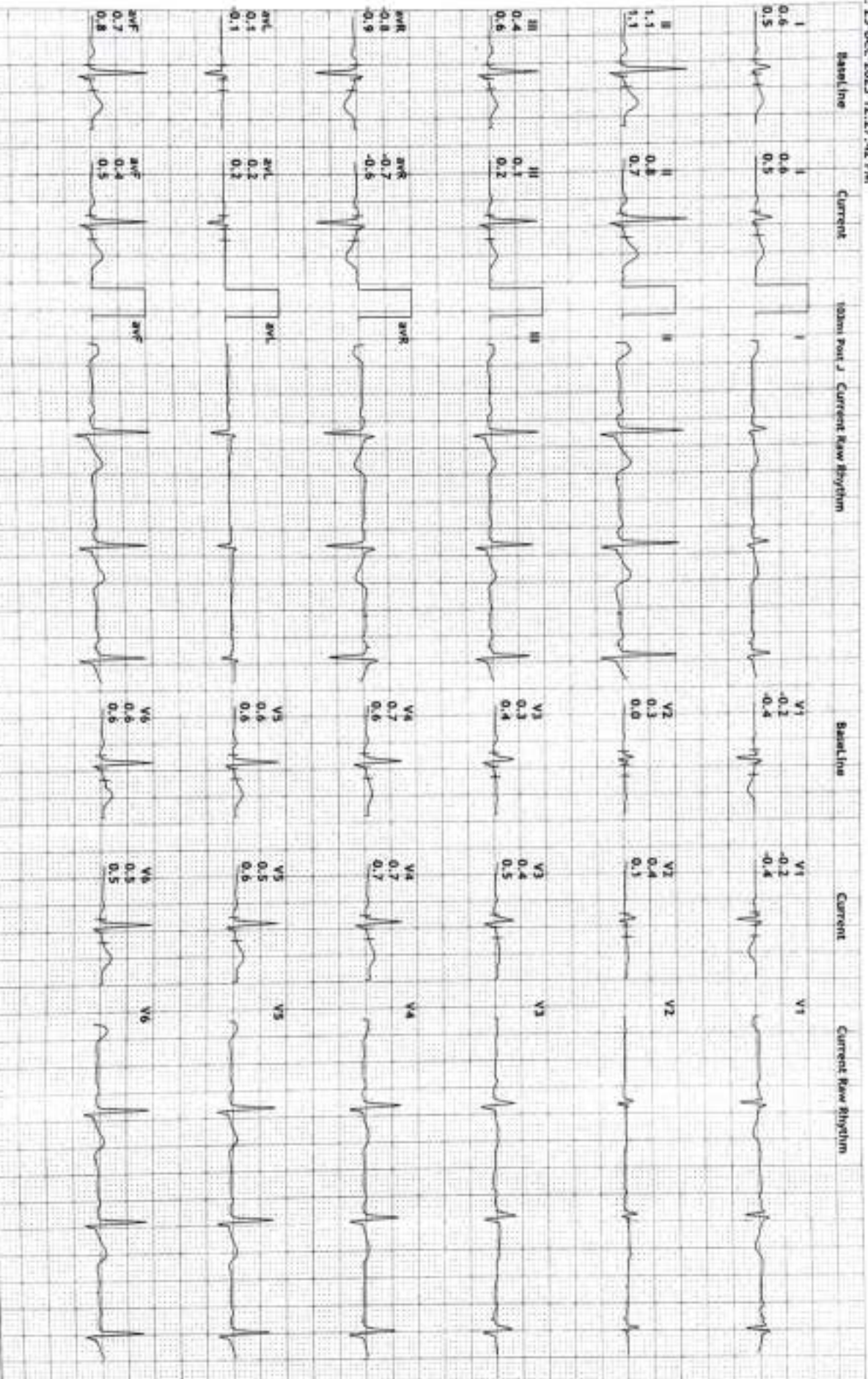
MPHR: 38% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (1.0-100)Hz

Ex Time 01:42
 BLC :On
 Notch :On

HV
 10.0 mm/mV
 25 mm/Sec.

