

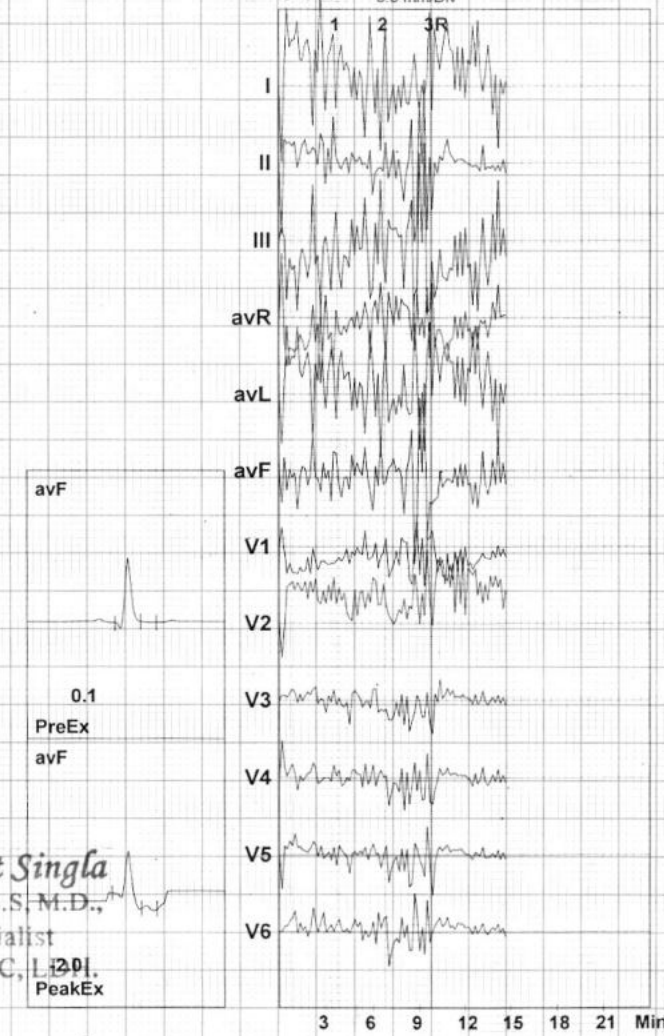


Protocol : BRUCE

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	91	130/80	118	-	
Standing					1.0	92	130/80	119	-	
HV					1.0	92	130/80	119	-	
ExStart					1.0	99	130/80	128	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	129	134/84	172	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	138	136/86	187	-	
Stage 3	3:00	9:01	3.4	14.0	10.2	180	142/92	255	-	
PeakEx	0:03	9:04	4.2	16.0	10.2	178	142/92	252	-	
Recovery	1:00		0.0	0.0	4.3	150	142/92	213	-	
Recovery	3:00		0.0	0.0	1.0	141	130/80	183	-	
Recovery	5:00		0.0	0.0	1.0	127	130/80	165	-	
Recovery					0.0	0	---/---	0	-	

STL 0.5 mm/Div



Findings :

Exercise Time :09:04
Max HR Attained :180 bpm 94% of Max Predictable HR 191
Max BP : 142/92(mmHg)
Max WorkLoad attained :10.3(Good Effort Tolerance)

TMT negative for ischemia

Dr. Ravi Kant Singla
M.B.B.S., M.D.,
Medical Specialist
Ex-Registrar CMC, L301, PeakEx

Advice/Comments:



Protocol : BRUCE

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STL ⁺ (mm) 80 mSecs Post J	Supine	-4.9	-4.6	1.0	4.2	-3.3	-2.1	1.3	-2.2	0.3	2.4	-2.2	0.0
	Standing	2.6	1.1	-1.5	-1.9	2.1	-0.2	-1.4	2.7	0.4	0.4	0.7	0.7
	HV	2.6	1.1	-1.5	-1.9	2.1	-0.2	-1.4	2.7	0.4	0.4	0.7	0.7
	ExStart	2.5	1.4	-1.2	-2.0	1.9	0.1	-1.1	2.5	0.4	0.5	0.9	0.7
	Stage 1	-1.4	0.4	1.8	0.5	-1.6	1.1	-0.9	1.3	-0.3	0.1	-0.7	0.5
	Stage 2	1.0	-0.1	-1.1	-0.5	1.0	-0.6	-0.2	2.1	-0.7	0.1	0.2	0.8
	Stage 3	3.9	-0.3	-4.3	-1.8	4.2	-2.3	0.6	1.6	-1.5	-1.8	-0.8	-1.1
	PeakEx	3.9	-0.3	-4.3	-1.8	4.2	-2.3	0.6	1.6	-1.5	-1.8	-0.8	-1.1
	Recovery	3.5	1.1	-2.5	-2.3	3.0	-0.7	-1.9	2.6	0.4	0.3	0.5	0.6
	Recovery	0.4	-0.7	-1.0	0.1	0.7	-0.9	-0.6	2.8	0.1	0.1	0.0	0.2
	Recovery	0.3	-0.7	-1.0	0.1	0.7	-0.9	-0.7	2.2	-0.3	-0.3	-0.3	-0.3
STS mV/Sec.	Supine	1.5	5.8	4.2	-3.6	-1.3	5.0	-0.7	0.2	2.1	2.1	2.6	2.0
	Standing	2.0	0.7	-1.3	-1.3	1.7	-0.4	-1.1	2.4	0.3	0.3	0.5	0.6
	HV	2.0	0.7	-1.3	-1.3	1.7	-0.4	-1.1	2.4	0.3	0.3	0.5	0.6
	ExStart	1.9	0.8	-1.1	-1.4	1.6	-0.2	-1.0	1.9	0.3	0.3	0.6	0.5
	Stage 1	2.6	1.3	-1.3	-2.0	2.0	0.0	-0.6	1.5	-0.4	-0.3	-0.6	0.4
	Stage 2	1.9	1.7	-0.2	-1.7	1.0	0.7	-1.3	2.2	-0.1	0.8	0.0	0.3
	Stage 3	1.9	0.4	-1.5	-1.2	1.7	-0.5	-0.1	3.4	-0.6	0.8	0.0	0.3
	PeakEx	1.9	0.4	-1.5	-1.2	1.7	-0.5	-0.1	3.4	-0.6	0.8	0.0	0.3
	Recovery	4.5	2.2	-2.4	-3.4	3.5	-0.1	-2.1	2.9	1.1	0.9	1.1	1.1
	Recovery	1.8	0.4	-1.6	-1.2	1.8	-0.6	-1.2	3.7	0.5	0.5	0.6	0.8
	Recovery	0.9	-0.2	-1.2	-0.4	1.1	-0.7	-0.8	2.2	-0.1	-0.2	0.0	0.1

