

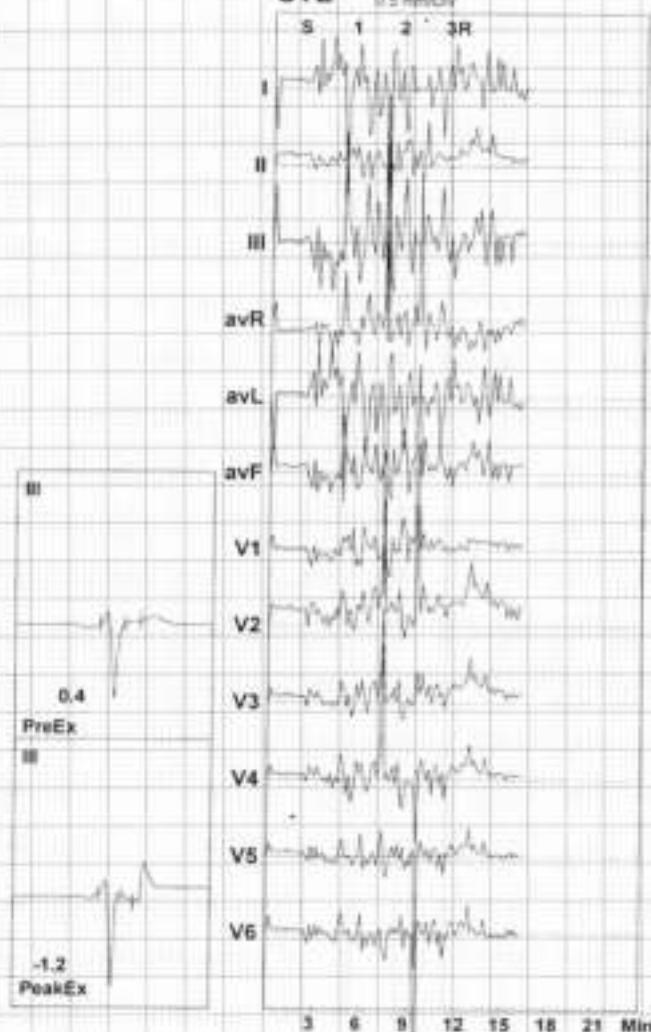


Protocol : BRUCE

History :

Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (mph)	Grade (%)	METs	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	82	128/86	104	-	
Standing					1.0	85	128/86	108	-	
HV					1.0	84	128/84	107	-	
ExStart					1.0	88	128/84	110	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	129	130/90	167	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	129	136/96	175	-	
Stage 3	3:00	9:01	3.4	14.0	10.2	164	142/98	232	-	
PeakEx	0:06	9:07	4.2	16.0	10.2	164	142/98	232	-	
Recovery	1:00		0.0	0.0	4.3	136	140/98	190	-	
Recovery	3:00		0.0	0.0	1.0	108	136/92	146	-	
Recovery	5:00		0.0	0.0	1.0	99	130/86	128	-	

STL



Findings :

Exercise Time : 09:07
Max HR Attained : 164 bpm 90% of Max Predictable HR 183
Max BP : 142/98(mmHg)
Max WorkLoad attained : 10.3(Good Effort Tolerance)

TMT negative for Ischemia
Dr. Ravi Kant Singla
MBBS, MD, DNB
Medical Specialist
Ex-Registrar CNC, LDH.

Advice/Comments:

ST Summary



Protocol : BRUCE

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STL (mm) 96 mSecs Post J	Supine	0.7	0.8	0.1	-0.8	0.3	0.4	0.0	1.1	0.5	0.4	0.3	0.3
	Standing	0.8	0.8	0.1	-0.7	0.2	0.5	0.1	1.2	0.5	0.4	0.3	0.3
	HV	0.6	0.8	0.2	-0.7	0.2	0.5	0.0	1.1	0.5	0.3	0.3	0.3
	ExStart	0.4	0.8	0.4	-0.6	0.0	0.6	0.0	1.0	0.4	0.3	0.2	0.2
	Stage 1	1.3	0.5	-0.9	-0.9	1.1	-0.1	-0.1	1.1	0.5	0.3	0.0	0.0
	Stage 2	1.3	0.9	-0.4	-1.1	0.9	0.2	-0.2	0.9	0.1	-0.3	0.0	0.0
	Stage 3	1.1	0.7	-0.5	-0.9	0.8	0.1	0.0	1.3	0.7	0.5	0.3	0.2
	PeakEx	1.7	0.5	-1.2	-1.1	1.4	-0.3	0.1	0.5	-0.3	-1.2	-1.2	-1.6
	Recovery	0.2	0.8	0.6	-0.5	-0.2	0.7	0.3	1.6	1.0	0.5	0.4	0.1
	Recovery	2.1	0.8	-1.4	-1.5	1.7	-0.3	0.3	1.4	0.7	0.3	0.1	-0.2
	Recovery	0.0	0.7	0.6	-0.3	-0.3	0.7	0.4	1.4	0.7	0.3	0.1	-0.1
STS mV/Sec.	Supine	0.1	0.9	0.5	-0.7	-0.1	0.7	-0.1	1.0	0.3	0.3	0.2	0.1
	Standing	0.4	0.9	0.4	-0.7	0.0	0.7	0.0	1.0	0.3	0.3	0.2	0.2
	HV	0.4	0.8	0.5	-0.6	-0.1	0.7	-0.1	1.0	0.3	0.2	0.2	0.2
	ExStart	0.4	0.8	0.4	-0.6	0.0	0.6	-0.1	0.8	0.3	0.3	0.2	0.2
	Stage 1	0.8	-1.1	-1.8	0.2	1.3	-1.3	-1.9	2.0	1.9	2.0	-0.5	-1.1
	Stage 2	3.8	2.5	-1.2	-3.1	2.5	0.6	0.2	0.1	-0.9	-1.6	-0.1	0.1
	Stage 3	2.6	1.8	-0.7	-2.2	1.7	0.5	0.0	2.2	1.1	1.0	0.5	0.2
	PeakEx	3.4	1.8	-1.5	-2.6	2.4	0.2	-0.2	1.6	0.7	0.1	0.0	-0.3
	Recovery	1.5	1.7	0.2	-1.6	0.6	0.9	0.5	2.5	1.8	1.4	1.2	0.9
	Recovery	1.7	1.1	-0.6	-1.4	1.1	0.2	0.3	1.6	0.9	0.6	0.4	0.1
	Recovery	0.4	0.9	0.4	-0.6	0.0	0.7	0.2	1.3	0.7	0.5	0.3	0.2

STI on Next Page

STI	μ Vs	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
	Supine	4.3	3.2	-0.8	-3.5	2.3	1.0	0.6	6.0	2.9	2.5	1.9	1.8
	Standing	2.8	3.0	0.1	-2.8	1.4	1.7	1.1	6.1	3.0	2.3	1.9	1.4
	HV	2.8	3.4	0.3	-3.1	1.1	1.9	0.8	5.6	2.9	1.8	1.6	1.4
	ExStart	1.2	3.5	2.4	-2.4	-0.6	3.0	0.9	5.4	2.4	1.3	0.9	0.8
	Stage 1	3.5	9.5	5.2	-6.4	-1.1	7.4	8.8	2.1	-3.2	-6.2	2.4	5.1
	Stage 2	3.8	-0.2	-4.4	-1.8	4.0	-2.7	-1.6	3.3	0.1	0.0	-0.3	0.2
	Stage 3	2.7	-0.4	-3.2	-1.1	2.8	-1.6	-0.7	2.9	1.7	1.1	0.2	0.2
	PeakEx	3.1	-1.1	-4.1	-1.0	3.6	-2.6	1.2	-0.7	-3.3	-7.4	-7.1	-8.7
	Recovery	-2.0	1.3	3.1	0.3	-2.5	2.3	1.2	4.9	2.5	0.5	-0.1	-1.1
	Recovery	11.1	1.8	-9.4	-6.4	10.2	-3.7	1.6	5.1	2.2	0.0	-0.8	-2.3
	Recovery	-1.6	2.0	3.4	-0.2	-2.5	2.8	2.4	6.3	2.7	0.7	-0.7	-1.4