12 Lead + Comparison



968/SHALINI SARKAR
 30 Yrs/Female
 74 Kg/160 Cms

Date: 23-Dec-2023 12:27:42 PM

HR: 106 bpm
 METS: 4.7
 BP: 120/84

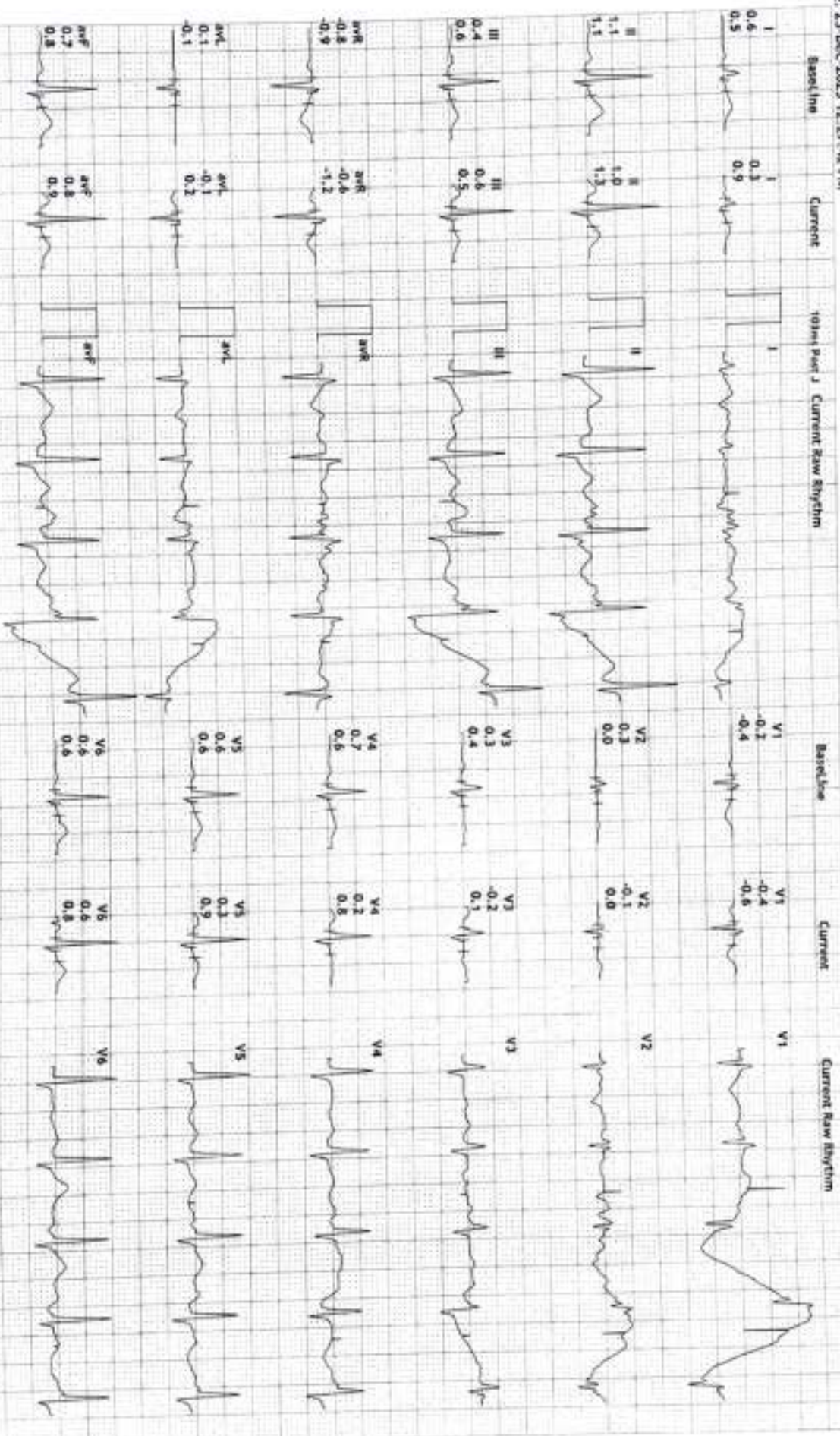
MPHR: 55% of 190
 Speed: 1.7 mph
 Grade: 10.0%

Raw ECG
 HE
 (1.0-100)Hz

Ex Time 03:00
 BLC :On
 Notch :On

E-Stage 1(3:00)
 10.0 mm/mV
 25 mm/Sec.

