



12370999/CHARANJEET SINGH 45 Yrs/Male 76 Kg/163 Cms
Date: 02-Mar-2024 10:51:36 AM
Ref.By : BANK OF BARODA
Medication :
Objective :

Protocol : BRUCE
History :

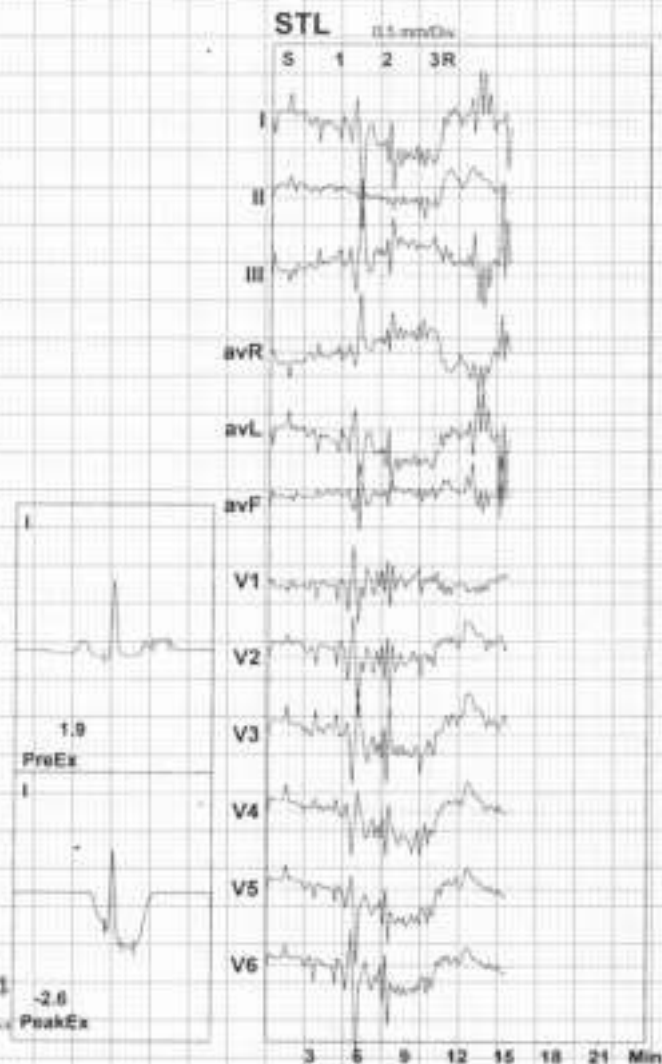
Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (mph)	Grade (%)	METs	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	80	115/75	92	-	
Standing					1.0	75	118/78	88	-	
HV					1.0	76	118/78	89	-	
ExStart					1.0	80	120/80	96	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	110	125/85	137	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	145	136/96	197	-	
Stage 3	3:00	9:01	3.4	14.0	10.2	180	138/98	248	-	
PeakEx	0:07	9:08	4.2	16.0	10.2	178	138/98	245	-	
Recovery	1:00		0.0	0.0	4.3	154	138/98	212	-	
Recovery	3:00		0.0	0.0	1.0	120	137/97	164	-	
Recovery	5:00		0.0	0.0	1.0	114	125/85	142	-	

Findings :

Exercise Time :09:08
Max HR Attained :180 bpm 103% of Max Predictable HR 175
Max BP : 138/98(mmHg)
Max WorkLoad attained :10.3(Good Effort Tolerance)

TMT negative for ischemia

Dr. Rav Kant Singla
M.B.B.S., M.D.
Medical Specialist
Ex-Registrar CMC, LDH.



