



1236444 / RAJIV KHATRI  
39 Yrs / Male  
64 Kg / 171 Cms.

09-Mar-2024 11:17:56 AM

Protocol : BRUCE

Medication :  
Ref.By : BANK OF BARODA

Objective :  
History :

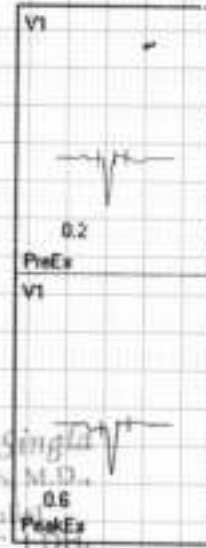
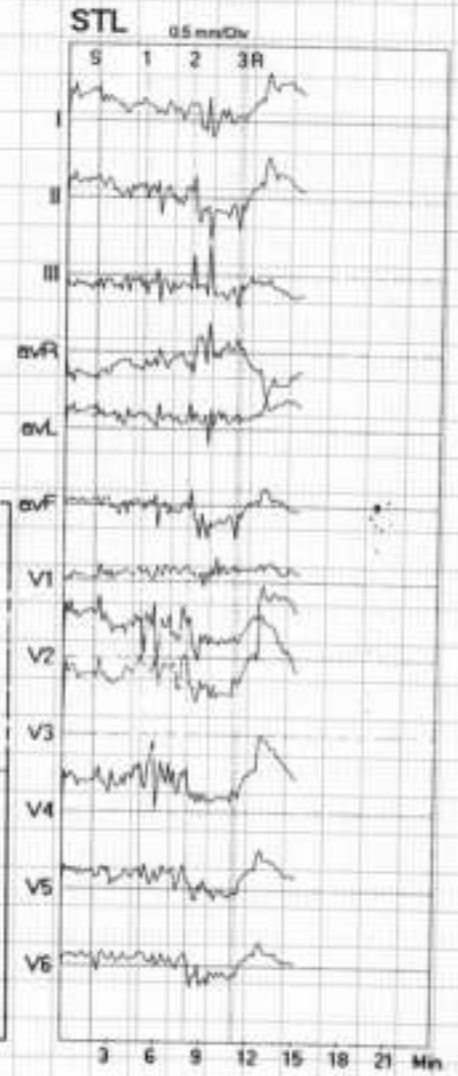
Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (mph)	Grade (%)	METs	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	71	110/70	78	-	
Standing					1.0	77	115/75	88	-	
HV					1.0	74	118/78	87	-	
ExStart					1.0	72	120/80	86	-	
Stage 1	3:00	3:01	1.7	10.0	4.7	103	122/82	125	2	
Stage 2	3:00	6:01	2.5	12.0	7.1	130	132/92	171	5	
Stage 3	3:00	9:01	3.4	14.0	10.2	176	136/96	239	4	
PeakEx	0:12	9:13	4.2	16.0	10.3	176	136/96	239	-	
Recovery	1:00		1.1	0.0	4.3	144	138/98	198	-	
Recovery	2:00		1.1	0.0	1.0	123	134/94	164	-	
Recovery	3:00		1.1	0.0	1.0	108	132/92	142	-	
Recovery	4:00		1.1	0.0	1.0	104	128/88	133	-	
Recovery	4:10		1.1	0.0	1.0	101	122/82	123	-	

Findings :

Exercise Time : 09:13  
Max HR Attained : 176 bpm 97% of Target 181  
Max BP : 136/96(mmHg)  
Max WorkLoad attained : 10.4(Good Effort Tolerance)

*TMT negative for Ischemia*

*Dr. P. Kant Singh  
M.B.B.S., M.D.  
Medical Specialist  
Registrar CMC, LDM*



Advice/Comments:

*[Handwritten signature]*



Protocol : BRUCE

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STL (mm) 80 mSecs Post J	Supine	2.0	1.3	-0.7	-1.6	1.4	0.3	0.0	3.6	4.8	2.6	1.6	0.7
	Standing	1.4	1.0	-0.4	-1.2	1.0	0.3	0.6	2.7	4.5	2.4	1.1	0.6
	HV	1.7	1.0	-0.7	-1.4	1.1	0.2	0.3	2.5	3.5	1.7	0.9	0.5
	ExStart	1.9	1.3	-0.5	-1.6	1.2	0.4	0.2	3.1	3.9	2.0	1.1	0.7
	Stage 1	1.4	0.7	-0.8	-1.2	1.0	0.0	0.9	2.4	4.7	2.7	1.2	0.6
	Stage 2	1.2	0.8	-0.7	-1.0	0.7	0.2	1.0	2.6	5.2	2.4	1.6	0.7
	Stage 3	0.3	-1.1	-1.5	0.4	0.7	-1.3	0.8	1.2	2.6	0.7	-0.5	-0.8
	PeakEx	0.2	-0.4	-0.5	0.1	0.4	-0.5	0.6	1.0	3.4	1.2	-0.3	-0.5
	Recovery	1.2	0.8	-0.3	-1.0	0.8	0.3	0.8	2.6	5.2	2.7	1.3	0.7
	Recovery	2.2	1.8	-0.6	-2.0	1.3	0.6	1.2	3.9	7.2	4.6	1.9	0.8
	Recovery	2.7	1.3	-1.3	-2.0	2.0	0.1	0.4	4.1	5.5	3.3	1.2	0.5
	Recovery	1.9	0.6	-1.3	-1.3	1.6	-0.4	0.5	3.1	4.1	2.2	0.9	0.2
	Recovery	1.7	0.5	-1.3	-1.1	1.5	-0.4	0.5	2.9	3.8	1.9	0.6	0.1
	STS mV/Sec	Supine	1.7	1.5	-0.2	-1.6	0.9	0.7	-0.3	2.5	3.6	2.3	1.7
Standing		1.0	1.0	-0.1	-1.0	0.6	0.4	0.2	1.9	3.7	2.0	1.2	0.8
HV		1.3	0.9	-0.4	-1.1	0.7	0.3	0.2	2.0	3.4	1.8	1.1	0.6
ExStart		1.5	1.2	-0.3	-1.3	0.9	0.4	-0.1	2.4	3.3	1.9	1.2	0.9
Stage 1		1.3	1.3	0.0	-1.3	0.7	0.7	0.4	1.8	4.8	2.9	1.6	0.9
Stage 2		1.2	1.1	0.0	-1.1	0.5	0.7	0.7	1.7	6.7	3.1	2.8	1.4
Stage 3		1.2	1.5	0.2	-1.6	0.6	1.0	0.9	2.4	9.3	6.3	3.8	1.8
PeakEx		1.5	3.2	1.6	-2.5	-0.1	2.4	0.3	2.4	9.6	6.7	4.3	2.7
Recovery		2.5	3.6	1.2	-3.0	0.5	2.4	0.8	3.7	9.4	6.1	4.2	2.6
Recovery		2.7	3.5	0.8	-3.1	1.0	2.1	1.2	4.5	9.7	7.0	3.8	2.0
Recovery		2.8	2.3	-0.5	-2.6	1.6	1.0	0.1	4.0	5.9	4.1	2.1	1.1
Recovery		1.9	1.3	-0.6	-1.6	1.2	0.4	0.4	3.2	4.5	3.0	1.4	0.7
Recovery		1.7	1.2	-0.5	-1.5	1.1	0.4	0.4	3.1	3.9	2.6	1.2	0.6

STI on Next Page

STI

 $\mu\text{Vs}$ 

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
Supine	11.9	6.5	-5.5	-9.1	8.7	0.4	1.1	22.8	30.6	15.6	8.9	3.7
Standing	8.5	4.9	-3.5	-6.6	6.7	0.6	4.6	17.8	28.0	14.3	5.8	2.8
HV	10.7	5.1	-5.3	-7.9	7.0	-0.2	2.4	15.6	21.0	9.0	4.3	2.2
ExStart	12.0	7.6	-4.5	-9.7	8.2	1.5	2.2	20.1	25.1	12.4	6.1	3.5
Stage 1	5.6	-0.8	-6.7	-3.2	5.1	-3.2	6.6	11.7	21.3	11.1	3.7	1.3
Stage 2	2.7	-0.3	-6.0	-1.2	3.3	-1.9	6.2	11.2	15.4	5.2	0.7	-0.8
Stage 3	-1.7	-9.0	-7.5	5.6	1.4	-8.6	3.7	1.3	-4.3	-8.5	-10.9	-8.4
PeakEx	-3.0	-9.7	-5.8	6.5	2.1	-8.2	4.3	0.7	0.5	-5.5	-10.5	-9.3
Recovery	-0.4	-4.6	-4.2	2.4	2.7	-4.4	4.2	6.0	10.2	2.0	-2.2	-2.3
Recovery	4.0	-1.2	-6.9	-1.3	5.3	-3.8	5.4	10.6	19.8	10.5	1.1	-1.7
Recovery	8.5	0.4	-7.5	-4.6	8.2	-3.5	3.6	15.5	20.3	10.7	1.5	-0.6
Recovery	7.3	-0.6	-8.0	-3.2	7.6	-4.4	3.6	12.6	17.0	7.4	1.9	-0.8
Recovery	7.0	-1.0	-7.9	-3.0	7.4	-4.4	3.5	12.8	16.7	6.4	0.9	-1.2

HR: 71 bpm

METS: 1.0

BP: 110/70

Trgt HR: 39% of 181

Speed: 0.0 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 00:15

BLC :On

Notch :On

Supine

1.0 Cm/mV

25 mm/Sec.