12 Lead + Comparison



THE AAROGYA HEALTHCARE CENTRE

B. S. ROAD, COOCH BEHAR

968/SKALLINI SARKAR

30 Yrs/Female

74 Kg/160 Cms

Date: 23-Dec-2023 12:27:42 PM

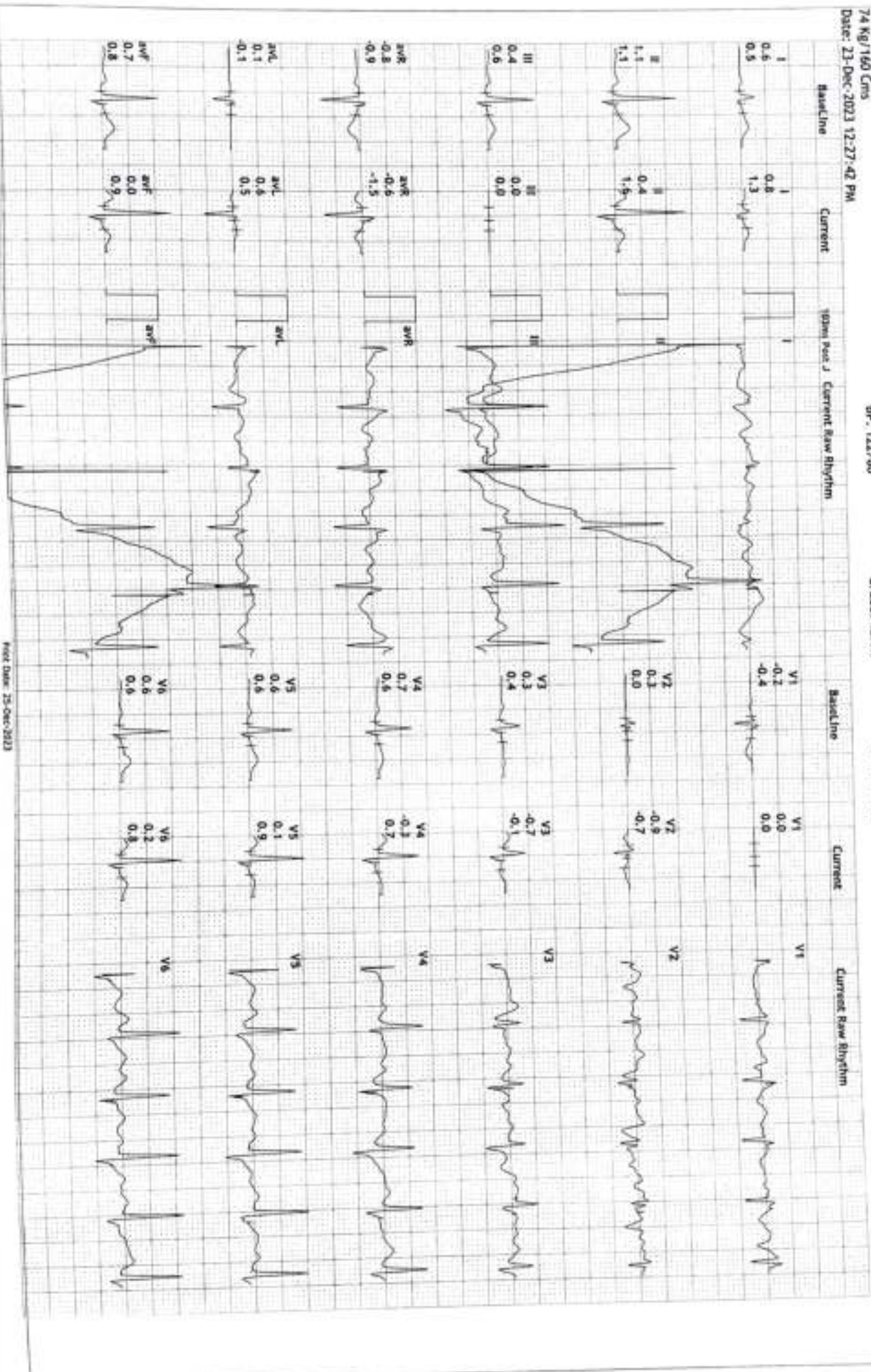
12 Lead + Comparison

HR: 129 bpm
 METS: 7.1
 BP: 122/86

MPHR: 67% of 190
 Speed: 2.5 mph
 Grade: 12.0%

Raw ECG
 BRUCE
 (1.0-100)/Hz

Ex Time 06:00
 BLC :On
 Notch :On



Print Date: 23-Dec-2023

THE AAROGYA HEALTHCARE CENTRE

B.S. ROAD, COOCH BEHAR

968/SHALINI SARKAR

30 Yrs/Female

74 Kg/160 Cms

Date: 23-Dec-2023 12:27:42 PM

HR: 132 bpm
METs: 10.2
BP: 124/88

MPHR: 69% of 190
Speed: 3.4 mph
Grade: 14.0%

Raw ECG
BRUCE
(1.0-100)Hz

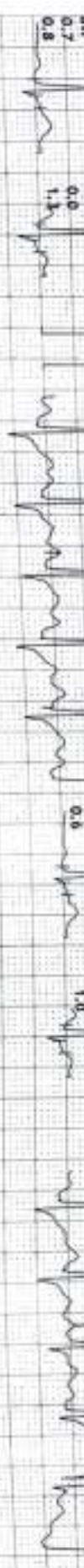
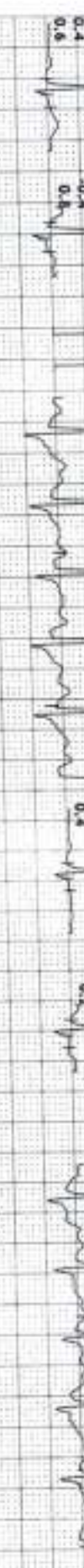
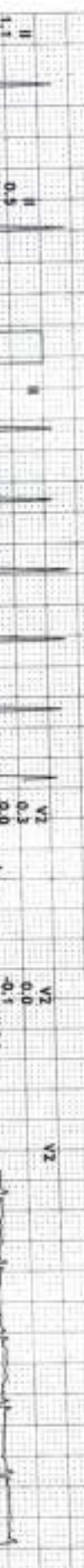
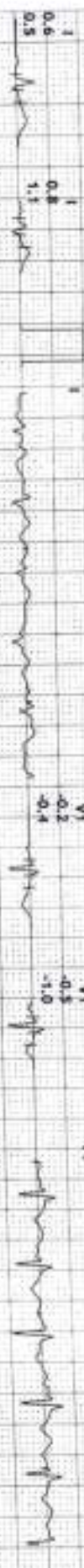
Ex Time 09:00
BLC :On
Notch :On