Advice/Comments:

LIFE LINE HOSPITAL
 GILL ROAD, LUDHIANA
 12370999/CHARANJEET SINGH
 45 Yrs/Male
 76 Kg/163 Cms
 Date: 02-Mar-2024 10:51:36 AM

12 Lead + Median



HR: 80 bpm
 METS: 1.0
 BP: 115/75

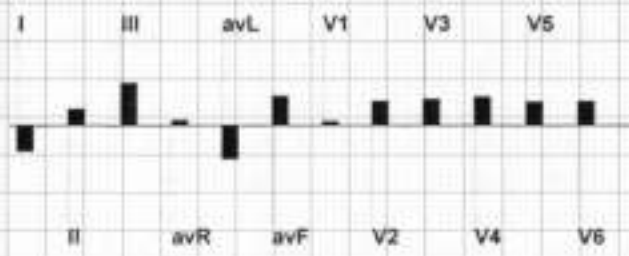
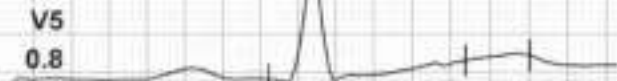
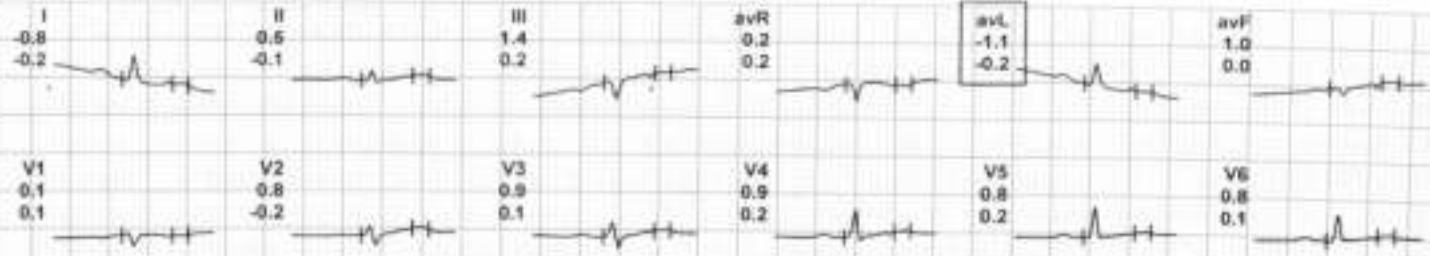
MPHR: 45% of 175
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 00:18
 BLC :On
 Notch :On

Supine
 10.0 mm/mV
 25 mm/Sec.

4X 103 mS Post J



Charanjeet Singh

12 Lead + Median

HR: 75 bpm

METS: 1.0

BP: 118/78

MpHR: 42% of 175

Speed: 0.0 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 00:40

BLC :On

Notch :On

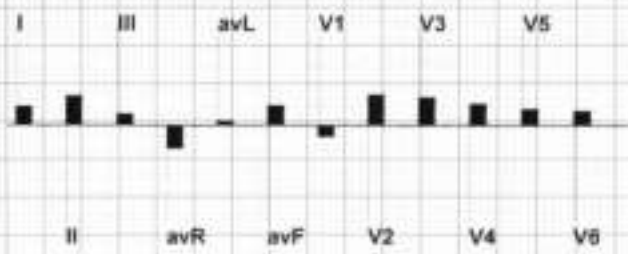
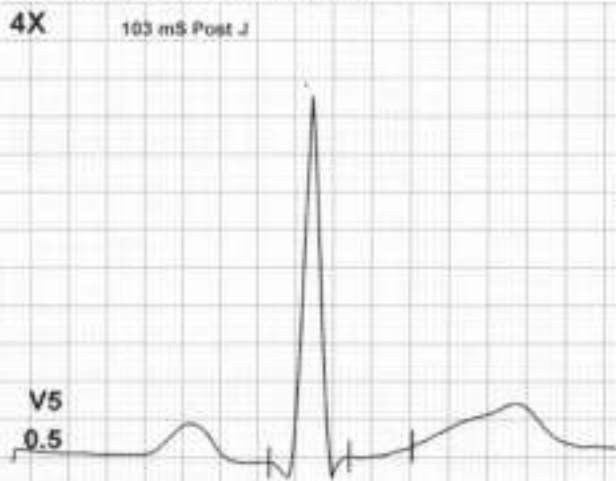
Standing

10.0 mm/mV

25 mm/Sec.