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LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 123699/VIVEK HANS
 37 Yrs/Male
 90 Kg/175 Cms
 Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median



HR: 82 bpm
 METS: 1.0
 BP: 128/86

MPHR: 44% of 183
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

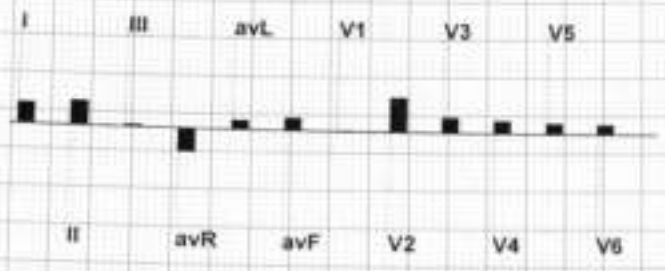
Ex Time 00:20
 BLC :On
 Notch :On

Supine
 10.0 mm/mV
 25 mm/Sec.

4X 87 mS Post J



Hans



LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 123699/VIVEK HANS
 37 Yrs/Male
 90 Kg/175 Cms
 Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median



HR: 85 bpm
 METS: 1.0
 BP: 128/86

MpHR: 46% of 183
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

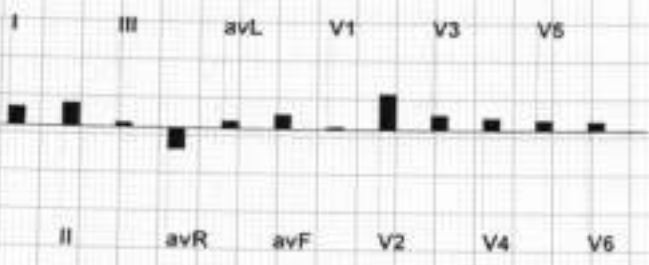
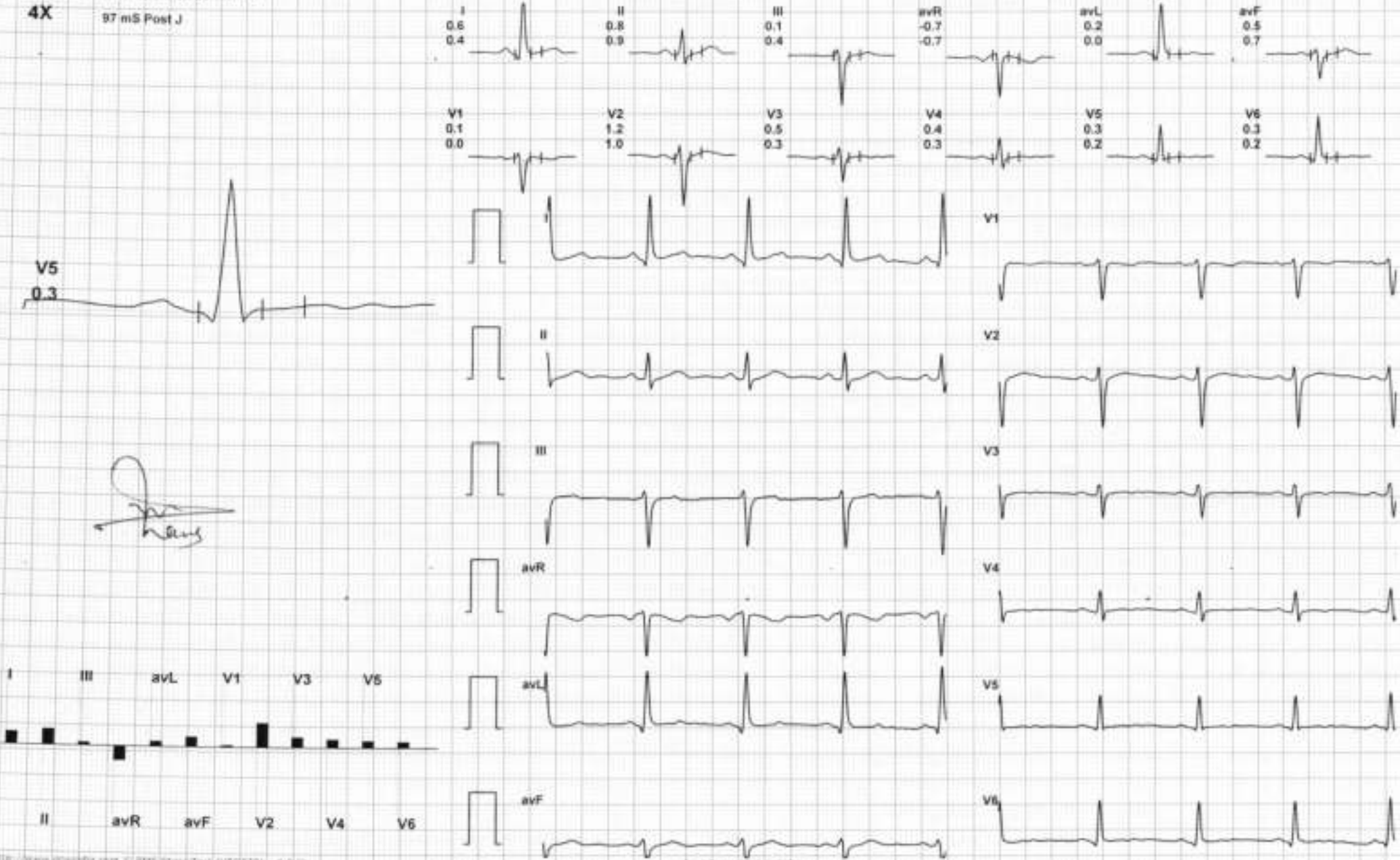
Ex Time 00:40
 BLC :On
 Notch :On

Standing
 10.0 mm/mV
 25 mm/Sec.