BRUCE:Stage 3(3:00)
10.0 mm/mv
25 mm/Sec.

12 Lead + Comparison

Baseline Current 100ms Post J Current Raw Rhythm

Baseline Current Current Raw Rhythm



968/SHALINI SARKAR
 30 Yrs./Female
 74 Kg/160 Cms
 Date: 23-Dec-2023 12:27:42 PM

HR: 146 bpm
 METS: 13.5
 BP: 126/90

MPHR: 76% of 190
 Speed: 4.2 mph
 Grade: 16.0%

Raw ECG
 BRUCE
 (1.0-100)Hz

Ex Time 12:00
 BLC :On
 Noch :On

BRUCE: Stage 4(3:00)
 10.0 mm/mV
 25 mm/Sec.

12 Lead + Comparison

Baseline Current 10sec Post J Current Raw Rhythm



THE AAROGYA HEALTHCARE CENTRE

B. S. ROAD, COOCH BEHAR

968/SHALINI SARKAR

30 Yrs/Female

74 Kg/160 Cms

Date: 23-Dec-2023 12:27:42 PM

12 Lead + Comparison

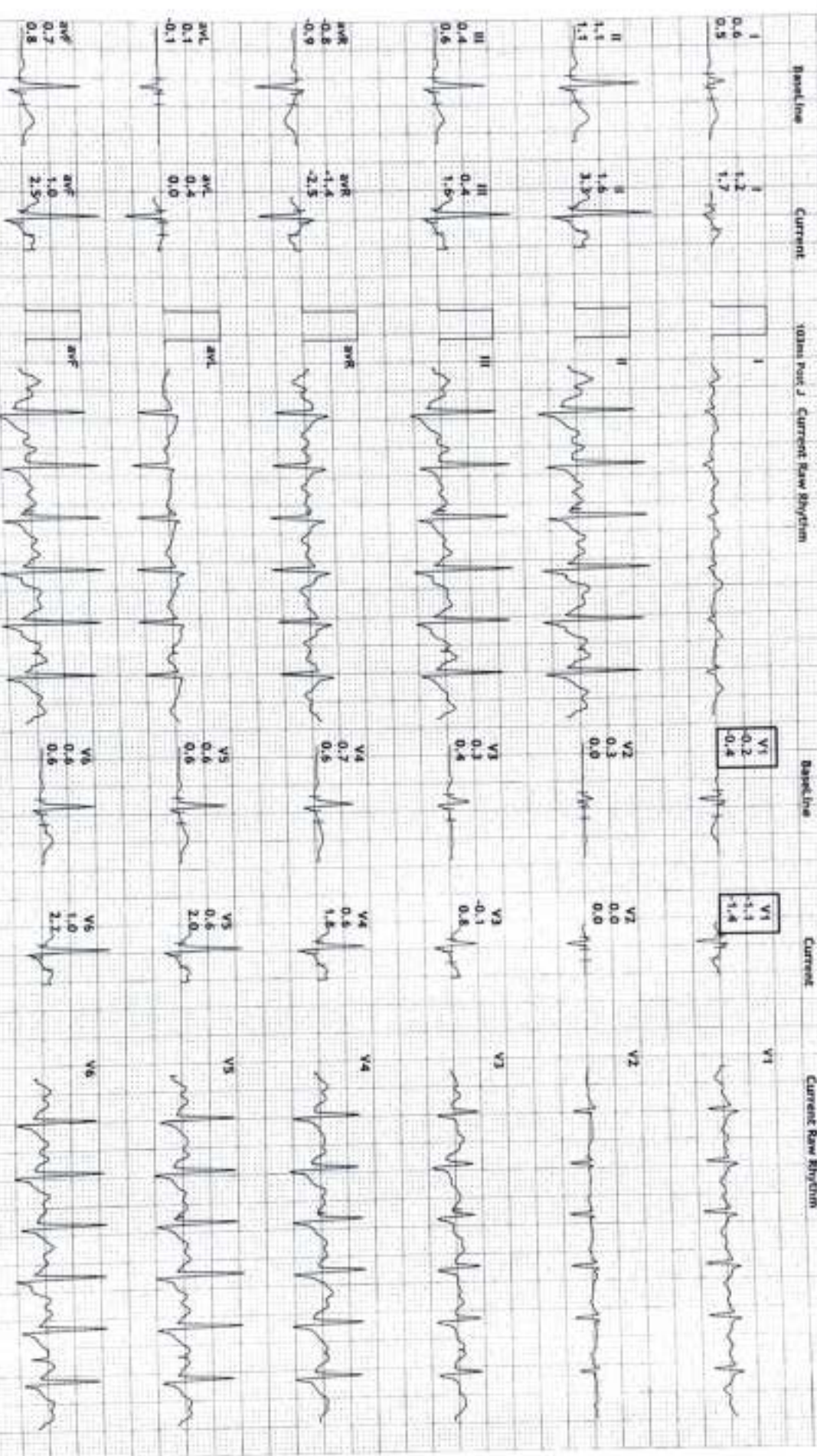
HR: 163 bpm
METs: 14.9
BP: 128/92

APPR: 85% of 190
Speed: 5.0 mph
Grade: 18.0%

Raw ECG
BRUCE
1.0-100/Hz

Ex Time 15:00
RLC :On
Notch :On

BRUCE: Stage 5(3:00)
10.0 mm/mV
25 mm/Sec.