4X

80 mS Post J



*[Handwritten signature]*

HR: 77 bpm

METS: 1.0

BP: 115/75

Trgt HR: 42% of 181

Speed: 0.0 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 00:41

BLC : On

Notch : On

Standing

1.0 Cm/mV

25 mm/Sec.



4X 80 mS Post J



HR: 74 bpm

METS: 1.0

BP: 118/78

Trgt HR: 40% of 181

Speed: 0.0 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 01:03

BLC : On

Notch : On

HV

1.0 Cm/mV

25 mm/Sec.



4X

80 mS Post J



HR: 72 bpm

METS: 1.0

BP: 120/80

Trgt HR: 39% of 181

Speed: 0.0 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 01:59

BLC : On

Notch : On

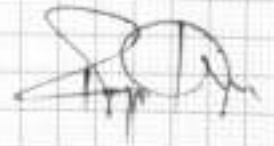
ExStart

1.0 Cm/mV

25 mm/Sec.



4X 80 mS Post J



HR: 103 bpm  
METS: 4.7  
BP: 122/82

Trgt HR: 56% of 181  
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)  
1.0 Cm/mV  
25 mm/Sec.



4X 80 ms Post J





HR: 130 bpm

METS: 7.1

BP: 132/92

Trgt HR: 71% of 181

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)

1.0 Cm/mV

25 mm/Sec.



