RhythmStar® End of Study MCT Report

SKY-CARE DIAGNOSTIC MONITORING CENTER

Patient Information

Name:
DOB:
ID: MRN: 000
Pacemaker: ☐   ICD: ☐

Study Information

Enrollment period:
Analysis duration: 4d 3h
Indications: Pre-excitation syndrome

Physician Information

Ordering:
Reading:
Location:

Patient Events

Symptomatic: **2**
Auto-Triggered:
Notified:

Heart Rate Summary

	Overall	Sinus
Fastest:	**159 bpm** 23:21:07 D2	**159 bpm** 23:21:07 D2
Slowest:	**53 bpm** 04:37:21 D6	**53 bpm** 04:37:21 D6
Average:	**78 bpm**	**78 bpm**
Brady burden:	**7h 21m 1s, (7.36%)**	
Tachy burden:	**6h 36m 5s, (6.61%)**	

Ectopics

	VE	SVE
Total beats:	**24** (<0.1%)	**3,433** (0.73%)
Isolated:	**15** (<0.1%)	**3,345** (0.71%)
Couplets:	**1** (<0.1%)	**44** (<0.1%)
Triplets:	**1** (<0.1%)	

AFIB/AFL

AF burden:
Longest episode:
Fastest rate: None Found
Slowest rate:
Average rate:

VT (4+ beats)

Number of runs: **1**
Longest run: **4 beats** 22:53:34 D4
Fastest run: **108 bpm** 22:53:34 D4
Slowest run: **108 bpm** 22:53:34 D4

D4 3/26/2024 10:53:34 PM PDT   VT Fastest Rate 108 bpm   8s, 30 mm/mV
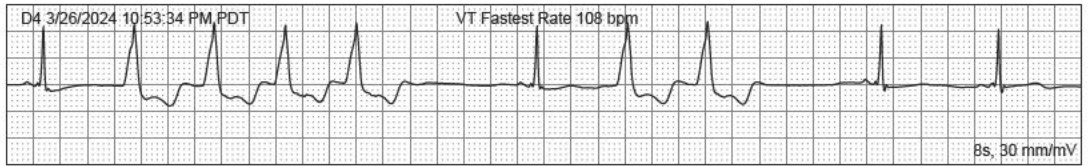
Pauses

Count:
Longest pause: None Found

SVT (4+ beats)

Number of runs:
Longest run: None Found
Fastest run:
Slowest run:

AV Block

Duration: None Found
Slowest rate:

