



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	88	110/70	96	-	
Standing					1.0	79	110/70	86	-	
HV					1.0	77	110/70	84	-	
ExStart					1.0	83	110/70	91	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	144	122/80	175	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	159	130/90	206	-	
PeakEx	1:10	7:11	0.0	0.0	8.1	167	136/96	227	-	
Recovery	1:00		0.0	0.0	1.2	132	136/96	179	-	
Recovery	3:00		0.0	0.0	1.0	112	132/90	147	-	
Recovery	5:00		0.0	0.0	1.0	115	126/82	144	-	
Recovery					0.0	0	---/---	0	-	

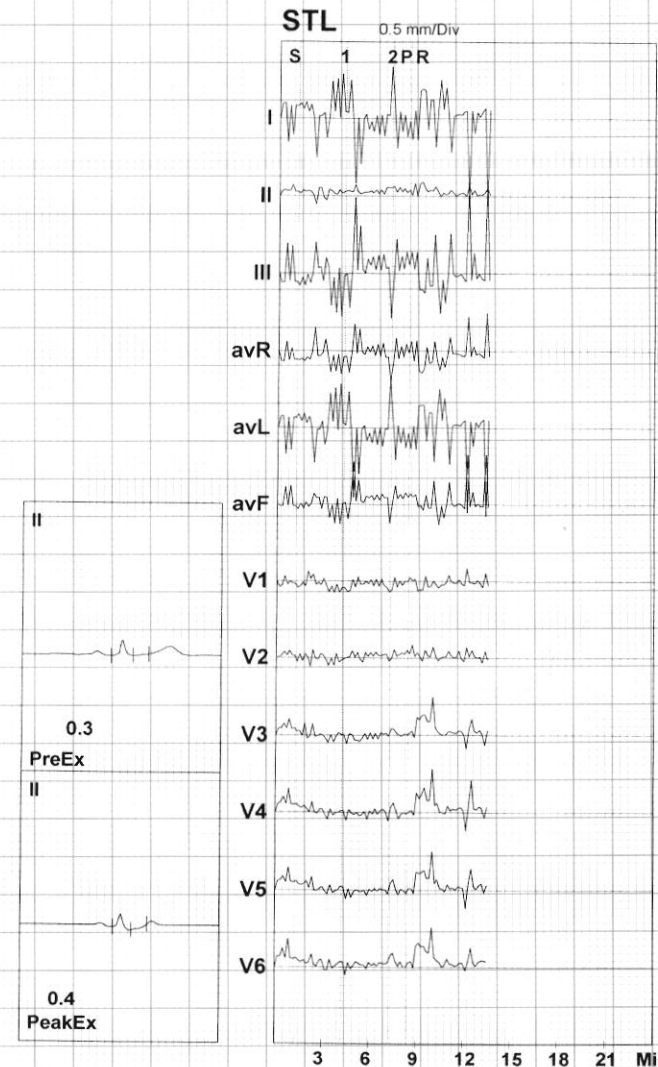
Findings :

Exercise Time : 07:11
 Max HR Attained : 167 bpm 87% of Max Predictable HR 191
 Max BP : 136/96(mmHg)
 Max WorkLoad attained : 8.1(Fair Effort Tolerance)

Not to be used for Echocardiography

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 DM CARDIOLOGY

Sandeep Kaur



Advice/Comments:

ST Summary



Protocol : BRUCE

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STL (mm) 80 mSecs Post J	Supine	-1.5	0.3	1.9	0.6	-1.7	1.1	0.3	0.4	0.8	1.0	0.9	1.2
	Standing	0.8	0.3	-0.5	-0.6	0.7	-0.1	-0.2	0.1	0.4	0.5	0.5	0.6
	HV	0.9	0.3	-0.5	-0.6	0.7	-0.1	-0.1	0.1	0.4	0.5	0.5	0.6
	ExStart	0.8	0.3	-0.5	-0.5	0.7	-0.1	-0.1	0.1	0.5	0.5	0.5	0.5
	Stage 1	0.4	0.3	-0.2	-0.4	0.3	0.1	-0.4	-0.1	0.0	0.1	0.2	0.4
	Stage 2	3.4	0.5	-2.9	-2.0	3.1	-1.2	-0.7	-0.2	-0.1	-0.5	-0.2	0.3
	PeakEx	-0.2	0.4	0.6	-0.1	-0.4	0.5	0.0	0.5	0.0	-0.1	-0.2	0.0
	Recovery	1.8	0.5	-1.3	-1.2	1.5	-0.4	-0.5	-0.2	1.3	1.1	1.1	1.3
	Recovery	0.2	0.0	-0.2	-0.1	0.2	-0.1	-0.1	0.0	0.2	0.2	0.2	0.2
	Recovery	-5.5	0.5	6.0	2.5	-5.7	3.3	0.5	0.4	-0.7	-0.3	-0.1	0.4
STS mV/Sec.	Supine	-3.2	0.3	3.5	1.4	-3.3	1.9	0.4	0.5	0.6	0.8	0.8	1.2
	Standing	0.6	0.4	-0.2	-0.5	0.4	0.1	-0.3	0.0	0.2	0.3	0.3	0.4
	HV	0.6	0.4	-0.2	-0.5	0.4	0.1	-0.3	0.0	0.2	0.3	0.3	0.4
	ExStart	0.5	0.3	-0.2	-0.4	0.4	0.0	-0.3	0.0	0.2	0.2	0.3	0.3
	Stage 1	1.0	0.6	-0.5	-0.8	0.7	0.1	-0.6	0.0	0.3	0.6	0.7	0.7
	Stage 2	3.5	0.8	-2.7	-2.2	3.1	-0.9	-0.9	-0.1	0.6	0.8	1.0	1.4
	PeakEx	1.4	1.0	-0.4	-1.2	0.9	0.3	-0.7	0.5	0.4	0.9	1.0	0.8
	Recovery	2.3	0.8	-1.5	-1.6	1.9	-0.4	-0.8	0.0	1.3	1.5	1.7	1.9
	Recovery	0.4	0.2	-0.2	-0.4	0.3	0.0	-0.1	0.1	0.1	0.3	0.3	0.3
	Recovery	-8.3	0.7	9.1	3.8	-8.7	4.9	0.8	0.6	-0.9	-0.5	-0.1	0.6
STI μ Vs	Supine	-5.4	1.4	6.7	1.9	-6.1	4.7	2.3	2.1	4.0	5.0	4.3	5.8
	Standing	3.9	1.1	-2.6	-2.5	3.3	-0.7	-0.1	1.2	2.5	2.7	2.3	2.5
	HV	4.0	1.0	-2.8	-2.4	3.4	-0.9	0.3	1.3	2.1	2.6	2.6	2.6
	ExStart	3.9	1.1	-2.8	-2.6	3.3	-0.8	0.2	1.4	2.8	2.8	2.5	2.6
	Stage 1	-0.8	-0.3	0.8	0.5	-0.8	0.3	-0.3	-1.0	-0.5	-1.4	-1.1	-0.4
	Stage 2	13.7	0.3	-13.4	-6.9	13.7	-6.6	-1.7	-1.2	-2.8	-7.5	-6.3	-3.7
	PeakEx	-8.7	-1.1	7.6	5.0	-7.7	3.3	3.4	2.0	-1.6	-4.6	-6.0	-4.0
	Recovery	3.4	0.1	-3.2	-1.8	3.2	-1.5	0.0	-1.5	5.0	2.5	1.0	2.0
	Recovery	-0.6	-1.1	-0.4	0.9	0.0	-0.9	0.1	-0.1	1.3	1.0	-0.2	0.2
	Recovery	-23.7	2.2	26.1	10.8	-23.4	15.5	3.1	1.8	-3.6	-2.5	-1.9	1.3

Sandeep Kaur

LIFELINE HOSPITAL
 DASHMESH NAGAR, LUDHIANA
 8768767/SANDEEP KAUR
 29 Yrs/Female
 58 Kg/149 Cms
 Date: 14-Oct-2023 11:54:15 AM

12 Lead + Median



HR: 88 bpm
 METS: 1.0
 BP: 110/70

MPHR: 46% of 191
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 00:33
 BLC :On
 Notch :On

Supine
 10.0 mm/mV
 25 mm/Sec.