4X 103 mS Post J



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12 Lead + Median

HR: 76 bpm
 METS: 1.0
 BP: 118/78

MPHR: 43% of 175
 Speed: 0.0 mph
 Grade: 0.0%

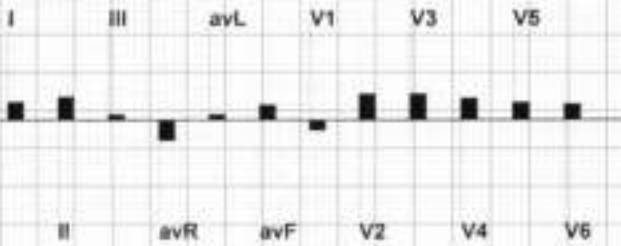
Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 00:55
 BLC : On
 Notch : On

HV
 10.0 mm/mV
 25 mm/Sec.



4X 103 mS Post J



Charanjeet Singh

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12 Lead + Median



HR: 80 bpm
 METS: 1.0
 BP: 120/80

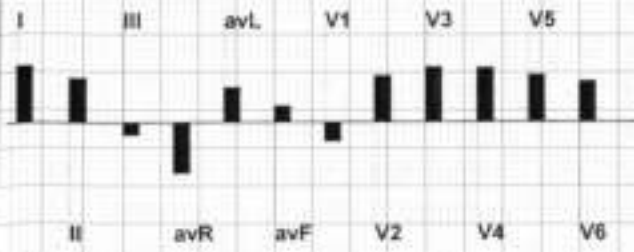
MPHR: 45% of 175
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 01:15
 BLC : On
 Notch : On

ExStart
 10.0 mm/mV
 25 mm/Sec.

4X 103 mS Post J



Charanjeet Singh

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12 Lead + Median

HR: 110 bpm
METS: 4.7
BP: 125/85

MPHR: 62% of 175
Speed: 1.7 mph
Grade: 10.0%

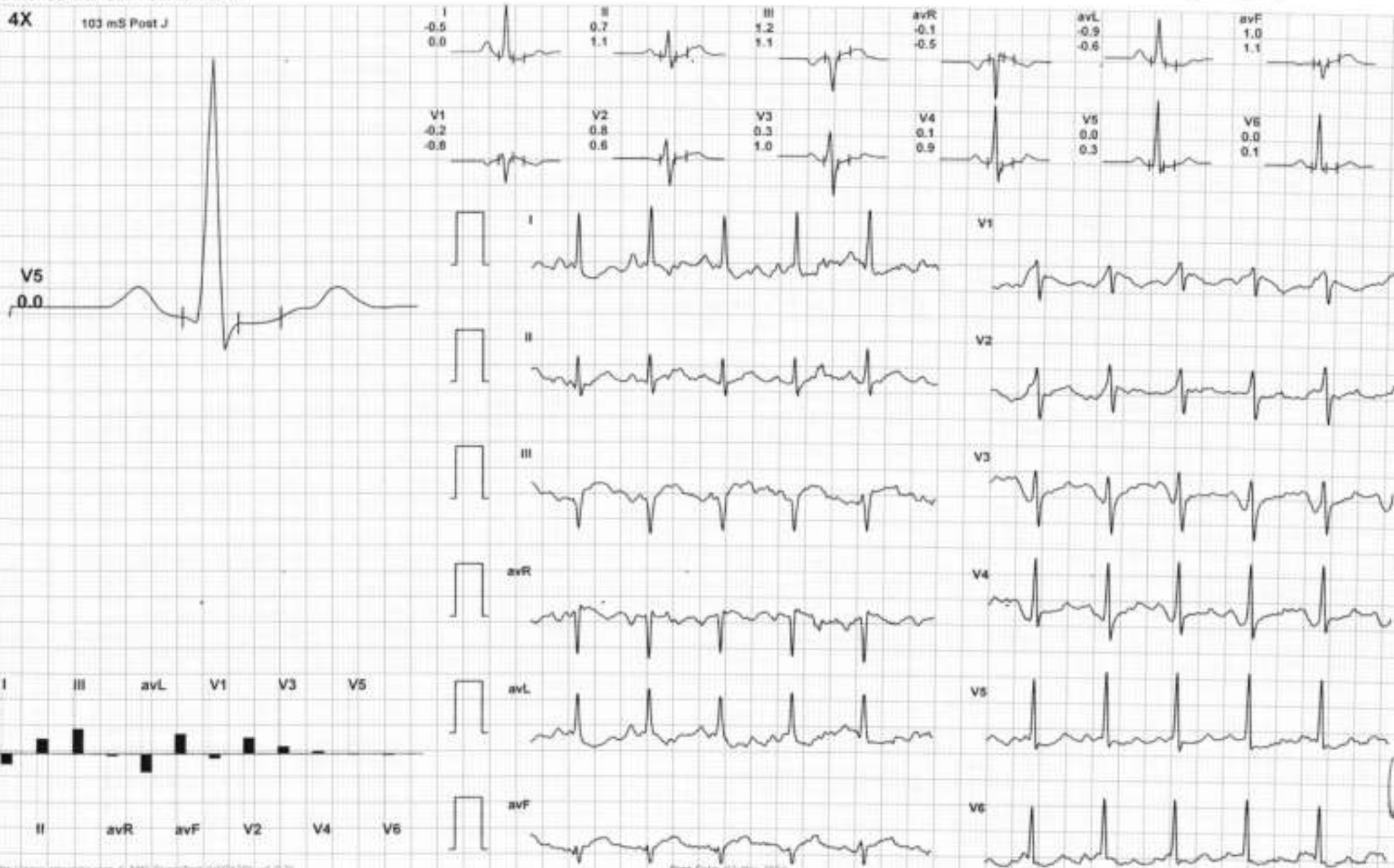
Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 03:00
BLC :On
Notch :On