Preliminary Findings

21 y/o female who was referred for a 7 day MCOT Study due to diagnosis of
Pre-Excitation Syndrome.
The patient presented in NSR & Sinus Bradycardia was documented on 4 days of the
study & tachycardia was documented on 6 days.
1 episode of Non-Sustained V-Tach was documented & included for your review &
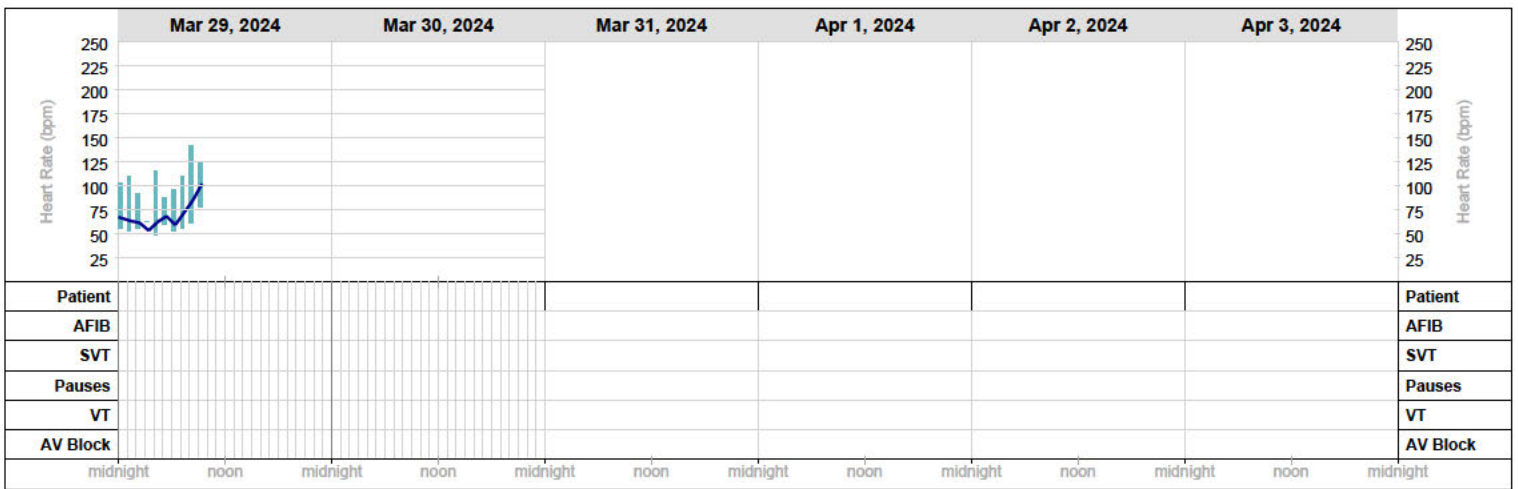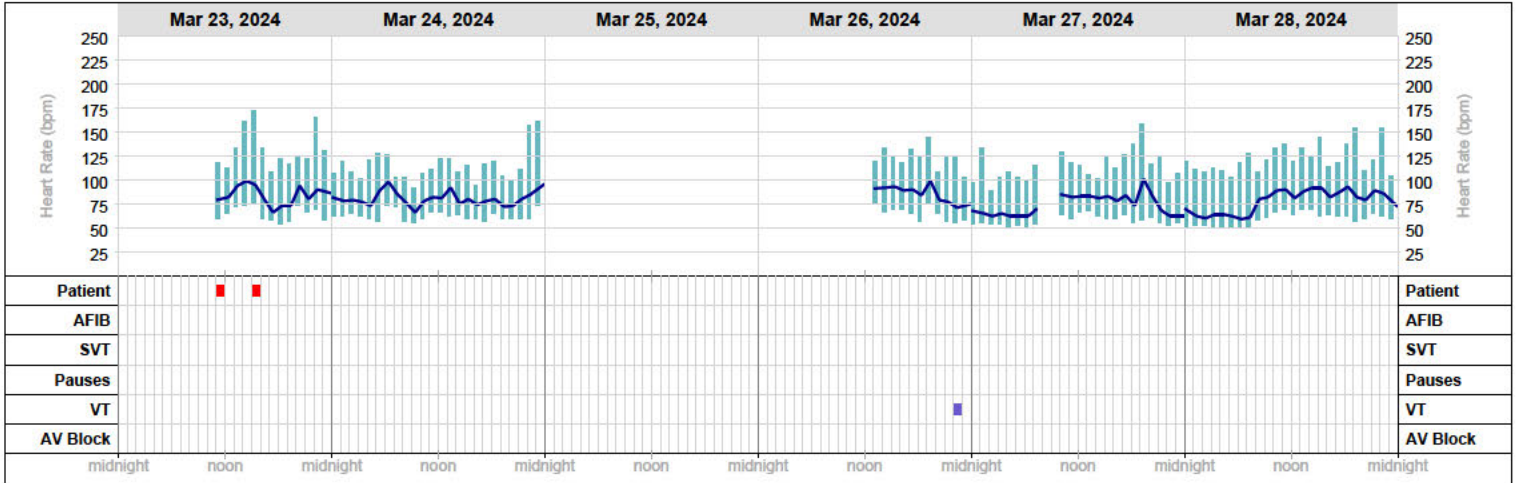Delta Waves were documented throughout the study.
Thank you for your review.
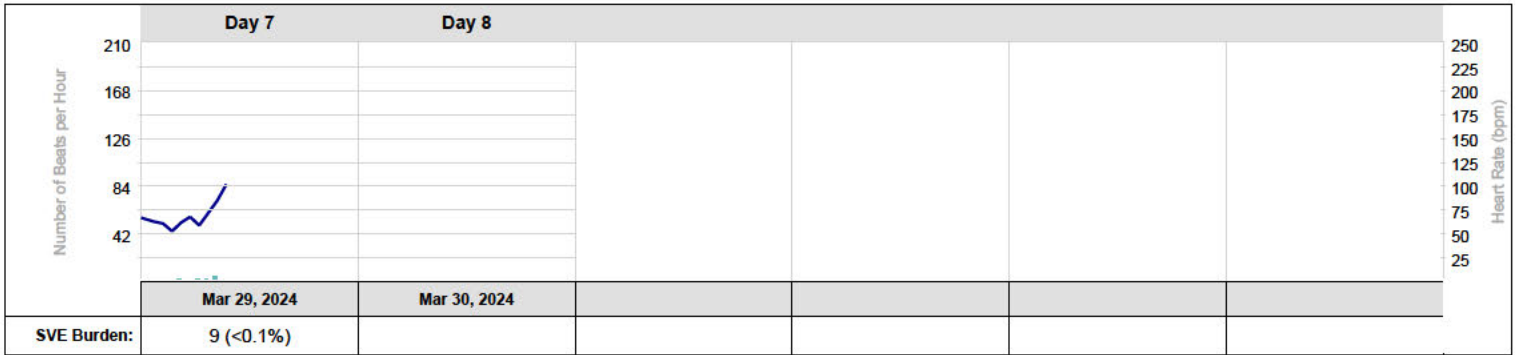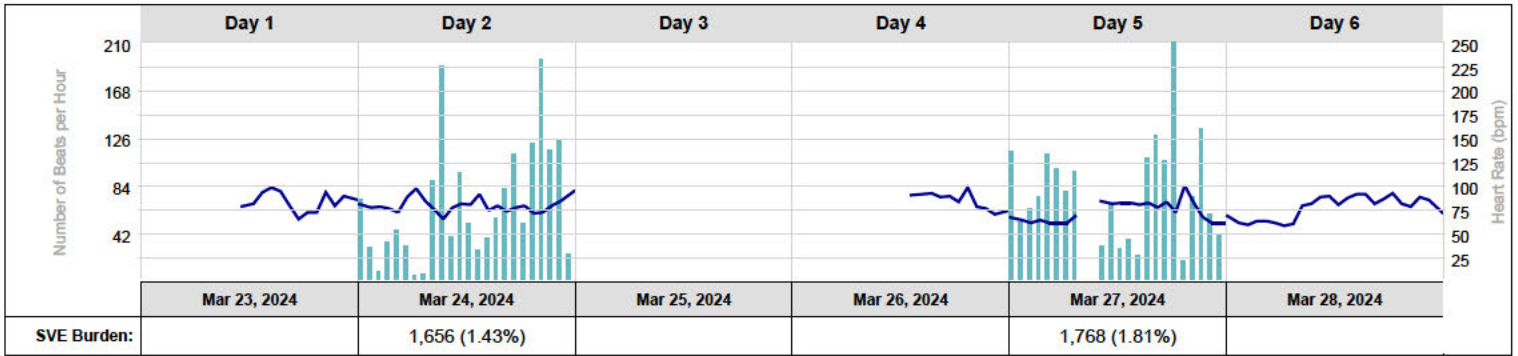
Date:

Physician Interpretation

Signature: Date:

Heart Rate Trending and Event Summary

SVE Analysis

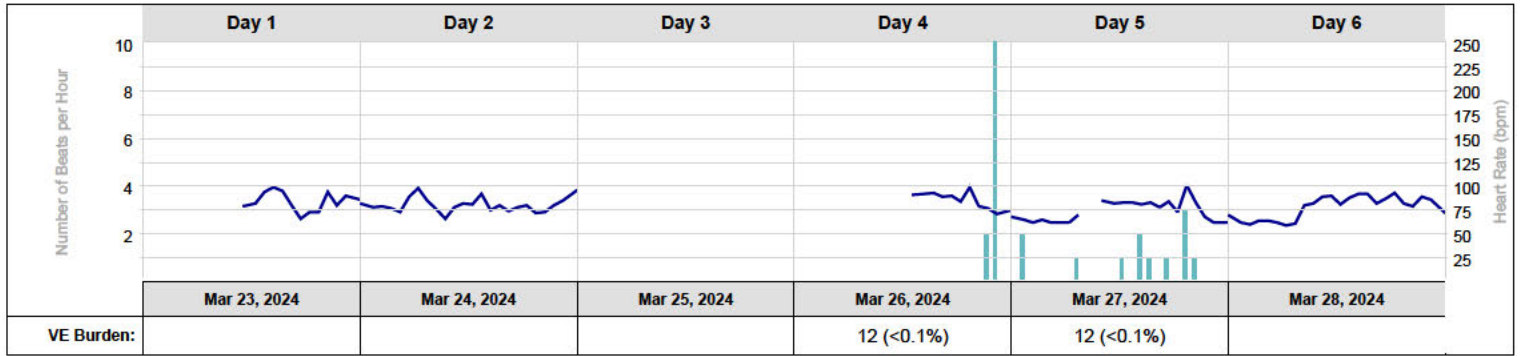|	
Total SVE Count:	3,433 beats (0.73%)
Isolated:	3,345 beats (0.71%)
Couplets:	44 (<0.1%)
Triplets:	

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
	Mar 23, 2024	Mar 24, 2024	Mar 25, 2024	Mar 26, 2024	Mar 27, 2024	Mar 28, 2024
SVE Burden:		1,656 (1.43%)			1,768 (1.81%)	

	Day 7	Day 8				
	Mar 29, 2024	Mar 30, 2024				
SVE Burden:	9 (<0.1%)					

VE Analysis

Total VE Beat Count:	24 beats (<0.1%)
Isolated:	19 beats (<0.1%)
Couplets:	1 (<0.1%)
Triplets:	1 (<0.1%)
Longest Bigeminy Episode:	
Longest Trigeminy Episode:	

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
	Mar 23, 2024	Mar 24, 2024	Mar 25, 2024	Mar 26, 2024	Mar 27, 2024	Mar 28, 2024
VE Burden:				12 (<0.1%)	12 (<0.1%)	

	Day 7	Day 8				
	Mar 29, 2024	Mar 30, 2024				
VE Burden:						
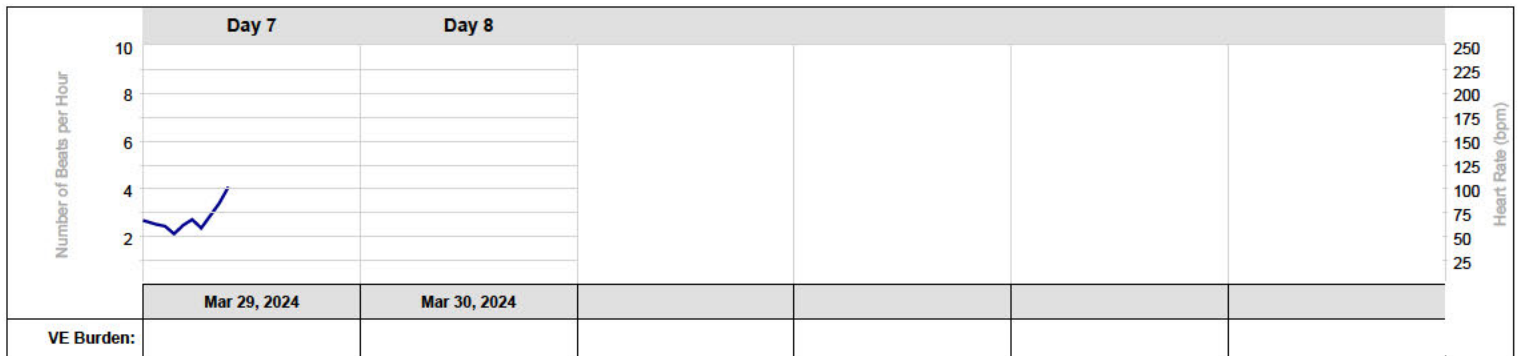
Daily Summary