4X 80 mS Post J



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 Date: 14-Oct-2023 11:54:15 AM

12 Lead + Median



HR: 79 bpm
 METS: 1.0
 BP: 110/70

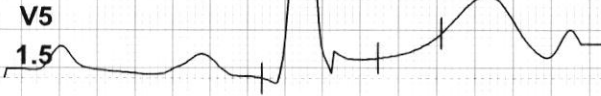
MPHR: 41% of 191
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

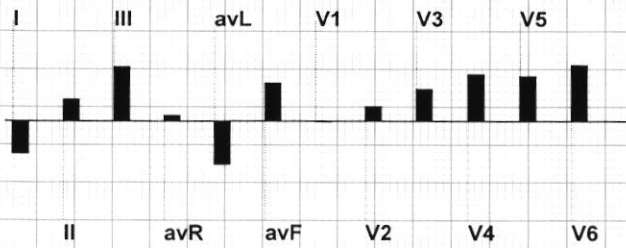
Ex Time 00:49
 BLC :On
 Notch :On

Standing
 10.0 mm/mV
 25 mm/Sec.

4X 80 mS Post J



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12 Lead + Median



HR: 77 bpm
 METS: 1.0
 BP: 110/70

MPHR: 40% of 191
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 01:02
 BLC :On
 Notch :On

HV
 10.0 mm/mV
 25 mm/Sec.

4X 80 mS Post J



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12 Lead + Median



HR: 83 bpm
 METS: 1.0
 BP: 110/70

MPHR: 43% of 191
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 01:12
 BLC :On
 Notch :On

ExStart
 10.0 mm/mV
 25 mm/Sec.

4X 80 mS Post J



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Date: 14-Oct-2023 11:54:15 AM

12 Lead + Median

HR: 144 bpm
METS: 4.7
BP: 122/80

MPHR: 75% 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



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12 Lead + Median



HR: 159 bpm
 METS: 7.1
 BP: 130/90

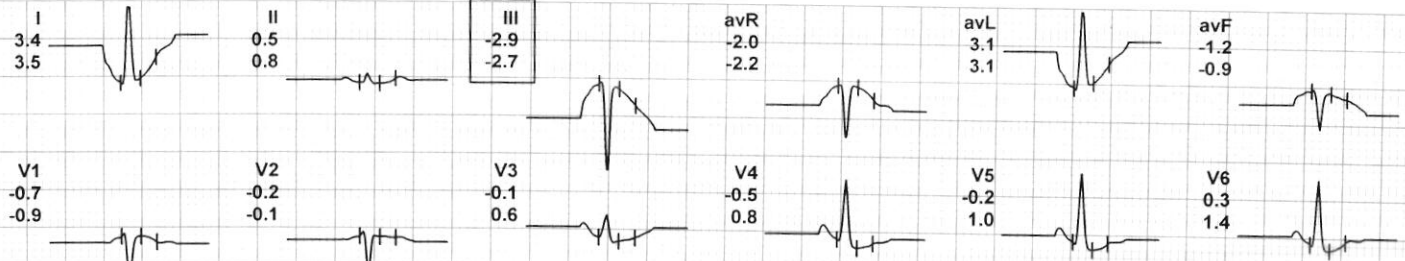
MPHR: 83% of 191
 Speed: 2.5 mph
 Grade: 12.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