4X 97 mS Post J

V5
 0.3

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LIFELINE HOSPITAL
GILL ROAD, LUDHIANA

123699/VIVEK HANS
37 Yrs/Male
90 Kg/175 Cms

Date: 23-Feb-2024-10:51:36 AM

12 Lead + Median



HR: 84 bpm
METS: 1.0
BP: 128/84

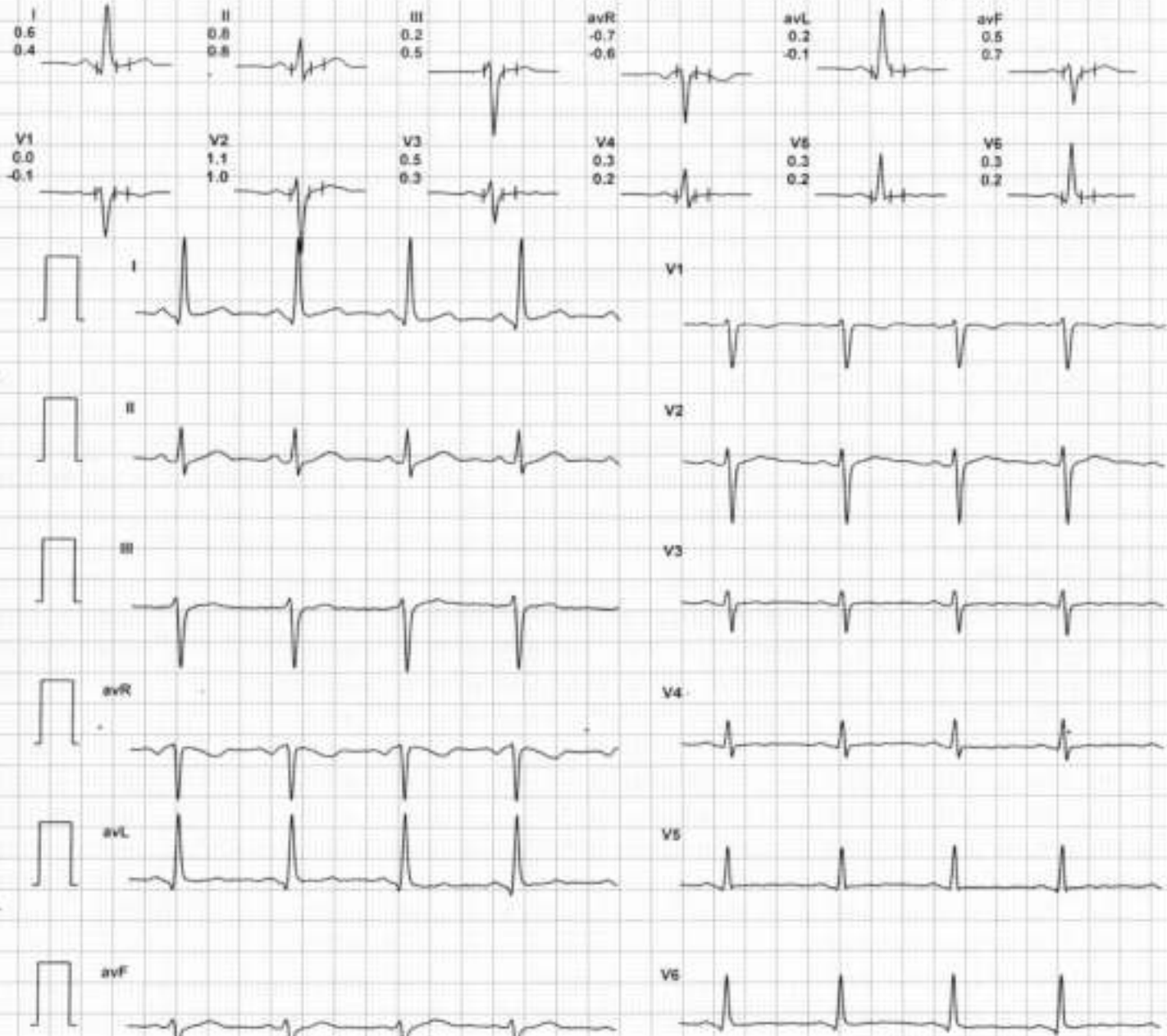
MPHR: 45% of 183
Speed: 0.0 mph
Grade: 0.0%

*Raw ECG
BRUCE
(0.05-100)Hz

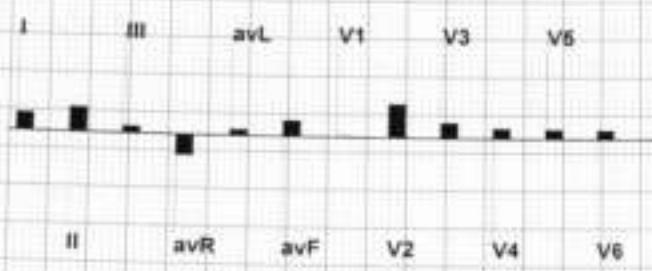
Ex Time 01:07
BLC :On
Notch :On

HV
10.0 mm/mV
25 mm/Sec.

4X 97 mS Post J



Signature
Hans



LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 123699/VIVEK HANS
 37 Yrs/Male
 90 Kg/175 Cms

Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median



HR: 88 bpm
 METS: 1.0
 BP: 126/84

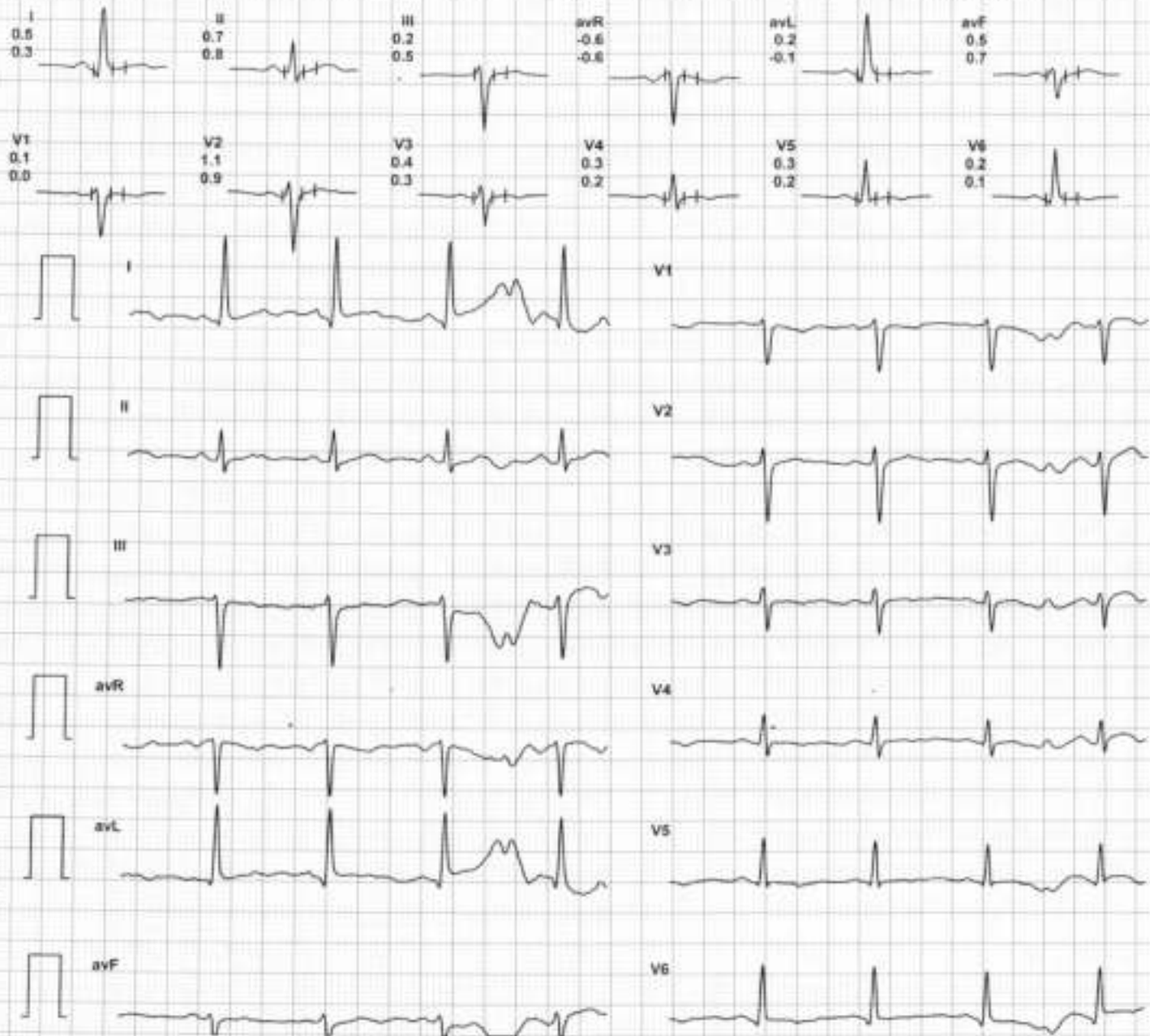
MpHR: 48% of 183
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