STI on Next Page

STI	μVs	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
	Supine	-2.5	-16.4	-8.7	3.8	1.3	-15.1	0.4	-20.6	11.3	28.3	-10.9	6.4
	Standing	13.0	6.1	-6.9	-9.5	10.0	-0.5	-7.2	12.7	2.5	2.2	3.2	3.0
	HV	13.0	6.1	-6.9	-9.5	10.0	-0.5	-7.2	12.7	2.5	2.2	3.2	3.0
	ExStart	13.0	7.5	-5.5	-10.3	9.3	1.0	-4.6	12.6	2.4	2.8	4.8	3.7
	Stage 1	-19.6	1.1	20.8	9.1	-20.2	10.9	-6.0	3.6	-0.3	1.7	-4.4	2.9
	Stage 2	2.7	-3.2	-5.9	0.0	4.3	-4.5	1.6	7.2	-4.8	-0.6	1.7	4.6
	Stage 3	19.9	-1.6	-21.5	-9.6	21.4	-11.6	2.9	2.7	-7.4	-12.2	-4.2	-8.5
	PeakEx	19.9	-1.6	-21.5	-9.6	21.4	-11.6	2.9	2.7	-7.4	-12.2	-4.2	-8.5
	Recovery	12.9	1.3	-11.5	-7.1	12.1	-5.2	-7.7	12.0	0.0	-0.2	0.8	1.6
	Recovery	-2.6	-5.2	-2.5	3.7	-0.1	-3.9	-0.7	8.4	-0.5	-0.7	-1.1	-0.1
	Recovery	-0.2	-4.2	-4.1	2.0	1.9	-4.2	-2.6	9.0	-1.9	-1.5	-1.9	-2.8

LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 798/VIKRAMJEET SINGH
 29 Yrs/Male
 84 Kg/181 Cms
 Date: 29-Dec-2022 10:50:21 AM

12 Lead + Median



HR: 91 bpm
 METS: 1.0
 BP: 130/80

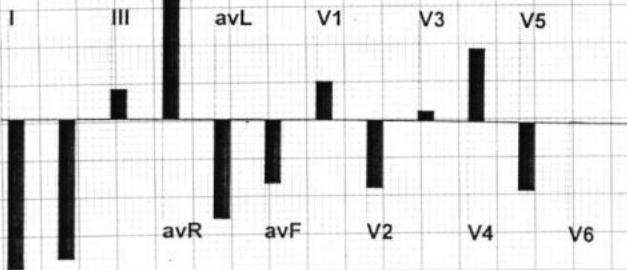
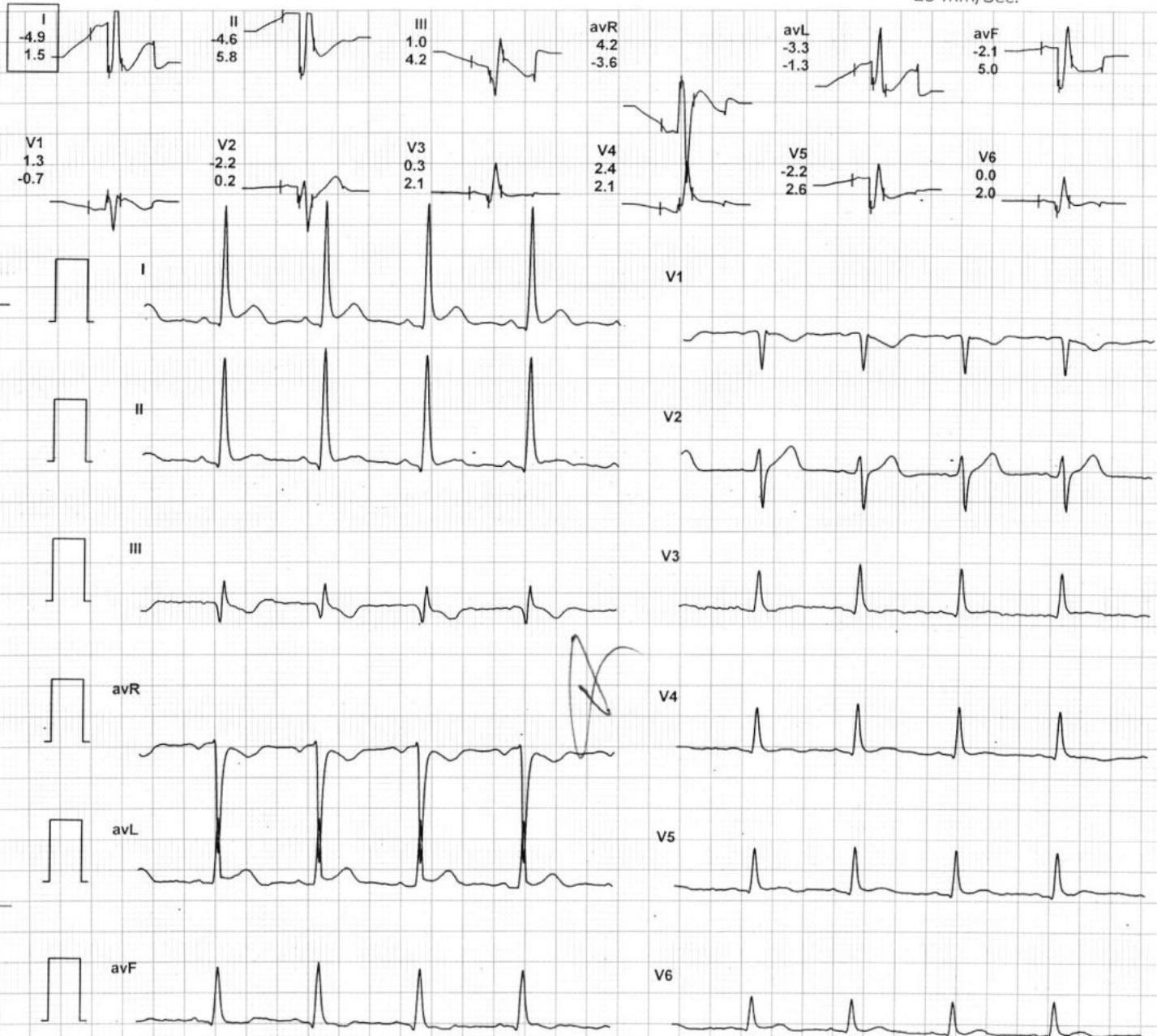
MPHR: 47% of 191
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 00:15
 BLC :On
 Notch :On

Supine
 10.0 mm/mV
 25 mm/Sec.