Day #	Date	Analyzed Time	Heart Rate (bpm)			Arrhythmia Burden					Pauses, > 2.5s		Events		
			Min	Avg	Max	Brady	Tachy	AF	SVE	VE	Count	Longest	Patient	Auto	Notified
1	3/23/2024	12h 32m	62 @ 17:13:02	84	151 @ 14:38:38		12%						2		
2	3/24/2024	23h 18m	62 @ 09:11:00	79	159 @ 23:21:07		4%		1656 1.43%						
3	3/25/2024	0h													
4	3/26/2024	10h 30m	56 @ 22:50:00	86	143 @ 19:03:52	<1%	14%			12 <0.1%					
5	3/27/2024	21h 48m	56 @ 07:29:55	73	105 @ 19:39:26	10%	3%		1768 1.81%	12 <0.1%					
6	3/28/2024	23h 28m	53 @ 04:37:21	78	156 @ 22:22:21	16%	9%								
7	3/29/2024	8h 15m	54 @ 04:08:28	67	142 @ 08:53:51	21%	3%		9 <0.1%						
8	3/30/2024	0h													

Event Log Index

Day #	Activation	Record Date	Symptoms	Activity	Observations	Heart Rate	Page
1	Patient	3/23/2024 11:28 AM PDT	Baseline, Chest Pain	Resting	Suggestive WPW	69 - 69 bpm	7
1	Patient	3/23/2024 3:45 PM PDT	Chest Pain	Other	Sinus Rhythm	90 - 90 bpm	7
2	MCT	3/24/2024 4:12 AM PDT			Suggestive pre-excitation syndrome	72 bpm	8
4	MCT	3/26/2024 10:53 PM PDT			Sinus Rhythm w/ 4 Beats of Monomorphic VT and Unifocal Couplet PVCs	76 bpm	8
4	MCT	3/26/2024 11:54 PM PDT			Suggestive Intermittent pre-excitation	70 - 70 bpm	9
5	MCT	3/27/2024 12:00 AM PDT			Suggestive pre-excitation syndrome	66 bpm	9
6	MCT	3/28/2024 12:00 AM PDT			Suggestive Pre-Excitation Syndrome	59 bpm	10
7	MCT	3/29/2024 4:25 AM PDT			Suggestive Pre-excitation	58 bpm	10

Patient Initiated Event Strips

Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	Patient	3/23/2024 11:28:20 AM PDT	Baseline, Chest Pain	Resting	69-69 bpm

Suggestive WPW

25 mm/s   8s, 10 mm/mV   90s
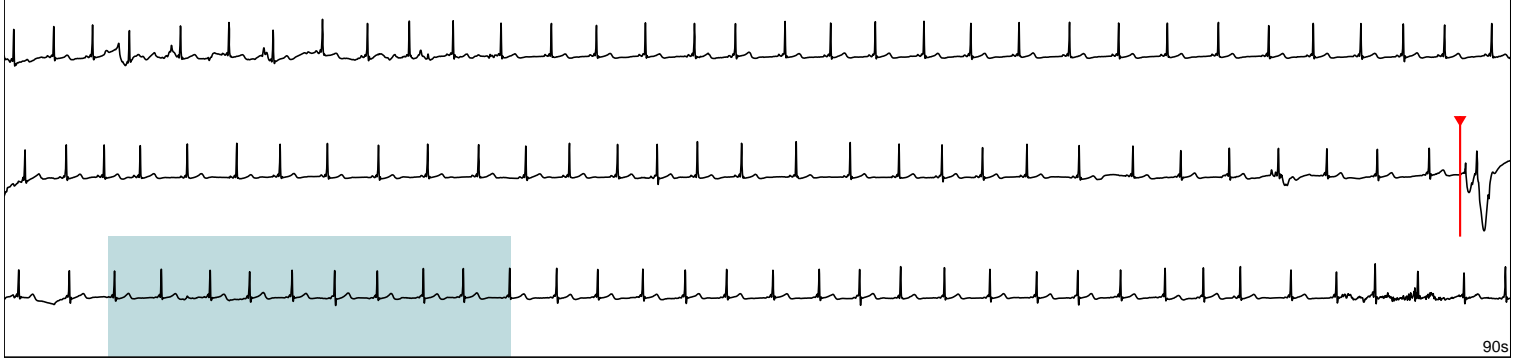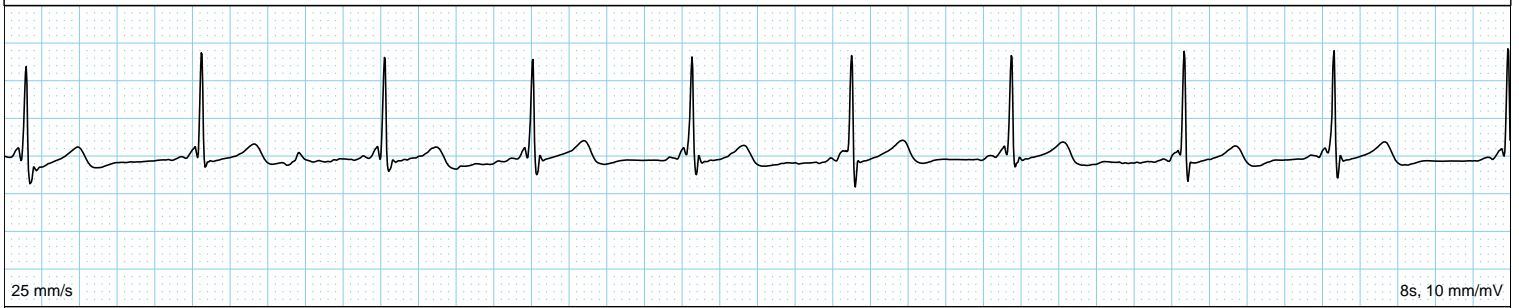
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	Patient	3/23/2024 3:45:52 PM PDT	Chest Pain	Other	90.1-90 bpm