THE AAROGYA HEALTHCARE CENTRE

B. S. ROAD, COOCH BEHAR

966/SHALINI SARKAR

30 Yrs/Female

74 Kg/160 Cms

Date: 23-Dec-2023 12:27:42 PM

12 Lead + Comparison

HR: 163 bpm

METS: 15.2

BP: 128/92

MPIR:85% of 190

Speed: 5.5 mph

Grade: 20.0%

Raw ECG

BRUCE

11.0-100/Hz

Ex Time 15:25

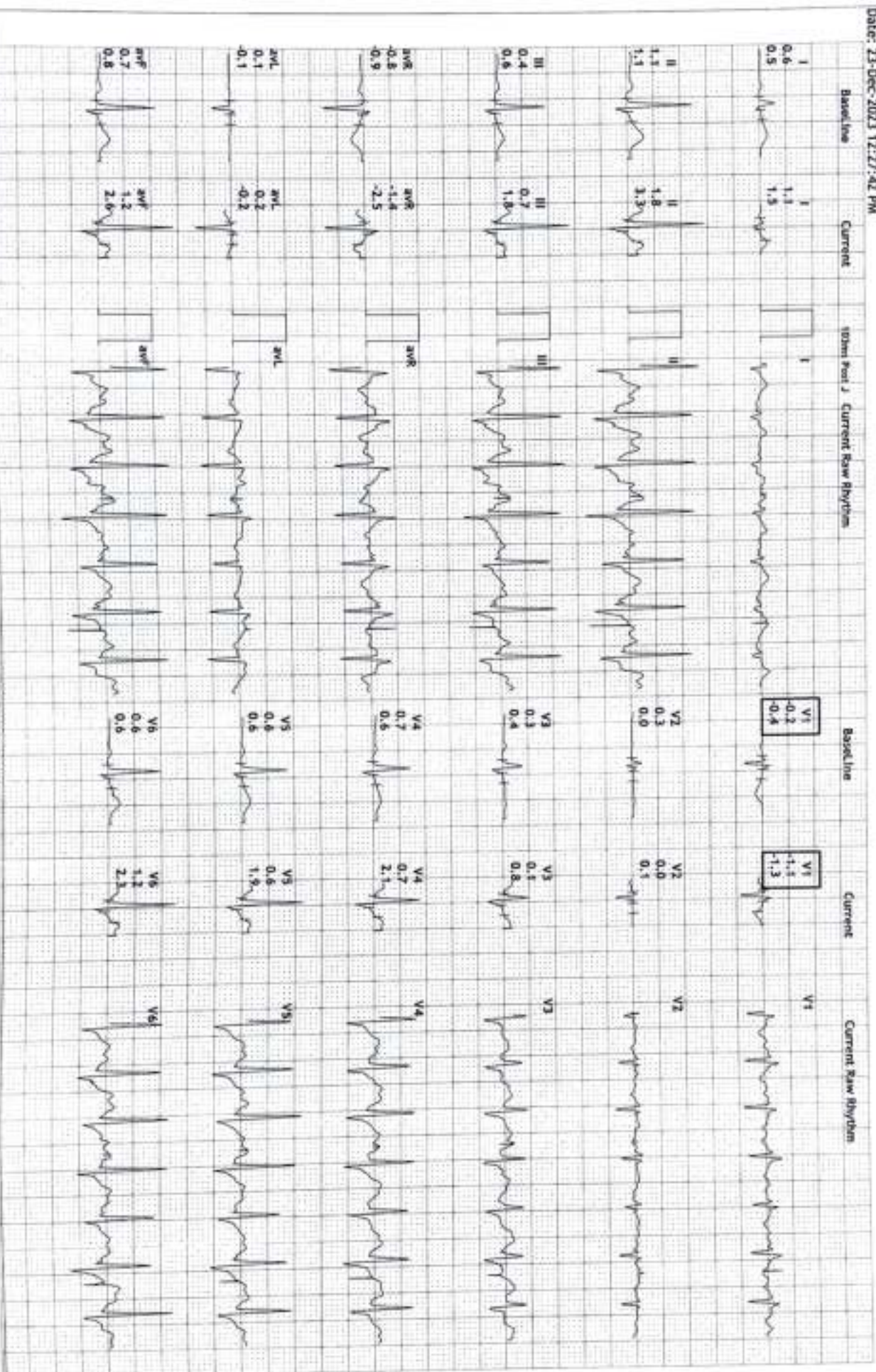
BLC :On

Notch : On