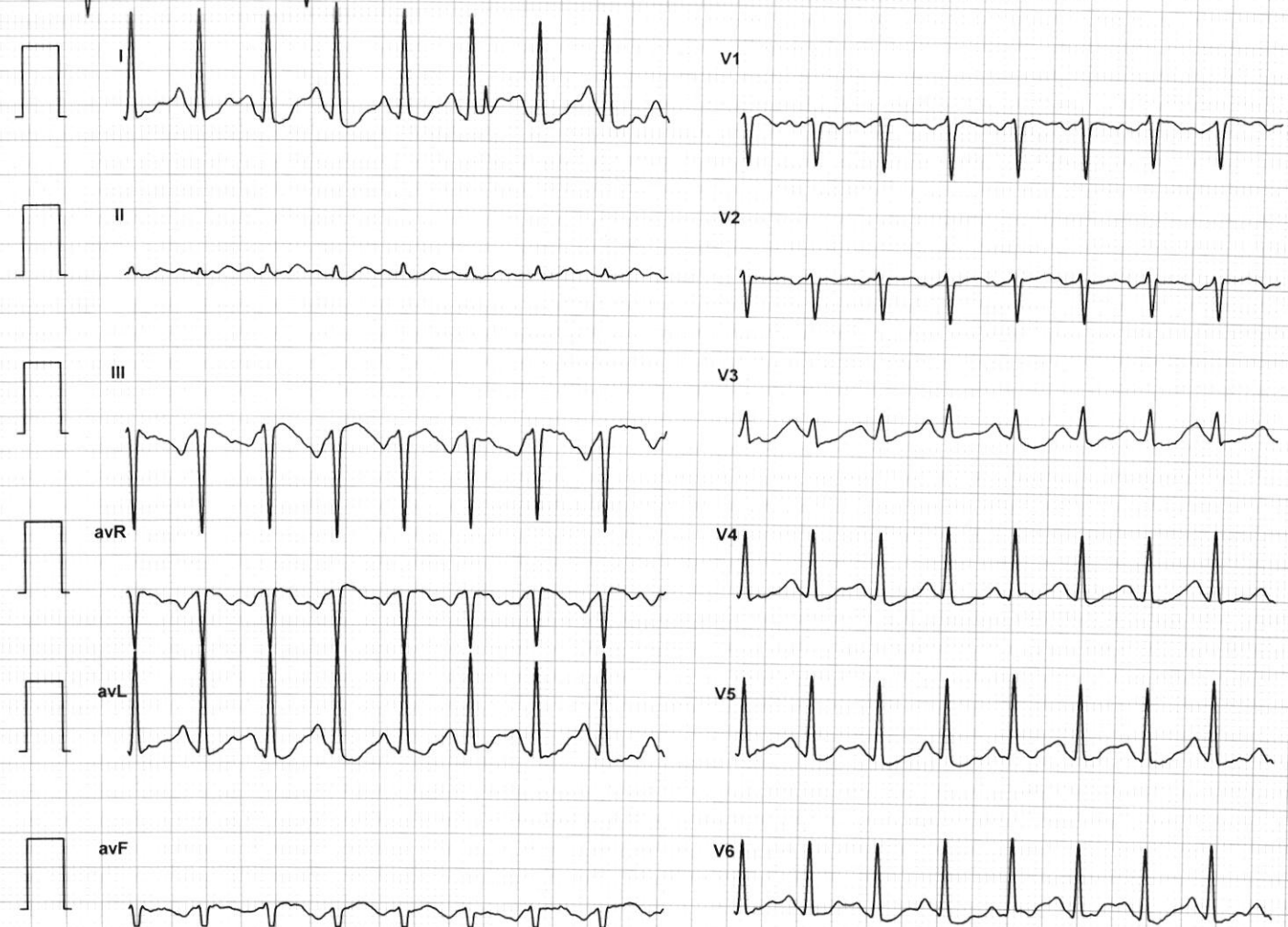
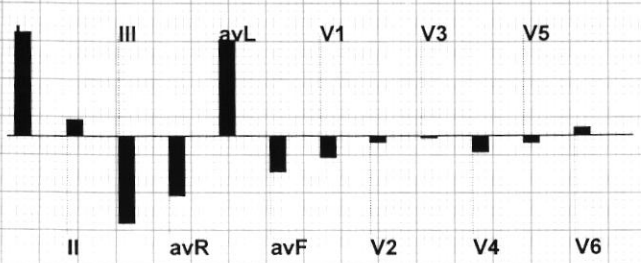
Ex Time 06:00
 BLC :On
 Notch :On