4X

80 mS Post J



*Signature*

HR: 176 bpm  
METS: 10.2  
BP: 136/96

Trgt HR: 97% of 181  
Speed: 3.4 mph  
Grade: 14.0%

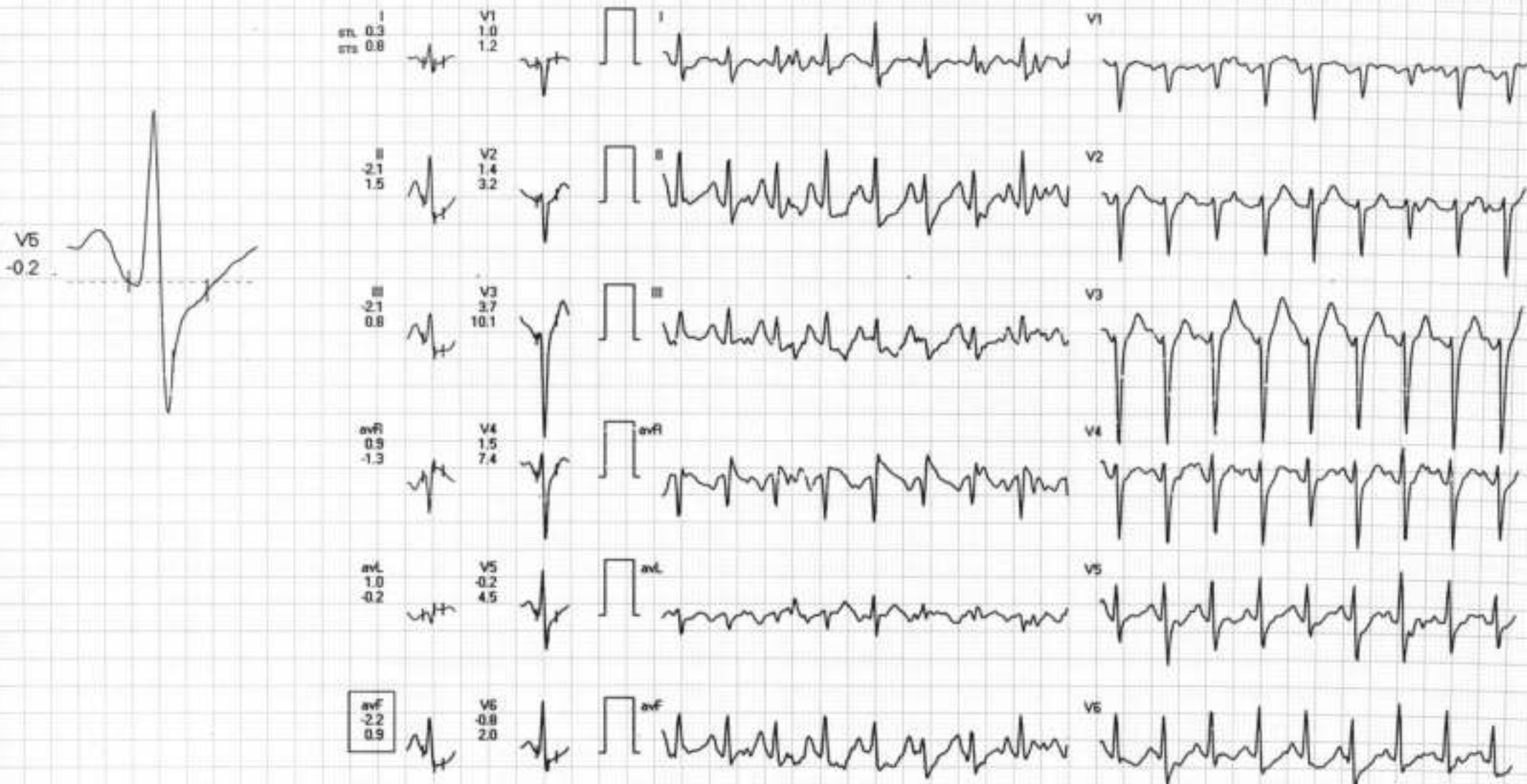
Raw ECG  
BRUCE  
(0.05-100)Hz

Ex Time 09:00  
BLC : On  
Notch : On

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



4X 80 mS Post J



HR: 176 bpm

METS: 10.3

BP: 136/96

Trgt HR: 97% of 181

Speed: 4.2 mph

Grade: 16.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 09:12

BLC : On

Notch : On

BRUCE:PeakEx(0:12)

1.0 Cm/mV

25 mm/Sec.