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



4X 103 mS Post J



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12 Lead + Median

HR: 145 bpm
 METS: 7.1
 BP: 136/96

MPHR: 82% of 175
 Speed: 2.5 mph
 Grade: 12.0%

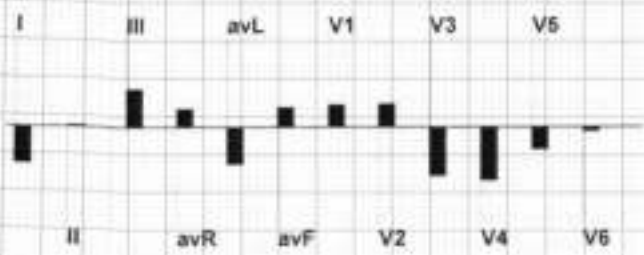
Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 06:00
 BLC :On
 Notch :On

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



4X 103 mS Post J



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12 Lead + Median

HR: 180 bpm
 METS: 10.2
 BP: 138/98

MpHR: 102% of 175
 Speed: 3.4 mph
 Grade: 14.0%

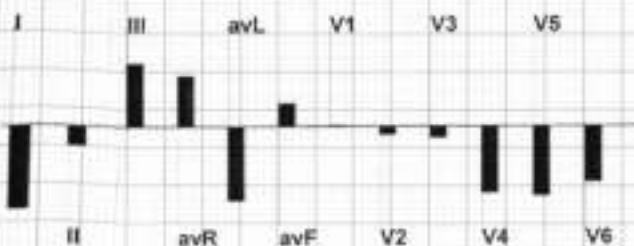
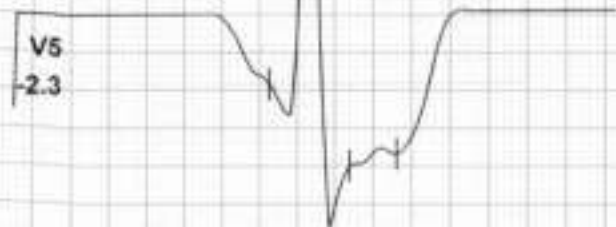
Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 09:00
 BLC :On
 Notch :On

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



4X 103 mS Post J



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HR: 178 bpm
METS: 10.2
BP: 138/98