BRUCE: Stage 2(3:00)
 10.0 mm/mV
 25 mm/Sec.

4X 80 mS Post J



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12 Lead + Median



HR: 167 bpm
 METS: 8.1
 BP: 136/96

MPHR: 87% of 191
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

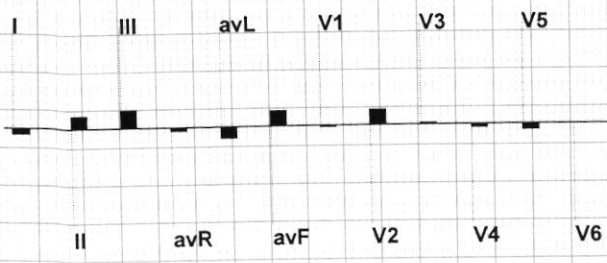
Ex Time 07:10
 BLC :On
 Notch :On

BRUCE:PeakEx(1:10)
 10.0 mm/mV
 25 mm/Sec.

4X 80 mS Post J

V5
 F0.2

Sandeep Kaur



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12 Lead + Median

HR: 135 bpm
 METS: 1.2
 BP: 136/96

MpHR: 70% of 191
 Speed: 0.0 mph
 Grade: 0.0%

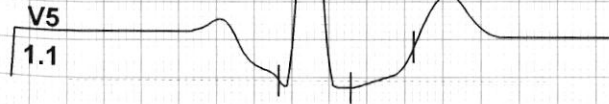
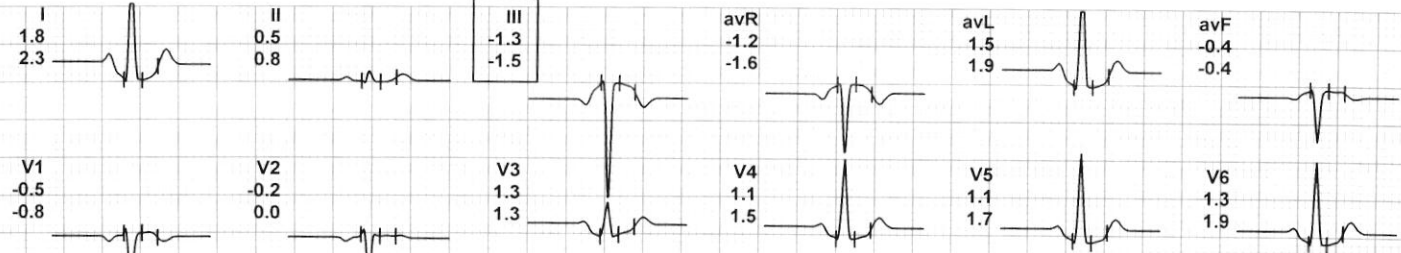
Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 07:10
 BLC :On
 Notch :On

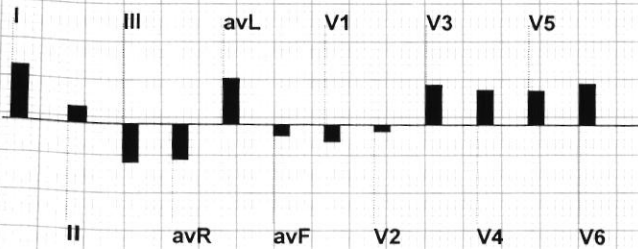
Recovery : (01:00)
 10.0 mm/mV
 25 mm/Sec.