4X - 80 mS Post J





HR: 92 bpm
METS: 1.0
BP: 130/80

MPHR:48% of 191
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

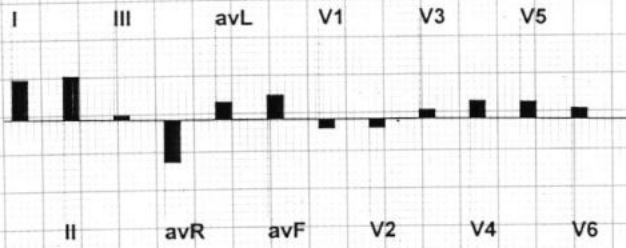
Ex Time 00:26
BLC :On
Notch :On

STANDING
10.0 mm/mV
25 mm/Sec.

4X 80 mS Post J



V5
0.5



LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 798/VIKRAMJEET SINGH
 29 Yrs/Male
 84 Kg/181 Cms
 Date: 29-Dec-2022 10:50:21 AM

12 Lead + Median



HR: 92 bpm
 METS: 1.0
 BP: 130/80

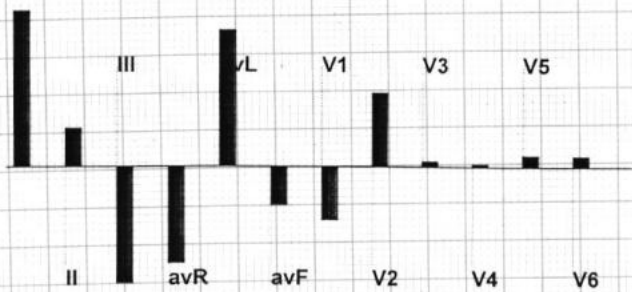
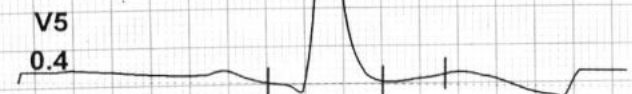
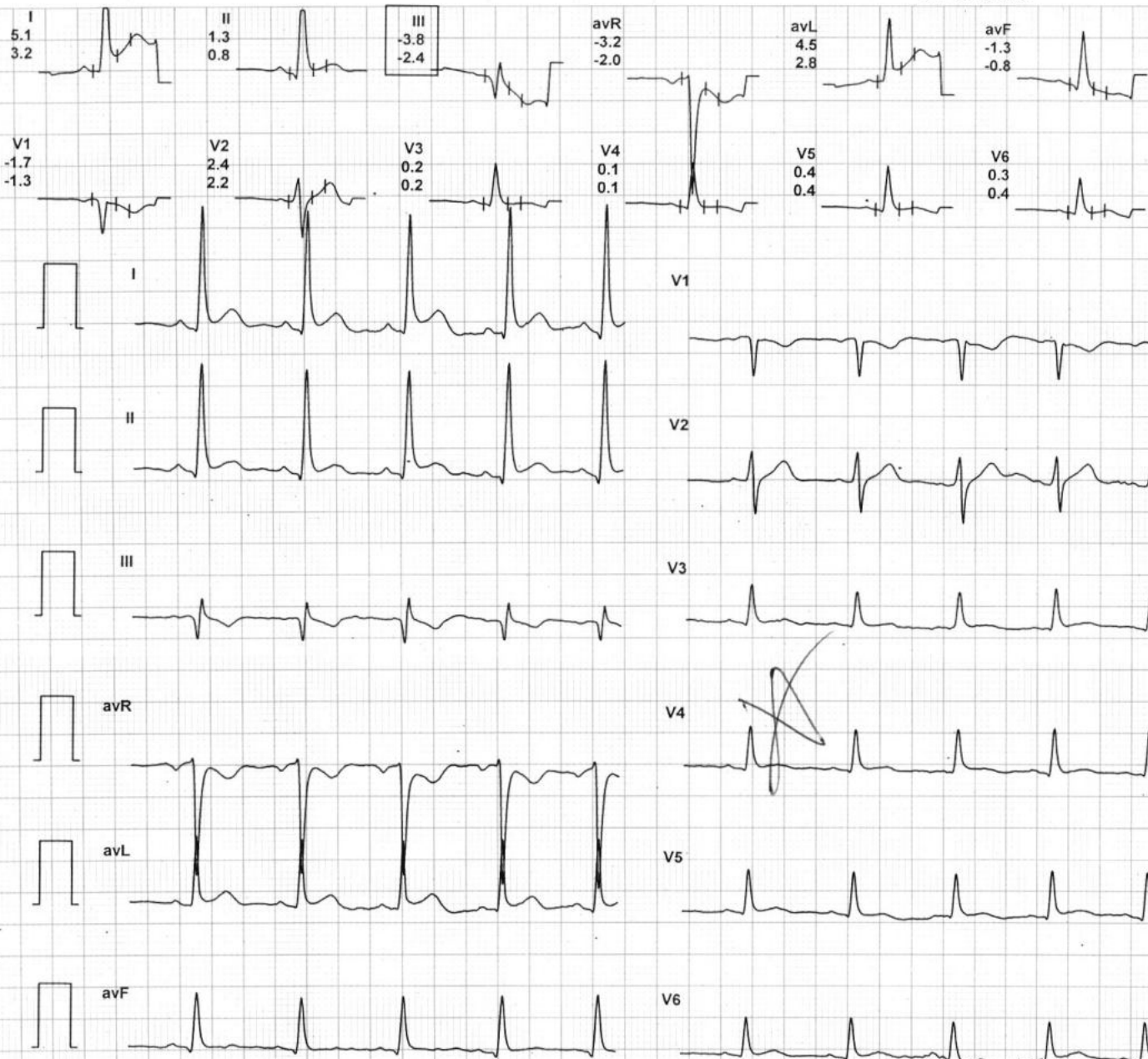
MPHR: 48% of 191
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 00:29
 BLC :On
 Notch :On

HV
 10.0 mm/mV
 25 mm/Sec.