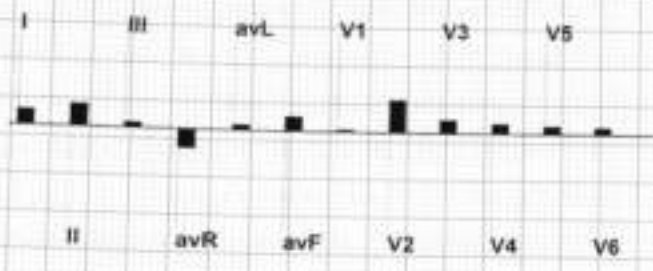
Ex Time 02:20
 BLC :On
 Notch :On

ExStart
 10.0 mm/mV
 25 mm/Sec.

4X 97 mS Post J



Hans



LIFELINE HOSPITAL
GILL ROAD, LUDHIANA
123699/VIVEK HANS
37 Yrs/Male
90 Kg/175 Cms
Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median



HR: 129 bpm
METS: 4.7
BP: 130/90

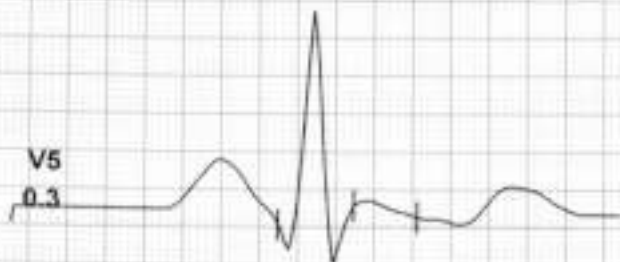
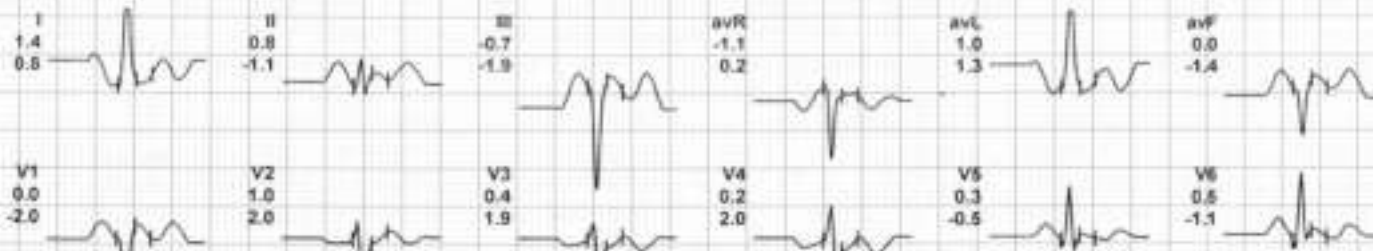
MpHR: 70% of 183
Speed: 1.7 mph
Grade: 10.0%

Raw ECG
BRUCE
(0.05-100)Hz

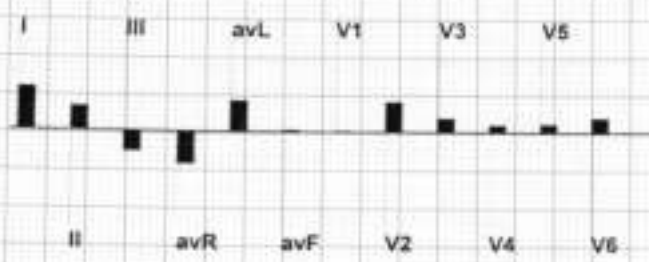
Ex Time 02:59
BLC : On
Notch : On

Stage 1 (03:00)
10.0 mm/mV
25 mm/Sec

4X 80 mS Post J



Hans



LIFELINE HOSPITAL
GILL ROAD, LUDHIANA

123699/VIVEK HANS
37 Yrs/Male
90 Kg/175 Cms
Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median



HR: 126 bpm
METS: 7.1
BP: 136/96

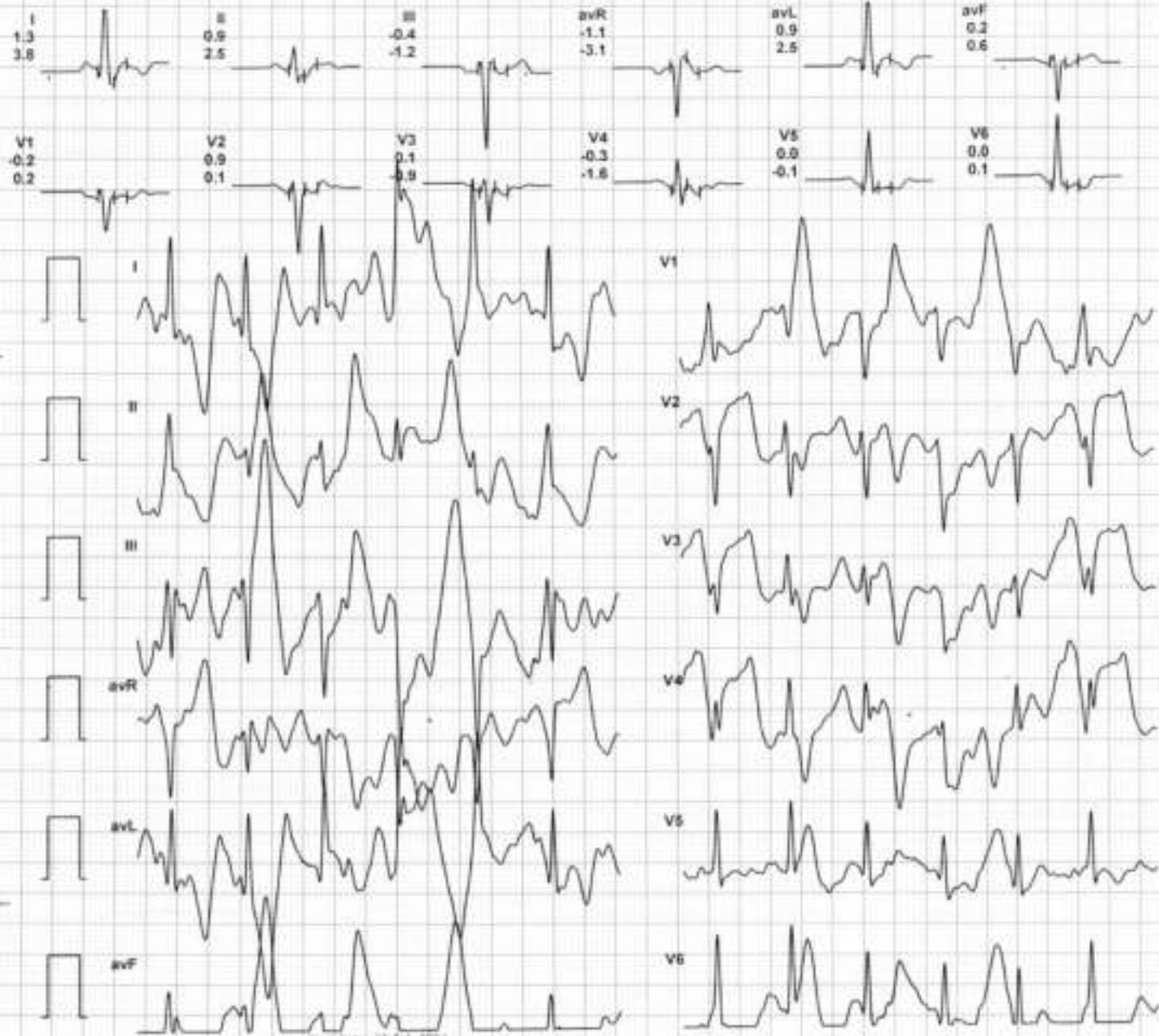
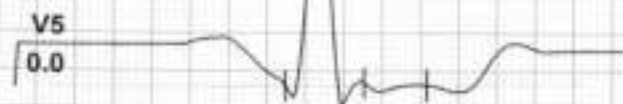
MPHR: 68% of 183
Speed: 2.5 mph
Grade: 12.0%