4X 80 mS Post J



Sandeep kaur



12 Lead + Median

HR: 112 bpm
METS: 1.0
BP: 132/90

MpHR: 58% of 191
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 07:11
BLC :On
Notch :On

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



4X 80 mS Post J



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 Date: 14-Oct-2023 11:54:15 AM

12 Lead + Median



HR: 115 bpm
 METS: 1.0
 BP: 126/82

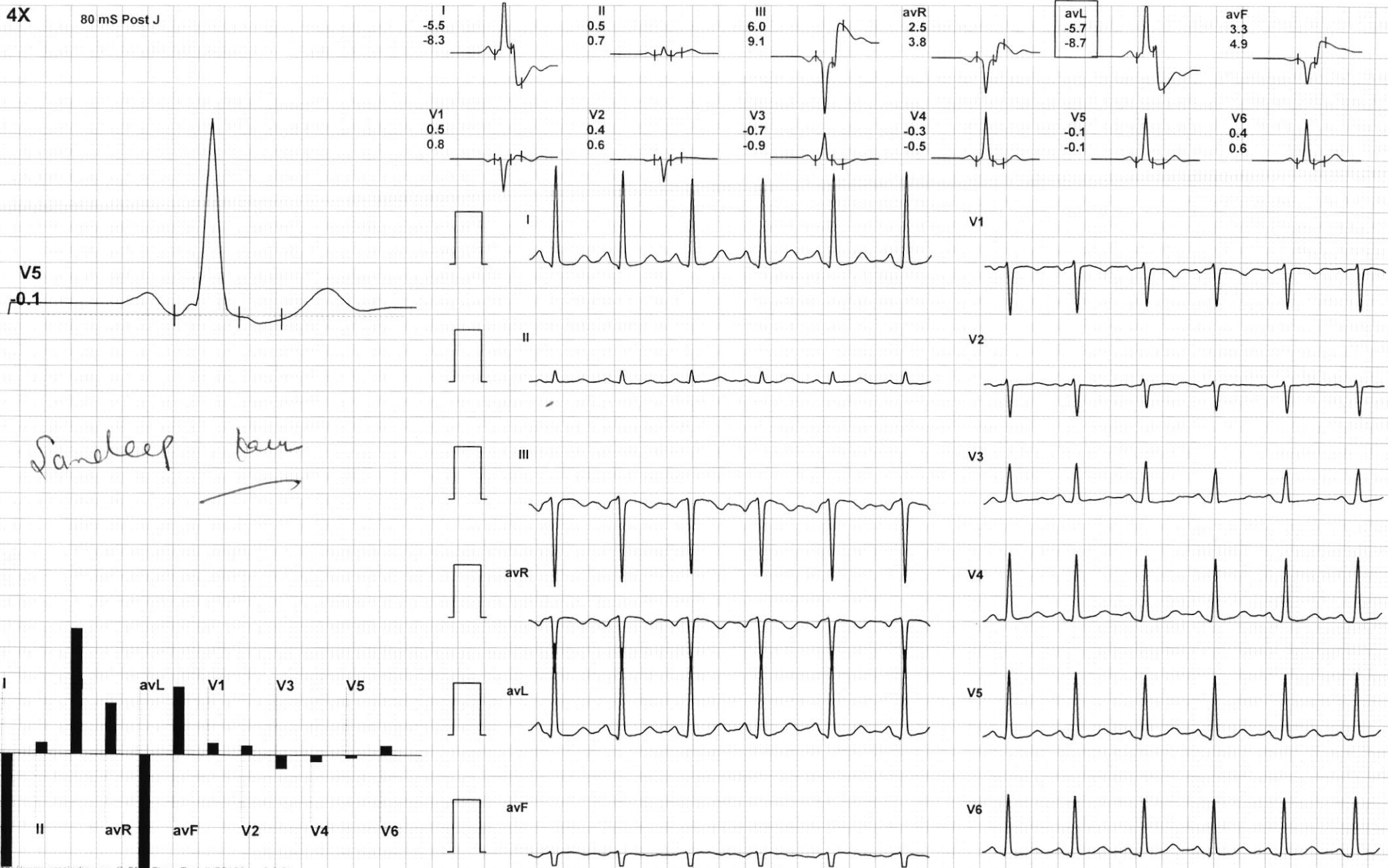
MPHR: 60% of 191
 Speed: 0.0 mph
 Grade: 0.0%