MHR: 101% of 175
Speed: 4.2 mph
Grade: 16.0%

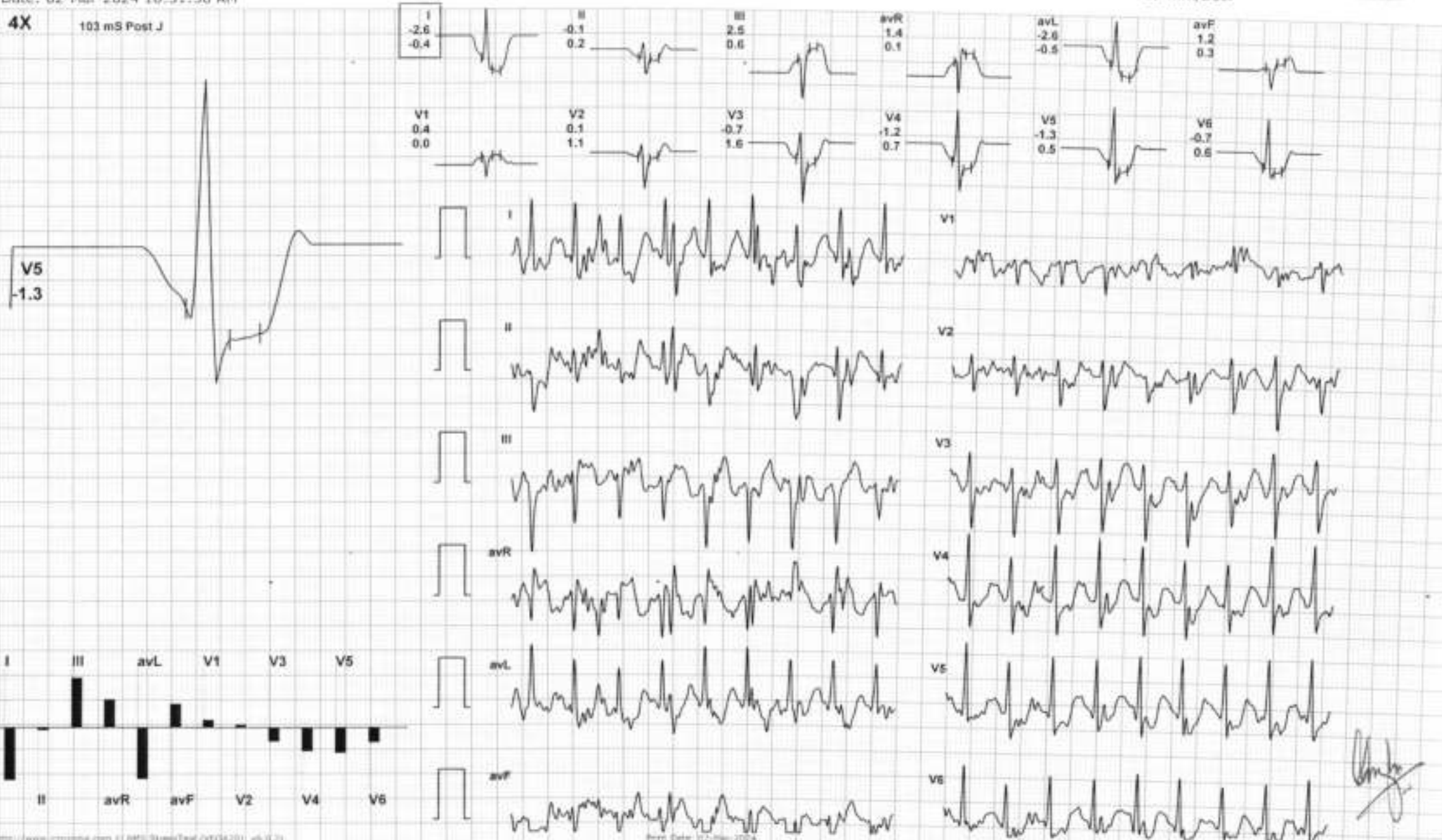
Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:07
BLC : On
Notch : On

BRUCE: PeakEx(0:07)
10.0 mm/mV
25 mm/Sec.



4X 103 mS Post J



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12 Lead + Median



HR: 154 bpm
 METS: 4.3
 BP: 138/98

MPHR: 88% of 175
 Speed: 0.0 mph
 Grade: 0.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 09:08
 BLC : On
 Notch : On