BRUCE:PeakEx(0:25)

10.0 mm/mV

25 mm/Sec.



968/SHALINI SARKAR
 30 Yrs/Female
 74 Kg/160 Cms
 Date: 23-Dec-2023 12:27:42 PM

HR: 108 bpm
 METS: 9.0
 BP: 128/92

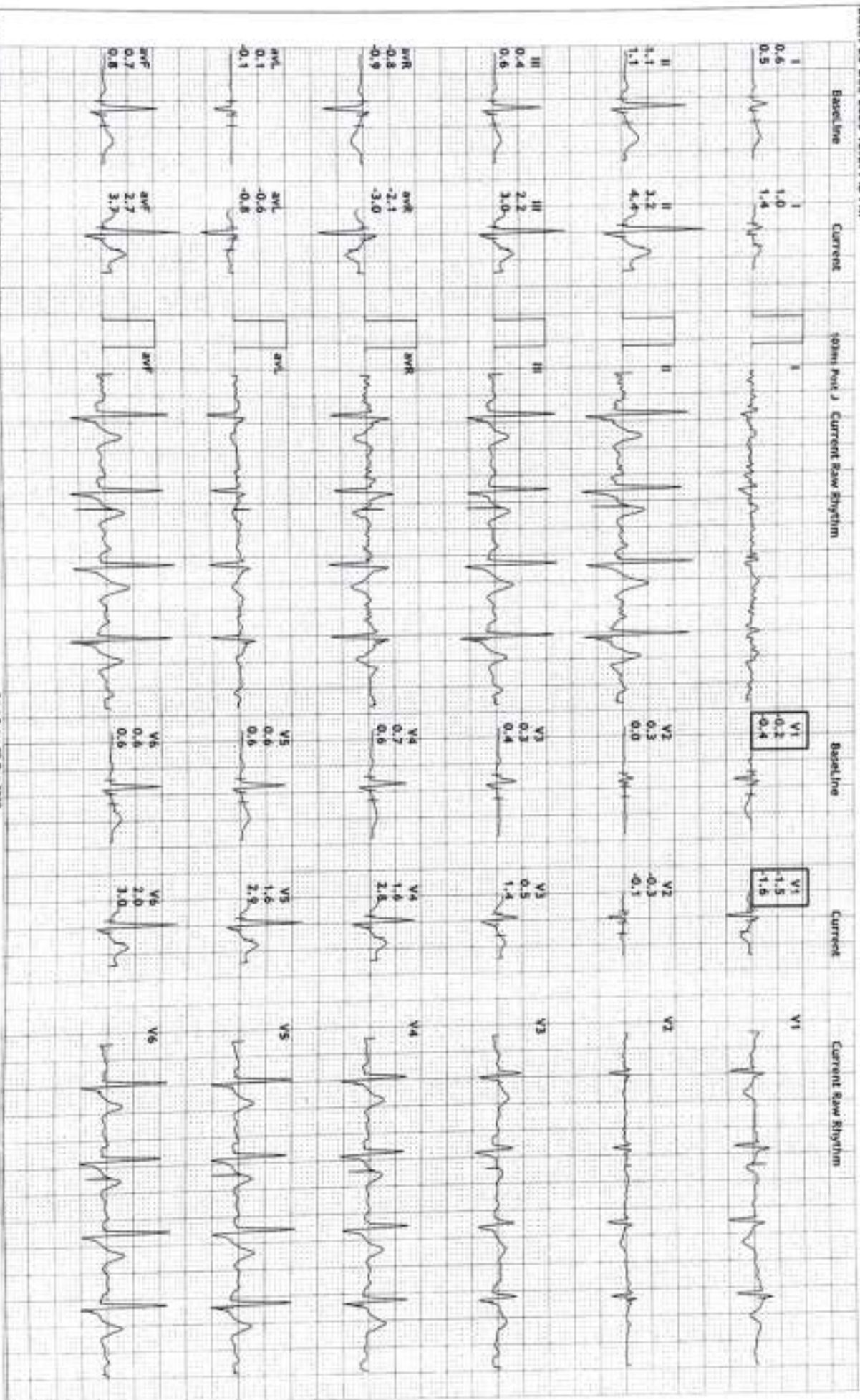
MPHR: 56% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (1.0-100)Hz

Ex Time 15:26
 BLC : On
 Notch : On

Recovery(1:00)
 10.0 mm/mV
 25 mm/Sec.