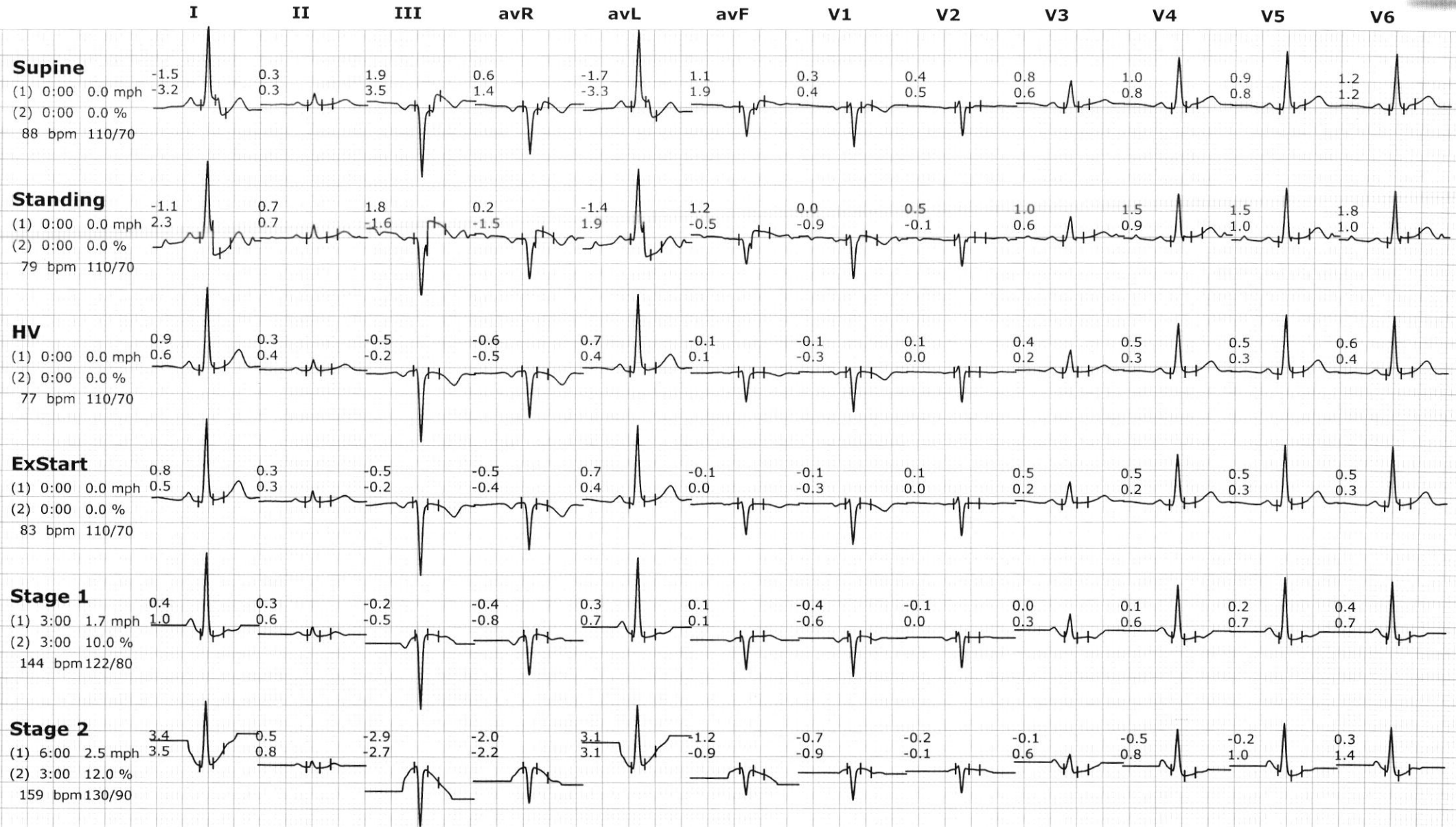
Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 07:11
 BLC : On
 Notch : On