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

4X 103 mS Post J



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12 Lead + Median

HR: 120 bpm
 METS: 1.0
 BP: 137/97

MPHR: 68% of 175
 Speed: 0.0 mph
 Grade: 0.0%

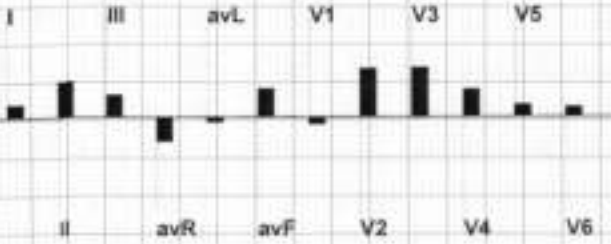
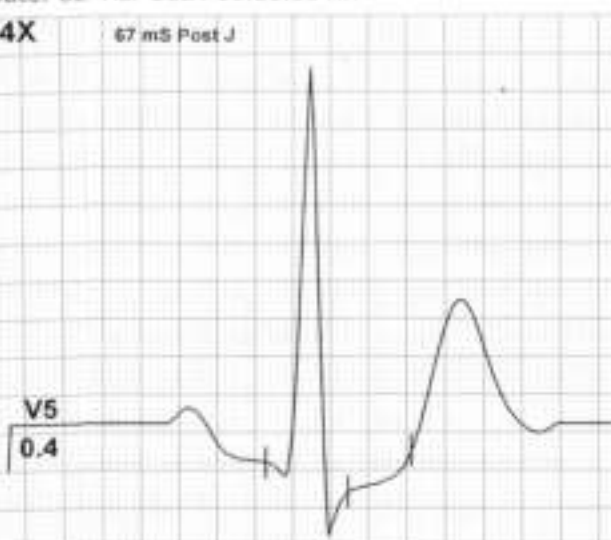
Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 09:07
 BLK :On
 Notch :On

Recovery : (03:04)
 10.0 mm/mV
 25 mm/Sec.



4X 67 mS Post J



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76 Kg/163 Cms
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12 Lead + Median



HR: 114 bpm
METS: 1.0
BP: 125/85

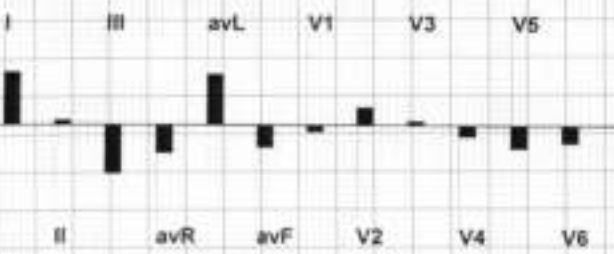
MPHR: 65% of 175
Speed: 0.0 mph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 09:08
BLC : On
Notch : On

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

4X 103 mS Post J



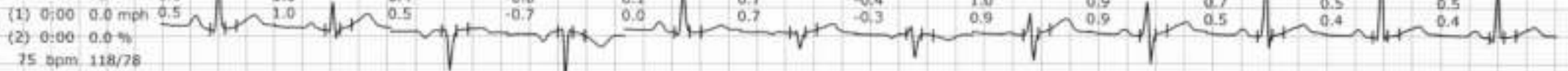


I II III avR avL avF V1 V2 V3 V4 V5 V6

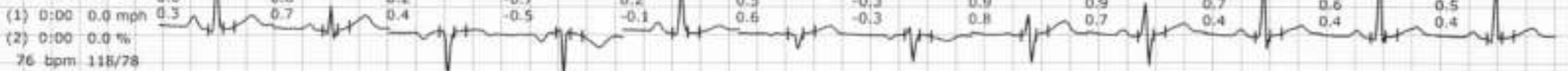
Supine



Standing



HV



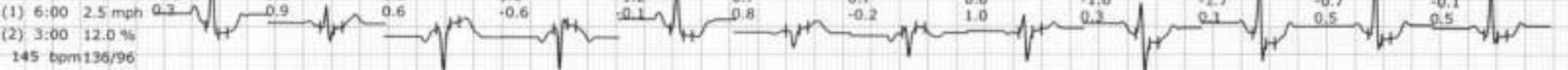
ExStart



Stage 1



Stage 2

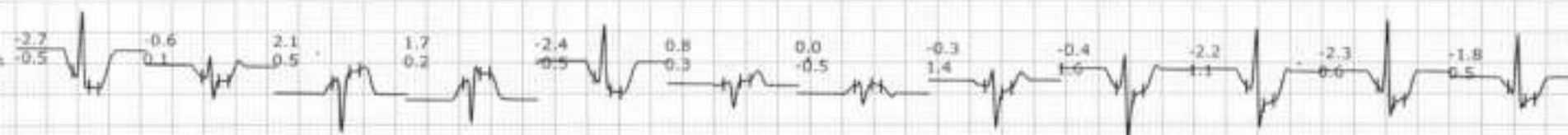




I II III avR avL avF V1 V2 V3 V4 V5 V6

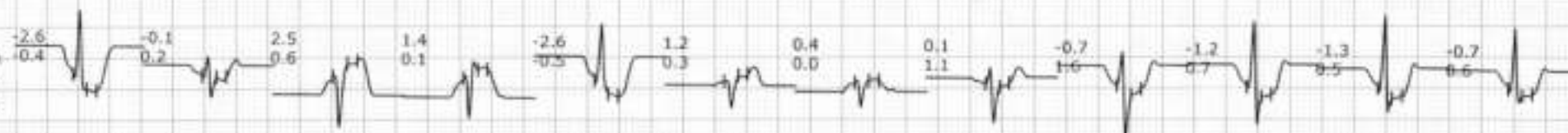
Stage 3

(1) 9:00 3.4 mph
(2) 3:00 14.0 %
180 bpm 138/98



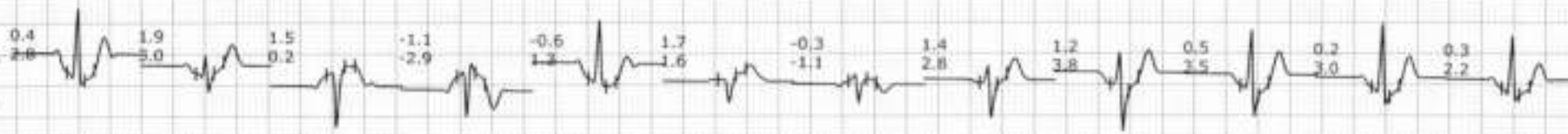
PeakEx

(1) 9:07 4.2 mph
(2) 0:07 16.0 %
178 bpm 138/98



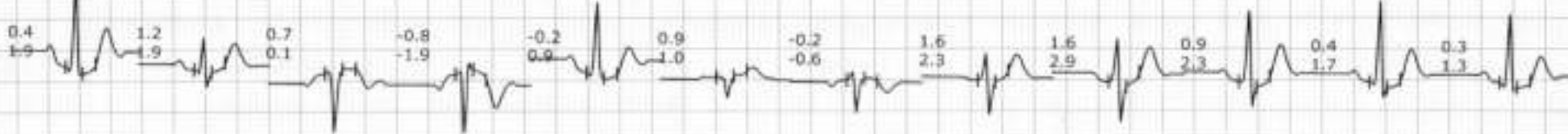
Recovery

(1) 9:08 0.0 mph
(2) 1:00 0.0 %
154 bpm 138/98



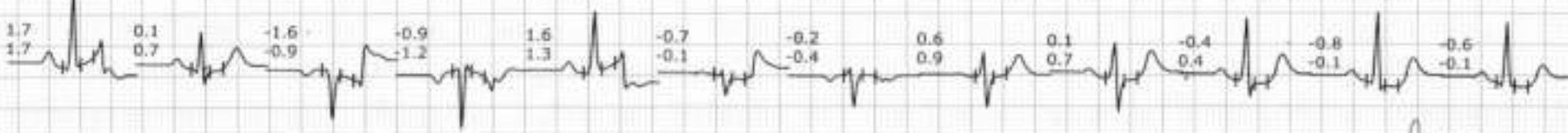
Recovery

(1) 9:08 0.0 mph
(2) 3:00 0.0 %
120 bpm 137/97



Recovery

(1) 9:08 0.0 mph
(2) 5:00 0.0 %
114 bpm 125/85



ST Summary



Protocol : BRUCE

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STL (mm) 103 mSecs Post J	Supine	-0.8	0.5	1.4	0.2	-1.1	1.0	0.1	0.8	0.9	0.9	0.8	0.8	
	Standing	0.6	1.0	0.4	-0.8	0.1	0.7	-0.4	1.0	0.9	0.7	0.5	0.5	
	HV	0.6	0.8	0.2	-0.7	0.2	0.5	-0.3	0.9	0.9	0.7	0.6	0.5	
	ExStart	1.9	1.4	-0.4	-1.7	1.1	0.5	-0.6	1.5	1.8	1.8	1.5	1.3	
	Stage 1	-0.5	0.7	1.2	-0.1	-0.9	1.0	-0.2	0.8	0.3	0.1	0.0	0.0	
	Stage 2	-1.2	0.0	1.2	0.6	-1.2	0.7	0.7	0.8	-1.6	-1.7	-0.7	-0.1	
	Stage 3	-2.7	-0.6	2.1	1.7	-2.4	0.8	0.0	-0.3	-0.4	-2.2	-2.3	-1.8	
	PeakEx	-2.6	-0.1	2.5	1.4	-2.6	1.2	0.4	0.1	-0.7	-1.2	-1.3	-0.7	
	Recovery	0.4	1.9	1.5	-1.1	-0.6	1.7	-0.3	1.4	1.2	0.5	0.2	0.3	
	Recovery	0.4	1.2	0.7	-0.8	-0.2	0.9	-0.2	1.6	1.6	0.9	0.4	0.3	