12 Lead + Comparison



THE ARROYA HEALTHCARE CENTRE

B. S. ROAD, COOCH BEHAR
 968/SHALINI SARKAR
 30 Yrs/Female
 74 Kg/160 Cms

Date: 23-Dec-2023 12:27:42 PM

HR: 92 bpm
 METS: 3.0
 BP: 126/86

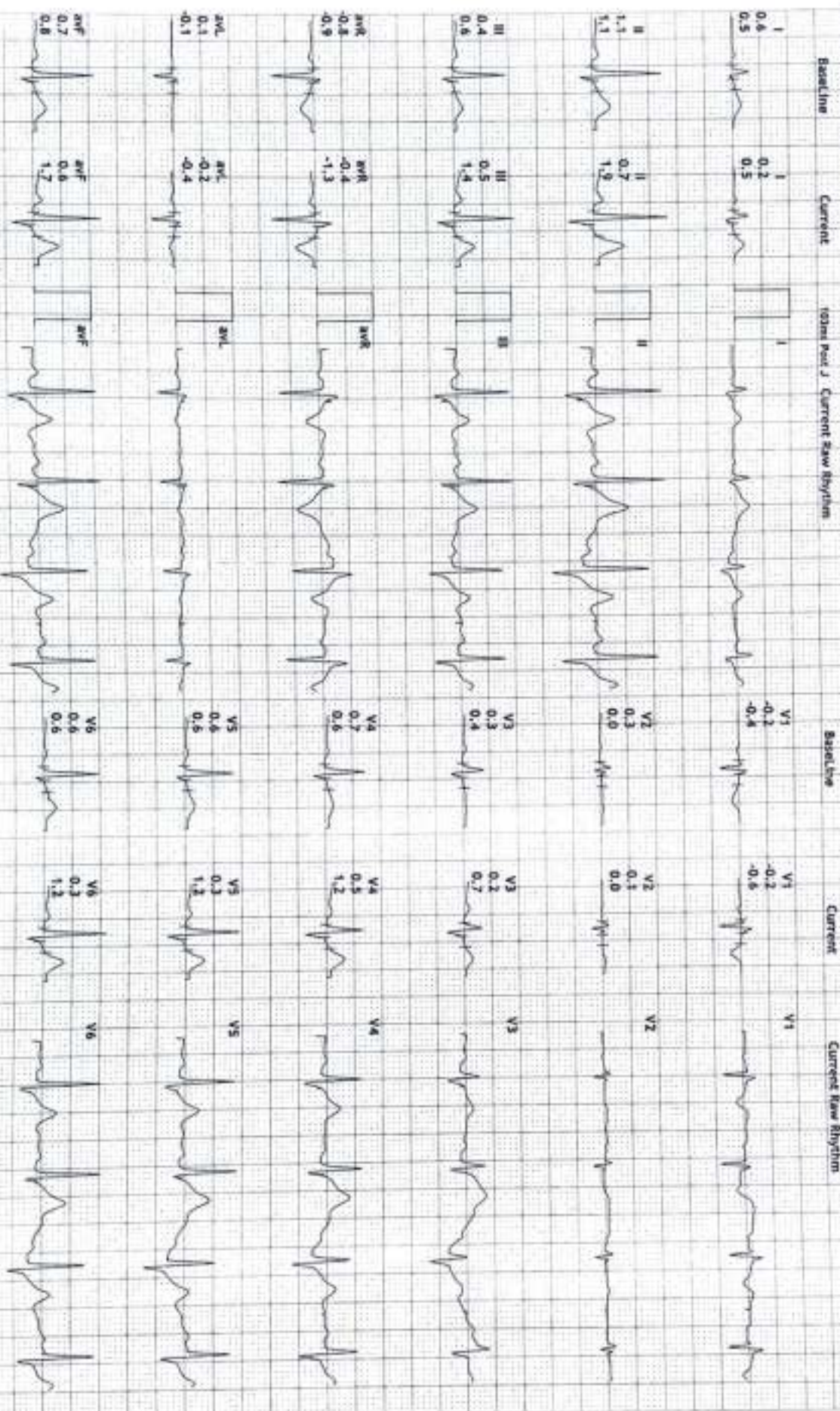
MPHR: 48% of 190
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (1.0-100)Hz

Ex Time 15:26
 BLC :On
 Notch :On

Recovery(2:00)
 10.0 mm/mV
 25 mm/Sec.