4X 80 mS Post J



HR: 144 bpm  
METS: 4.3  
BP: 138/98

Trgt HR: 79% of 181  
Speed: 1.1 mph  
Grade: 0.0%

Raw ECG  
BRUCE  
(0.05-100)Hz

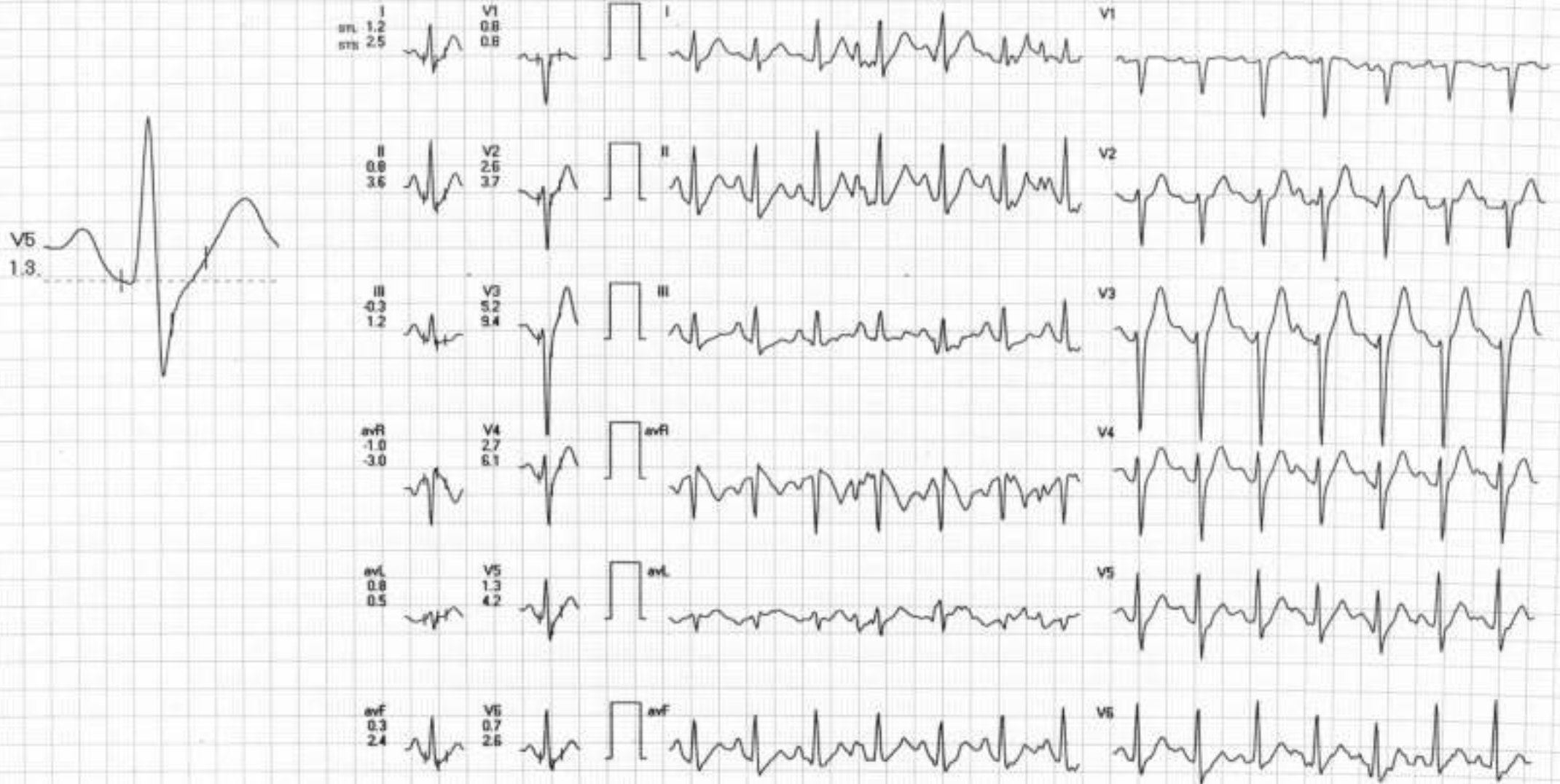
Ex Time 09:13  
BLC :On  
Notch :On

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



4X

80 mS Post J



HR: 123 bpm

METS: 1.0

BP: 134/94

Trgt HR: 67% of 181

Speed: 1.1 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 09:13

BLC : On

Notch : On

Recovery (2:00)

1.0 Cm/mV

25 mm/Sec.



4X

80 mG Post J



HR: 108 bpm

METS: 1.0

BP: 132/92

Trgt HR: 59% of 181

Speed: 1.1 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 09:13

BLC : On

Notch : On

Recovery(3:00)