	Recovery	1.7	0.1	-1.6	-0.9	1.6	-0.7	-0.2	0.6	0.1	-0.4	-0.8	-0.6	
	STS mV/Sec.	Supine	-0.2	-0.1	0.2	0.2	-0.2	0.0	0.1	-0.2	0.1	0.2	0.2	0.1
		Standing	0.5	1.0	0.5	-0.7	0.0	0.7	-0.3	0.9	0.9	0.5	0.4	0.4
HV		0.3	0.7	0.4	-0.5	-0.1	0.6	-0.3	0.8	0.7	0.4	0.4	0.4	
ExStart		0.3	-0.6	-0.8	0.1	0.5	-0.7	0.3	-0.7	0.2	0.4	0.2	-0.2	
Stage 1		0.0	1.1	1.1	-0.5	-0.6	1.1	-0.8	0.6	1.0	0.9	0.3	0.1	
Stage 2		0.3	0.9	0.6	-0.6	-0.1	0.8	-0.2	1.0	0.3	0.1	0.5	0.5	
Stage 3		-0.5	0.1	0.5	0.2	-0.5	0.3	-0.5	1.4	1.6	1.1	0.6	0.5	
PeakEx		-0.4	0.2	0.6	0.1	-0.5	0.3	0.0	1.1	1.6	0.7	0.5	0.6	
Recovery		2.8	3.0	0.2	-2.9	1.3	1.6	-1.1	2.8	3.8	3.5	3.0	2.2	
Recovery		1.9	1.9	0.1	-1.9	0.9	1.0	-0.6	2.3	2.9	2.3	1.7	1.3	
Recovery		1.7	0.7	-0.9	-1.2	1.3	-0.1	-0.4	0.9	0.7	0.4	-0.1	-0.1	

STI on Next Page

STI	μ Vs		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
		Supine	-5.1	5.7	10.9	-0.3	-8.0	8.3	0.1	8.1	7.2	7.1	6.0	6.6
		Standing	2.2	3.8	1.8	-2.7	0.4	2.6	-1.2	4.8	4.4	3.3	2.1	2.0
		HV	2.3	3.0	0.9	-2.6	0.7	2.0	-1.1	4.1	4.2	3.4	2.3	2.0
		ExStart	16.8	17.4	0.7	-17.2	8.1	9.1	-7.6	17.7	15.2	13.8	13.1	13.1
		Stage 1	-5.3	0.9	6.1	2.3	-5.8	3.6	2.3	4.1	-0.2	-2.8	-2.0	-1.6
		Stage 2	-7.4	-1.1	6.4	4.3	-6.9	2.7	5.2	3.0	-9.6	-10.3	-5.3	-1.6
		Stage 3	-15.4	-4.0	11.3	9.7	-13.4	3.7	1.9	-4.1	-4.7	-15.0	-14.2	-11.4
		PeakEx	-16.0	-3.3	12.7	9.7	-14.4	4.8	2.9	-2.0	-7.9	-8.6	-8.8	-5.8
		Recovery	-4.4	4.3	8.8	0.1	-6.7	6.4	1.3	2.2	-0.7	-4.3	-5.2	-3.5
		Recovery	-5.6	0.6	6.0	2.6	-5.9	3.2	1.6	2.8	0.9	-2.6	-4.7	-4.1
		Recovery	7.2	-2.2	-9.4	-2.4	8.2	-5.8	0.2	0.9	-1.7	-4.5	-6.4	-5.0

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