12 Lead + Comparison



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74 Kg/160 Cms

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12 Lead + Comparison

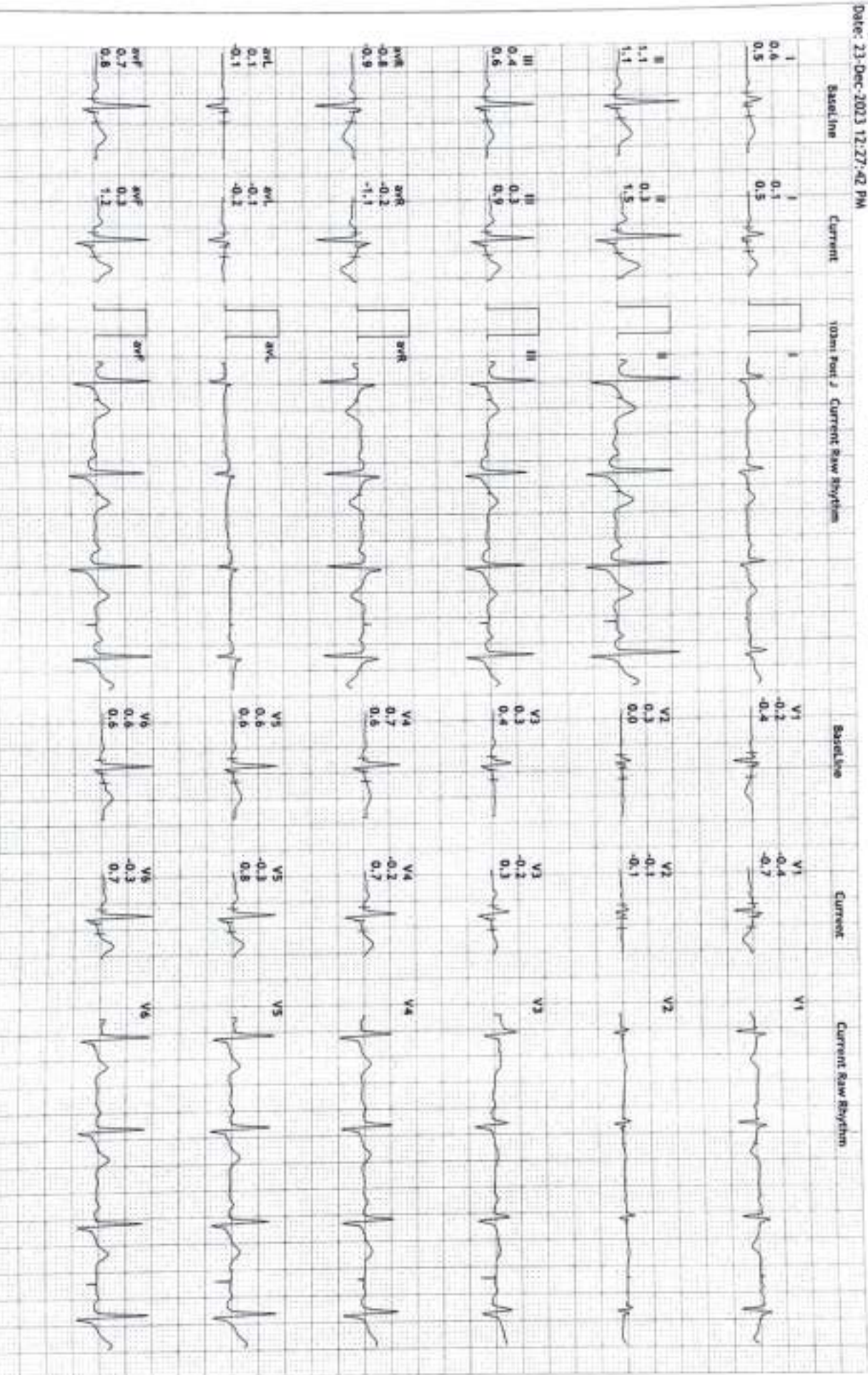
HR: 88 bpm
METTS: 1.0
BP: 124/84

MPHR: 46% of 190
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(1.0-100)Hz

Ex Time 15:26
BLC :On
Notch :On

Recovery(3:00)
10.0 mm/mV
25 mm/Sec.



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Date: 23-Dec-2023 12:27:42 PM

12 Lead + Comparison

HR: 78 bpm
METs: 1.0
BP: 120/84

MPHR: 41% of 150
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(1.0-100)Hz

Ex Time 15:26
aLTC :On
Notch :On

Recovery(3:25)
10.0 mm/mv
25 mm/Sec.

