



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	85	110/70	93	-	
Standing					1.0	95	110/70	104	-	
HV					1.0	108	110/70	118	-	
ExStart					1.0	104	110/70	114	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	124	122/78	151	-	
Stage 2	3:00	6:01	2.5	12.0	7.1	144	128/86	184	-	
Stage 3	3:00	9:01	3.4	14.0	10.2	170	136/94	231	-	
PeakEx	0:17	9:18	4.2	16.0	10.5	158	136/94	214	-	
Recovery	1:00		0.0	0.0	4.3	125	134/92	167	-	
Recovery	3:00		0.0	0.0	1.0	112	130/86	145	-	
Recovery	5:00		0.0	0.0	1.0	119	124/80	147	-	

Findings :

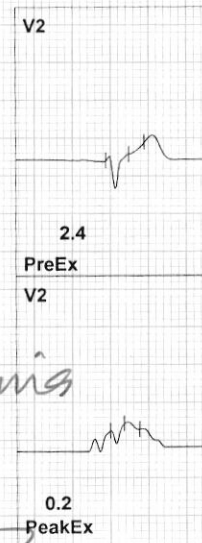
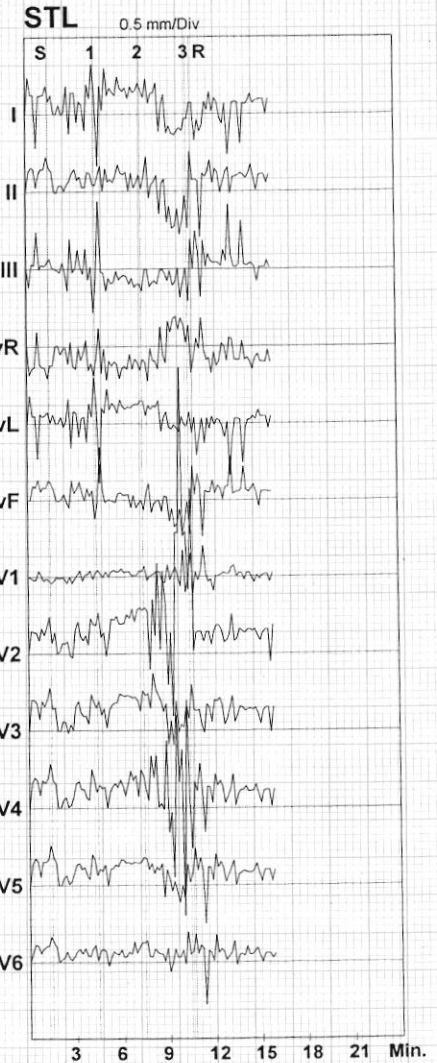
Exercise Time :09:18  
 Max HR Attained :170 bpm 92% of Max Predictable HR 185  
 Max BP : 136/94(mmHg)  
 Max WorkLoad attained :10.5(Good Effort Tolerance)

*Renu*

Negative for inducible ischemia

*[Signature]*

Dr. RENU LATA GUPTA  
 M.B.B.S. MD ( Medicine)  
 Consultant Physician  
 Reg. No. 37178



Advice/Comments:

ST Summary



Protocol : BRUCE

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STL (mm) 93 mSecs Post J	Supine	2.4	1.2	-1.2	-1.8	1.8	0.0	-0.1	1.5	2.0	1.7	1.4	0.7
	Standing	-2.2	0.2	2.4	0.9	-2.3	1.3	0.4	0.9	0.8	0.9	0.6	0.6
	HV	1.2	1.2	0.0	-1.2	0.6	0.6	0.1	1.6	1.9	1.8	1.5	0.9
	ExStart	1.8	2.2	0.4	-2.0	0.7	1.3	-0.2	2.4	2.7	2.8	2.6	1.7
	Stage 1	3.3	0.5	-2.8	-1.9	3.0	-1.2	0.2	1.8	1.5	1.0	0.7	0.1
	Stage 2	2.0	1.0	-1.0	-1.5	1.5	0.0	0.3	2.8	2.6	2.1	1.8	1.3
	Stage 3	-0.3	-0.3	0.0	0.2	-0.2	-0.1	0.0	4.2	0.8	0.6	0.2	0.5
	PeakEx	0.7	2.5	1.9	-1.7	-0.6	2.2	-1.0	0.2	1.4	1.7	2.4	1.8
	Recovery	-0.7	1.1	1.8	-0.2	-1.3	0.6	0.2	1.4	1.7	1.4	1.1	0.8
	Recovery	0.8	0.9	0.1	-0.8	0.3	0.5	0.0	1.0	1.0	0.9	0.7	0.5
	Recovery	1.0	1.1	0.1	-1.0	0.4	0.6	0.1	1.5	1.5	1.2	1.0	0.6
STS mV/Sec.	Supine	1.7	1.2	-0.4	-1.4	1.0	0.4	-0.3	0.9	1.6	1.6	1.4	0.9
	Standing	-3.2	0.4	3.6	1.3	-3.4	2.0	0.5	0.8	1.0	1.1	0.7	0.8
	HV	0.8	0.6	-0.3	-0.7	0.6	0.1	0.5	1.3	1.6	1.1	0.8	0.3
	ExStart	1.5	1.9	0.4	-1.7	0.6	1.2	-0.3	2.0	2.4	2.5	2.2	1.4
	Stage 1	1.9	0.8	-1.1	-1.3	1.4	-0.2	-0.2	1.0	1.2	1.0	1.0	0.5
	Stage 2	1.5	0.7	-0.8	-1.1	1.1	-0.1	-0.4	3.7	2.8	2.4	2.3	2.0
	Stage 3	-0.2	-0.2	0.0	0.1	-0.1	-0.1	0.4	10.3	1.1	-1.1	0.1	0.5
	PeakEx	0.1	1.8	1.8	-0.9	-0.9	1.8	-1.0	-1.0	0.4	0.8	1.4	1.3
	Recovery	0.1	1.1	1.0	-0.6	-0.5	0.7	0.0	1.4	1.7	1.5	1.2	0.8
	Recovery	0.6	0.7	0.1	-0.6	0.2	0.4	0.1	1.1	1.1	0.9	0.6	0.4
	Recovery	0.8	0.9	0.1	-0.8	0.4	0.5	0.3	1.4	1.4	1.1	0.9	0.5

STI on Next Page



STI	μVs		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
		Supine	13.2	4.3	-8.8	-8.9	11.3	-2.2	1.0	8.2	9.3	6.8	5.4	2.2
		Standing	-0.9	0.4	1.3	0.2	-1.1	1.4	0.7	2.6	1.9	2.0	1.3	1.2
		HV	5.3	6.0	0.8	-5.7	2.3	3.5	0.2	7.2	8.4	8.5	7.7	4.6
		ExStart	8.4	10.5	2.0	-9.5	3.2	6.2	-0.8	11.2	13.3	13.5	12.2	8.0
		Stage 1	19.8	1.6	-18.3	-10.7	18.9	-8.5	2.9	9.9	7.7	4.3	1.6	-1.3
		Stage 2	10.3	4.7	-5.5	-7.5	7.9	-0.5	6.3	6.7	10.3	6.4	6.3	2.5
		Stage 3	-4.1	-6.5	-2.1	5.0	-1.0	-4.1	0.4	-9.3	1.2	0.5	-3.0	-0.2
		PeakEx	6.4	14.9	8.9	-11.2	-1.5	11.9	-4.5	5.4	10.4	11.8	15.5	11.2
		Recovery	-6.1	5.0	11.0	0.7	-8.7	2.6	1.5	5.5	7.3	5.5	4.4	2.8
		Recovery	2.8	3.7	0.8	-3.3	1.4	2.4	0.5	2.9	3.0	2.7	2.3	1.7
		Recovery	4.1	4.8	0.6	-4.4	1.8	2.7	0.9	6.7	6.7	5.2	4.3	2.7

*Amh*

12 Lead + Median

HR: 85 bpm  
METS: 1.0  
BP: 110/70

MpHR: 45% of 185  
Speed: 0.0 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(0.05-100)Hz

Ex Time 00:08  
BLC : On  
Notch : On

Supine  
10.0 mm/mV  
25 mm/Sec.