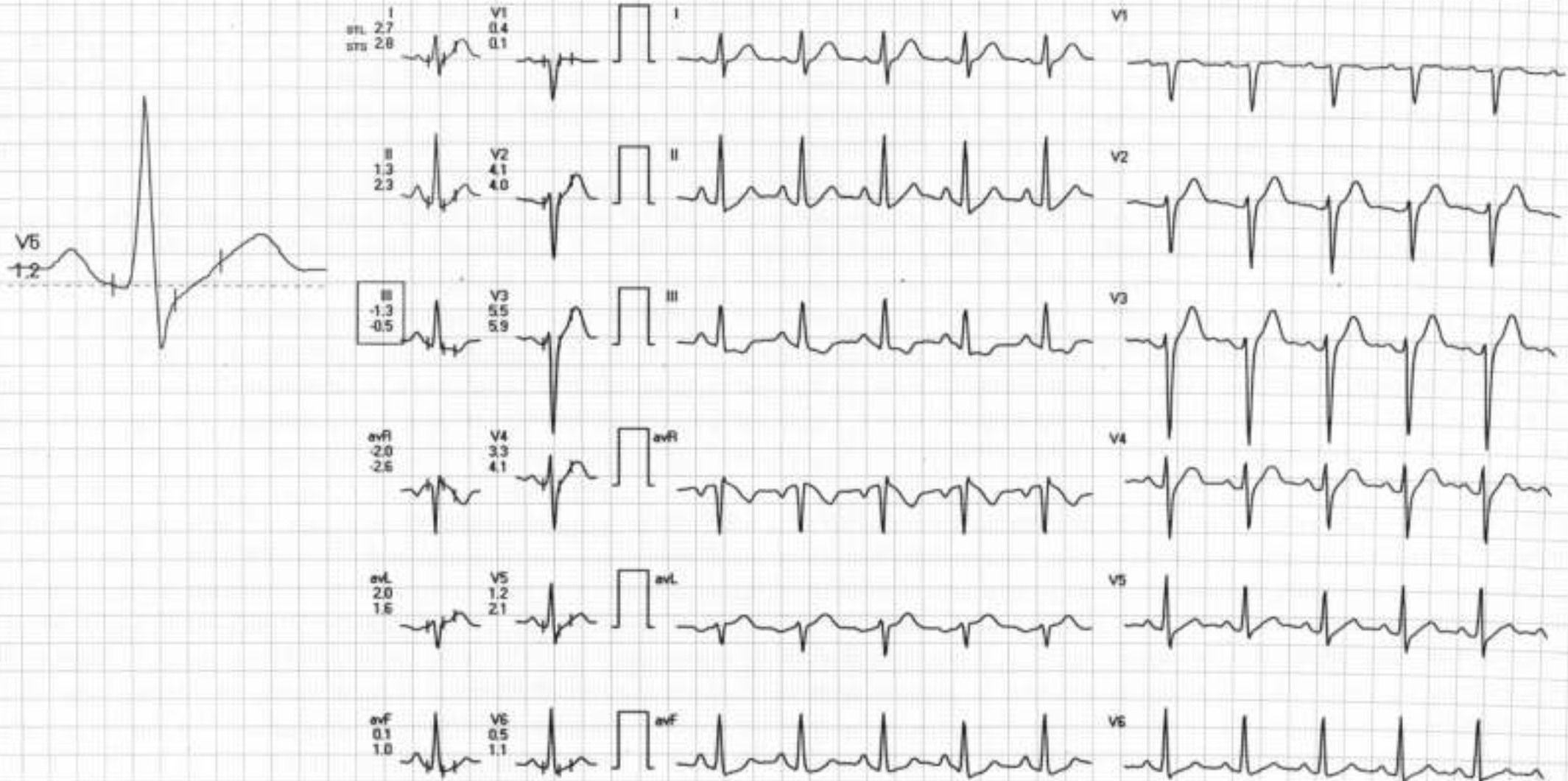
1.0 Cm/mV

25 mm/Sec.



4X

80 mS Post J



HR: 104 bpm

METS: 1.0

BP: 128/88

Trgt HR: 57% of 181

Speed: 1.1 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 09:13

BLC : On

Notch : On

Recovery(4:00)

1.0 Cm/mV

25 mm/Sec.



4X

80 mS Post J



HR: 101 bpm

METS: 1.0

BP: 122/82

Trgt HR: 55% of 181

Speed: 1.1 mph

Grade: 0.0%

Raw ECG

BRUCE

(0.05-100)Hz

Ex Time 09:13

BLC :On

Notch :On

Recovery(4:10)

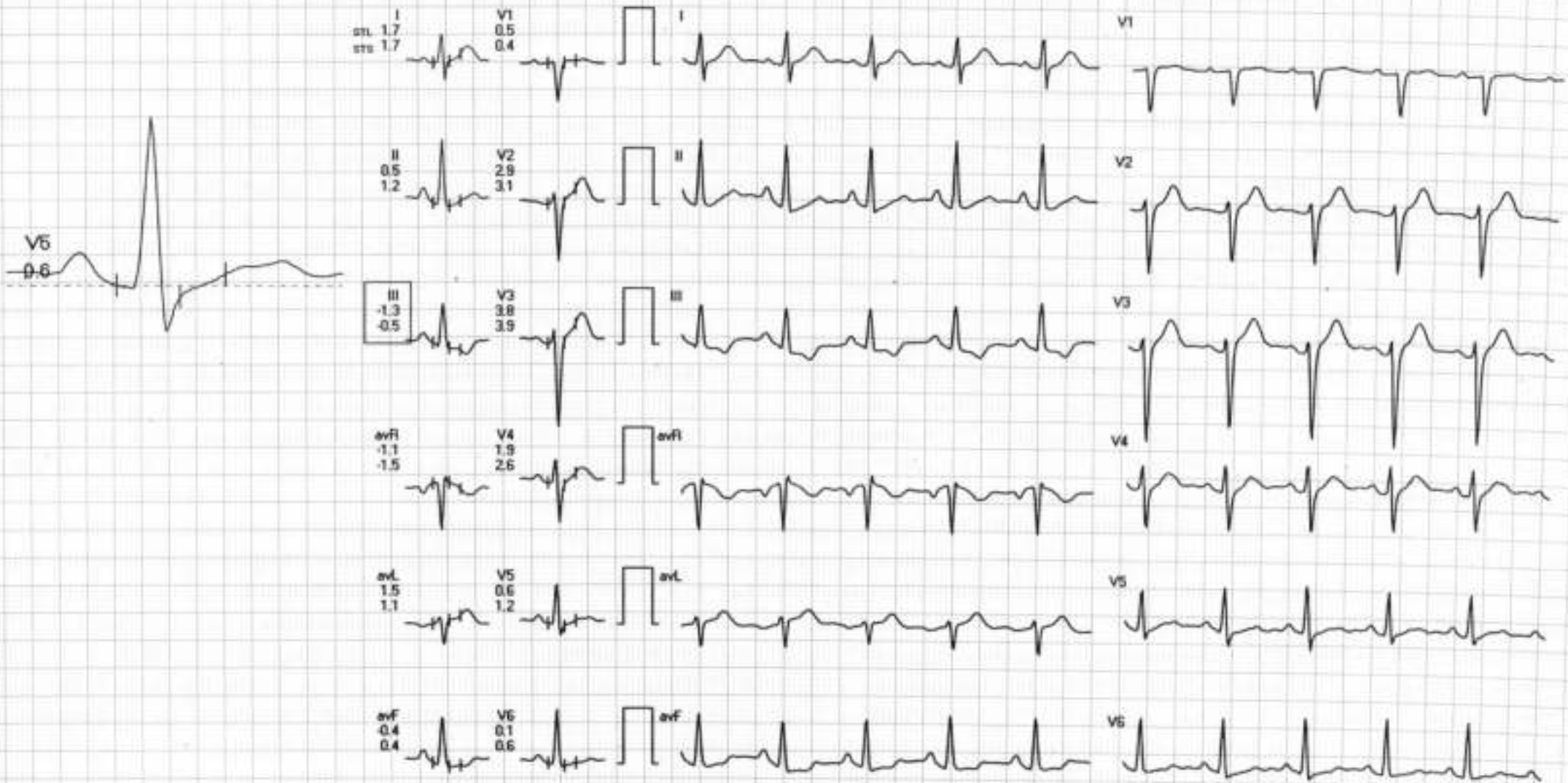
1.0 Cm/mV

25 mm/Sec.