4X 80 mS Post J





HR: 99 bpm
METS: 1.0
BP: 130/80

MPHR: 51% of 191
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 00:42
BLC :On
Notch :On

ExStart
10.0 mm/mV
25 mm/Sec.

4X 80 mS Post J



LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 798/VIKRAMJEET SINGH
 29 Yrs/Male
 84 Kg/181 Cms
 Date: 29-Dec-2022 10:50:21 AM

12 Lead + Median

HR: 129 bpm
 METS: 4.7
 BP: 134/84

MPHR: 67% of 191
 Speed: 1.7 mph
 Grade: 10.0%

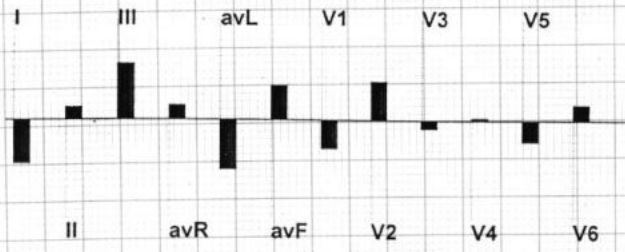
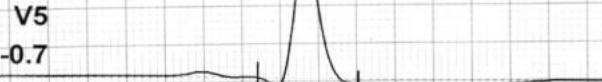
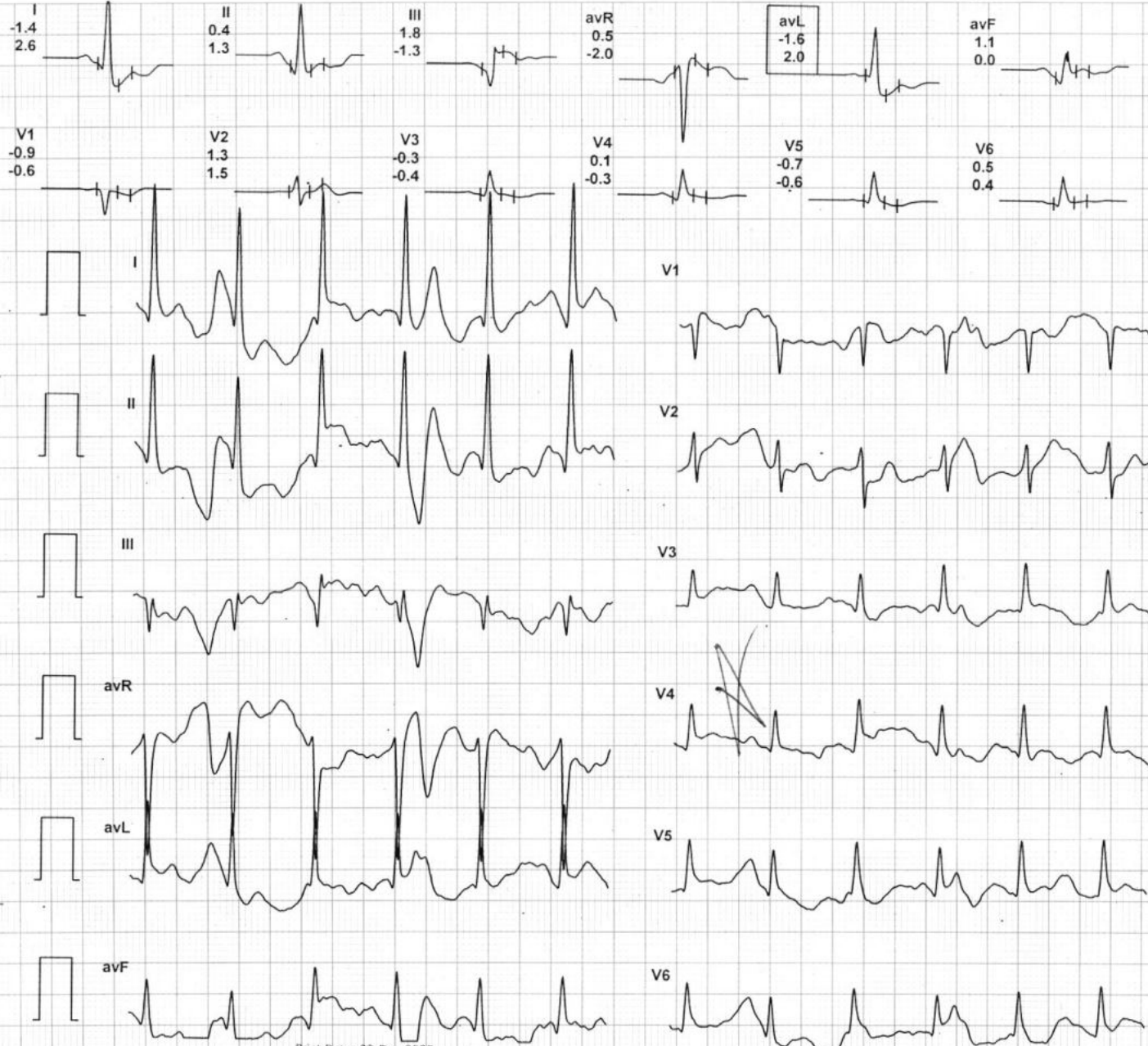
Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 03:00
 BLC :On
 Notch :On

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



4X 80 mS Post J



LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 798/VIKRAMJEET SINGH
 29 Yrs/Male
 84 Kg/181 Cms
 Date: 29-Dec-2022 10:50:21 AM