Sinus Rhythm

25 mm/s   8s, 10 mm/mV   90s
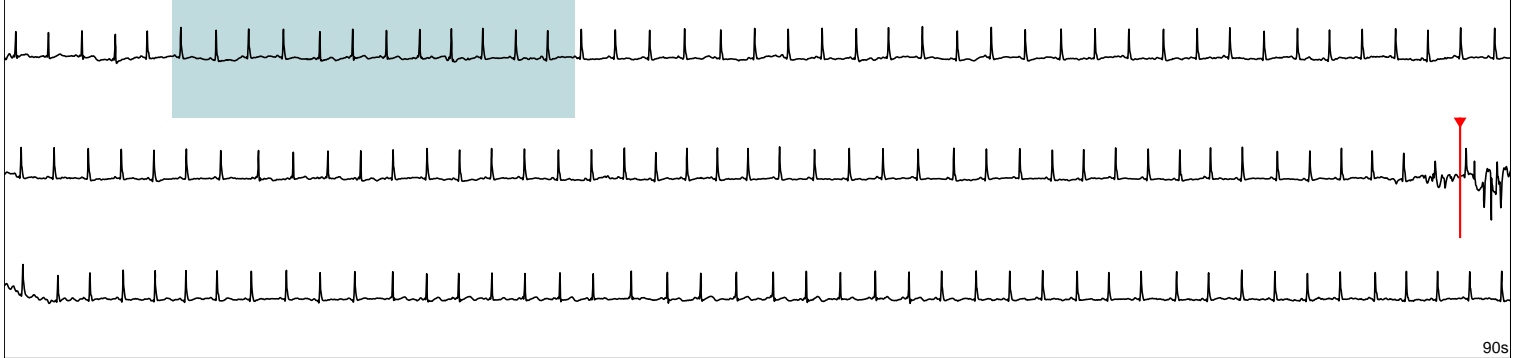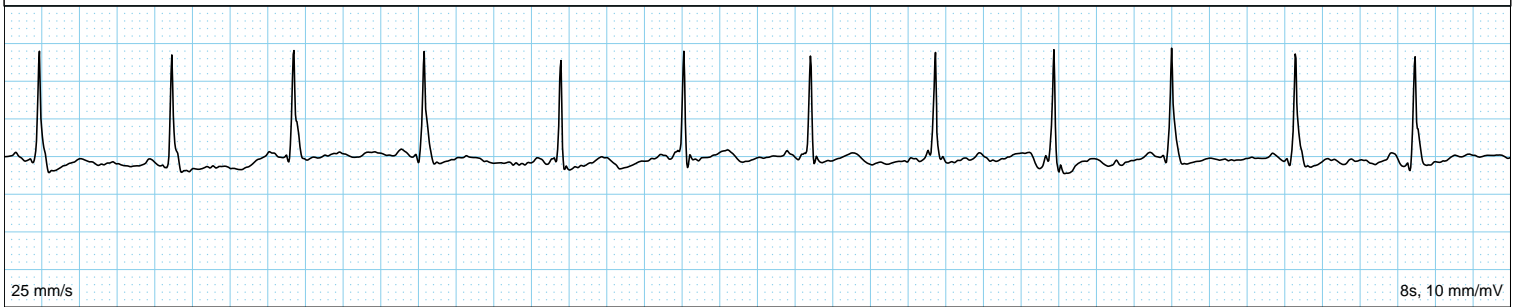
Event Strips (not Patient Initiated)

Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	MCT	3/24/2024 4:12:36 AM PDT			72 bpm