Raw ECG
BRUCE
(0.05-100)Hz

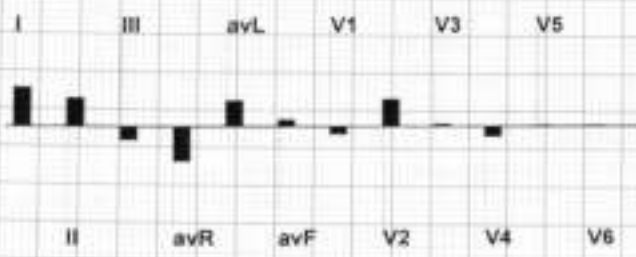
Ex Time 05:59
BLC :On
Notch :On

Stage 2 (03:00)
10.0 mm/mV
25 mm/Sec.

4X 80 mS Post J



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LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 123699/VIVEK HANS
 37 Yrs/Male
 90 Kg/175 Cms

Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median



HR: 164 bpm
 METS: 10.2
 BP: 142/98

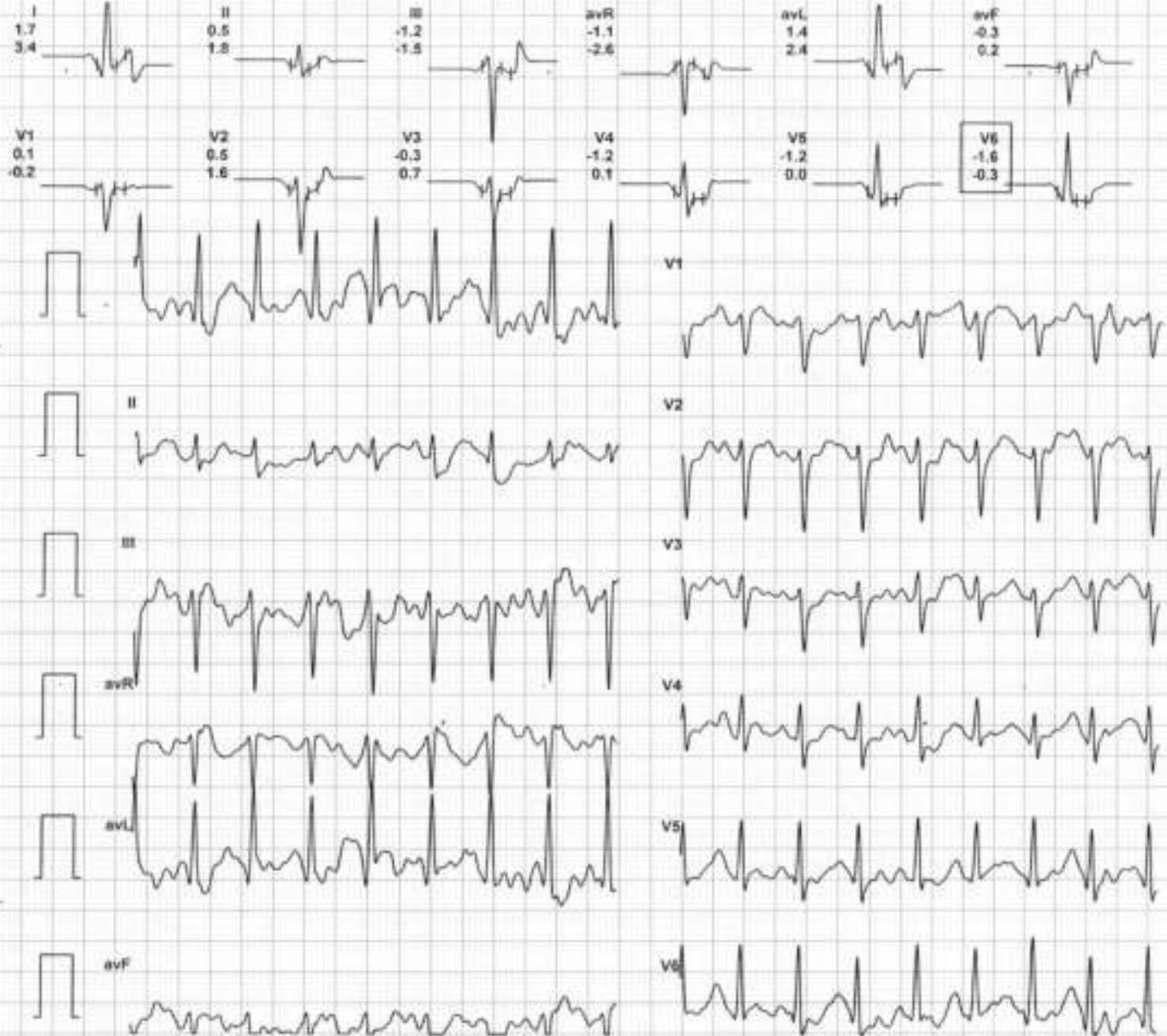
MPHR: 89% of 183
 Speed: 3.4 mph
 Grade: 14.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

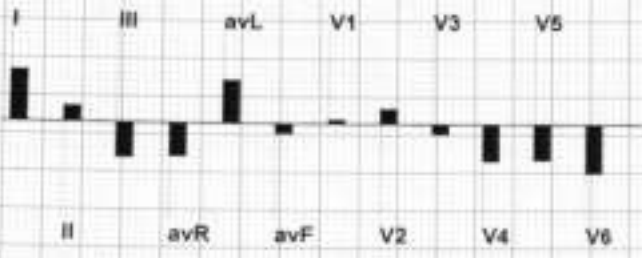
Ex Time 09:00
 BLC :On
 Notch :On

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

4X 97 mS Post J



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LIFELINE HOSPITAL
GILL ROAD, LUDHIANA