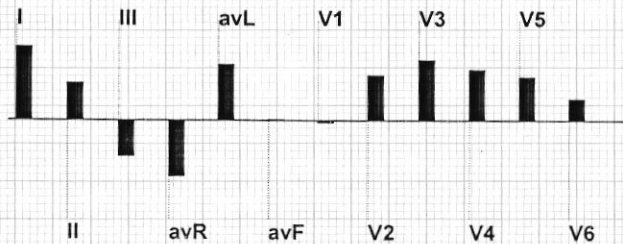


4X 93 mS Post J



V5  
1.4

*Amika*





MAVERICKS HEALTHCARE  
 GILL ROAD, LUDHIANA  
 778880/GAURAV TALWAR  
 35 Yrs/Male  
 89 Kg/175 Cms  
 Date: 09-Jul-2022 11:56:08 AM

12 Lead + Median



HR: 95 bpm  
 METS: 1.0  
 BP: 110/70

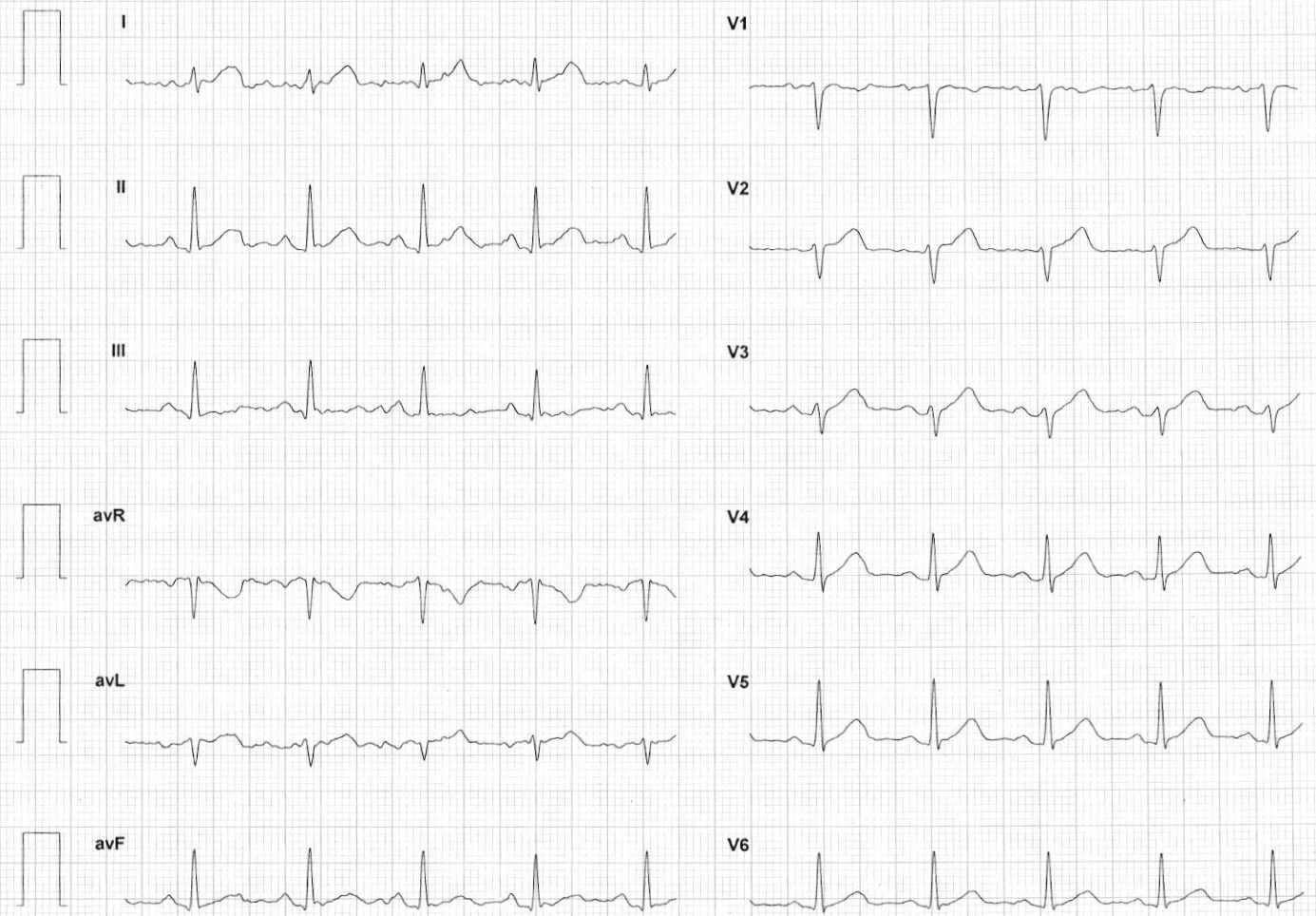
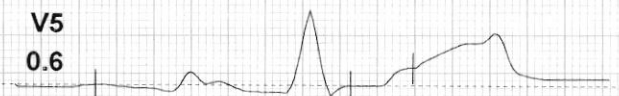
MpHR: 51% of 185  
 Speed: 0.0 mph  
 Grade: 0.0%

Raw ECG  
 BRUCE  
 (0.05-100)Hz

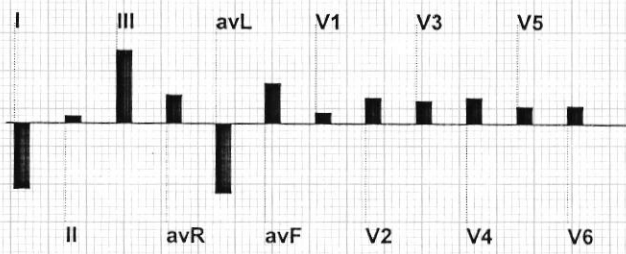
Ex Time 00:42  
 BLC :On  
 Notch :On

Standing  
 10.0 mm/mV  
 25 mm/Sec.

4X 93 mS Post J



*Dr. [Signature]*



MAVERICKS HEALTHCARE  
 GILL ROAD, LUDHIANA  
 778880/GAURAV TALWAR  
 35 Yrs/Male  
 89 Kg/175 Cms  
 Date: 09-Jul-2022 11:56:08 AM

12 Lead + Median



HR: 108 bpm  
 METS: 1.0  
 BP: 110/70

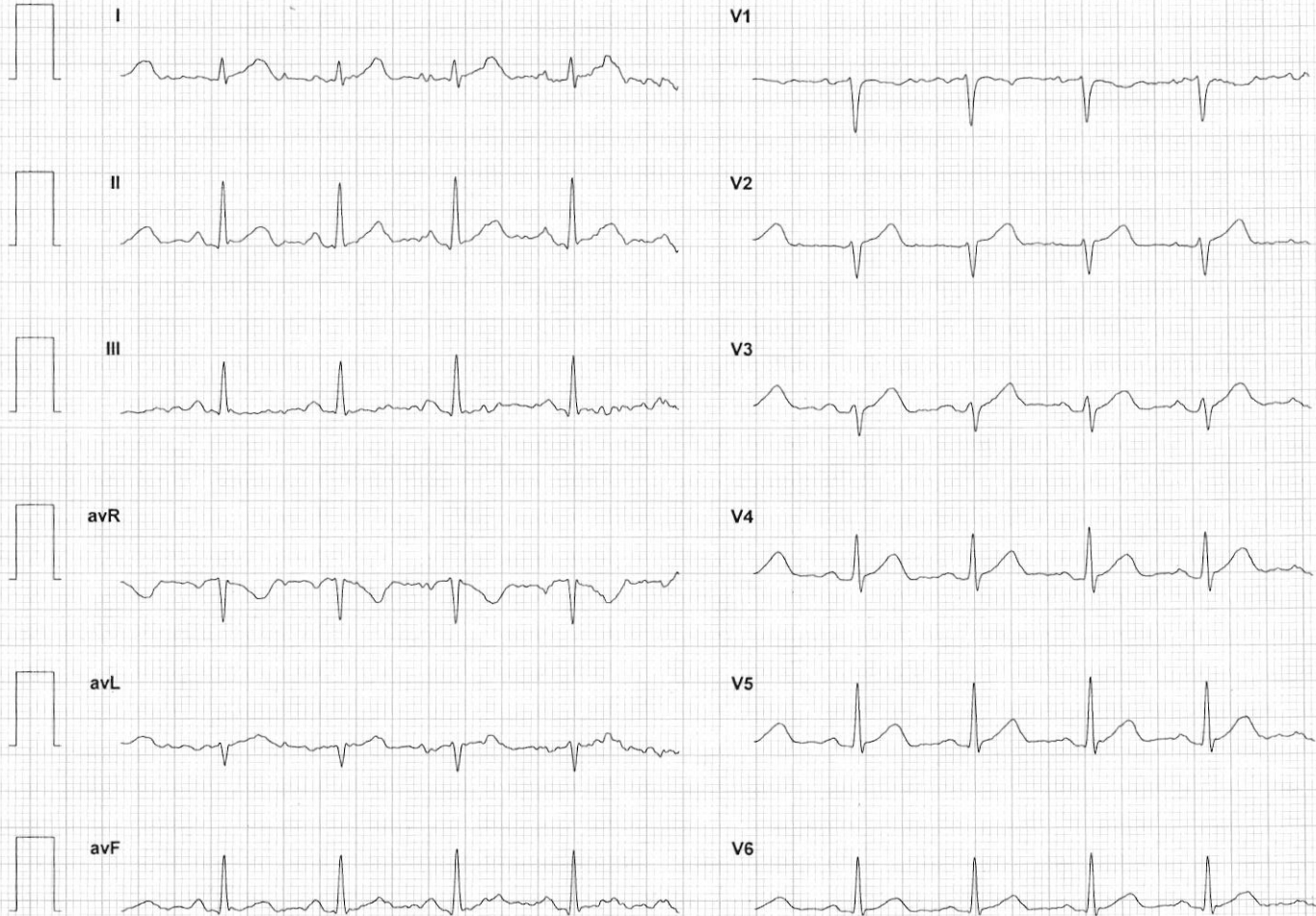
MPHR: 58% of 185  
 Speed: 0.0 mph  
 Grade: 0.0%