Suggestive pre-excitation syndrome

25 mm/s   8s, 10 mm/mV

90s
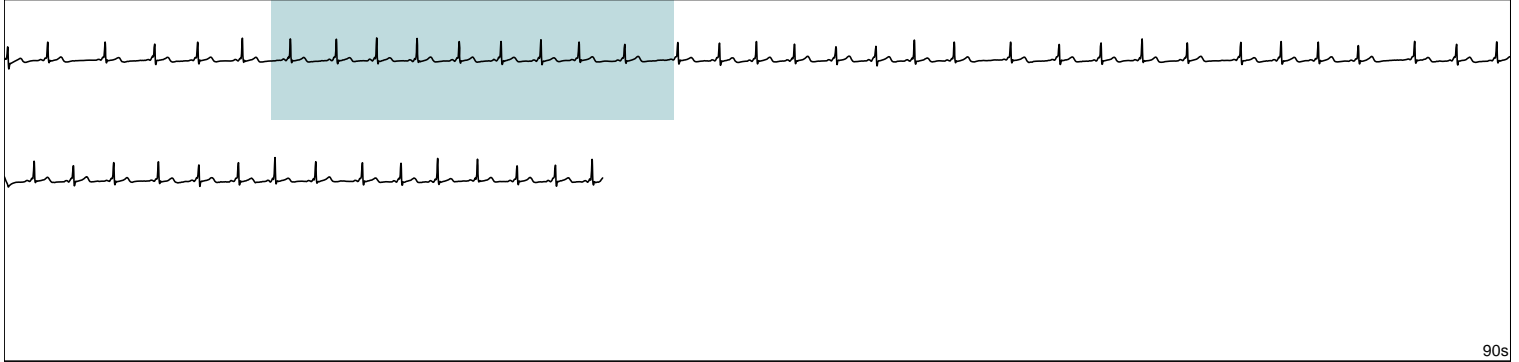
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
4	MCT	3/26/2024 10:53:25 PM PDT			76 bpm

Sinus Rhythm w/ 4 Beats of Monomorphic VT and Unifocal Couplet PVCs

25 mm/s   8s, 10 mm/mV

90s
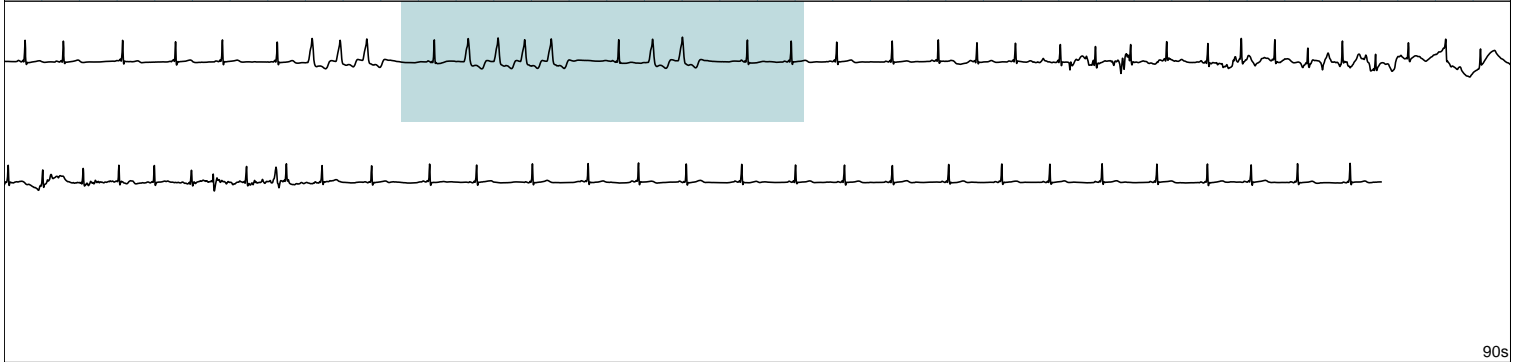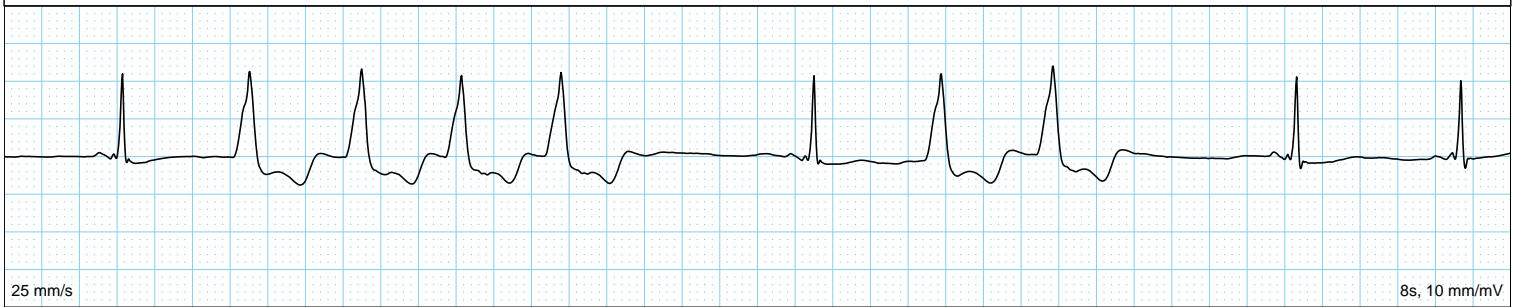
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
4	MCT	3/26/2024 11:54:50 PM PDT			70-70 bpm