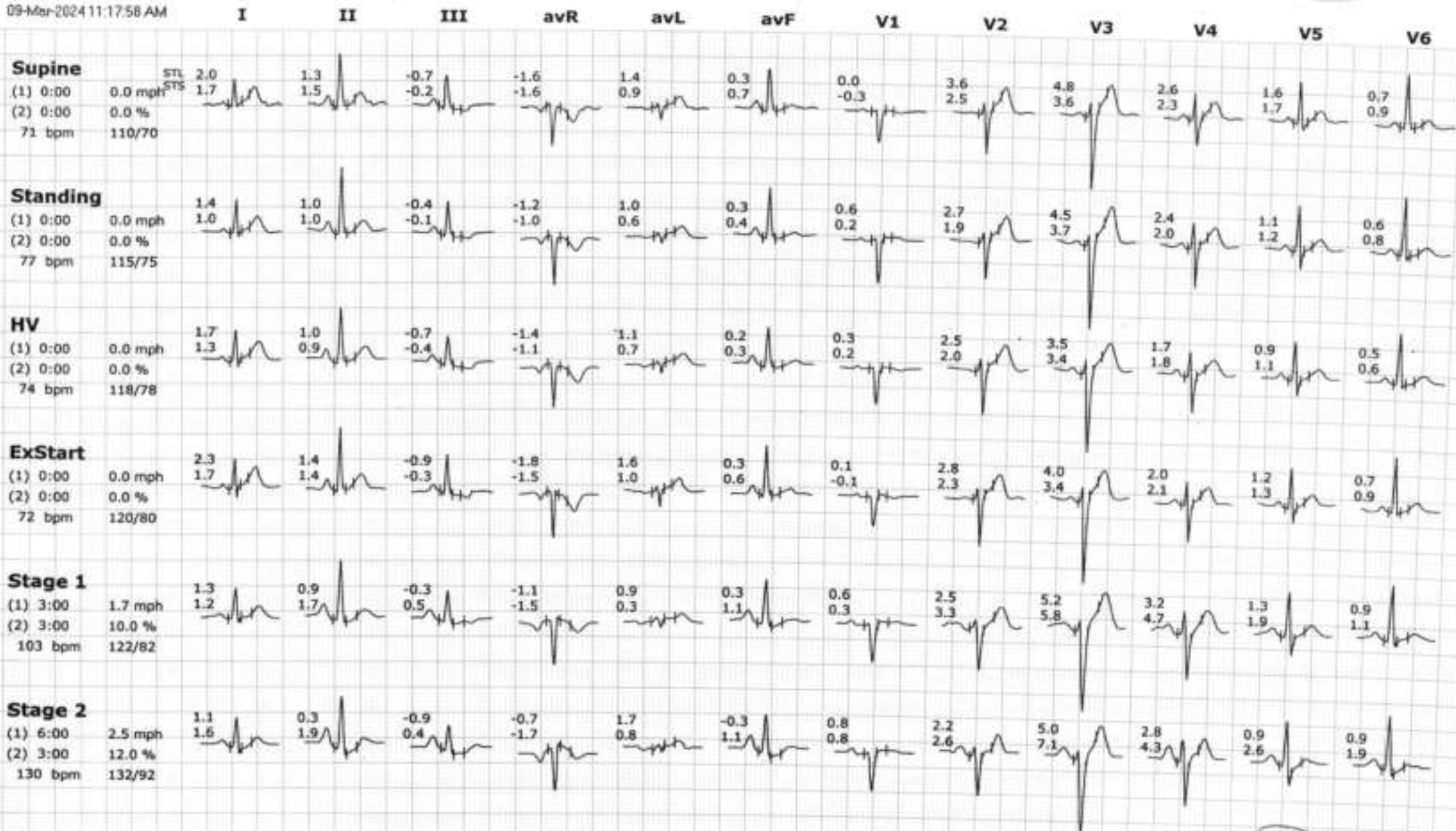


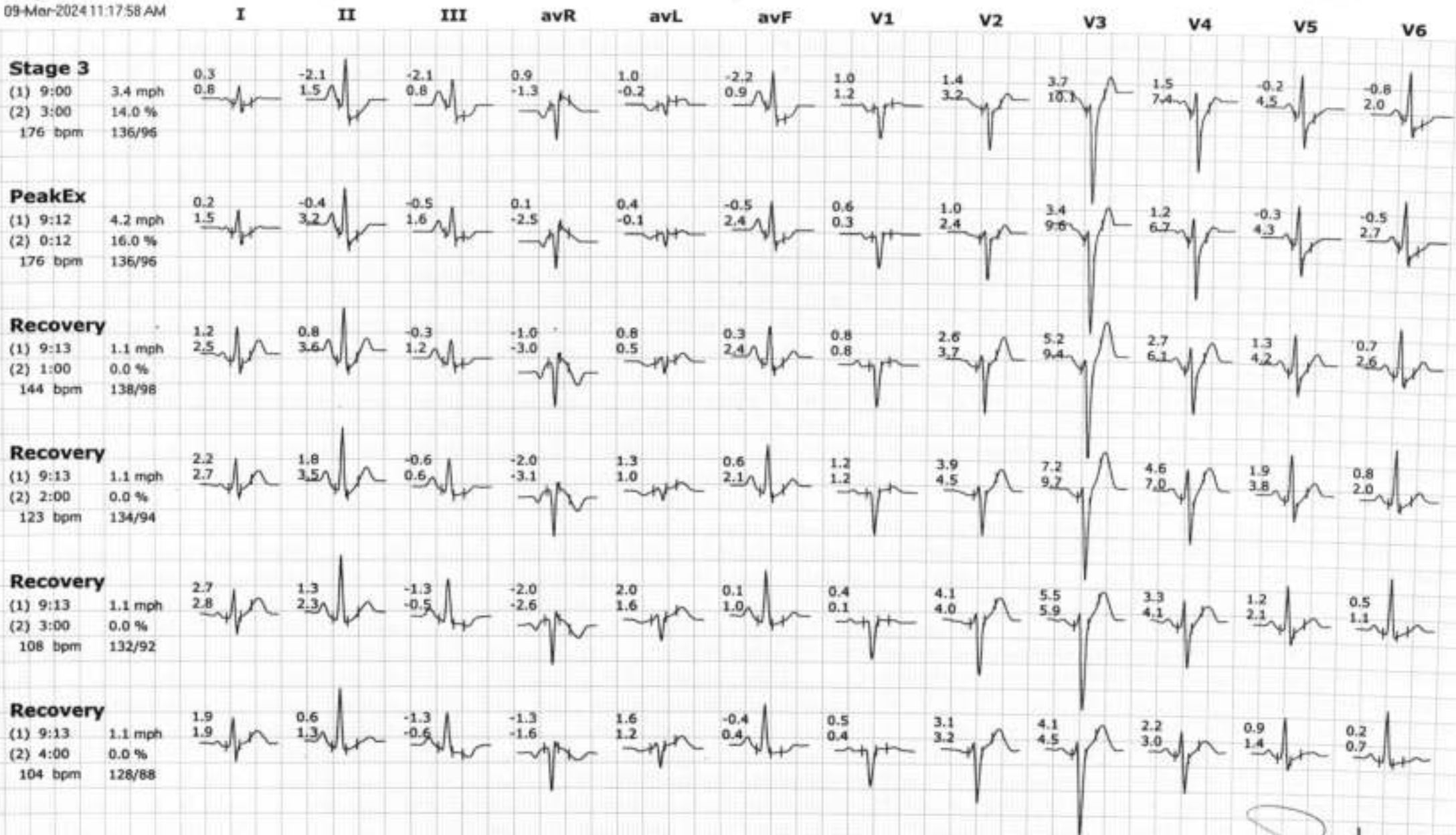
4X

80 mS Post J









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1236444 / RAJIV KHATRI

39 Yrs / Male

64 Kg / 171 Cms

09-Mar-2024 11:17:58 AM

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

Recovery

(1) 9:13    1.1 mph  
(2) 4:10    0.0 %  
101 bpm    122/82