Raw ECG  
 BRUCE  
 (0.05-100)Hz

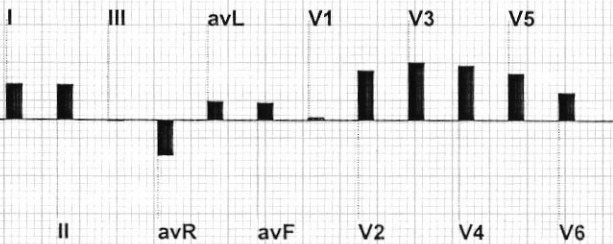
Ex Time 00:56  
 BLC :On  
 Notch :On

HV  
 10.0 mm/mV  
 25 mm/Sec.

4X 93 mS Post J



*Down by*





HR: 104 bpm  
METS: 1.0  
BP: 110/70

MPHR: 56% of 185  
Speed: 0.0 mph  
Grade: 0.0%

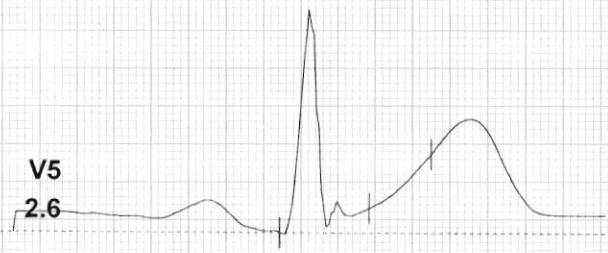
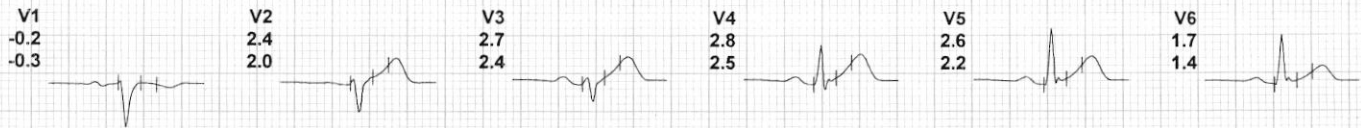
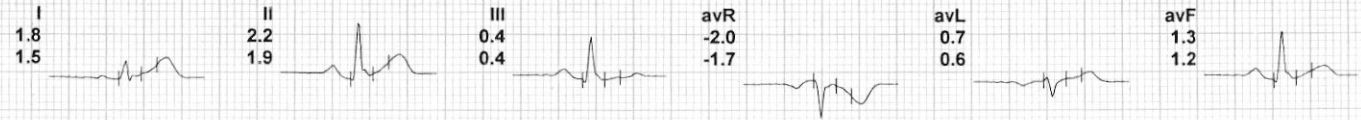
Raw ECG  
BRUCE  
(0.05-100)Hz

Ex Time 01:23  
BLC :On  
Notch :On

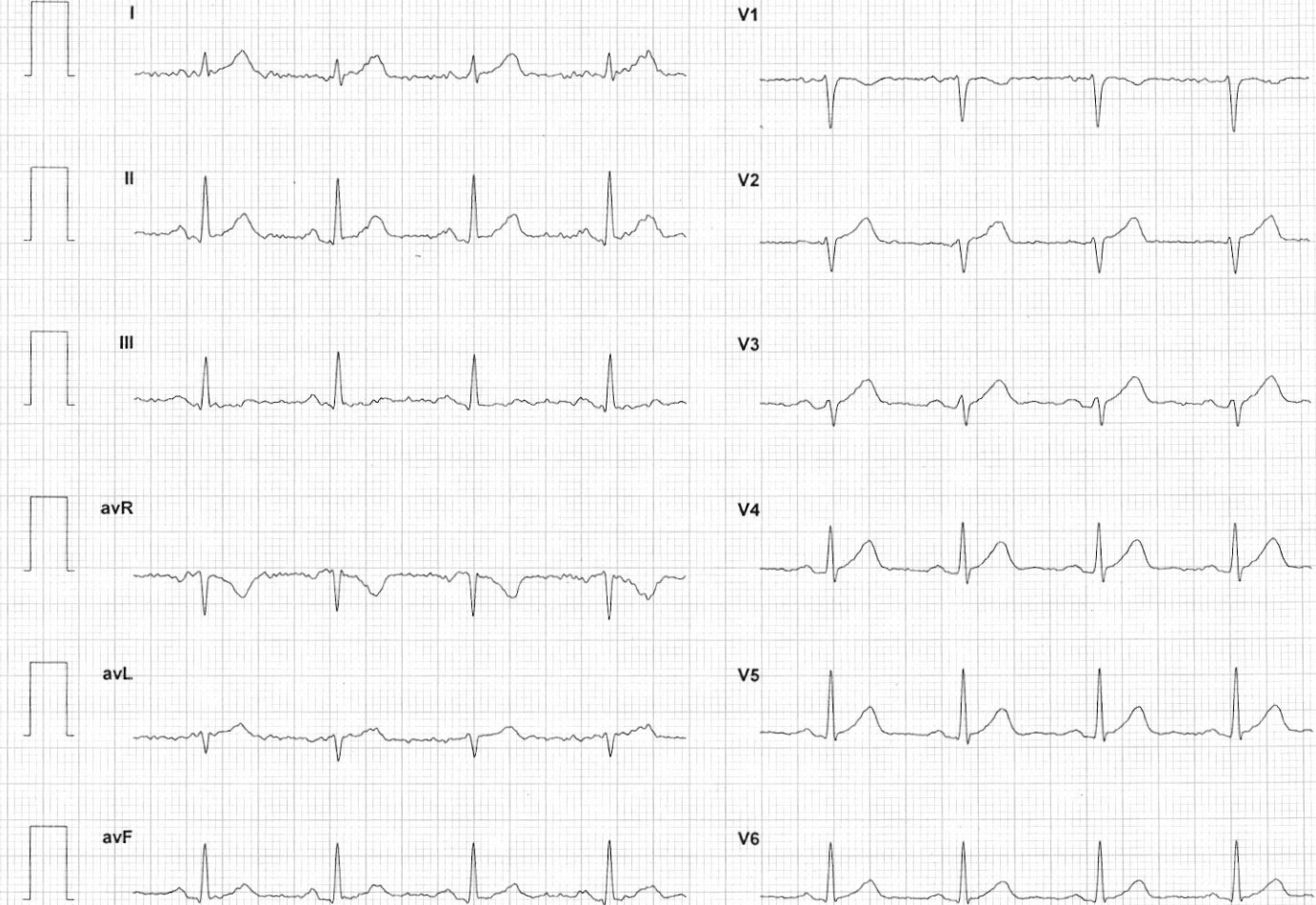
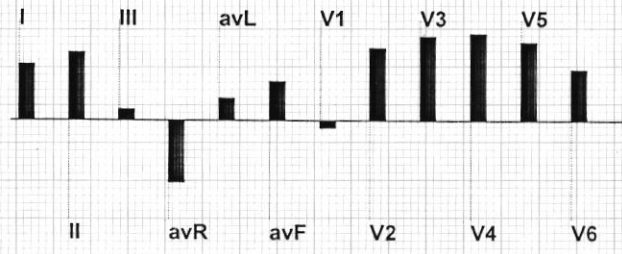
ExStart  
10.0 mm/mV  
25 mm/Sec.