123699/VIVEK HANS
37 Yrs/Male
90 Kg/175 Cms

Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median

HR: 164 bpm
METS: 10.2
BP: 142/98

MpHR: 89% of 183
Speed: 4.2 mph
Grade: 16.0%

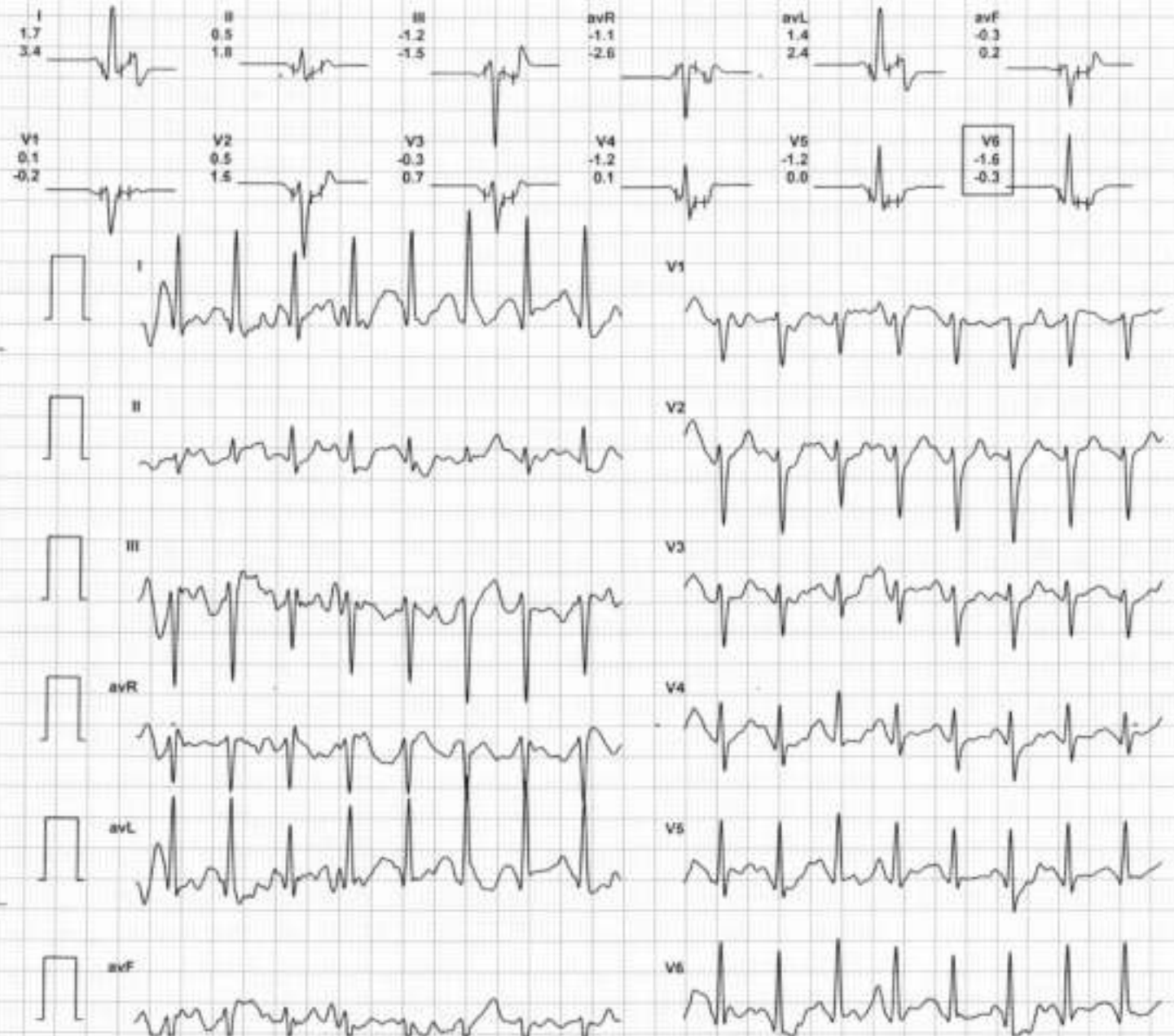
Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:06
BLC :On
Notch :On

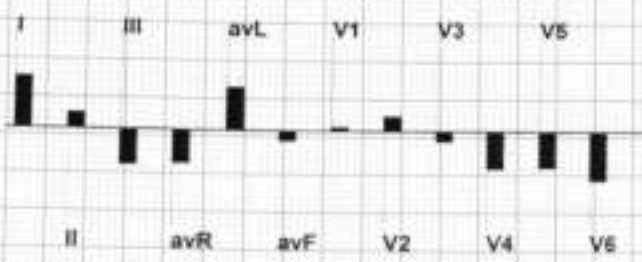
BRUCE:PeakEx(0:06)
10.0 mm/mV
25 mm/Sec.



4X 97 mS Post J



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LIFELINE HOSPITAL
GILL ROAD, LUDHIANA

123699/VIVEK HANS
37 Yrs/Male
90 Kg/175 Cms

Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median

HR: 136 bpm
METS: 4.3
BP: 140/98

MpHR: 74% of 183
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:07
BLC :On
Notch :On

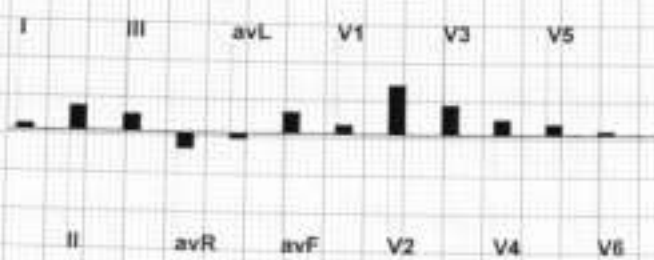
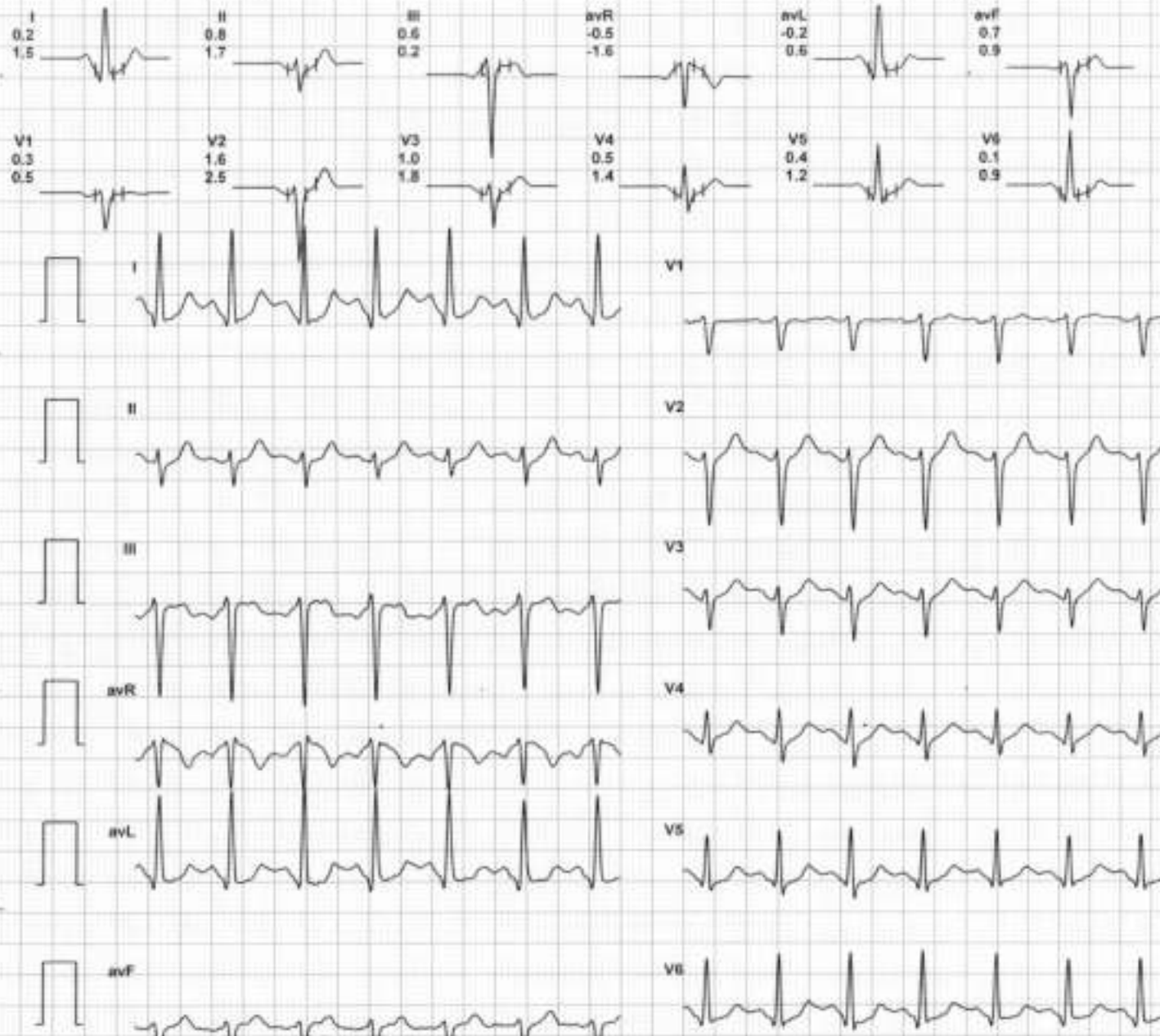
Recovery(1:00)
10.0 mm/mV
25 mm/Sec.



4X 97 ms Post J



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LIFELINE HOSPITAL
GILL ROAD, LUDHIANA

123699/VIVEK HANS
37 Yrs/Male
90 Kg/175 Cms

Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median



HR: 108 bpm
METS: 1.0
BP: 136/92

MPHR: 59% of 183
Speed: 0.0 mph
Grade: 0.0%

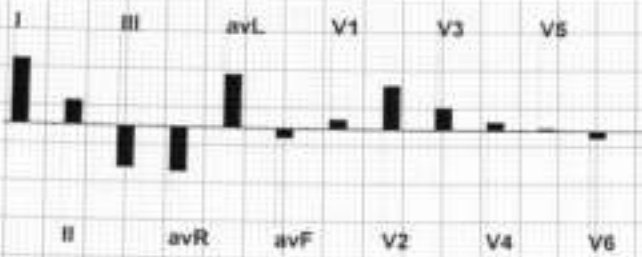
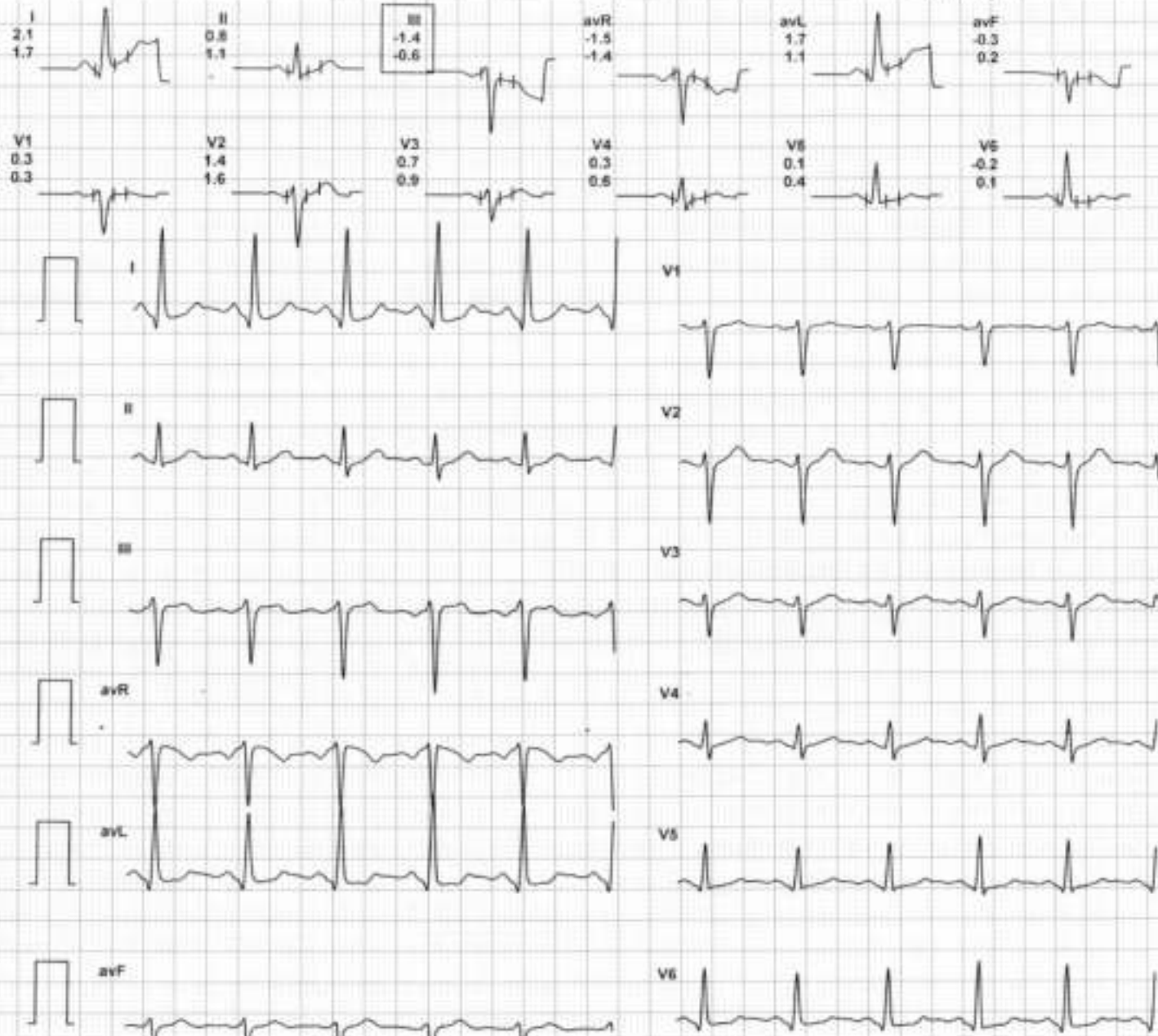
Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:07
BLC : On
Notch : On

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

4X 97 ms Post J

V5
0.1



Hans

LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 123699/VIVEK HANS
 37 Yrs/Male
 90 Kg/175 Cms

Date: 23-Feb-2024 10:51:36 AM

12 Lead + Median



HR: 99 bpm
 METS: 1.0
 BP: 130/86

MpHR: 54% of 183
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 09:07
 BLC :On
 Notch :On

Recovery(5:00)
 10.0 mm/mV
 25 mm/Sec.