12 Lead + Median



HR: 140 bpm
 METS: 7.1
 BP: 136/86

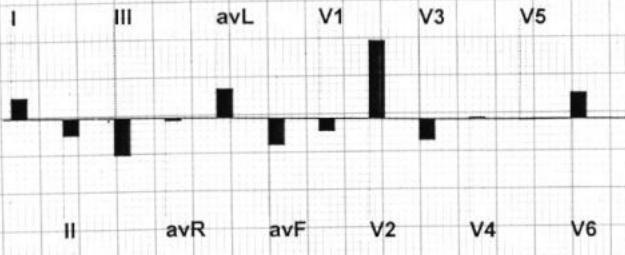
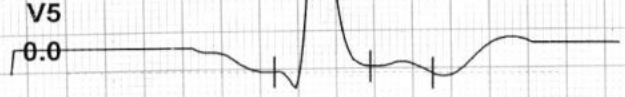
MPHR: 73% of 191
 Speed: 2.5 mph
 Grade: 12.0%

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



LIFELINE HOSPITAL
 GILL ROAD, LUDHIANA
 798/VIKRAMJEET SINGH
 29 Yrs/Male
 84 Kg/181 Cms
 Date: 29-Dec-2022 10:50:21 AM

12 Lead + Median



HR: 137 bpm
 METS: 7.2
 BP: 136/86

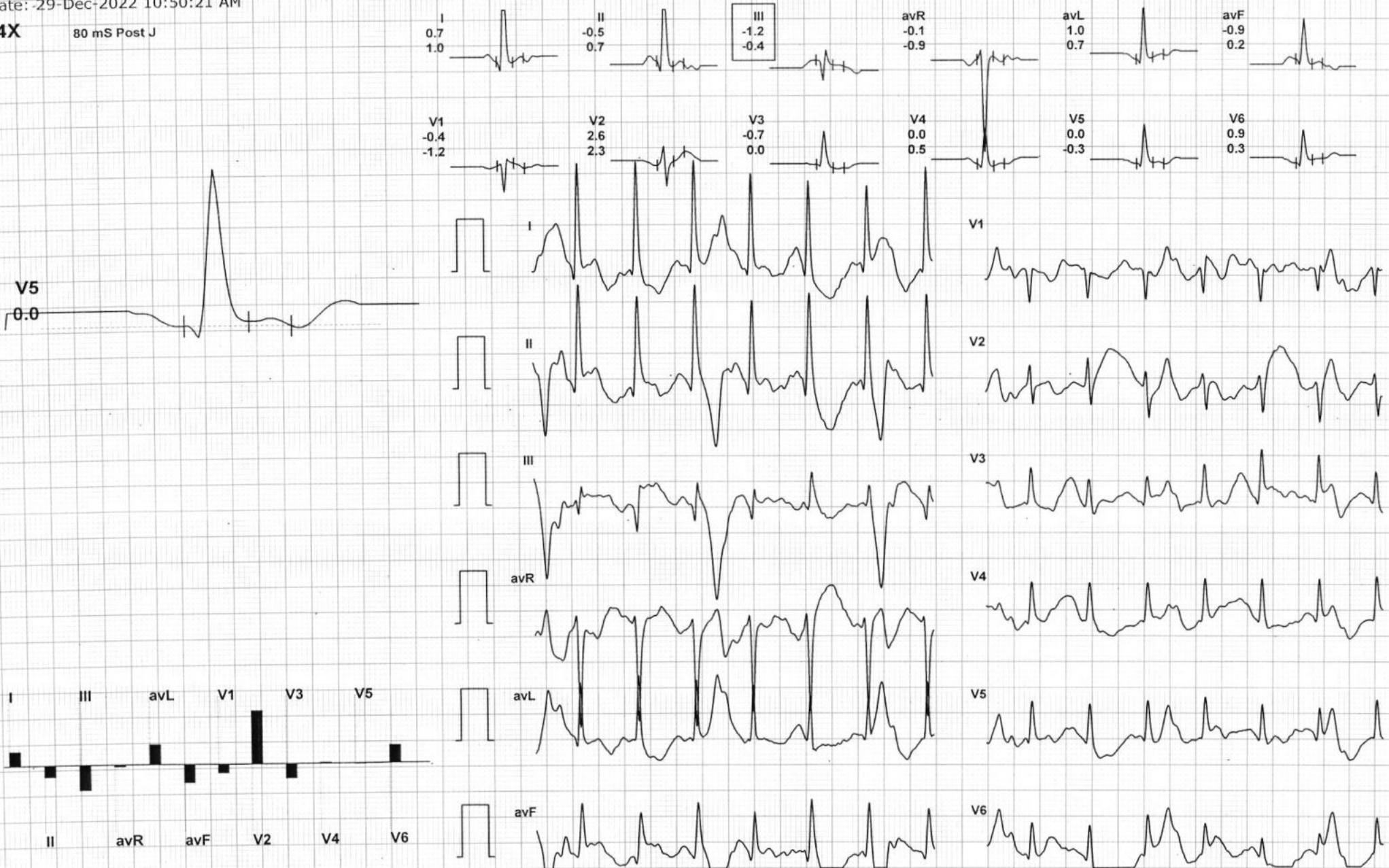
MPHR: 71% of 191
 Speed: 3.4 mph
 Grade: 14.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 06:05
 BLC :On
 Notch :On

Stage 3 (08:00)
 10.0 mm/mV
 25 mm/Sec.

4X 80 mS Post J





HR: 178 bpm
METS: 10.2
BP: 142/92

MPHR: 93% of 191
Speed: 4.2 mph
Grade: 16.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:03
BLC :On
Notch :On

BRUCE:PeakEx(0:03)
10.0 mm/mV
25 mm/Sec.