4X 93 mS Post J



*Dr. Talwar*





HR: 124 bpm  
 METS: 4.7  
 BP: 122/78

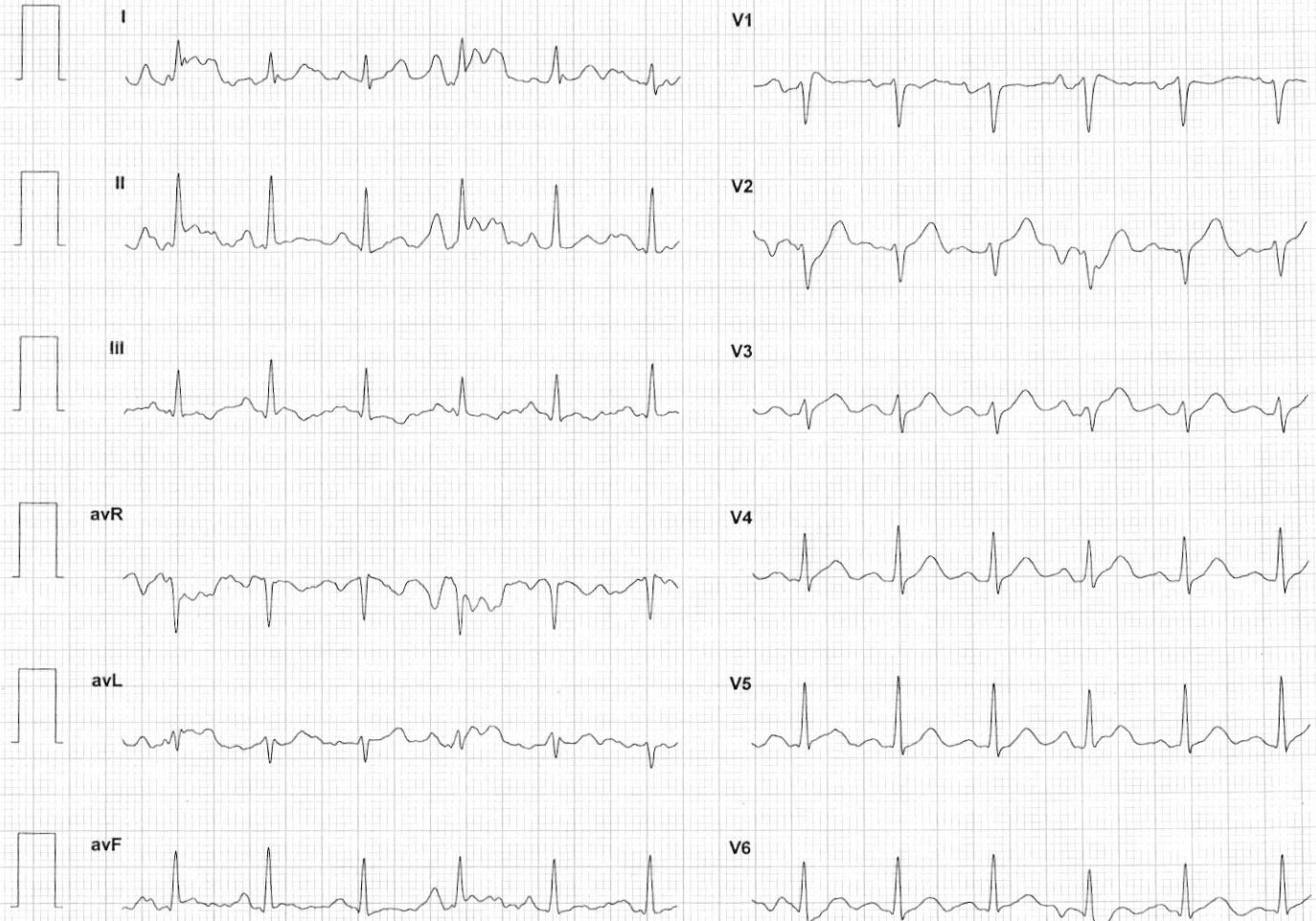
MPHR: 67% of 185  
 Speed: 1.7 mph  
 Grade: 10.0%