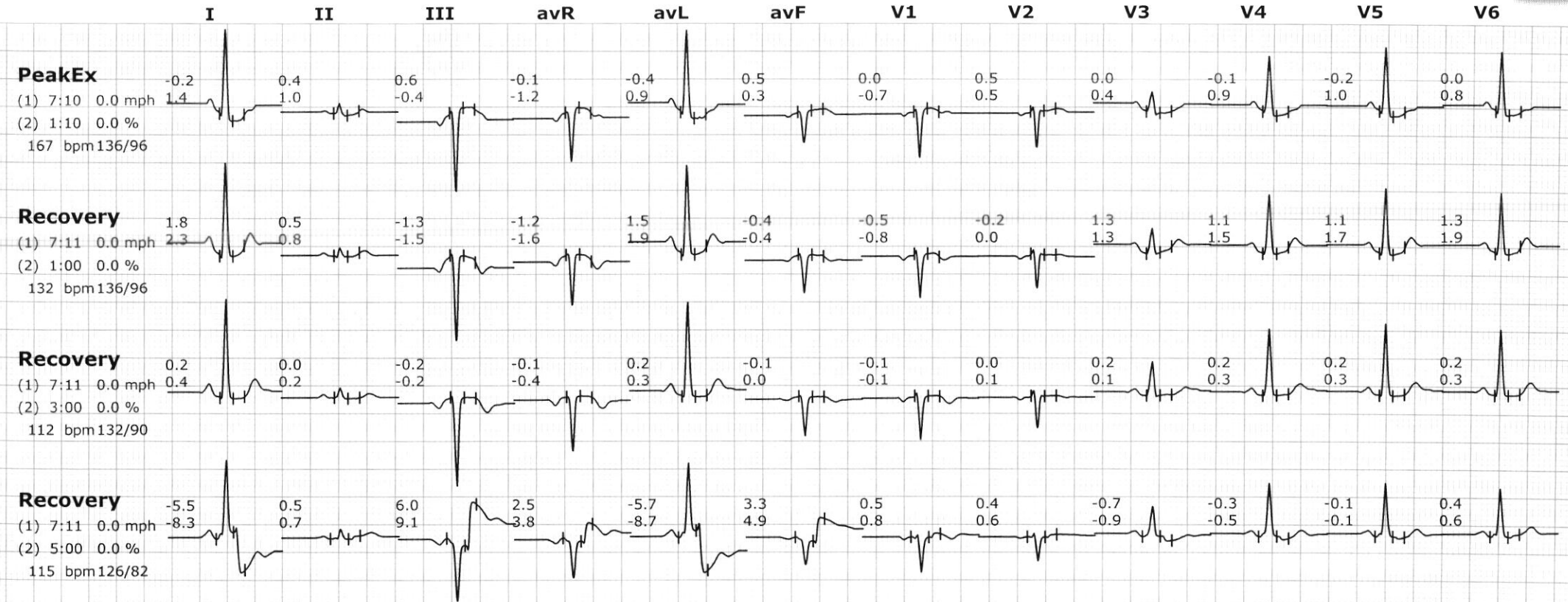
Recovery(5:00)
 10.0 mm/mV
 25 mm/Sec.

4X 80 mS Post J





Sandeep Kaur



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