4X 87 mS Post J

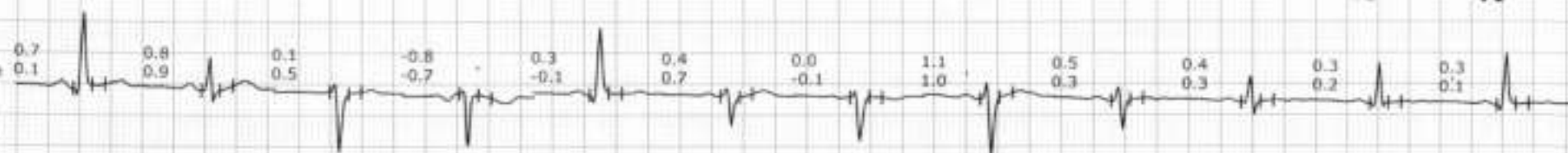




I II III avR avL avF V1 V2 V3 V4 V5 V6

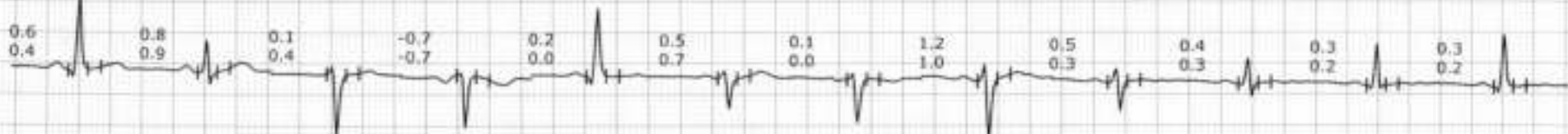
Supine

(1) 0:00 0.0 mph 0.1
(2) 0:00 0.0 %
82 bpm 128/86



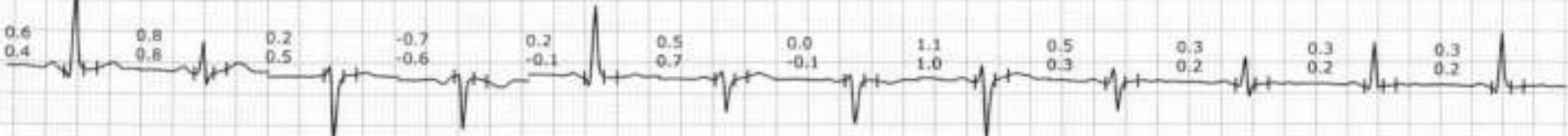
Standing

(1) 0:00 0.0 mph 0.4
(2) 0:00 0.0 %
85 bpm 128/86



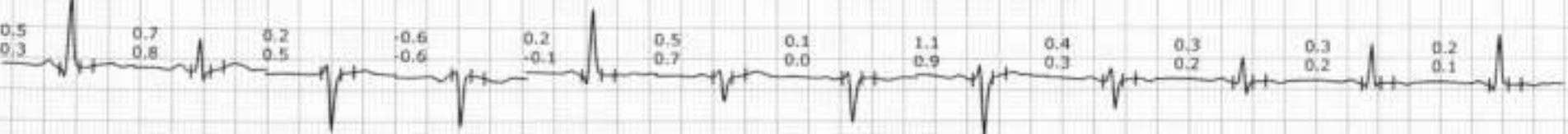
HV

(1) 0:00 0.0 mph 0.4
(2) 0:00 0.0 %
84 bpm 128/84



ExStart

(1) 0:00 0.0 mph 0.3
(2) 0:00 0.0 %
88 bpm 126/84



Stage 1

(1) 3:00 1.7 mph 0.8
(2) 3:00 10.0 %
129 bpm 130/90



Stage 2

(1) 6:00 2.5 mph 1.6
(2) 3:00 12.0 %
129 bpm 136/96

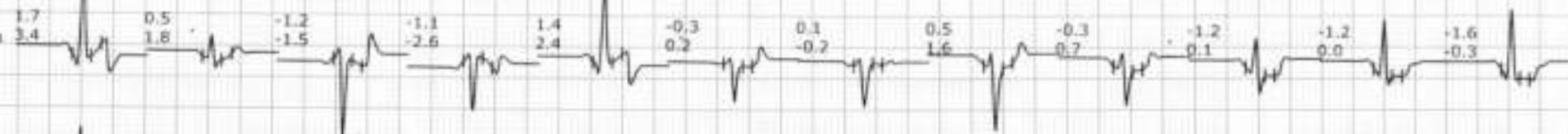




I II III avR avL avF V1 V2 V3 V4 V5 V6

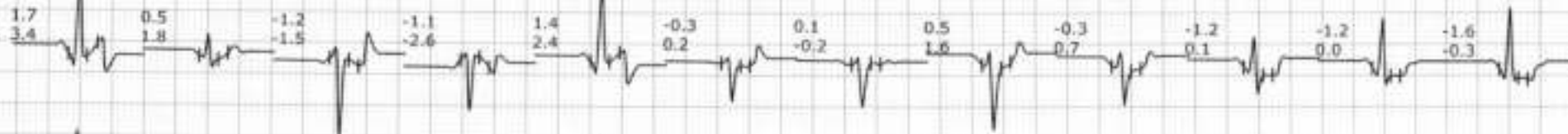
Stage 3

(1) 9:00 3.4 mph 3.4
(2) 3:00 14.0 %
164 bpm 142/98



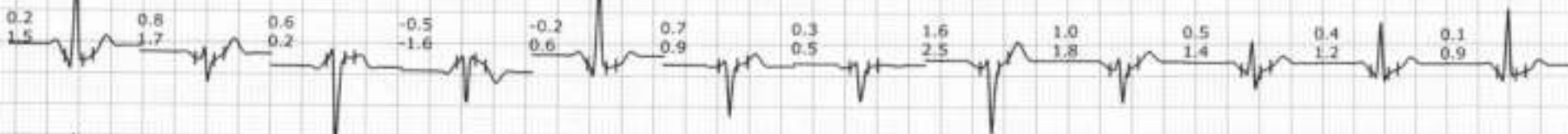
PeakEx

(1) 9:06 4.2 mph 3.4
(2) 0:06 16.0 %
164 bpm 142/98



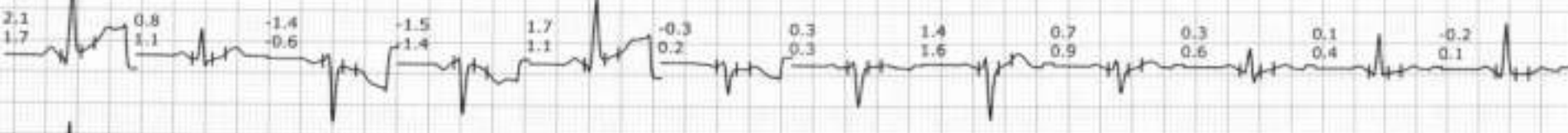
Recovery

(1) 9:07 0.0 mph 1.5
(2) 1:00 0.0 %
136 bpm 140/98



Recovery

(1) 9:07 0.0 mph 1.7
(2) 3:00 0.0 %
108 bpm 136/92



Recovery

(1) 9:07 0.0 mph 0.4
(2) 5:00 0.0 %
99 bpm 130/86