Suggestive Intermittent pre-excitation

25 mm/s

8s, 10 mm/mV

90s
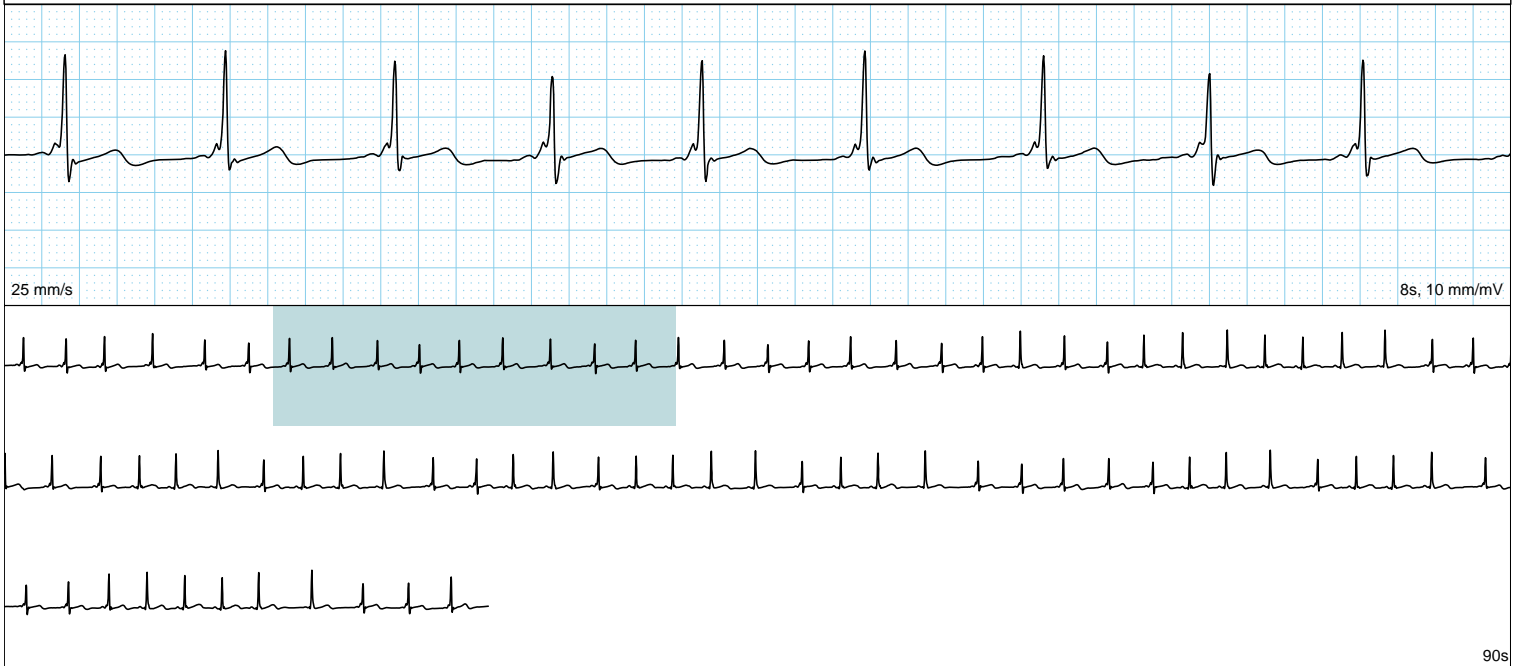
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
5	MCT	3/27/2024 12:00:01 AM PDT			66 bpm

Suggestive pre-excitation syndrome

25 mm/s

8s, 10 mm/mV

90s
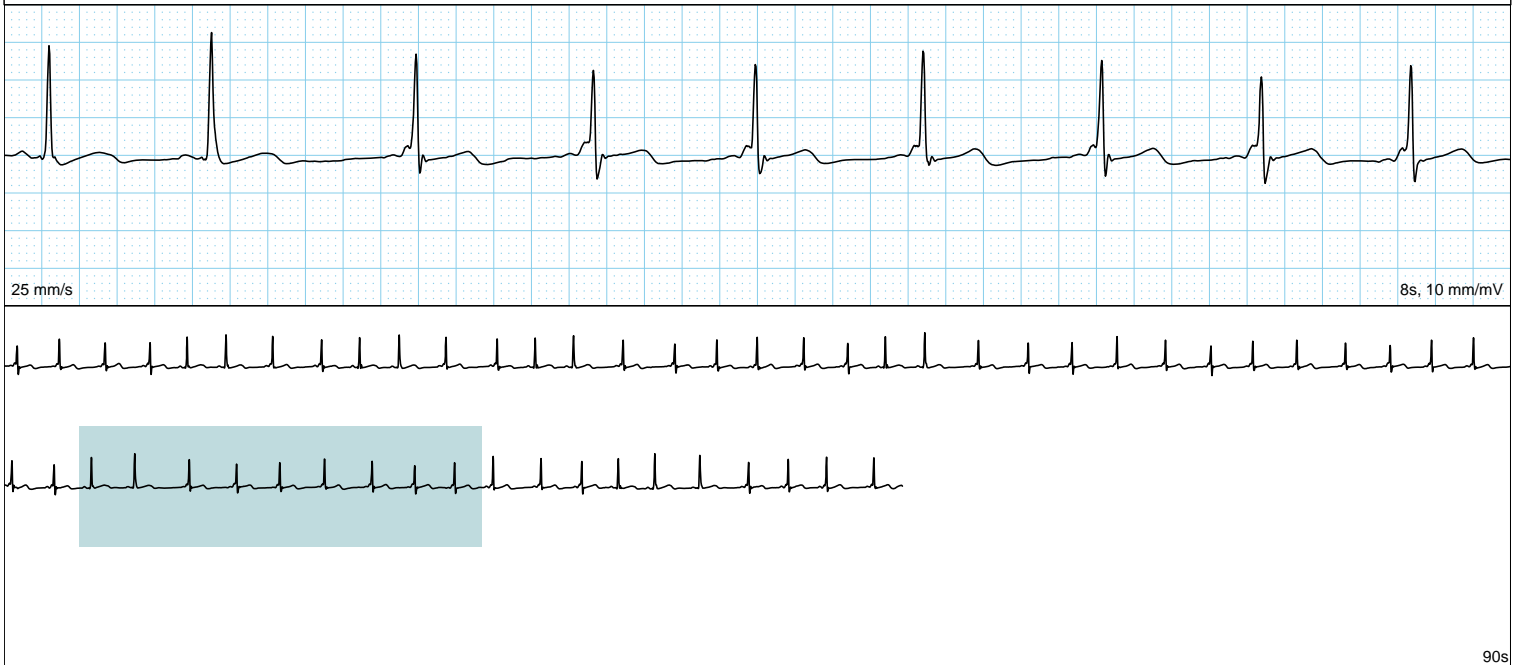
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
6	MCT	3/28/2024 12:00:00 AM PDT			59 bpm