4X 80 mS Post J



HR: 150 bpm
METS: 4.3
BP: 142/92

MPHR: 78% of 191
Speed: 0.0 mph
Grade: 0.0%

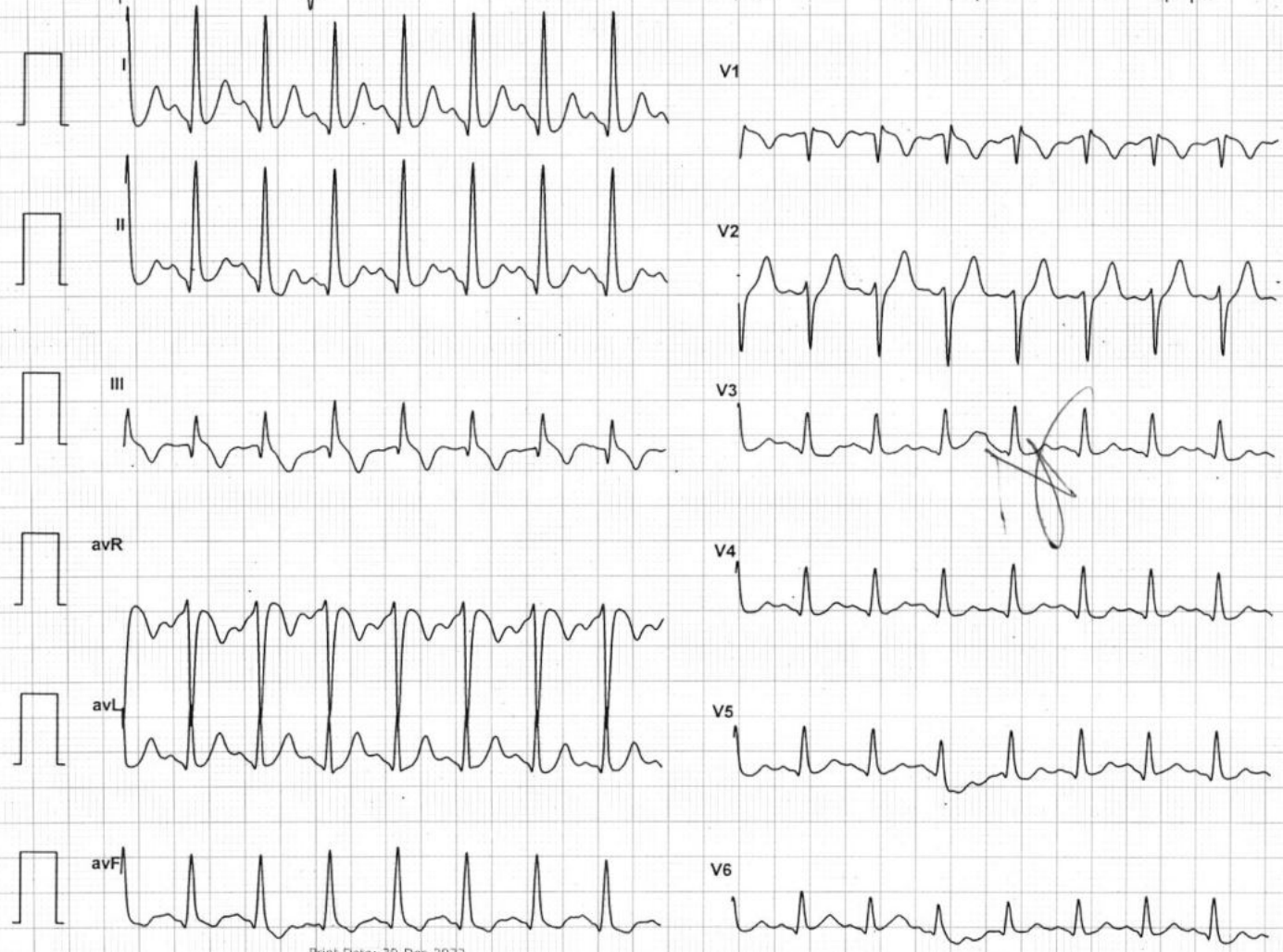
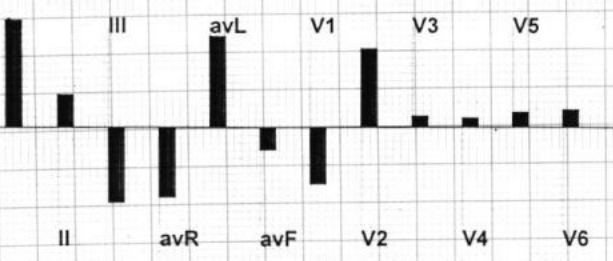
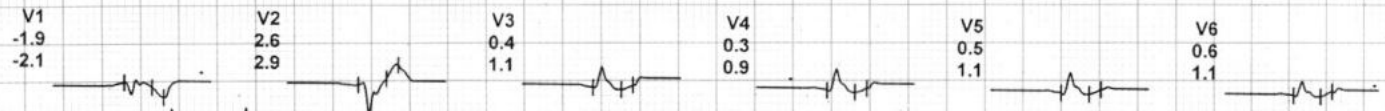
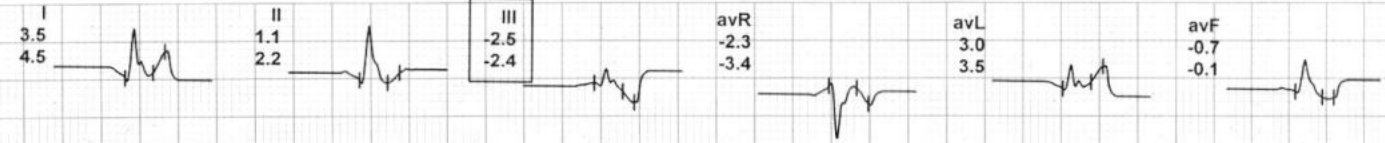
Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:04
BLC : On
Notch : On

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



4X 80 mS Post J



HR: 144 bpm
METS: 1.0
BP: 130/80

MPHR: 75% of 191
Speed: 0.0 mph
Grade: 0.0%

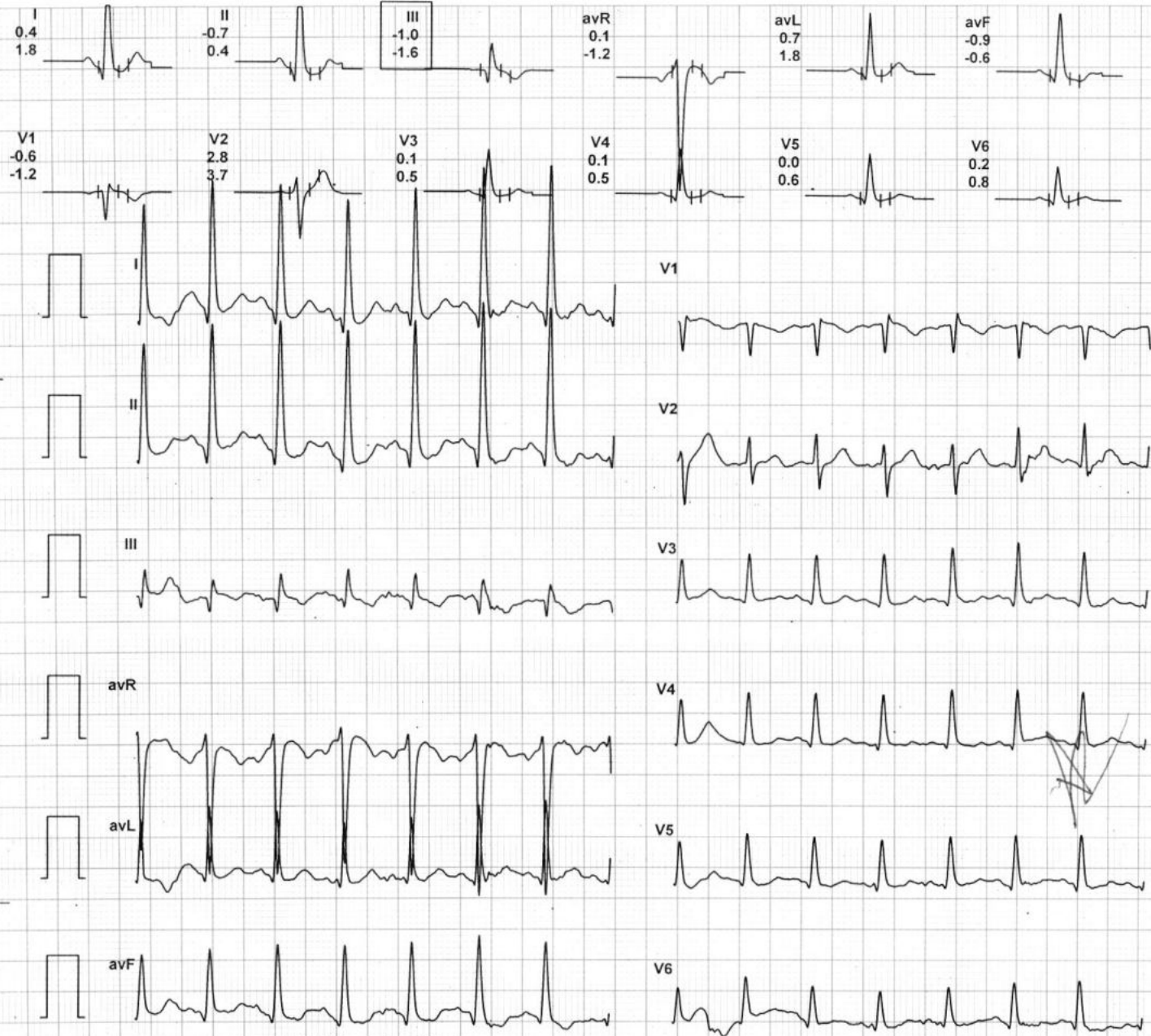
Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:03
BLC :On
Notch :On

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



4X 80 mS Post J



LIFELINE HOSPITAL
GILL ROAD, LUDHIANA
798/VIKRAMJEET SINGH
29 Yrs/Male
84 Kg/181 Cms
Date: 29-Dec-2022 10:50:21 AM

12 Lead + Median



HR: 127 bpm
METS: 1.0
BP: 130/80

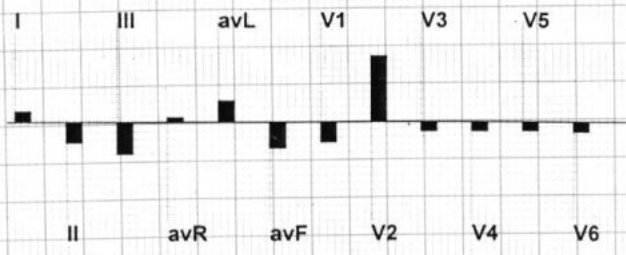
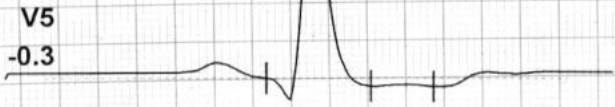
MPHR: 66% of 191
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:04
BLC :On
Notch :On

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

4X 80 mS Post J

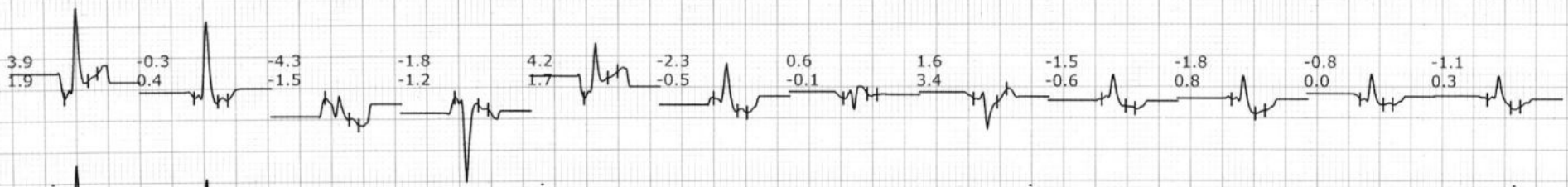




I II III avR avL avF V1 V2 V3 V4 V5 V6

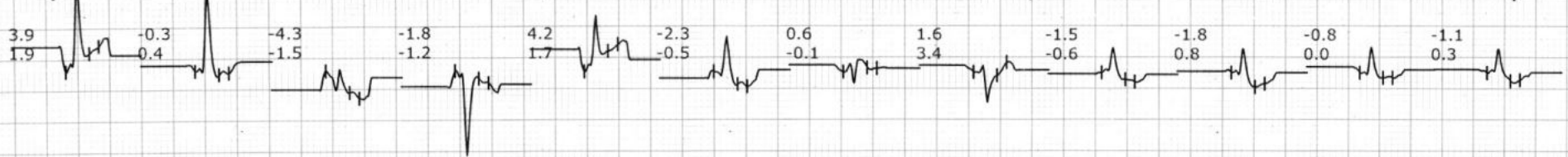
Stage 3

(1) 9:00 3.4 mph
(2) 3:00 14.0 %
180 bpm 142/92



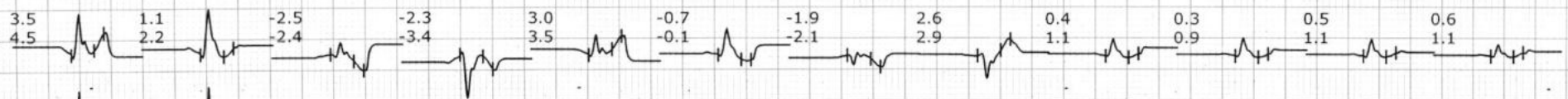
PeakEx

(1) 9:03 4.2 mph
(2) 0:03 16.0 %
178 bpm 142/92



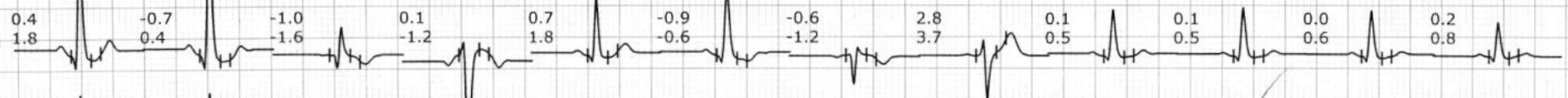
Recovery

(1) 9:04 0.0 mph
(2) 1:00 0.0 %
150 bpm 142/92



Recovery

(1) 9:04 0.0 mph
(2) 3:00 0.0 %
141 bpm 130/80



Recovery

(1) 9:04 0.0 mph
(2) 5:00 0.0 %
127 bpm 130/80

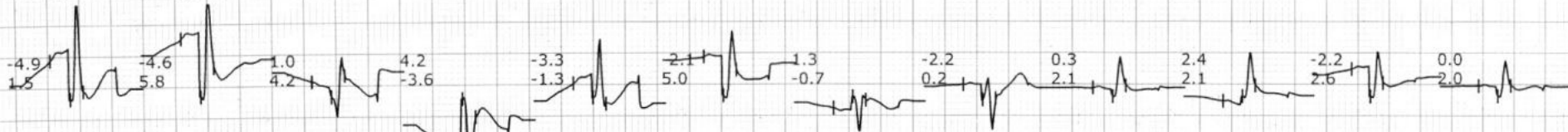




I II III avR avL avF V1 V2 V3 V4 V5 V6

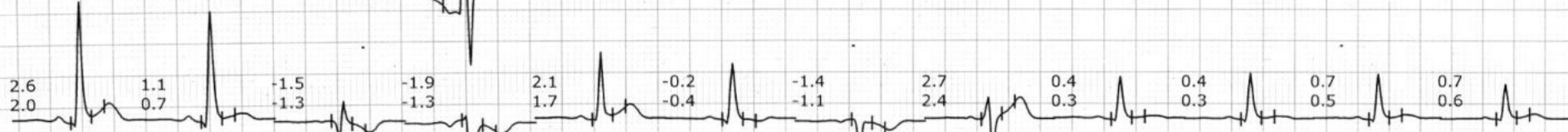
Supine

(1) 0:00 0.0 mph
(2) 0:00 0.0 %
91 bpm 130/80



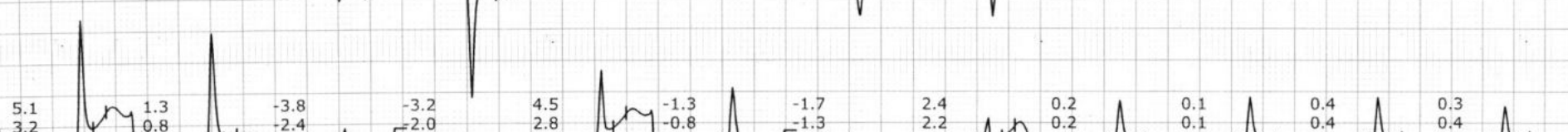
Standing

(1) 0:00 0.0 mph
(2) 0:00 0.0 %
92 bpm 130/80



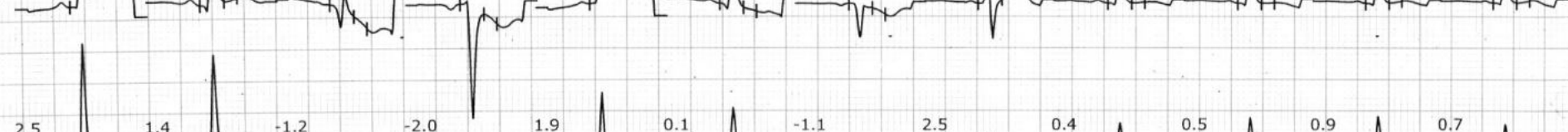
HV

(1) 0:00 0.0 mph
(2) 0:00 0.0 %
92 bpm 130/80



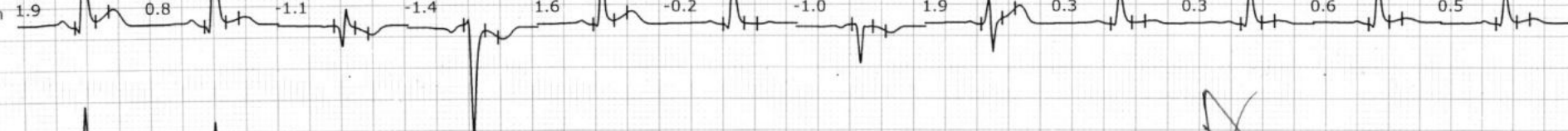
ExStart

(1) 0:00 0.0 mph
(2) 0:00 0.0 %
99 bpm 130/80



Stage 1

(1) 3:00 1.7 mph
(2) 3:00 10.0 %
129 bpm 134/84



Stage 2

(1) 6:00 2.5 mph
(2) 3:00 12.0 %
138 bpm 136/86