Raw ECG  
 BRUCE  
 (0.05-100)Hz

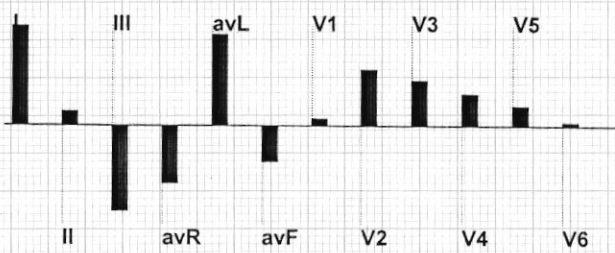
Ex Time 03:00  
 BLC :On  
 Notch :On

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

4X 93 mS Post J



*Amrinder*





HR: 143 bpm

METS: 7.1

BP: 128/86

MPHR: 77% of 185

Speed: 2.5 mph

Grade: 12.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 05:59

BLC :On

Notch :On

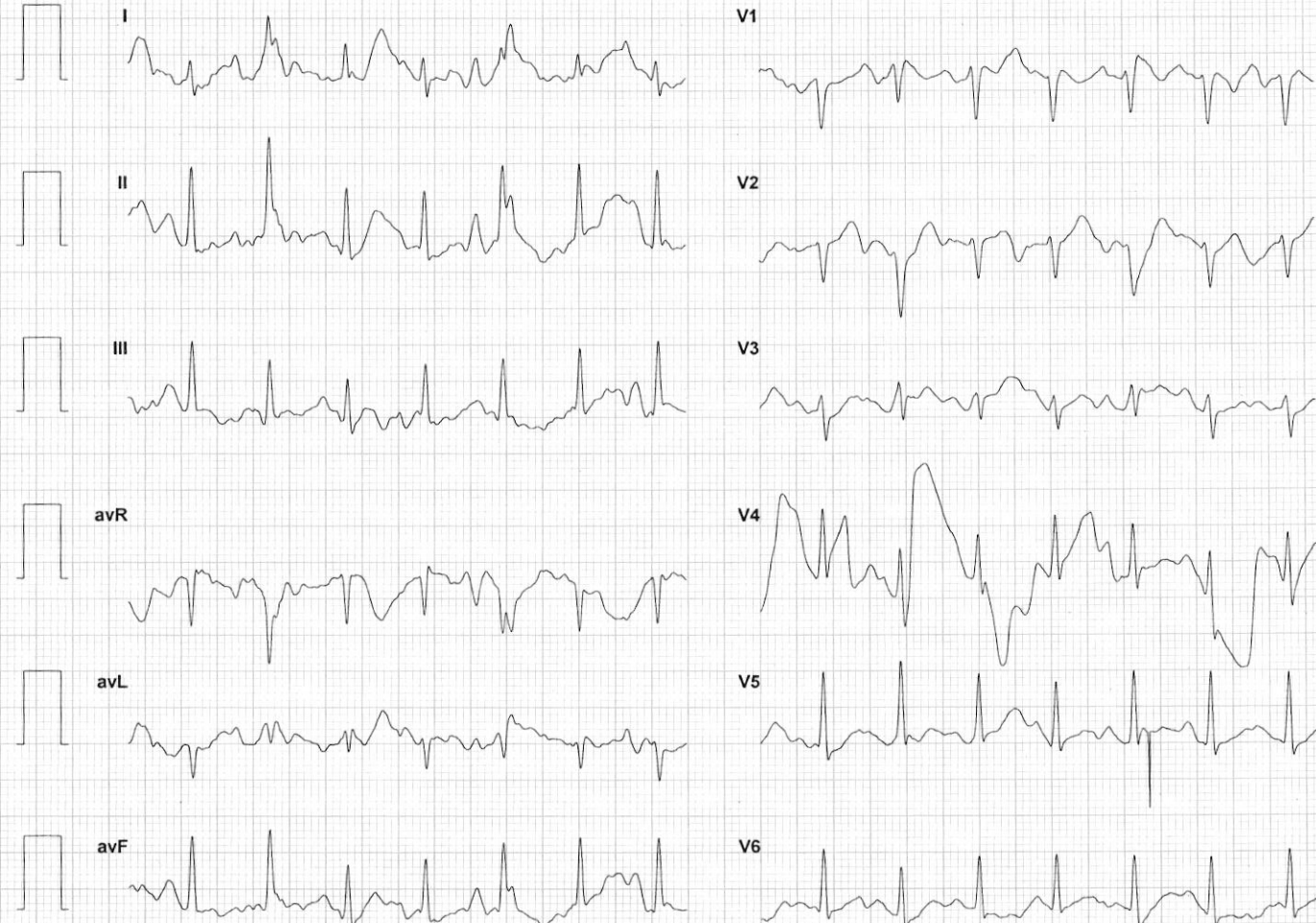
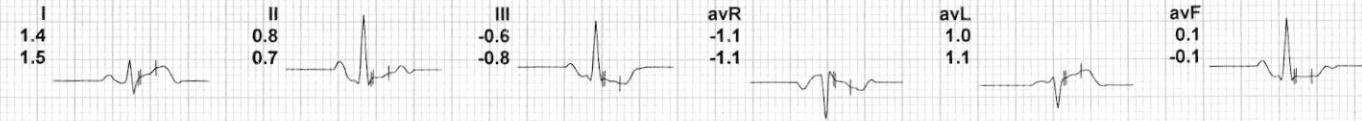
Stage 2 ( 03:00 )

10.0 mm/mV

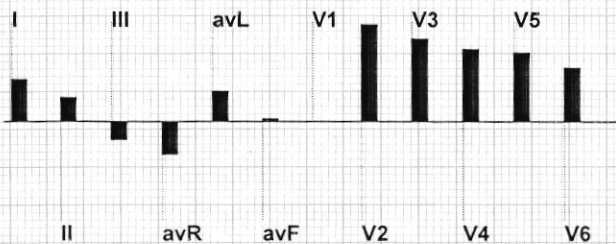
25 mm/Sec.



4X 80 mS Post J



*Handwritten signature*



HR: 170 bpm  
METS: 10.2  
BP: 136/94

MpHR: 91% of 185  
Speed: 3.4 mph  
Grade: 14.0%

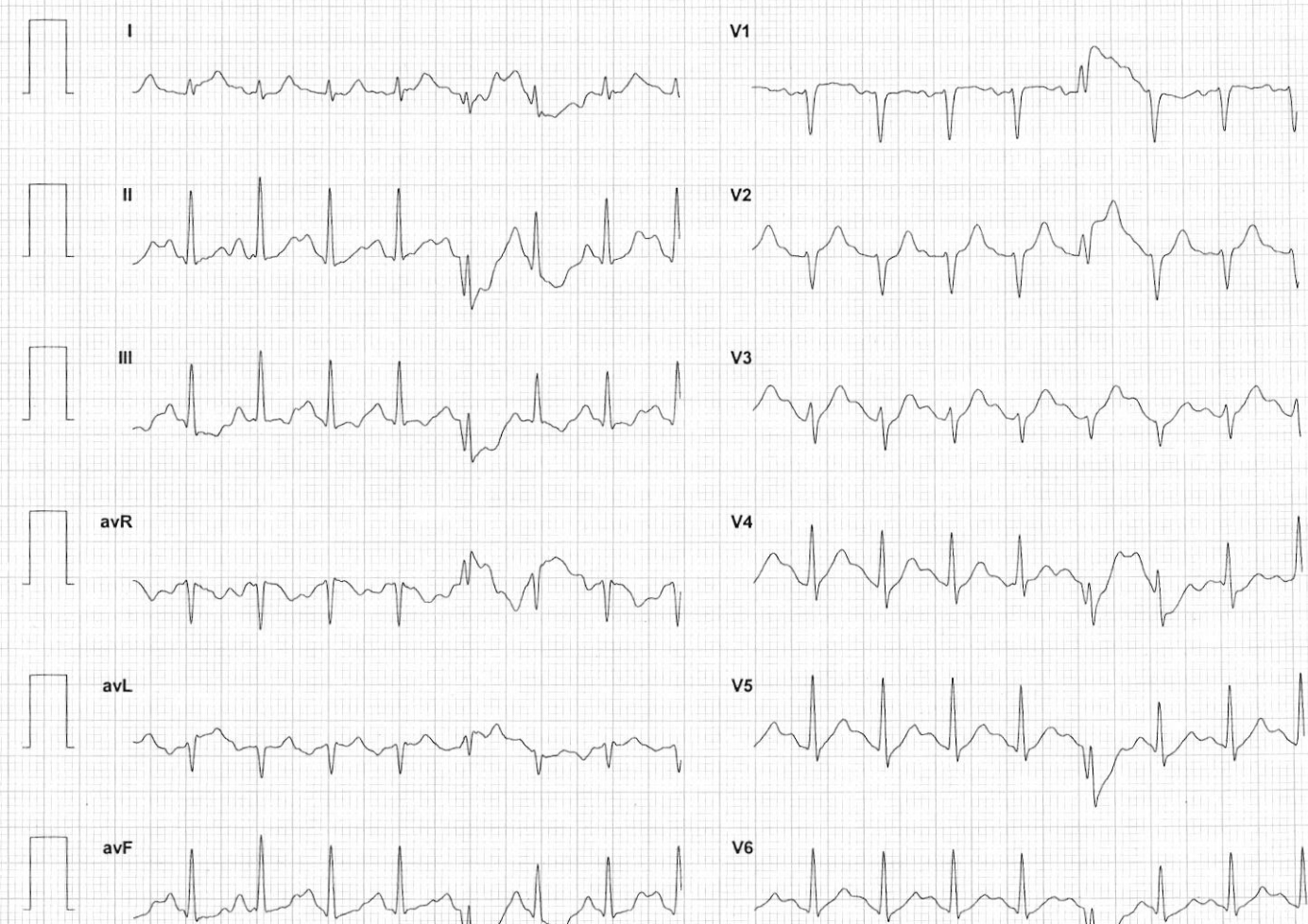
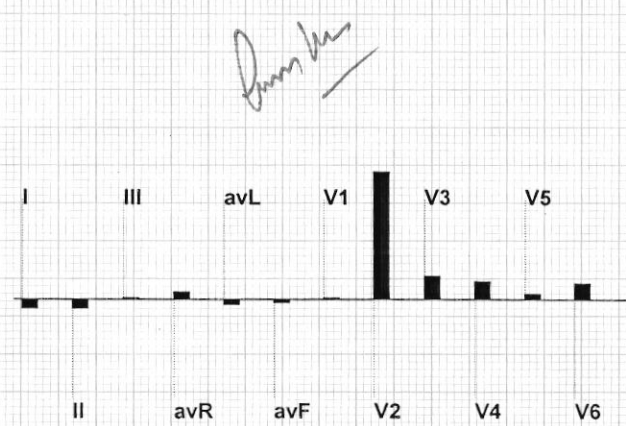
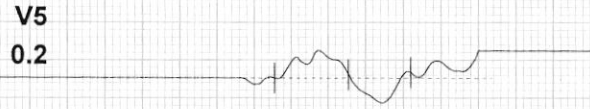
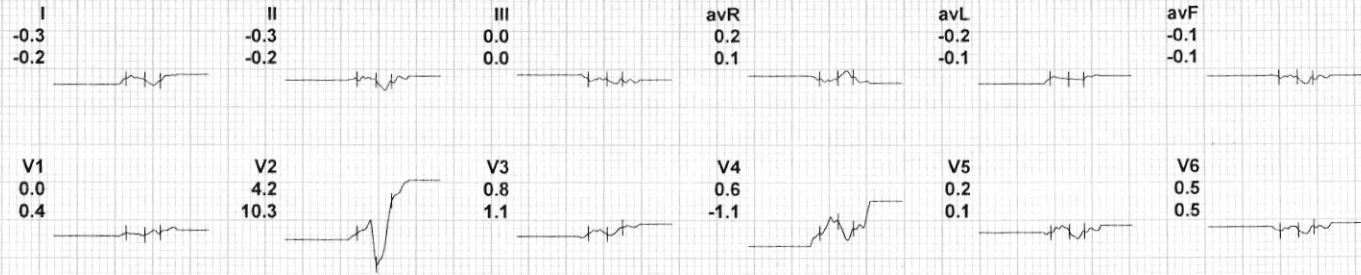
Raw ECG  
BRUCE  
(0.05-100)Hz

Ex Time 09:00  
BLC :On  
Notch :On

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



4X 93 mS Post J





HR: 158 bpm  
METS: 10.5  
BP: 136/94

MPHR:85% of 185  
Speed: 4.2 mph  
Grade: 16.0%

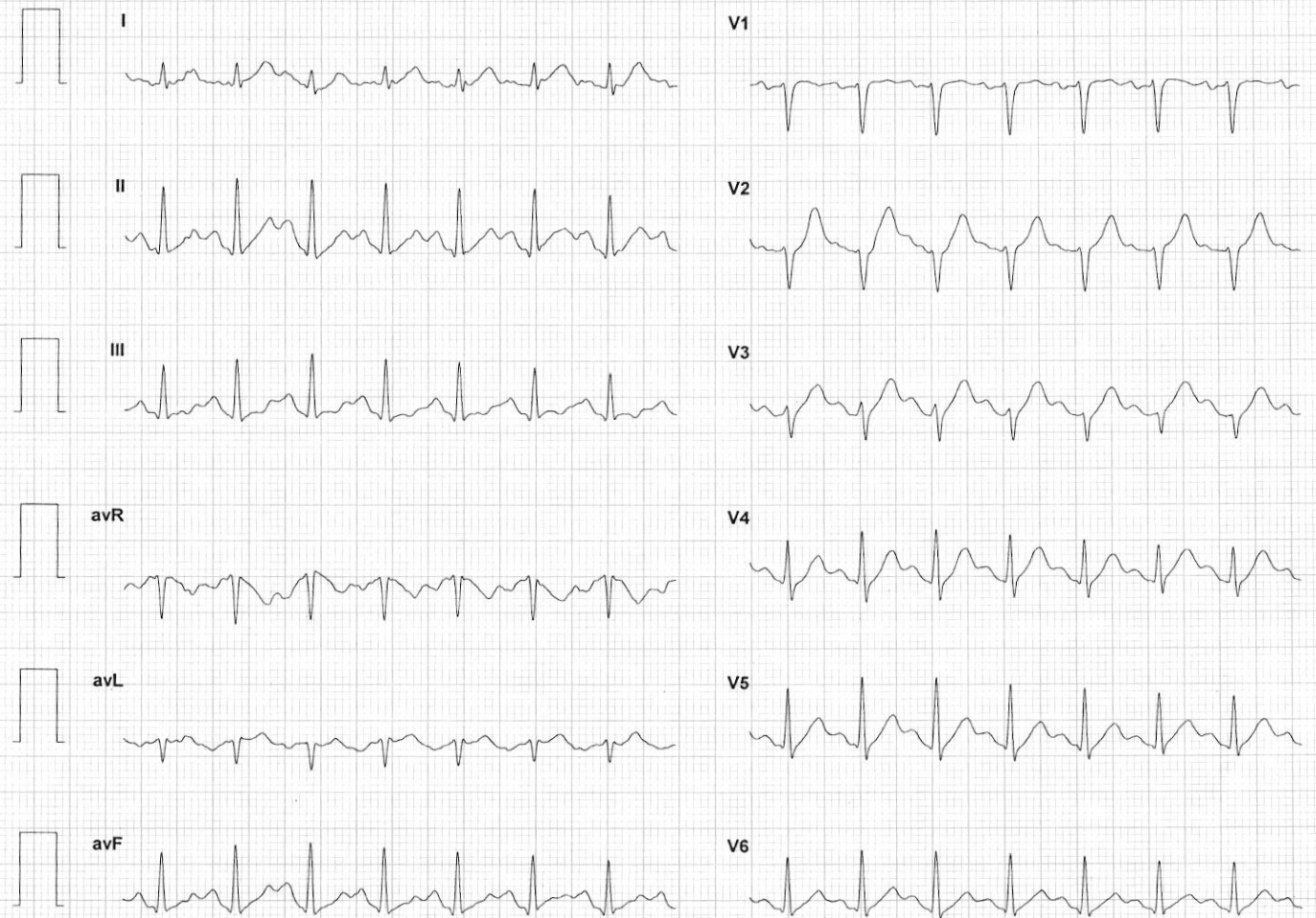
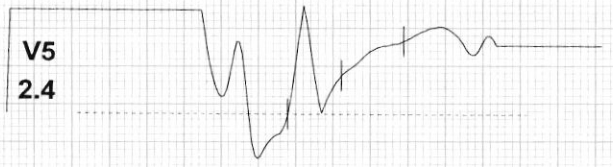
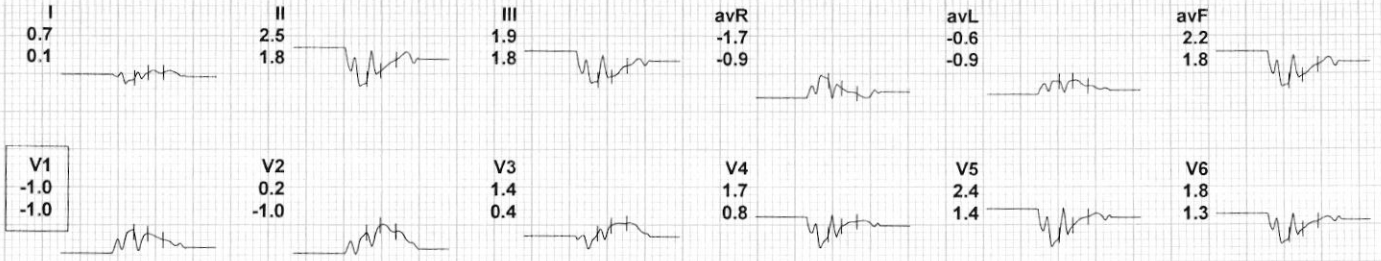
Raw ECG  
BRUCE  
(0.05-100)Hz

Ex Time 09:17  
BLC :On  
Notch :On

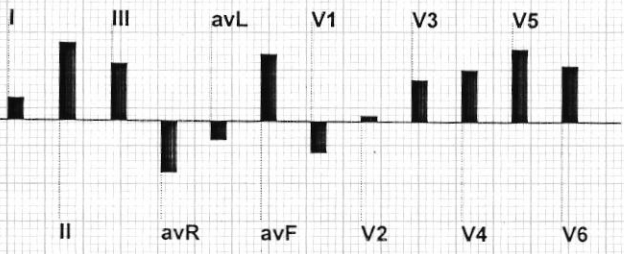
BRUCE:PeakEx(0:17)  
10.0 mm/mV  
25 mm/Sec.



4X 93 mS Post J



*Amir*



12 Lead + Median

HR: 117 bpm  
METS: 4.3  
BP: 134/92

MPHR: 63% of 185  
Speed: 0.0 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(0.05-100)Hz

Ex Time 09:17  
BLC :On  
Notch :On

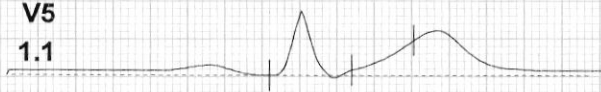
Recovery : ( 01:00 )  
10.0 mm/mV  
25 mm/Sec.



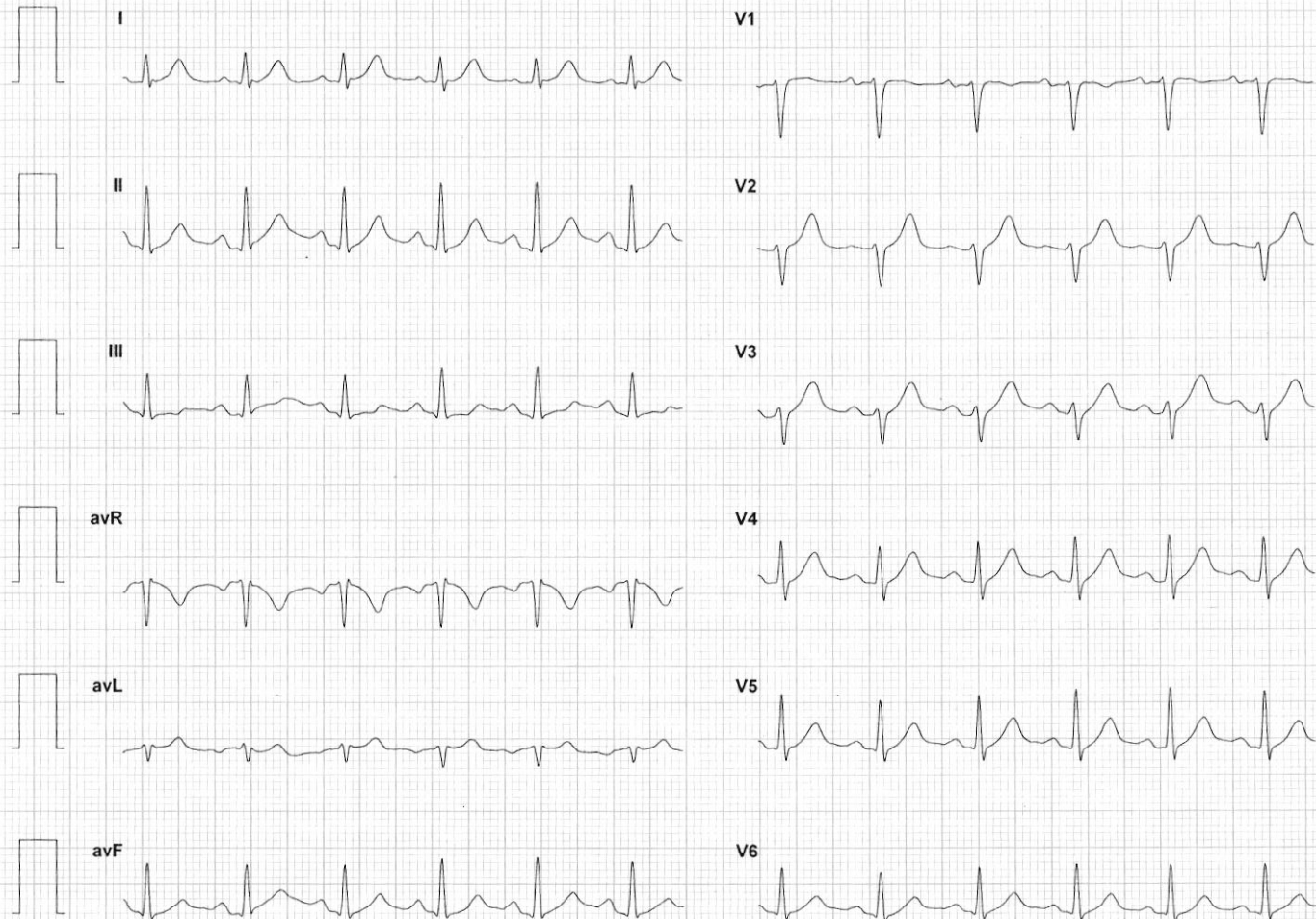
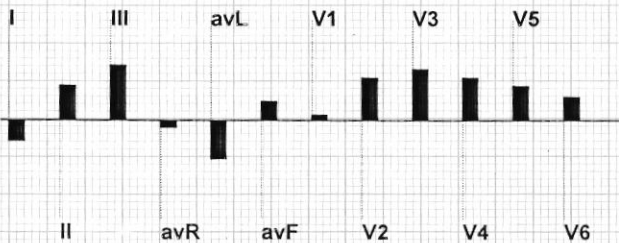
4X 80 mS Post J



V5  
1.1



*Am 11/2*





HR: 112 bpm  
METS: 1.0  
BP: 130/86

MPHR:60% of 185  
Speed: 0.0 mph  
Grade: 0.0%

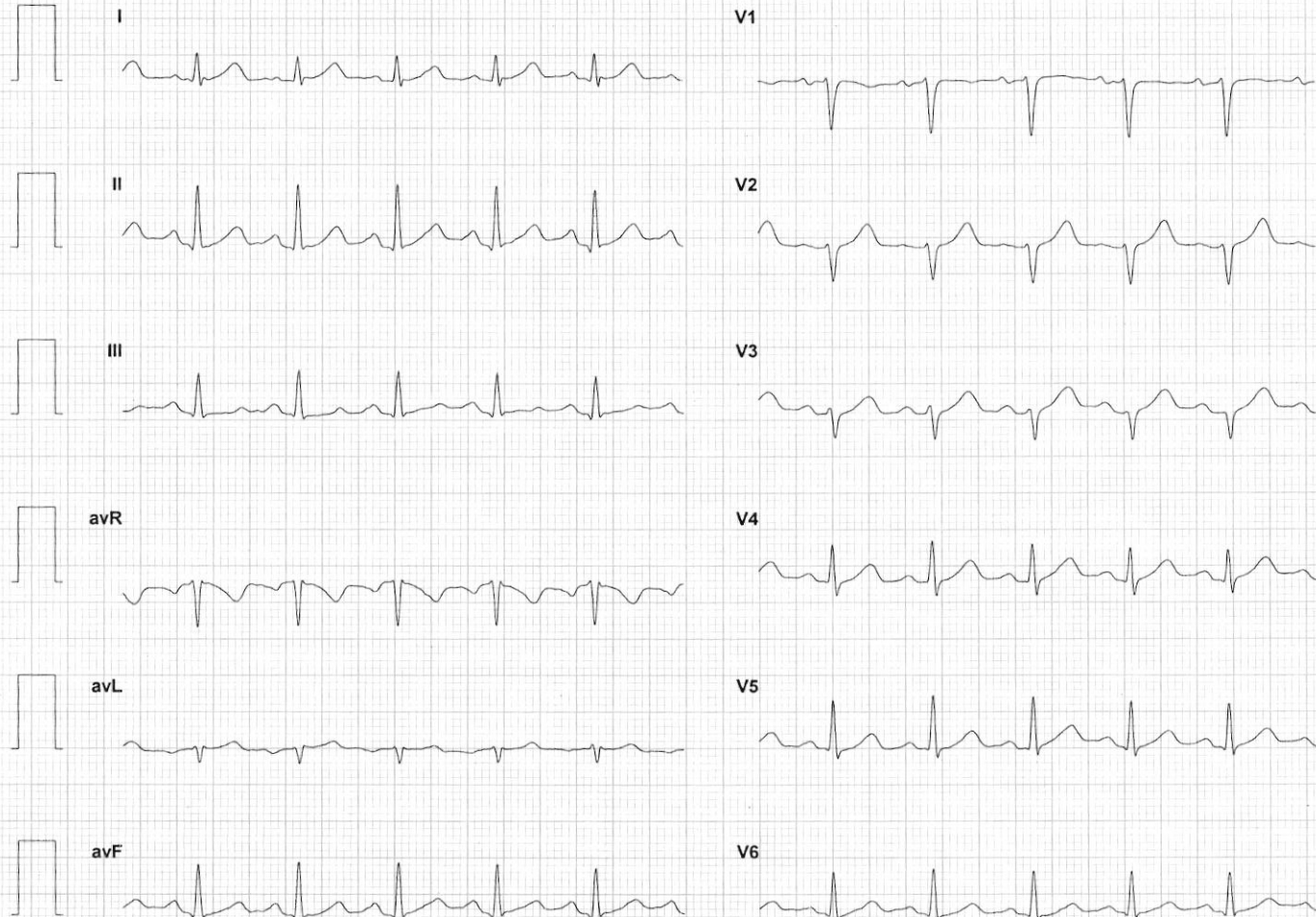
Raw ECG  
BRUCE  
(0.05-100)Hz

Ex Time 09:17  
BLC :On  
Notch :On

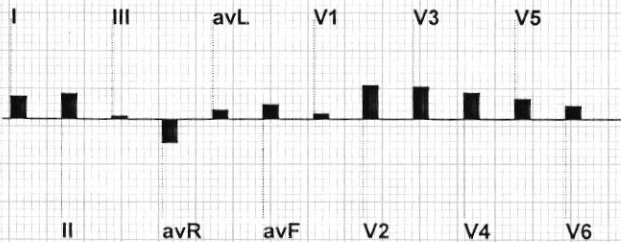
Recovery : ( 03:00 )  
10.0 mm/mV  
25 mm/Sec.



4X 80 mS Post J



*Dr. K...*



12 Lead + Median

HR: 107 bpm

METS: 1.0

BP: 124/80

MPHR: 57% of 185

Speed: 0.0 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 09:17

BLC :On

Notch :On

Recovery : ( 05:00

10.0 mm/mV

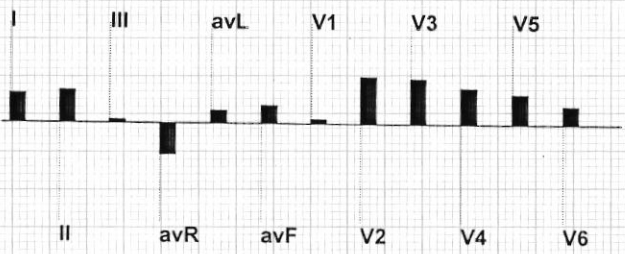
25 mm/Sec.



4X 80 mS Post J



*Dharm Kumar*



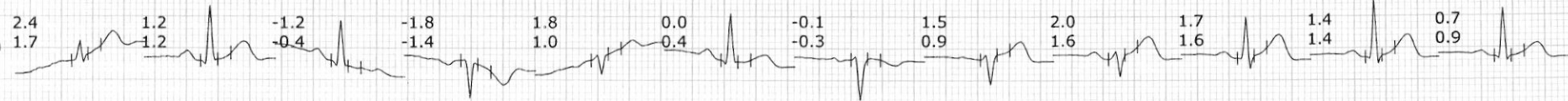




I II III avR avL avF V1 V2 V3 V4 V5 V6

Supine

(1) 0:00 0.0 mph  
(2) 0:00 0.0 %  
85 bpm 110/70



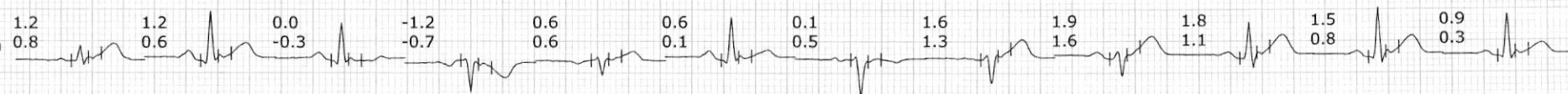
Standing

(1) 0:00 0.0 mph  
(2) 0:00 0.0 %  
95 bpm 110/70



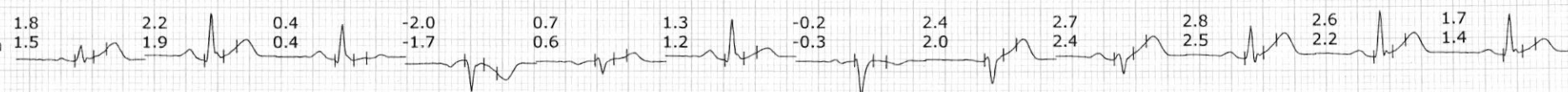
HV

(1) 0:00 0.0 mph  
(2) 0:00 0.0 %  
108 bpm 110/70



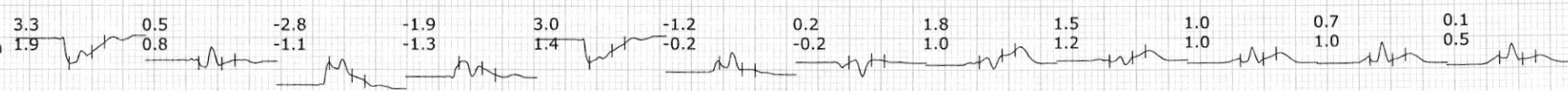
ExStart

(1) 0:00 0.0 mph  
(2) 0:00 0.0 %  
104 bpm 110/70



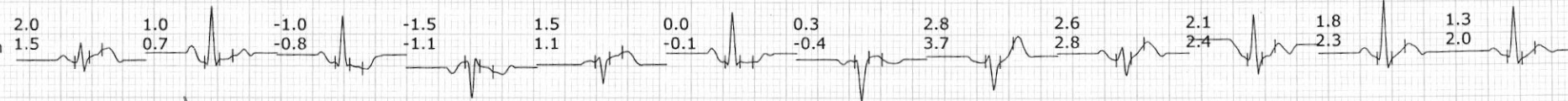
Stage 1

(1) 3:00 1.7 mph  
(2) 3:00 10.0 %  
124 bpm 122/78



Stage 2

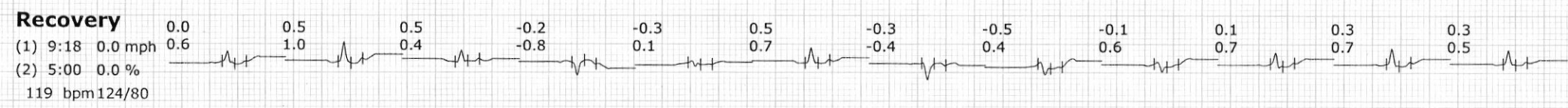
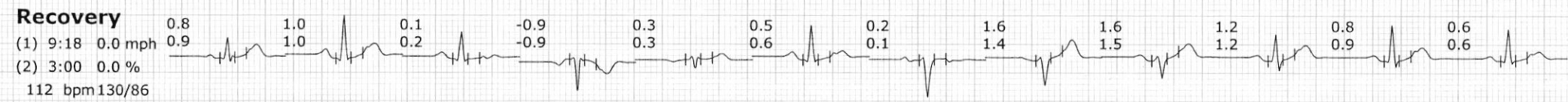
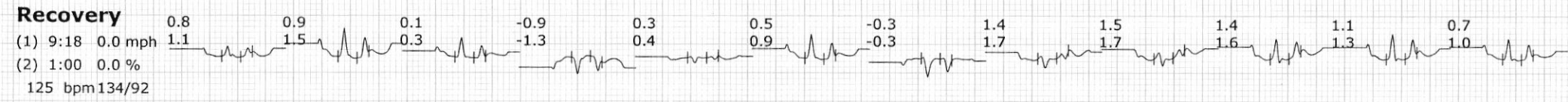
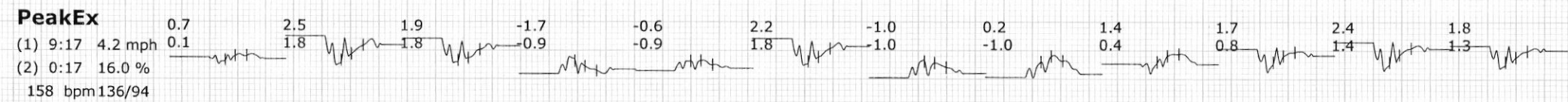
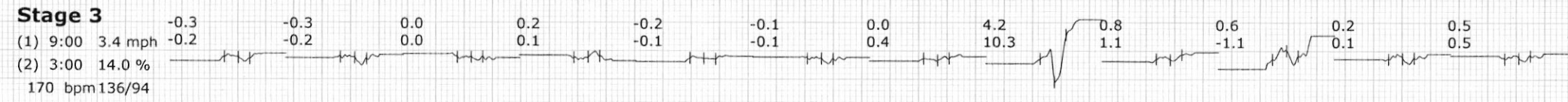
(1) 6:00 2.5 mph  
(2) 3:00 12.0 %  
144 bpm 128/86



*Dr. [Signature]*



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



*Dr. Talwar*