Suggestive Pre-Excitation Syndrome

25 mm/s

8s, 10 mm/mV

90s
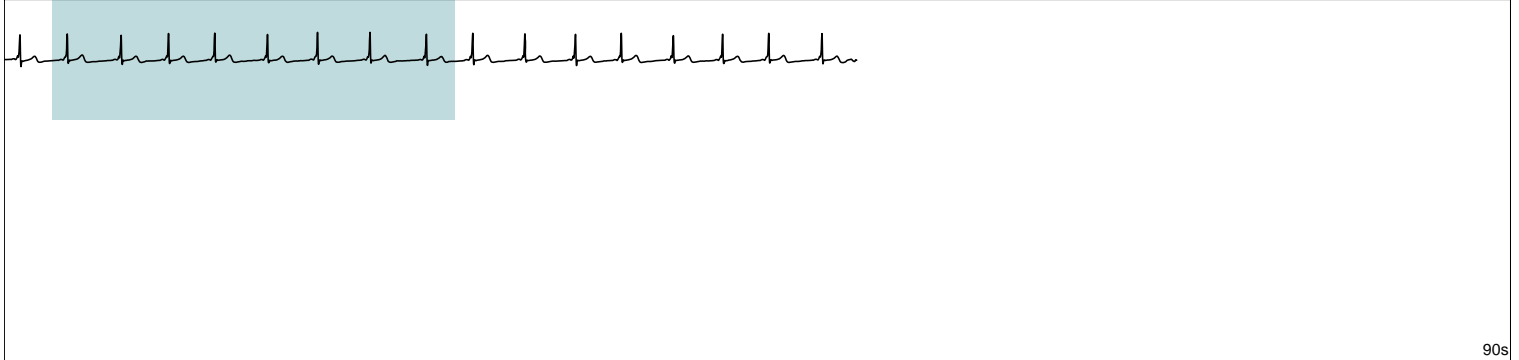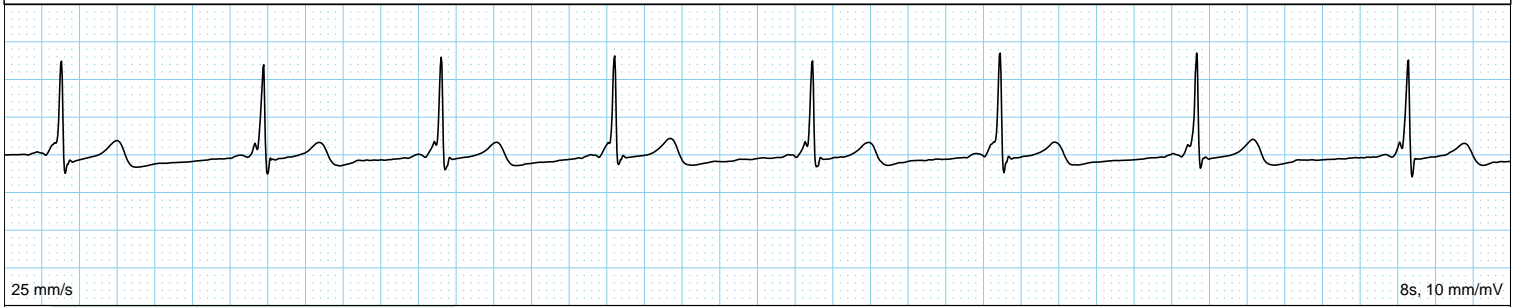
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
7	MCT	3/29/2024 4:25:29 AM PDT			58 bpm

Suggestive Pre-excitation

25 mm/s

8s, 10 mm/mV

90s

Sample Strips

3/24/2024 11 21 07 PM PDT   Fastest Sinus Rhythm : 159 bpm

25 mm/s   8s, 10 mm/mV

3/28/2024 4:37:21 AM PDT   Slowest Sinus Rhythm: 53 bpm

25 mm/s   8s, 10 mm/mV

Report ID: