

# End of Study MCT Report

Patient Information	Study Information	Physician Information
Name:	Enrollment period:	Ordering:
DOB:	Analysis duration: 1d 14h	Reading:
ID: MRN:	Indications: Essential (primary) hypertension	Location:
Pacemaker: <input type="checkbox"/> ICD: <input type="checkbox"/>		

Patient Events	Heart Rate Summary	Ectopics
Symptomatic: <b>12</b>	<u>Overall</u>	<u>VE</u>
Auto-Triggered: <b>13</b>	Fastest: <b>108 bpm</b> 15:42:31 D2	<u>SVE</u>
Notified:	Slowest: <b>66 bpm</b> 05:38:22 D2	Total beats: <b>25,987</b> (12.32%)
	Average: <b>82 bpm</b>	Isolated: <b>4,721</b> (2.24%)
	Brady burden:	Couplets: <b>1,893</b> (0.9%)
	Tachy burden: <b>2h 28m 55s, (6.37%)</b>	Triplets: <b>124</b> (<0.1%)

### AFIB/AFL

AF burden: **None Found**

Longest episode:

Fastest rate:

Slowest rate:

Average rate:

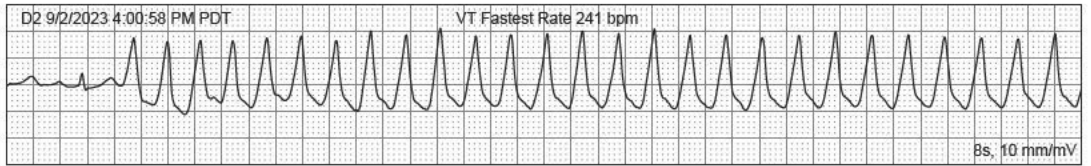
### VT (4+ beats)

Number of runs: **2073**

Longest run: **16 beats** 17:51:50 D2

Fastest run: **241 bpm** 16:00:58 D2

Slowest run: **124 bpm** 20:47:42 D2



### Pauses

Count: **None Found**

Longest pause:

### SVT (4+ beats)

Number of runs: **None Found**

Longest run:

Fastest run:

Slowest run:

### AV Block

Duration: **None Found**

Slowest rate:

### Preliminary Findings

45 y/o female who was referred for a 7 day MCOT Study due to diagnosis of hypertension.

The patient presented in NSR & no episodes of bradycardia were documented.

Tachycardia was documented on 2 days of the study.

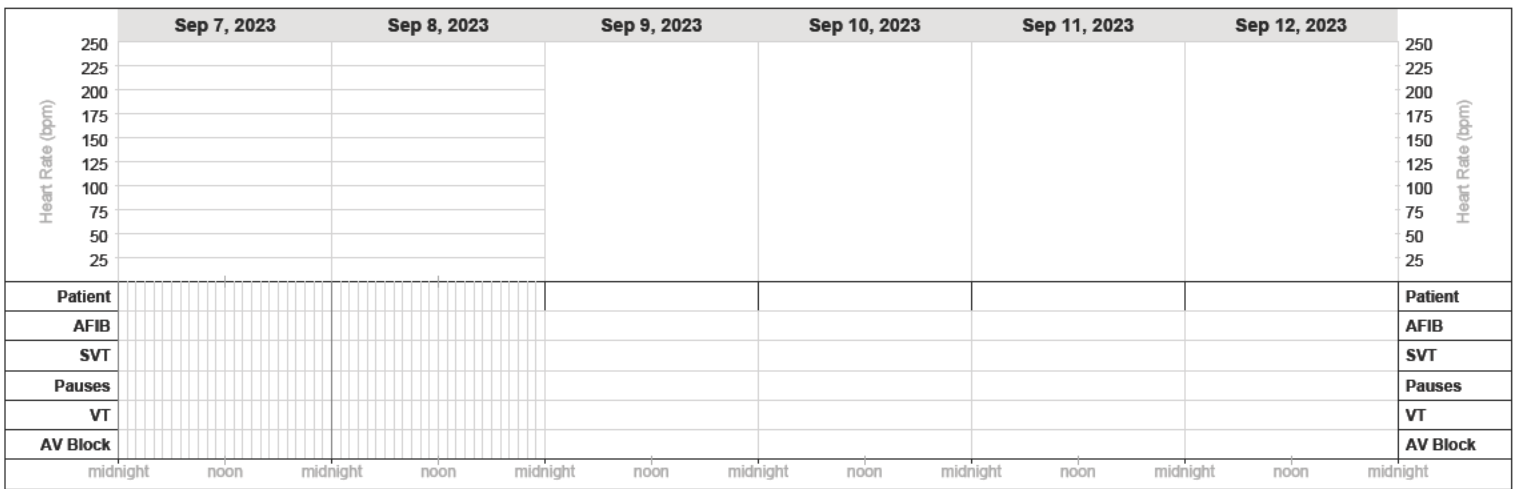
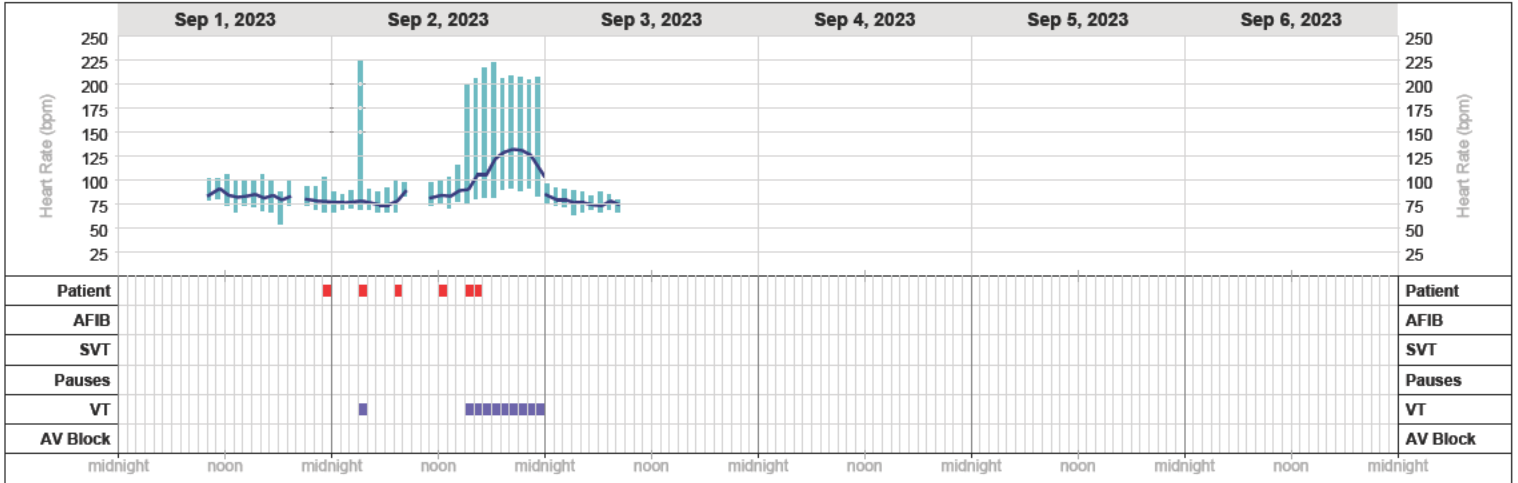
Multiple episodes of Ventricular Tachycardia were documented & the patient was sent to the hospital while consulting with the Cardiologist on call for the practice.

Thank you for your referral.

### Physician Interpretation

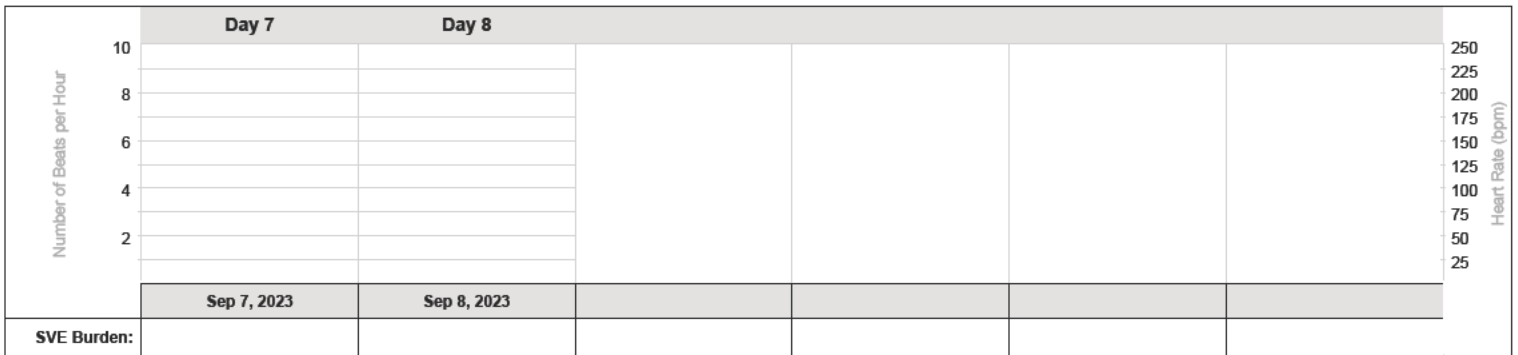
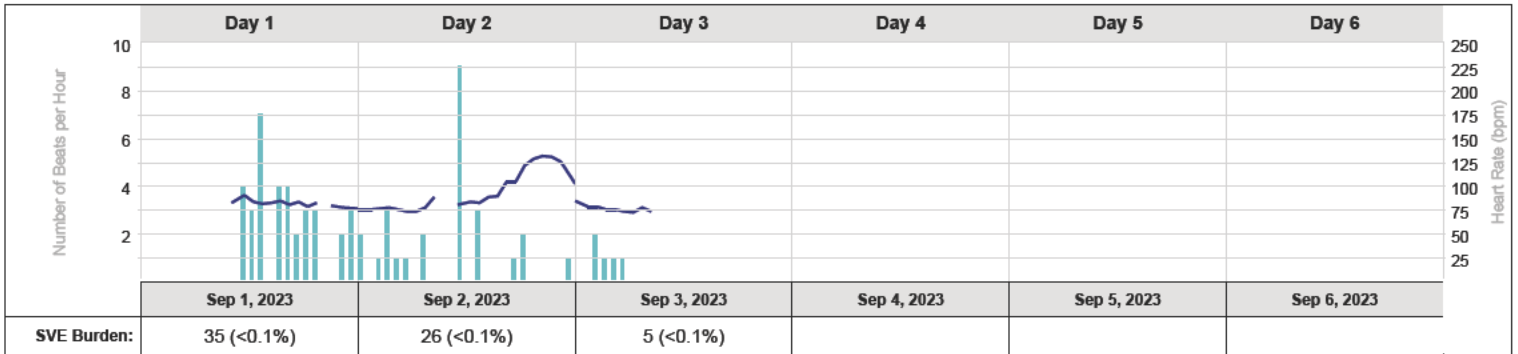
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Heart Rate Trending and Event Summary



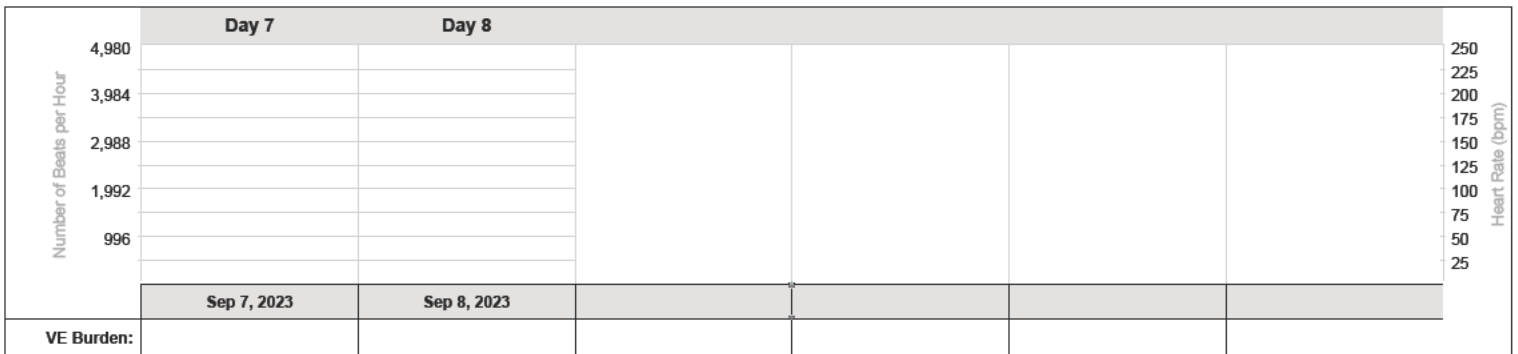
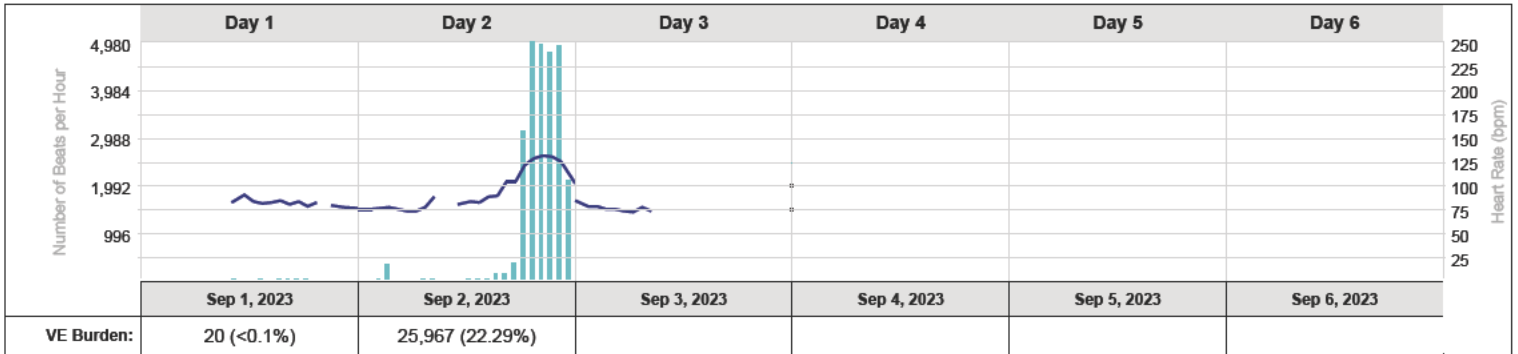
## SVE Analysis

<b>Total SVE Count:</b> 66 beats (<0.1%)
<b>Isolated:</b> 64 beats (<0.1%)
<b>Couplets:</b> 1 (<0.1%)
<b>Triplets:</b>



## VE Analysis

<b>Total VE Beat Count:</b>	25,987 beats (12.32%)
<b>Isolated:</b>	6,986 beats (3.31%)
<b>Couplets:</b>	1,893 (1.79%)
<b>Triplets:</b>	124 (0.18%)
<b>Longest Bigeminy Episode:</b>	00h 00m 12s, 9/2/2023 23:33:53
<b>Longest Trigeminy Episode:</b>	



## 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	9/1/2023	10h 32m	72 @ 22:58:39	82	104 @ 23:58:28		<1%		35 <0.1%	20 <0.1%			1		
2	9/2/2023	19h 38m	66 @ 05:38:22	85	108 @ 15:42:31		13%		26 <0.1%	25967 22.29%			11	13	
3	9/3/2023	8h 48m	68 @ 06:36:16	77	93 @ 00:32:30				5 <0.1%						
4	9/4/2023	0h													
5	9/5/2023	0h													
6	9/6/2023	0h													
7	9/7/2023	0h													
8	9/8/2023	0h													

## Event Log Index

Day #	Activation	Record Date	Symptoms	Activity	Observations	Heart Rate	Page
1	MCT	9/1/2023 10:57 AM PDT			Sinus Rhythm w/ PVCs	84 bpm	14
1	Patient	9/1/2023 11:30 PM PDT	Patient Activated Event	No Activity Indicated	NSR with PVC	82 - 95 bpm	8
2	Patient	9/2/2023 3:46 AM PDT	Patient Activated Event	No Activity Indicated	V-Tach surrounded by Sinus Tachycardia with Unifocal PVC'S	102 - 201 bpm	8
2	Patient	9/2/2023 7:15 AM PDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm w/ PVC	92 bpm	9
2	Patient	9/2/2023 12:30 PM PDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm	86 bpm	9
2	Patient	9/2/2023 3:38 PM PDT	Patient Activated Event	No Activity Indicated	NSR to Onset of v-tach 35 sec	105 bpm	10
2	Patient	9/2/2023 3:39 PM PDT	Patient Activated Event	No Activity Indicated	V-Tach to intermittent NSR to V-Tach 1 min Strip	180 bpm	10
2	Auto	9/2/2023 3:40 PM PDT	Auto Triggered Event		NSR to V-Tach Some Sustained V-Tach Areas	217 bpm	14
2	Patient	9/2/2023 3:57 PM PDT	Patient Activated Event	No Activity Indicated	NSR with Unifocal PVC's Couplet's & Triplet into v-tach greater than 30 sec	110 bpm	11
2	Patient	9/2/2023 3:59 PM PDT	Patient Activated Event	No Activity Indicated	Onset 42.76 seconds Run of V-Tach Offset 42.76 seconds Run of V-Tach	212 - 212 bpm	11
2	Patient	9/2/2023 4:25 PM PDT	Patient Activated Event	No Activity Indicated	Sinus Tach	107 bpm	12
2	Patient	9/2/2023 4:37 PM PDT	Patient Activated Event	No Activity Indicated	Sinus Tachycardia	104 bpm	12
2	Patient	9/2/2023 4:43 PM PDT	Patient Activated Event	No Activity Indicated	Onset of 30 second run of VT Offset of 30 second run of VT	205 bpm	13
2	Auto	9/2/2023 4:44 PM PDT	Auto Triggered Event		29 seconds of VT	196 - 207 bpm	15
2	Patient	9/2/2023 4:57 PM PDT	Patient Activated Event	No Activity Indicated	30 seconds run of VT	213 bpm	13
2	Auto	9/2/2023 5:21 PM PDT	Auto Triggered Event		30 second run of VT	204 - 216 bpm	15
2	Auto	9/2/2023 6:09 PM PDT	Auto Triggered Event		6.85 seconds of V-Tach	212 - 219 bpm	16
2	Auto	9/2/2023 6:25 PM PDT	Auto Triggered Event		Sinus Rhythm w/ Onset 16.14 seconds Run of V-Tach Sinus Rhythm w/ Offset 16.14 seconds Run of V-Tach	208 - 220 bpm	16
2	Auto	9/2/2023 6:40 PM PDT	Auto Triggered Event		Sinus Rhythm w/ PVCs	89 - 210 bpm	17
2	Auto	9/2/2023 8:11 PM PDT	Auto Triggered Event		NSR with Unifocal PVC's in a bigeminal pattern & couplet unifocal pvc's into V-Tach with intermittent sinus rhythm	208 bpm	17
2	Auto	9/2/2023 8:44 PM PDT	Auto Triggered Event		Sinus Tachycardia with Bigeminal Couplet PVC's & V-Tach	210 bpm	18
2	Auto	9/2/2023 8:53 PM PDT	Auto Triggered Event		5.1 seconds of PVT	203 - 207 bpm	18
2	Auto	9/2/2023 9:53 PM PDT	Auto Triggered Event		14 Beats of V-Tach	199 - 201 bpm	19
2	Auto	9/2/2023 10:07 PM PDT	Auto Triggered Event		Sinus Rhythm w/ Bigeminy PVCs and Couplet PVCs	99 - 203 bpm	19
2	Auto	9/2/2023 10:58 PM PDT	Auto Triggered Event		Sinus Tachycardia with bigeminal couplet pvc's alternating pattern Sinus Tachycardia with v-tach	205 bpm	20
2	Auto	9/2/2023 11:44 PM PDT	Auto Triggered Event		Sinus Tachycardia with Multifocal PVC's Sinus Tachycardia with intermittent runs of v-tach	203 bpm	20
3	MCT	9/3/2023 4:24 AM PDT			Sinus Rhythm w/ PAC	72 bpm	21

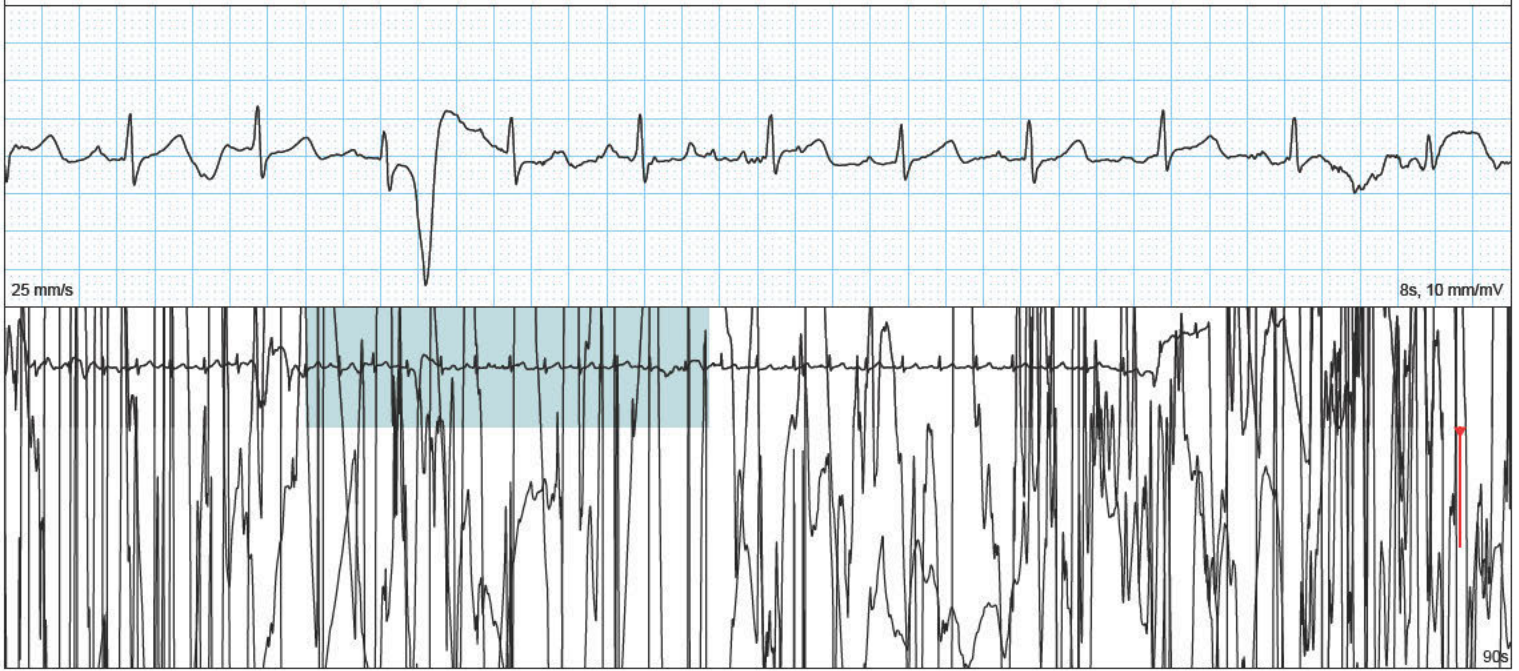
### Event Log Index - cont'd.

Day #	Activation	Record Date	Symptoms	Activity	Observations	Heart Rate	Page
3	MCT	9/3/2023 4:33 AM PDT			Sinus Rhythm	76 bpm	21

### Patient Initiated Event Strips

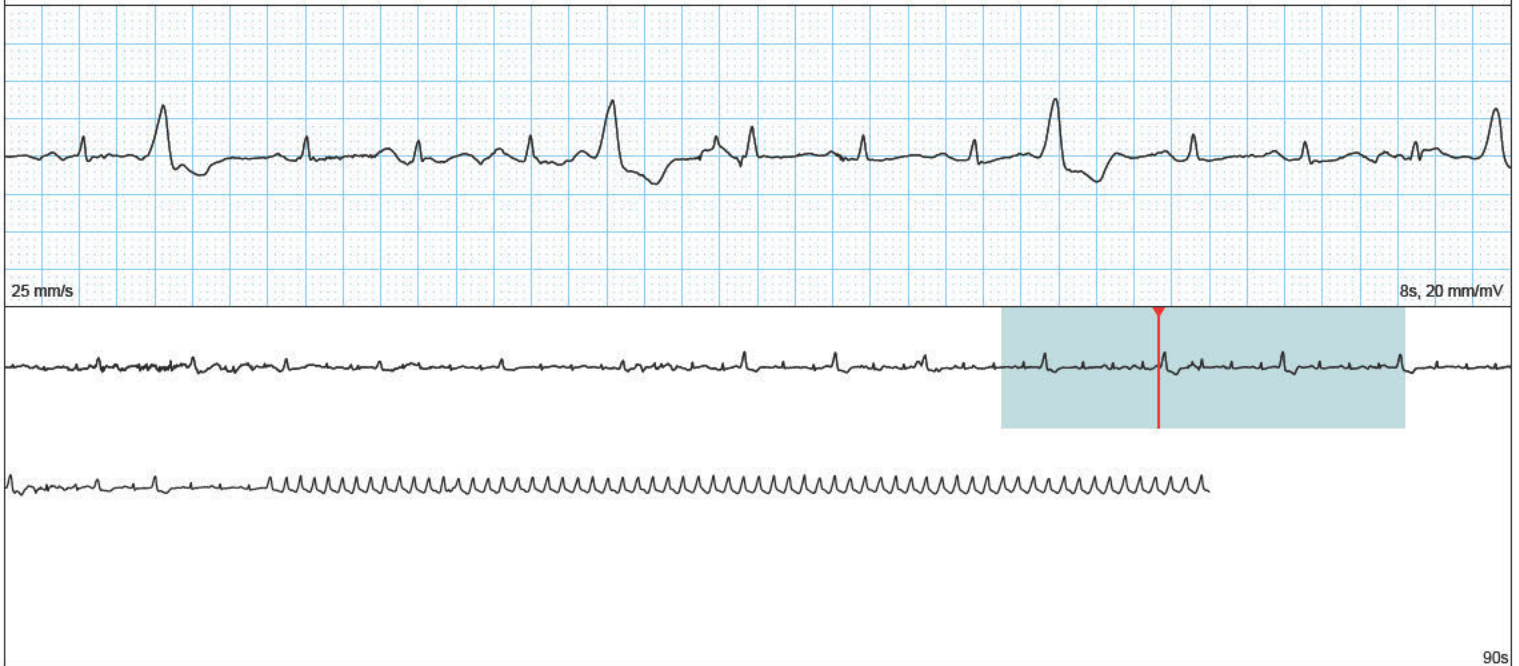
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	Patient	9/1/2023 11:30:32 PM PDT	Patient Activated Event	No Activity Indicated	82-95 bpm

NSR with PVC



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 3:46:18 AM PDT	Patient Activated Event	No Activity Indicated	102-201 bpm

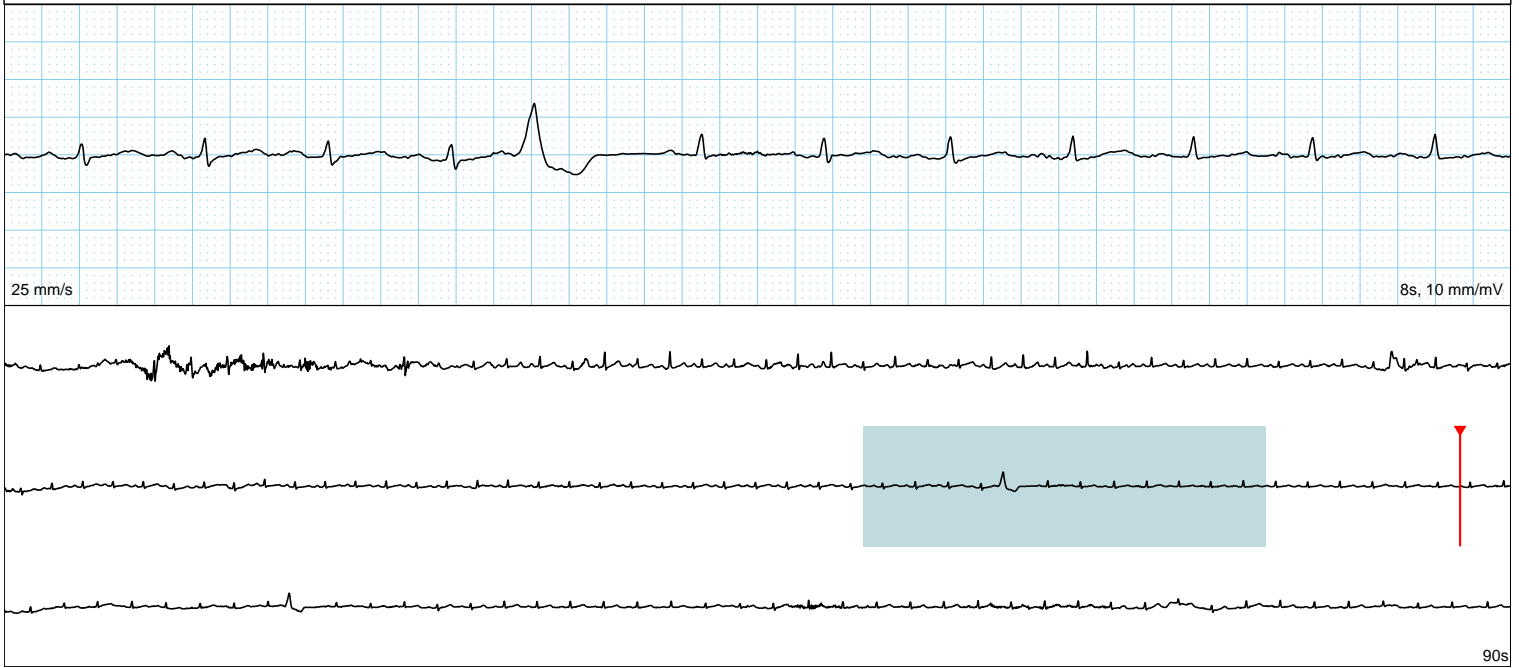
V-Tach surrounded by Sinus Tachycardia with Unifocal PVC'S





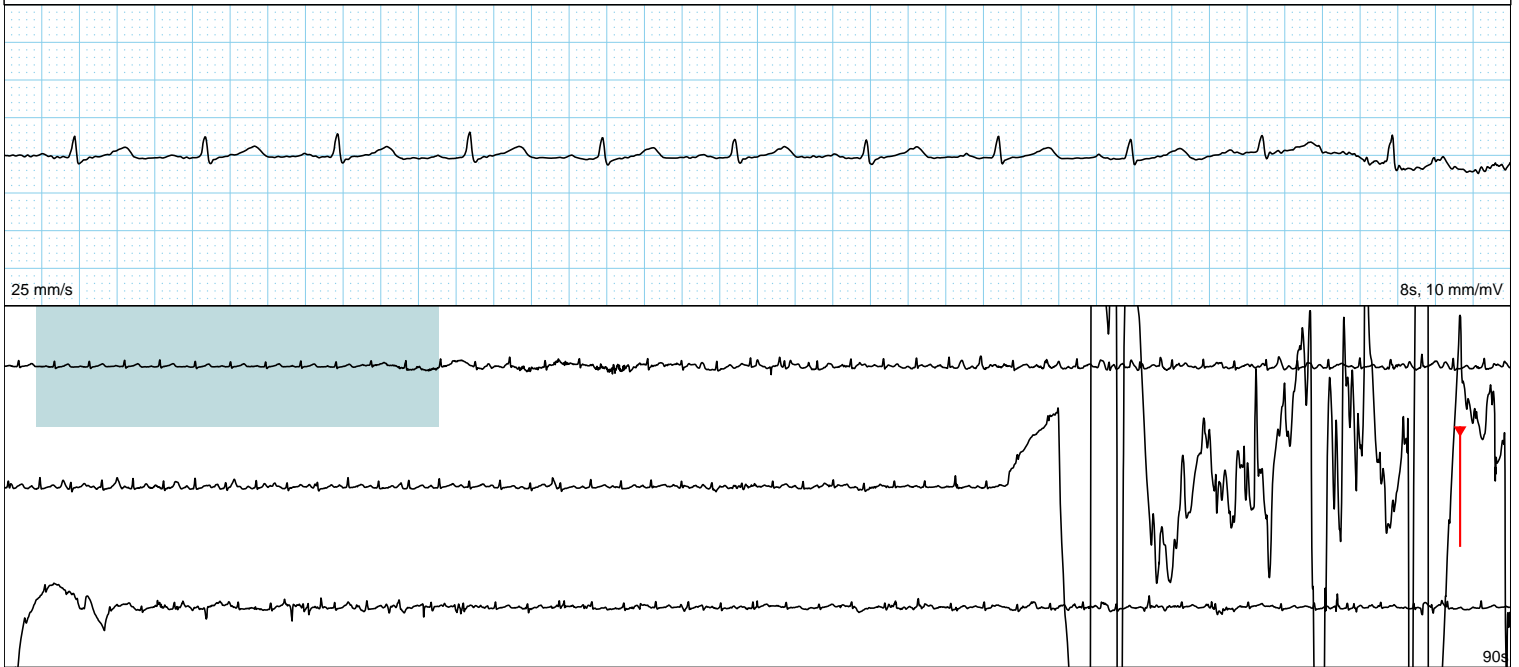
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 7:15:34 AM PDT	Patient Activated Event	No Activity Indicated	92 bpm

Sinus Rhythm w/ PVC



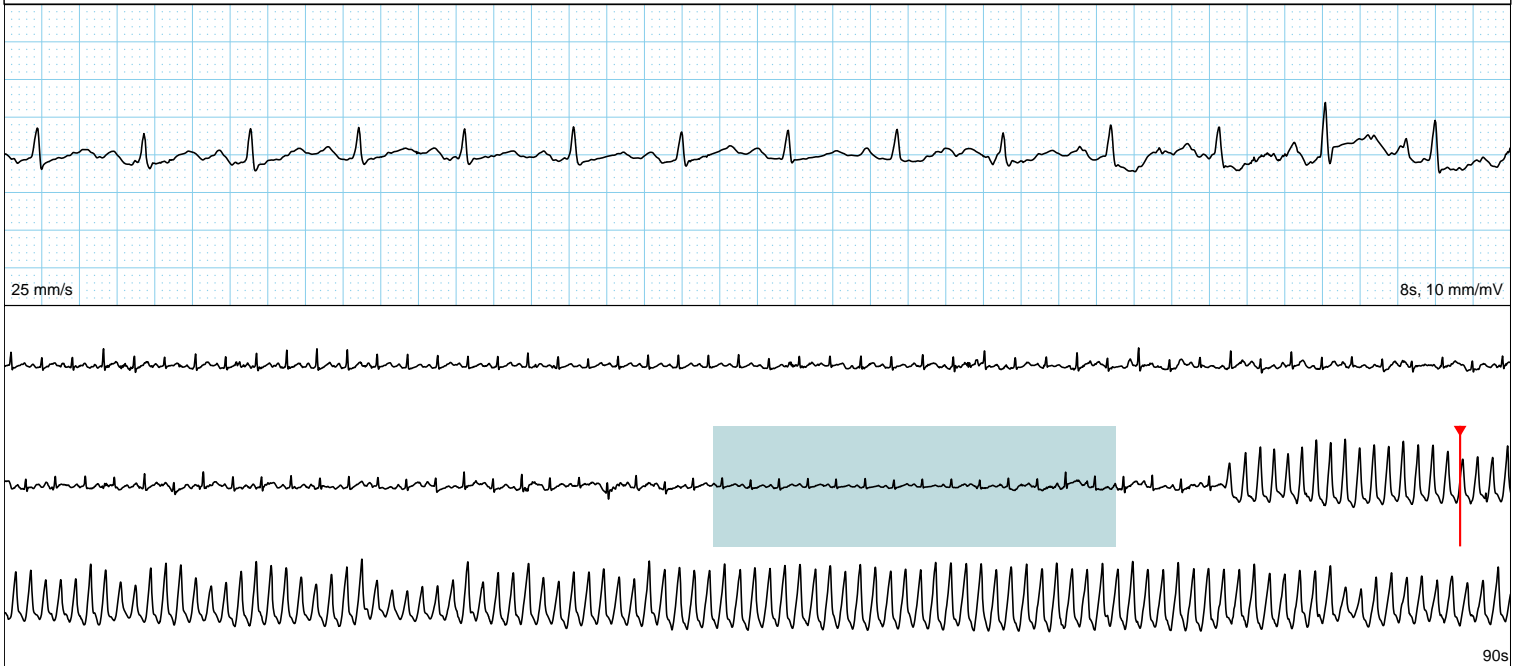
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 12:30:06 PM PDT	Patient Activated Event	No Activity Indicated	86 bpm

Sinus Rhythm



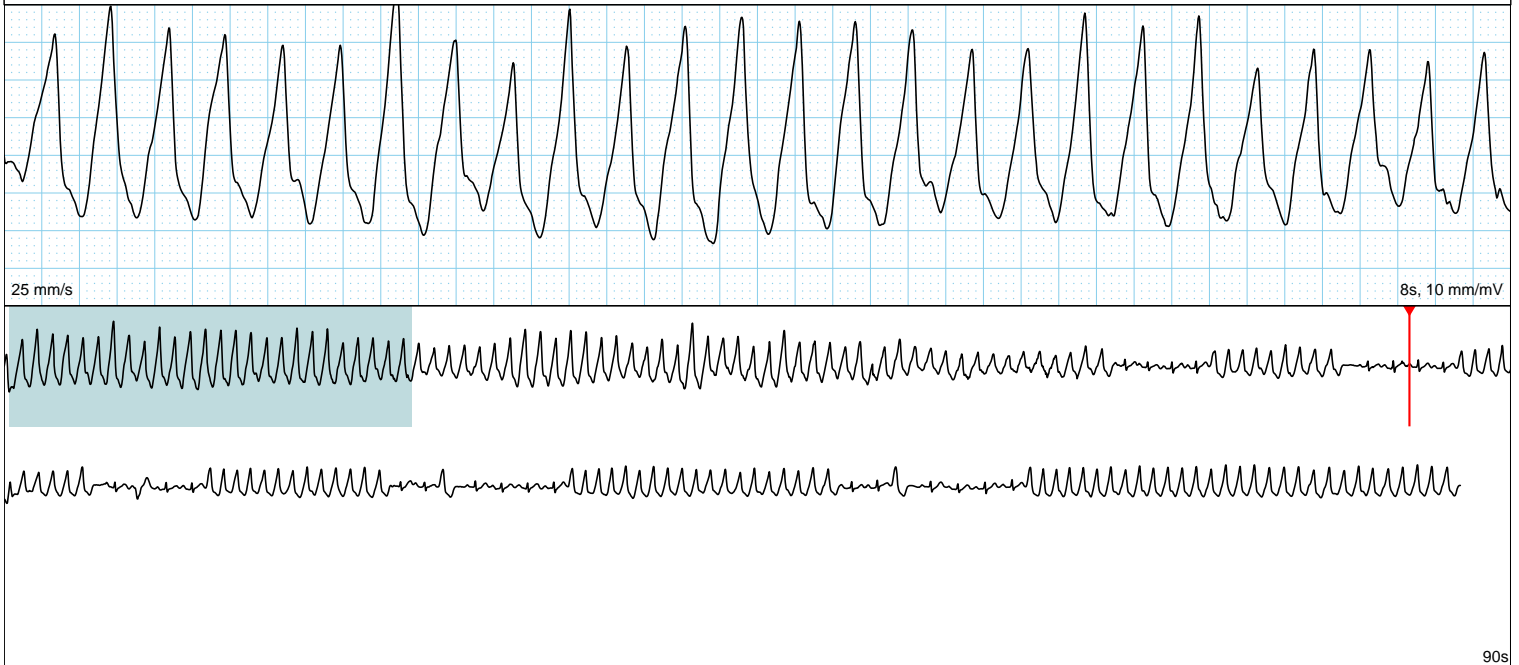
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 3:38:31 PM PDT	Patient Activated Event	No Activity Indicated	105 bpm

NSR to Onset of v-tach 35 sec

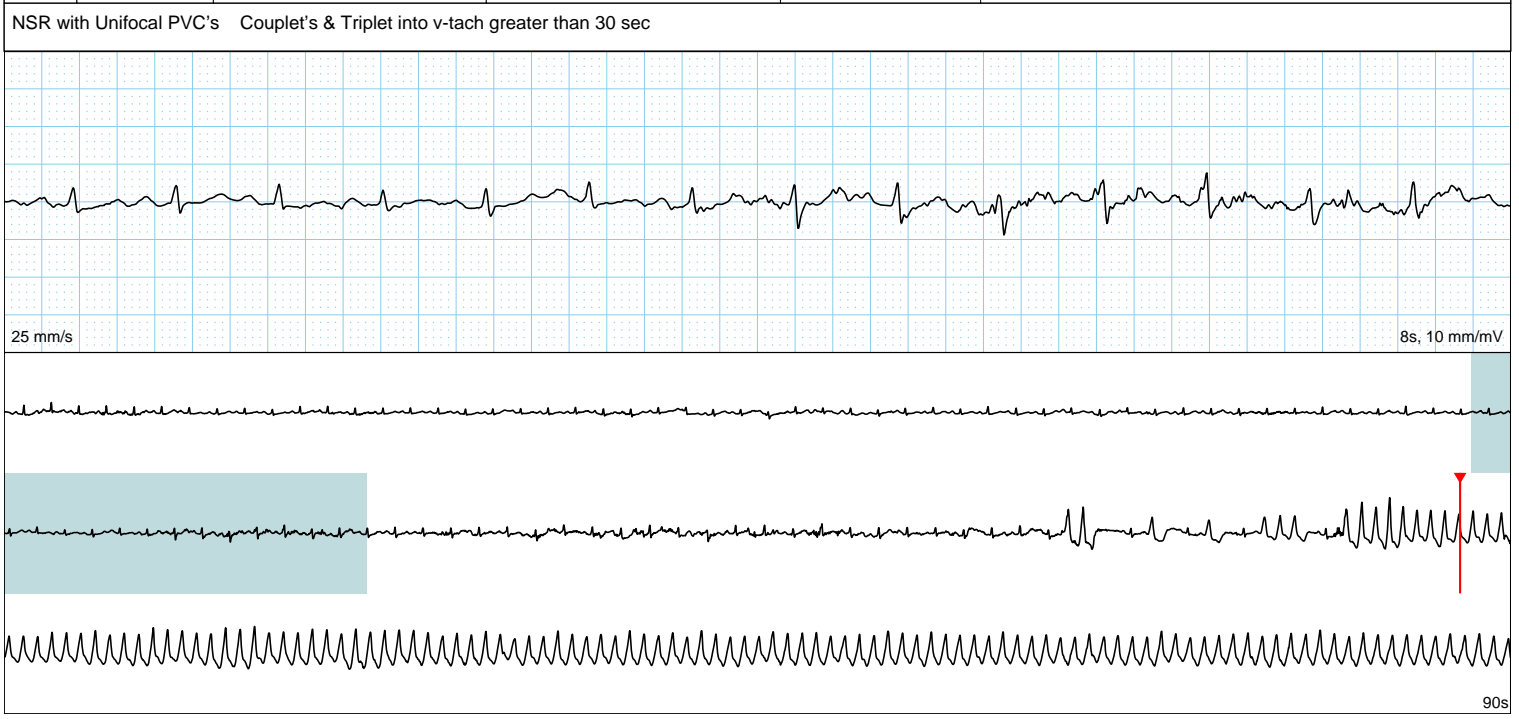


Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 3:39:30 PM PDT	Patient Activated Event	No Activity Indicated	180 bpm

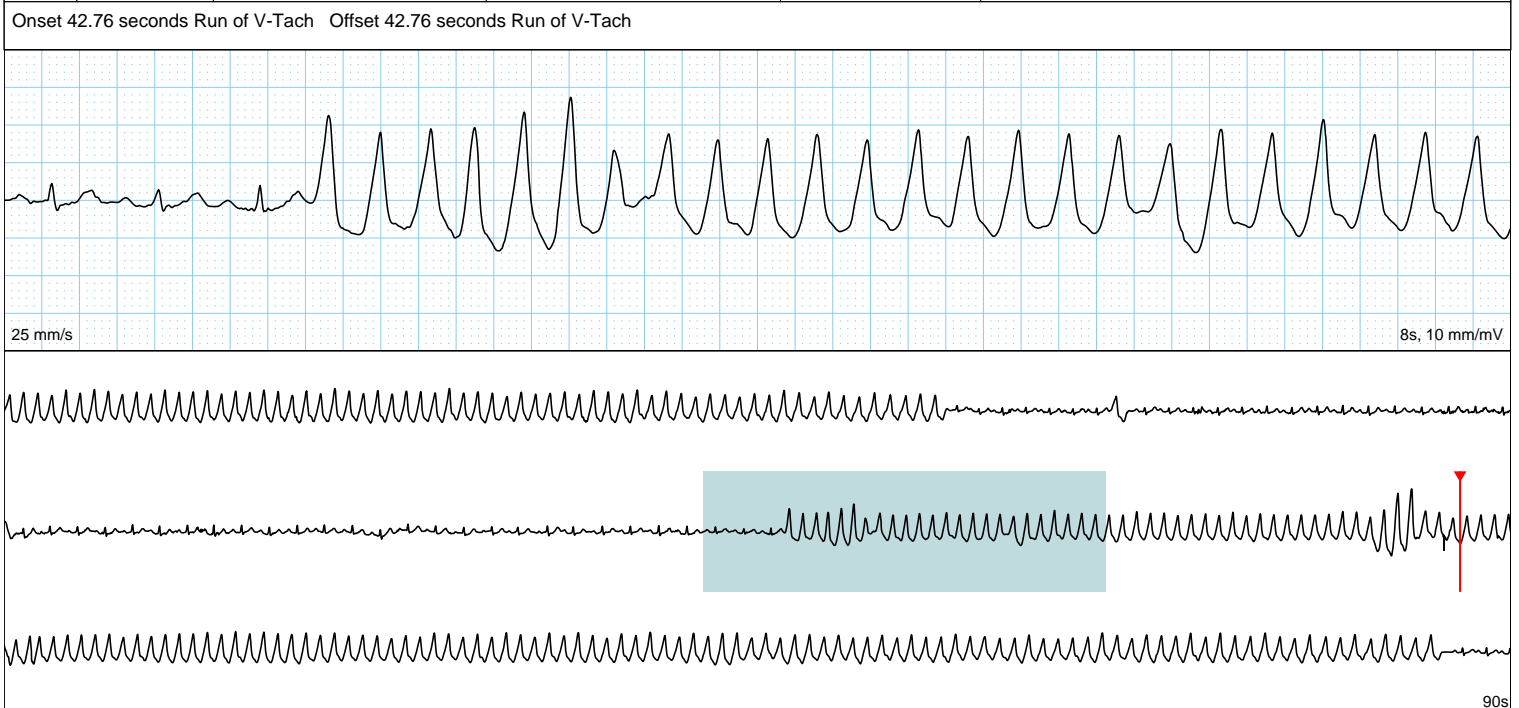
V-Tach to intermittent NSR to V-Tach 1 min Strip



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 3:57:11 PM PDT	Patient Activated Event	No Activity Indicated	110 bpm

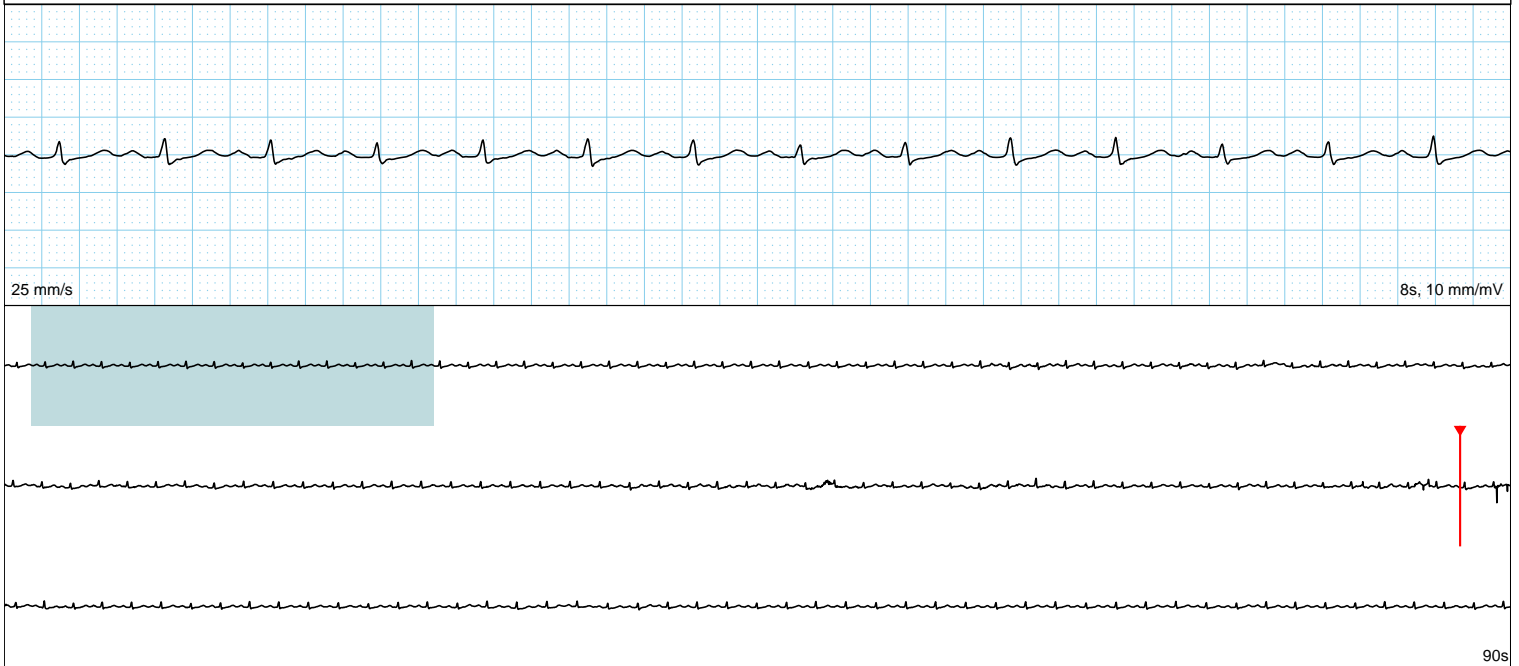


Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 3:59:53 PM PDT	Patient Activated Event	No Activity Indicated	212-212 bpm



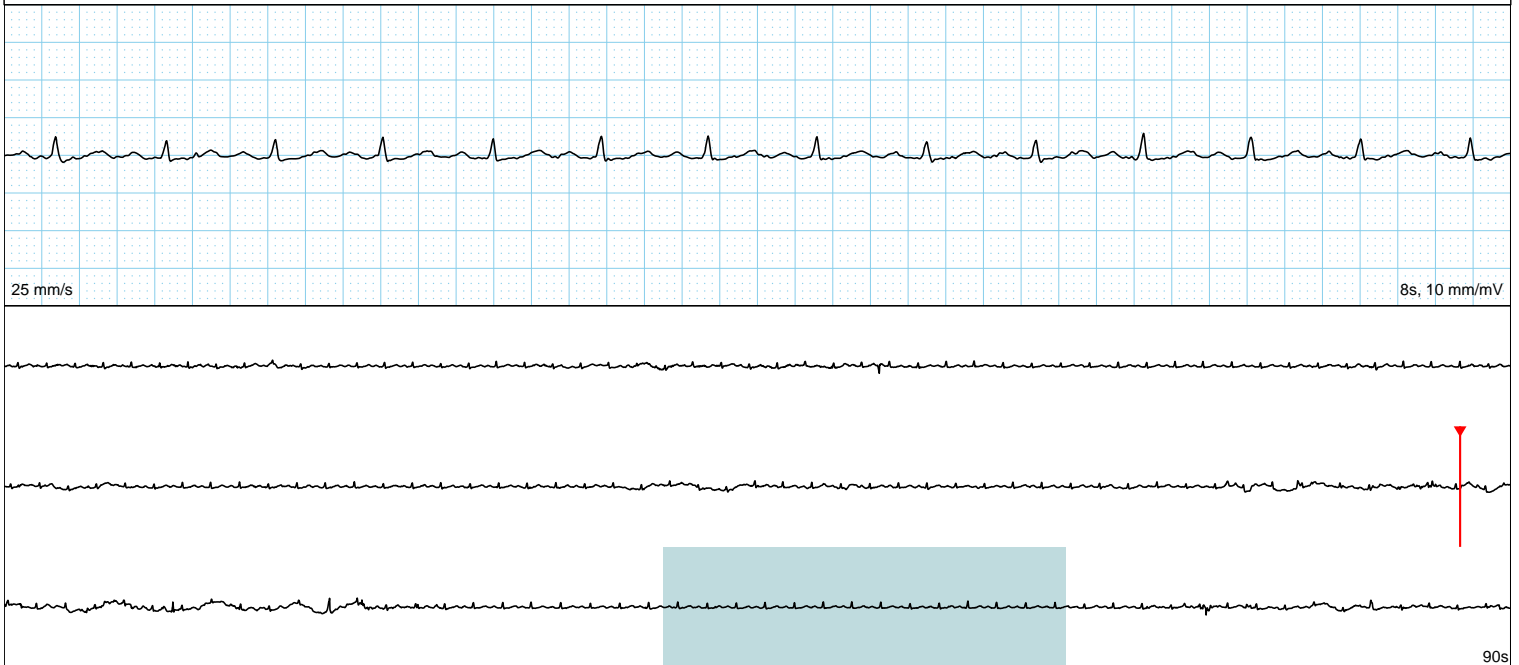
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 4:25:19 PM PDT	Patient Activated Event	No Activity Indicated	107 bpm

Sinus Tach



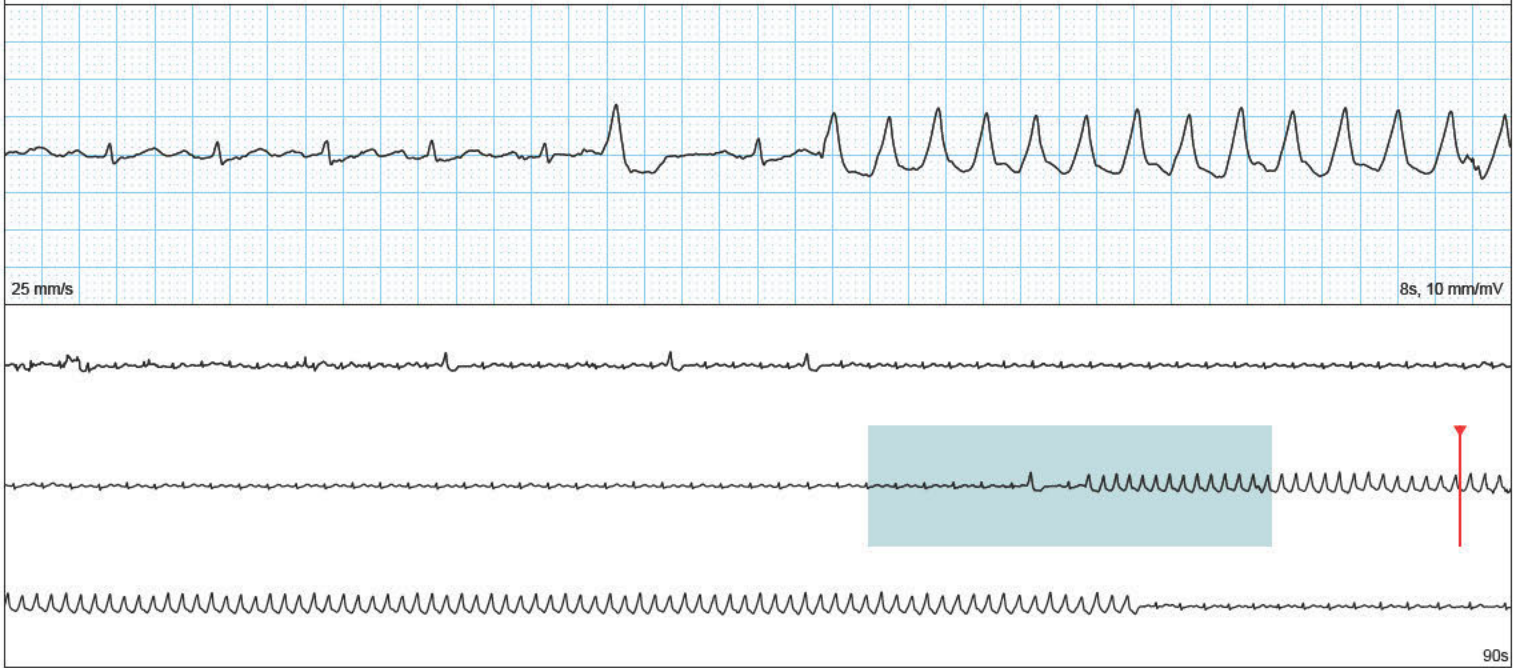
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 4:37:40 PM PDT	Patient Activated Event	No Activity Indicated	104 bpm

Sinus Tachycardia



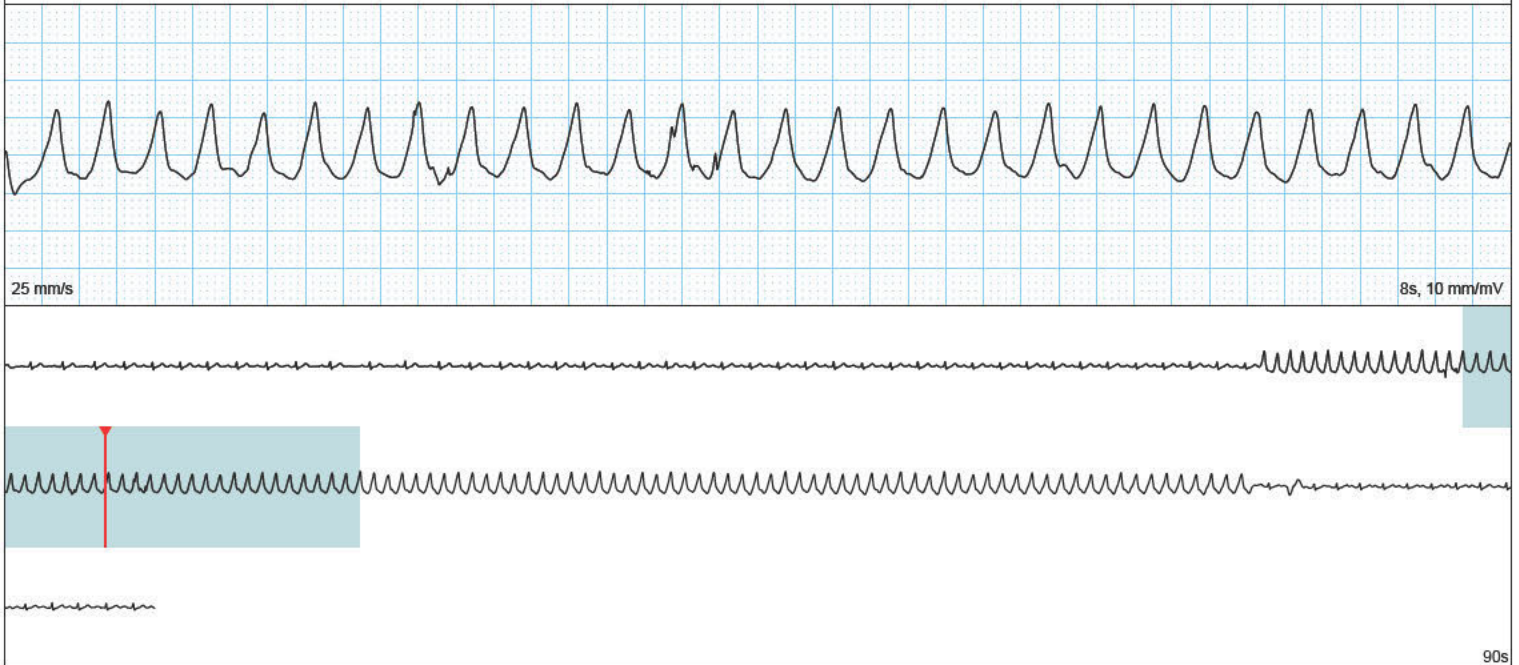
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 4:43:28 PM PDT	Patient Activated Event	No Activity Indicated	205 bpm

Onset of 30 second run of VT □ Offset of 30 second run of VT



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	9/2/2023 4:57:54 PM PDT	Patient Activated Event	No Activity Indicated	214 bpm

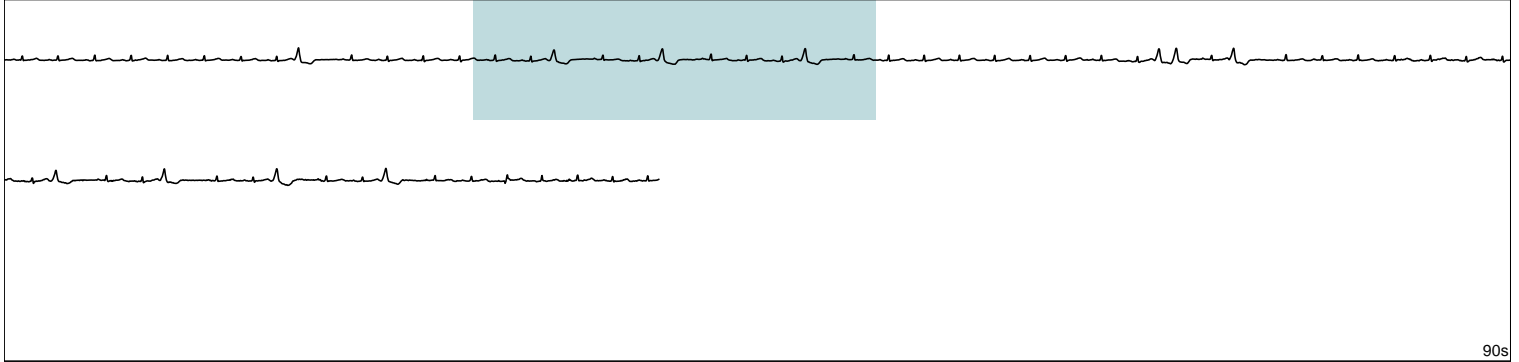
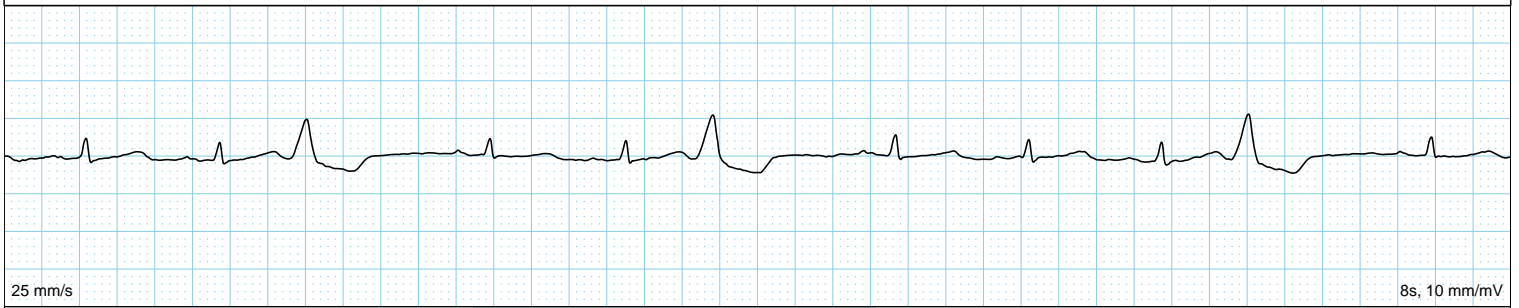
30 seconds run of VT



### Event Strips (not Patient Initiated)

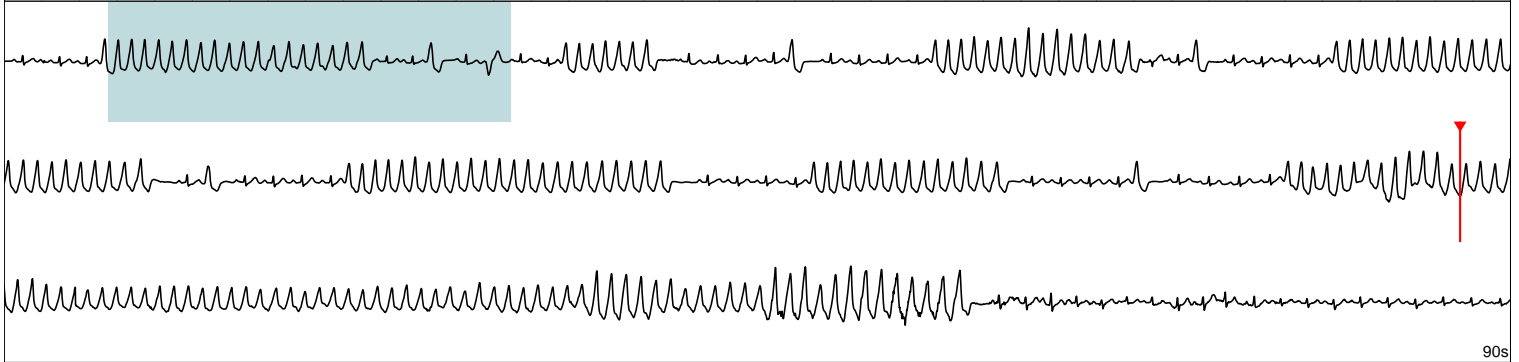
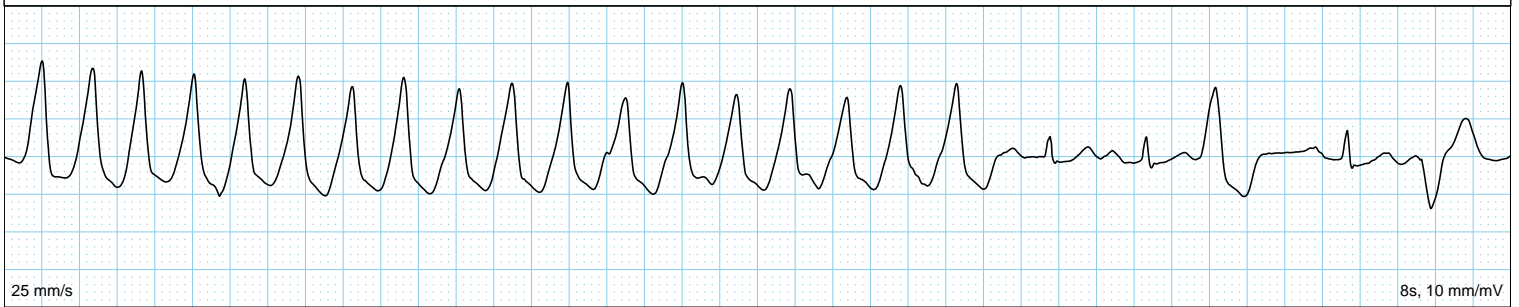
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	MCT	9/1/2023 10:57:30 AM PDT			84 bpm

Sinus Rhythm w/ PVCs



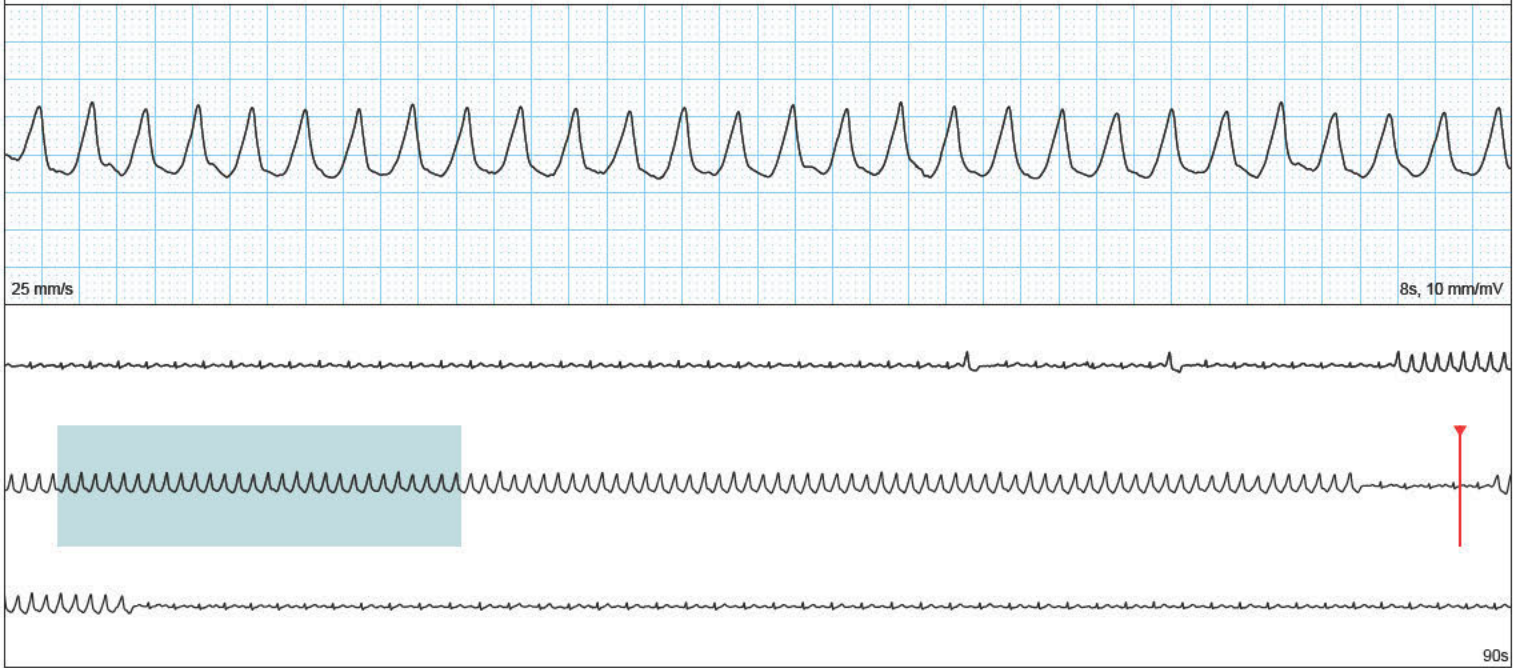
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 3:40:46 PM PDT	Auto Triggered Event		217 bpm

NSR to V-Tach Some Sustained V-Tach Areas



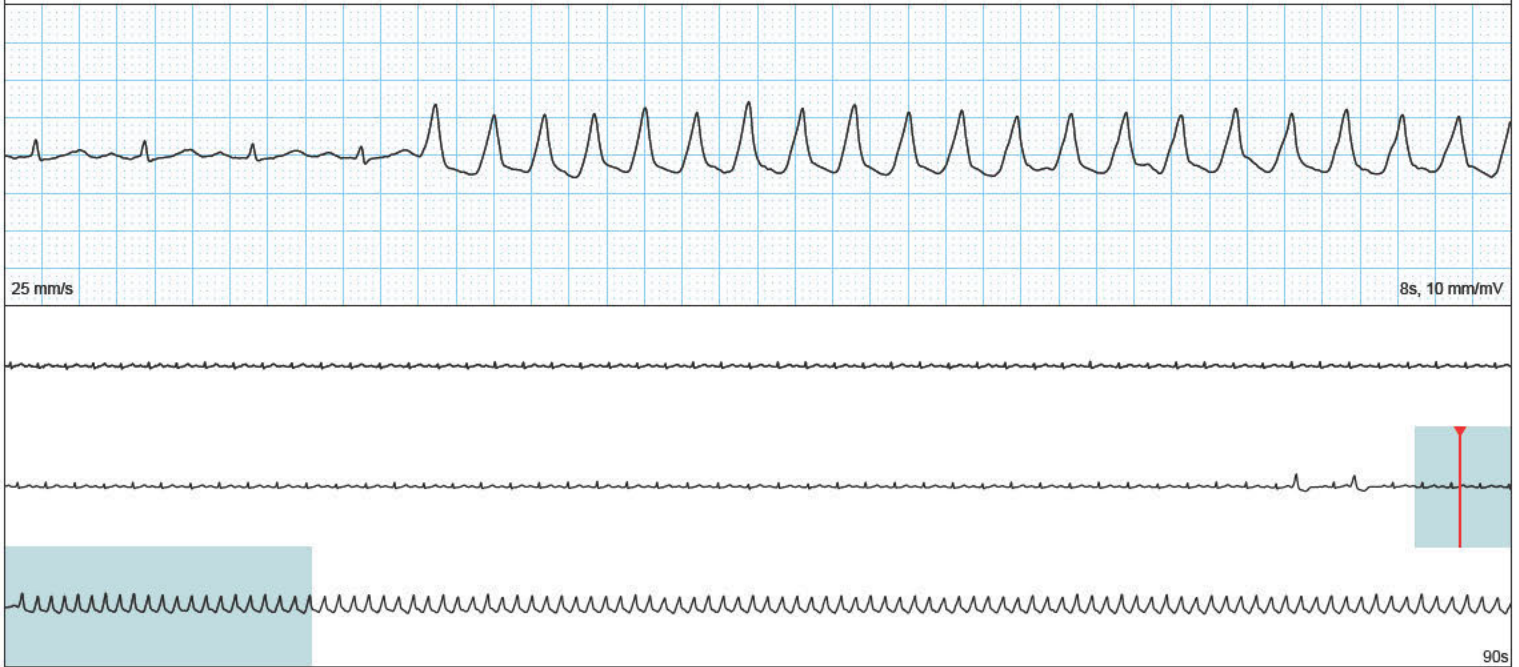
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 4:44:56 PM PDT	Auto Triggered Event		196-208 bpm

29 seconds of VT



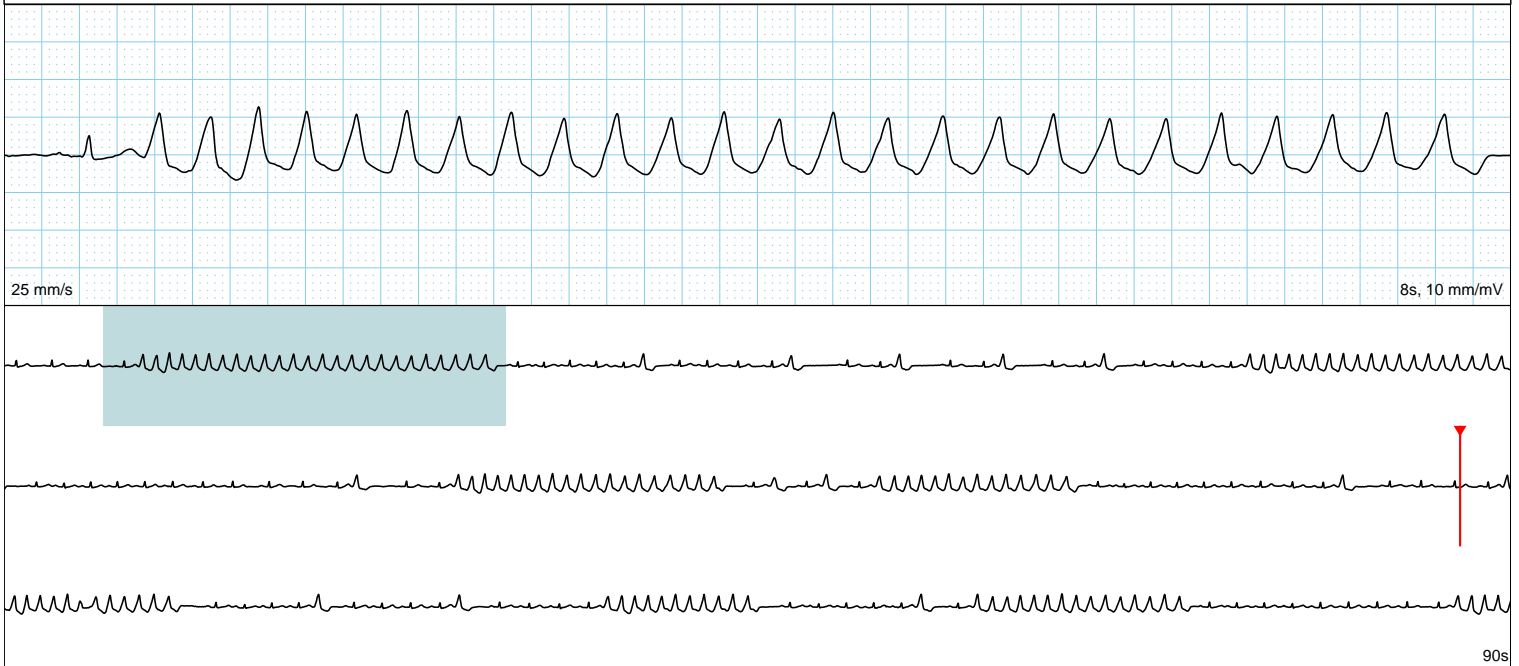
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 5:21:58 PM PDT	Auto Triggered Event		204-217 bpm

30 second run of VT



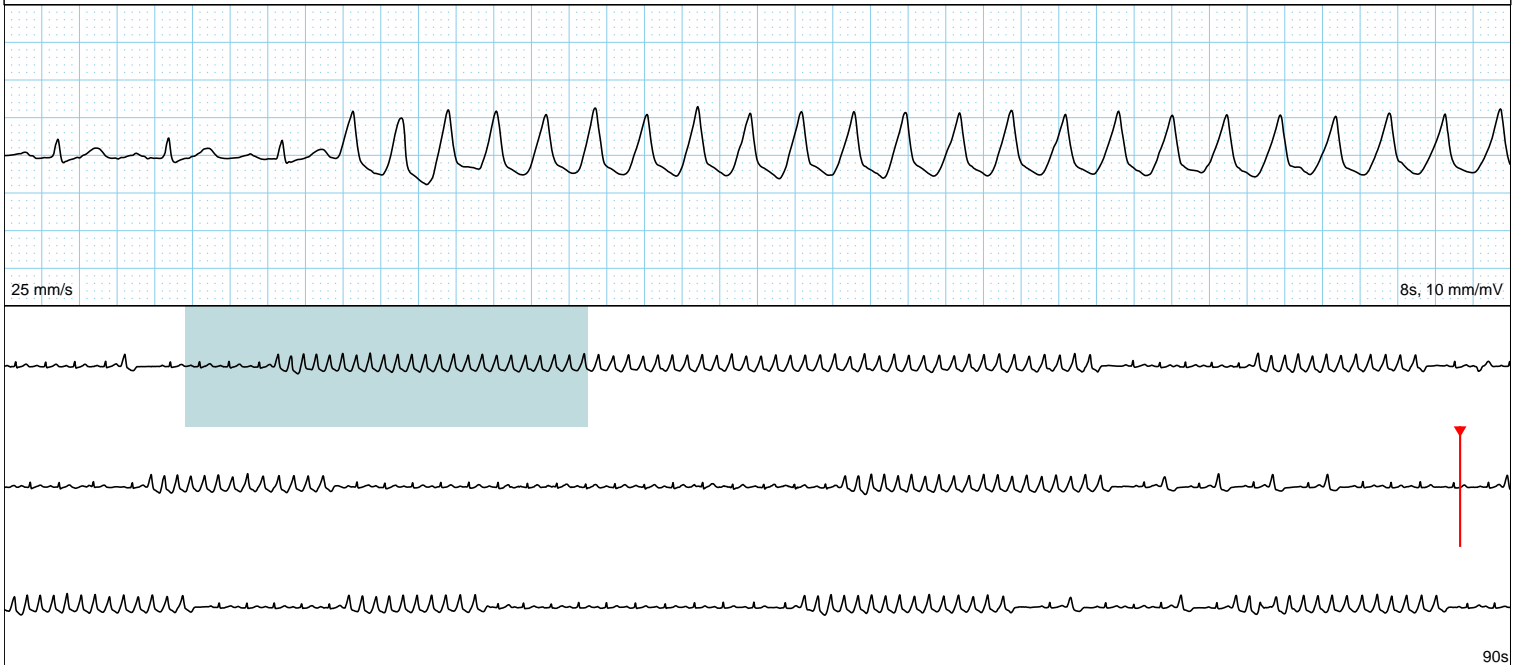
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 6:09:38 PM PDT	Auto Triggered Event		212-220 bpm

6.85 seconds of V-Tach



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 6:25:25 PM PDT	Auto Triggered Event		208-221 bpm

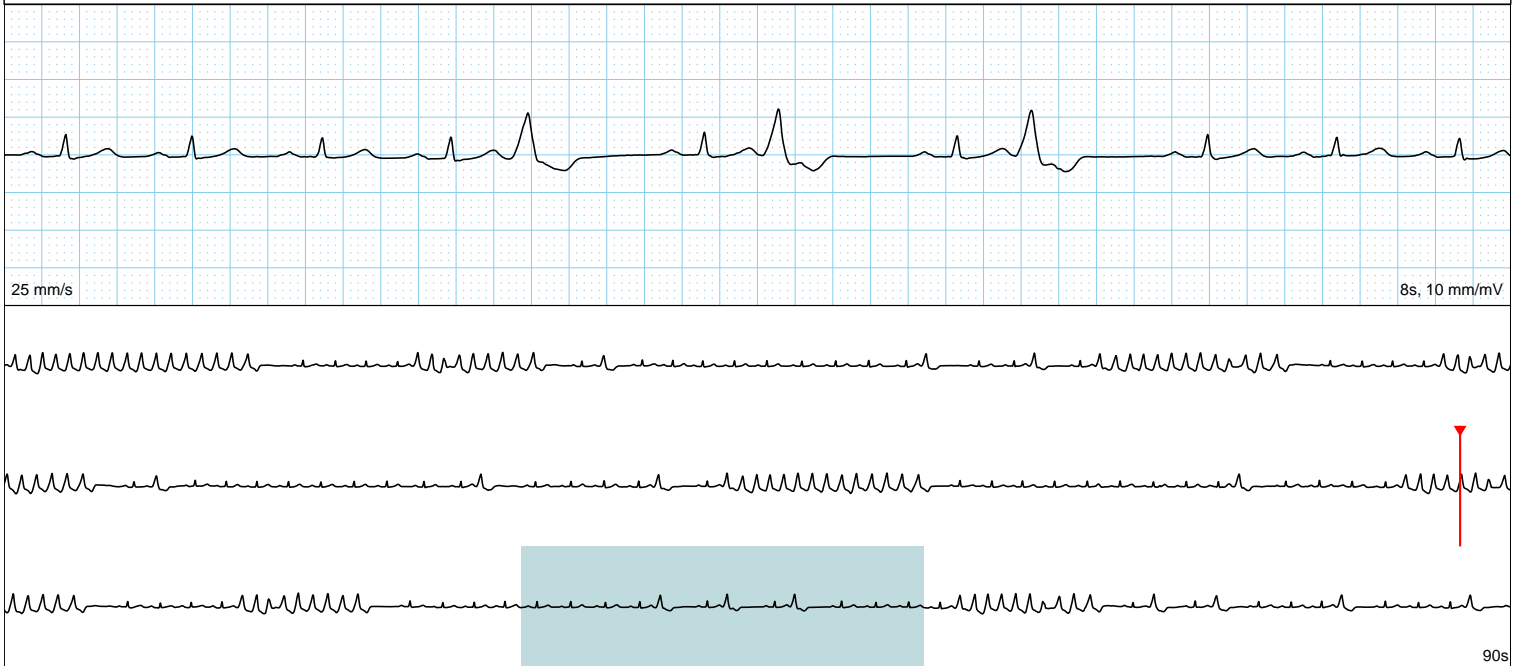
Sinus Rhythm w/ Onset 16.14 seconds Run of V-Tach Sinus Rhythm w/ Offset 16.14 seconds Run of V-Tach





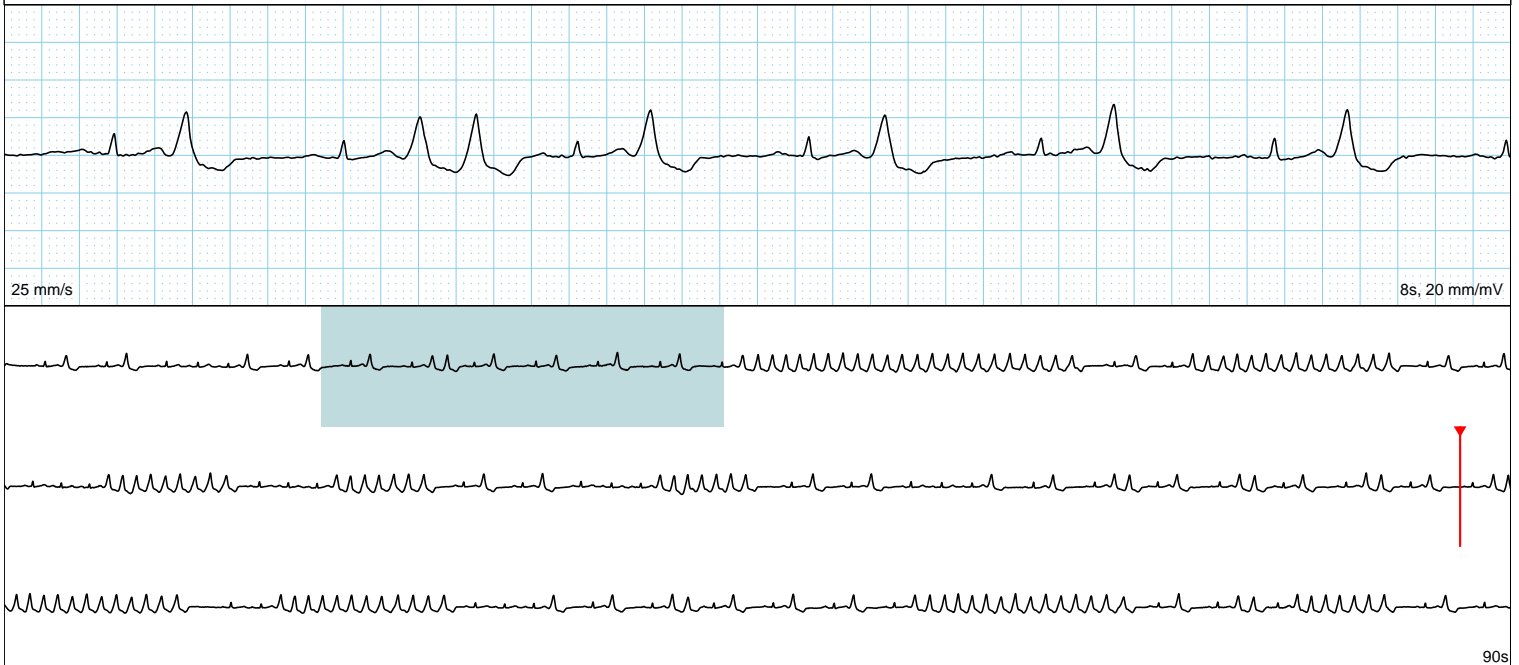
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 6:40:00 PM PDT	Auto Triggered Event		89-211 bpm

Sinus Rhythm w/ PVCs



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 8:11:23 PM PDT	Auto Triggered Event		208 bpm

NSR with Unifocal PVC's in a bigeminal pattern & couplet unifocal pvc's into V-Tach with intermittent sinus rhythm



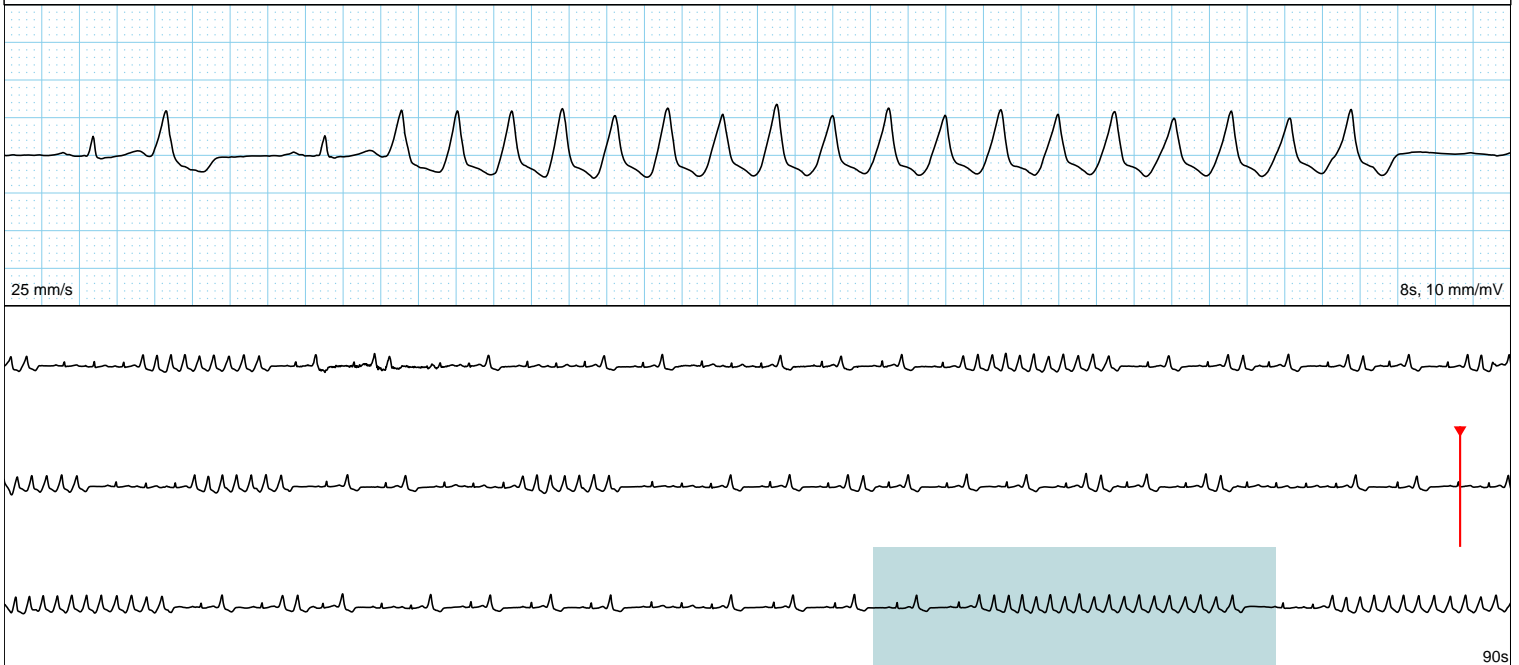
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 8:44:30 PM PDT	Auto Triggered Event		211 bpm

Sinus Tachycardia with Bigeminal Couplet PVC's & V-Tach



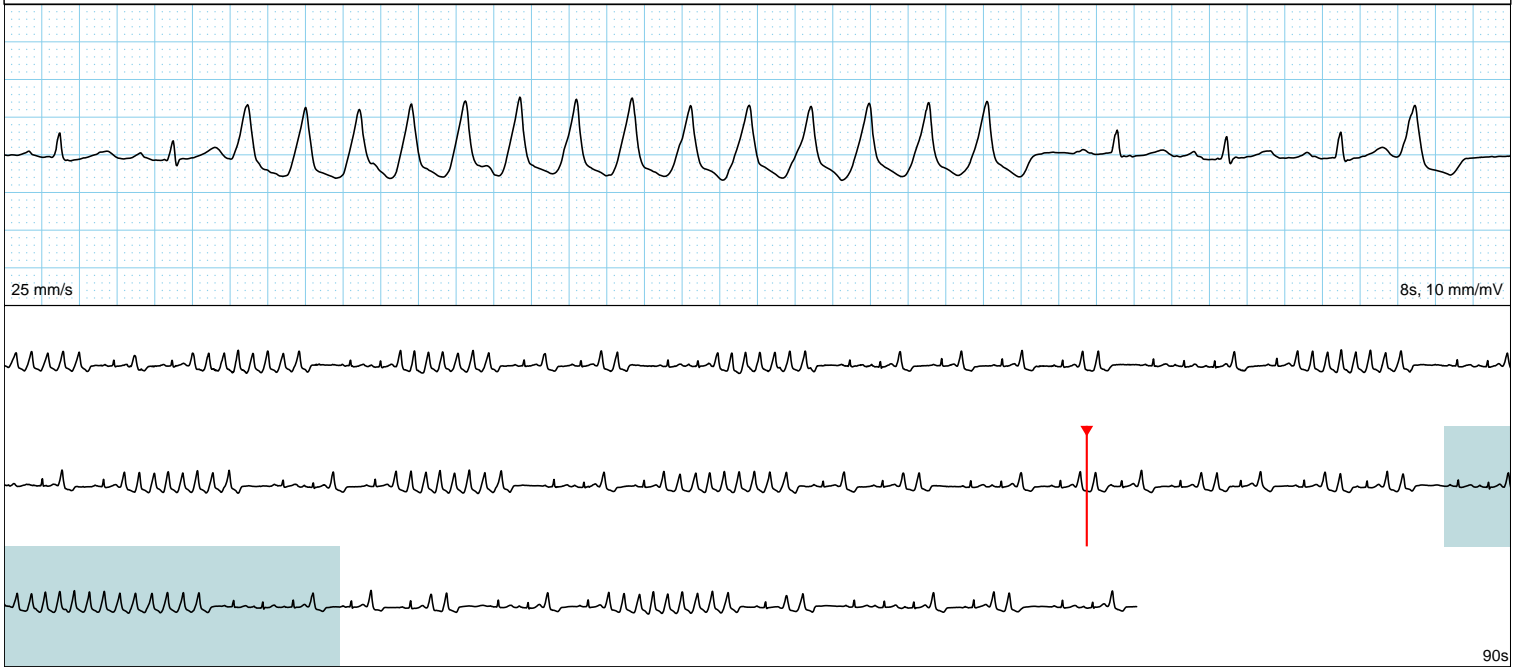
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 8:53:52 PM PDT	Auto Triggered Event		203-208 bpm

5.1 seconds of PVT



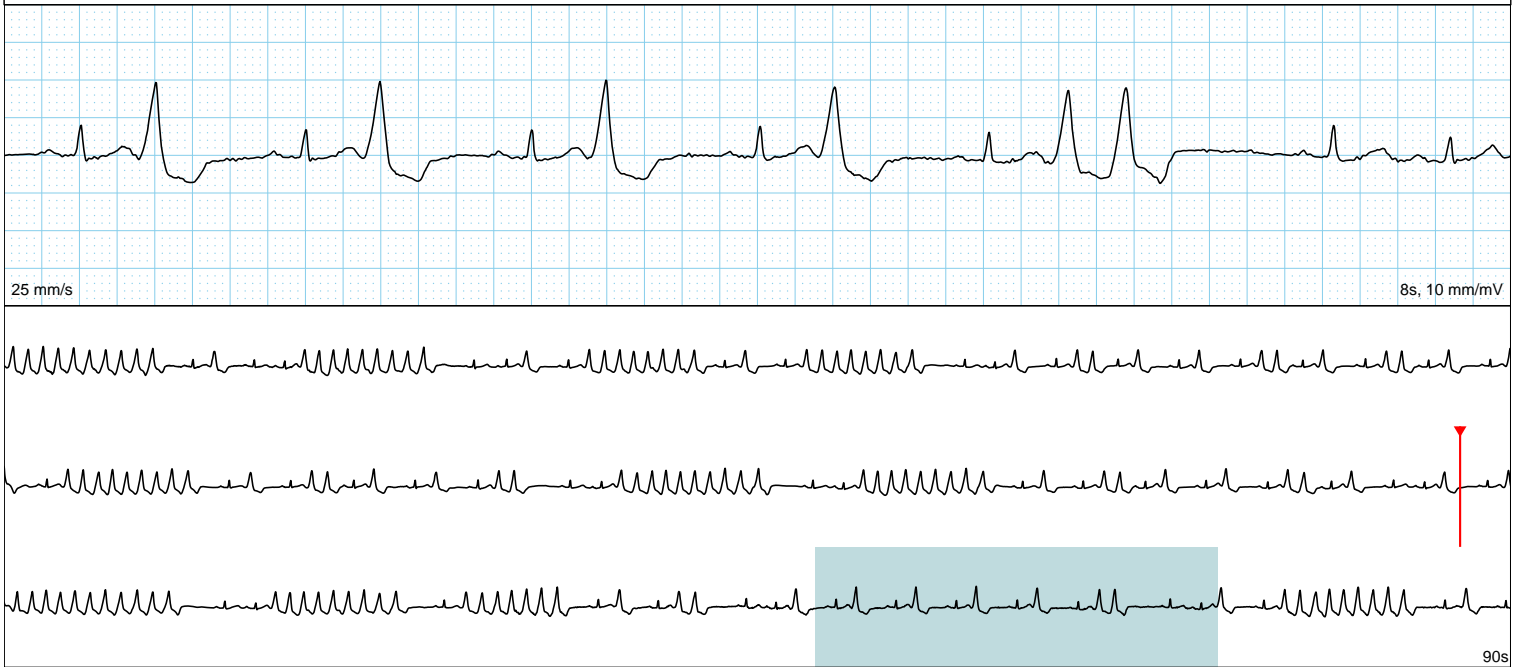
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 9:53:48 PM PDT	Auto Triggered Event		199-201 bpm

14 Beats of V-Tach



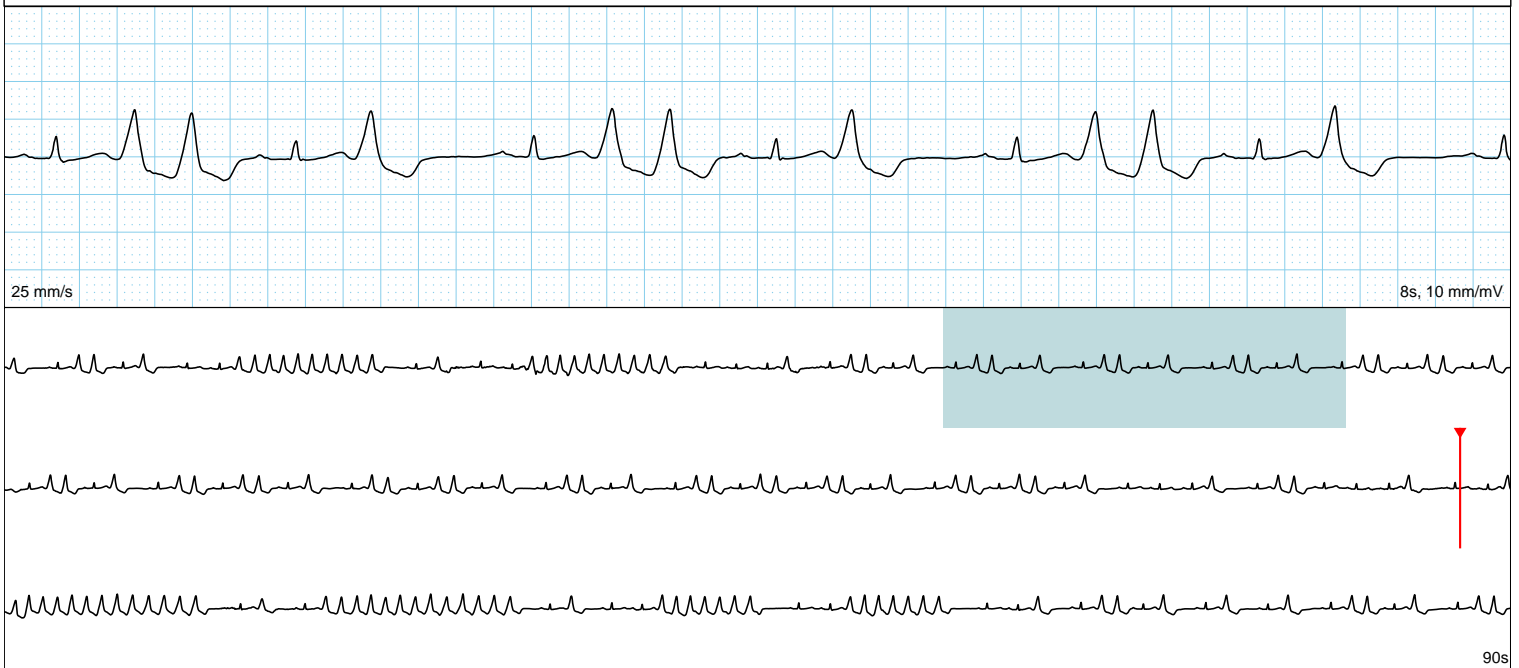
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 10:07:01 PM PDT	Auto Triggered Event		99-203 bpm

Sinus Rhythm w/ Bigeminy PVCs and Couplet PVCs



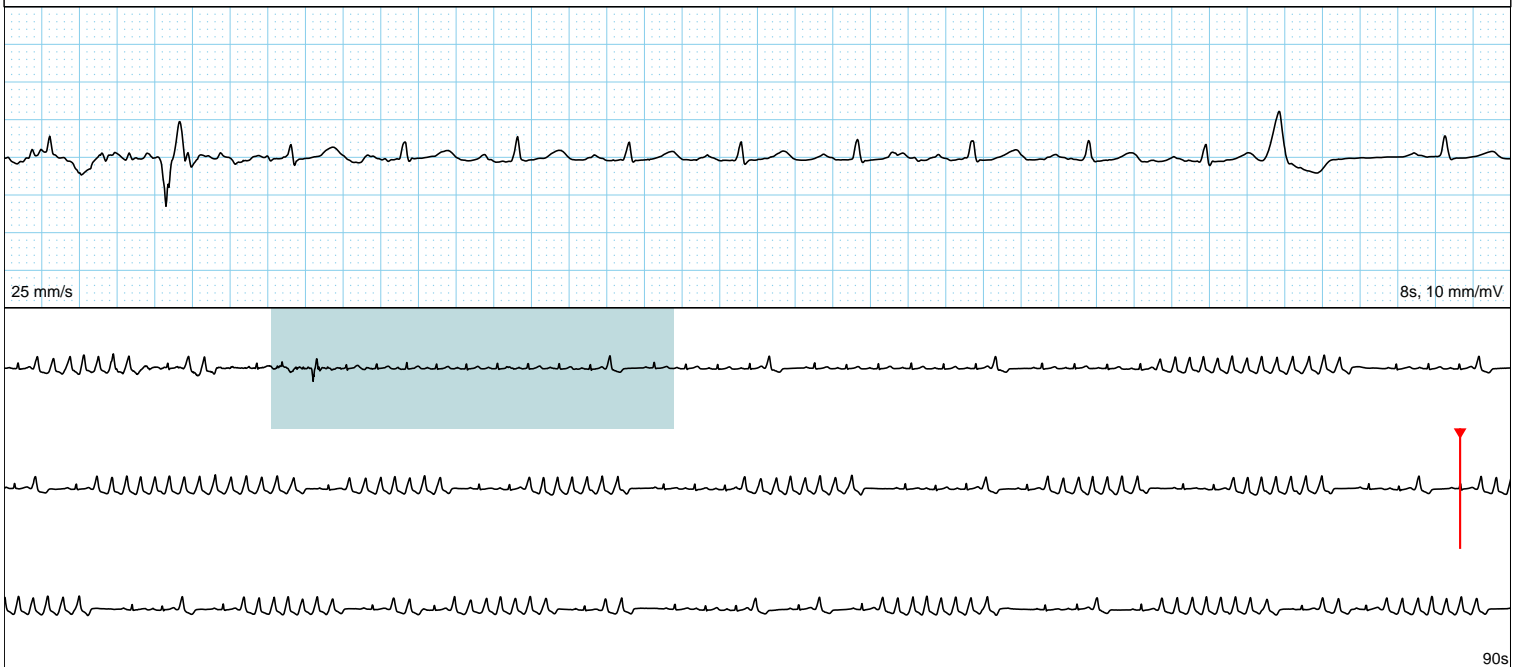
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 10:58:21 PM PDT	Auto Triggered Event		205 bpm

Sinus Tachycardia with bigeminal couplet pvc's alternating pattern Sinus Tachycardia with v-tach



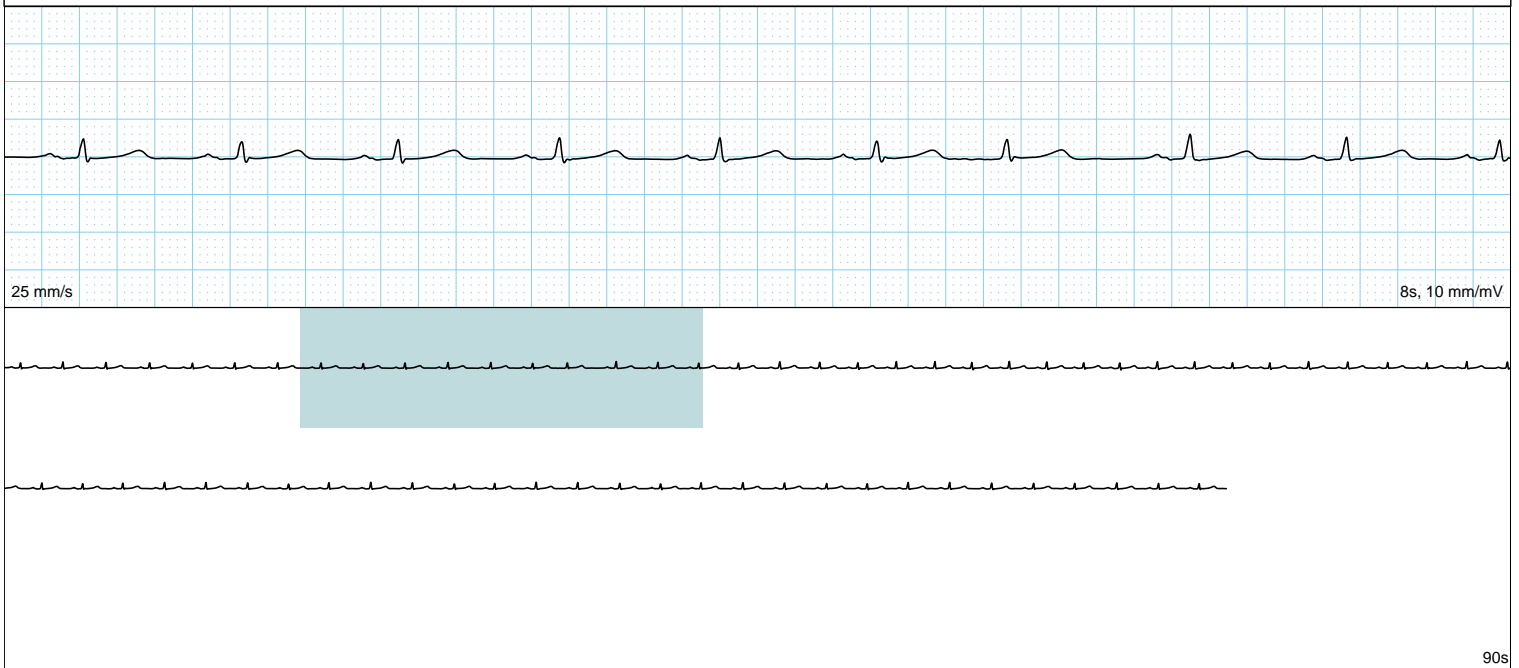
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Auto	9/2/2023 11:44:13 PM PDT	Auto Triggered Event		203 bpm

Sinus Tachycardia with Multifocal PVC's Sinus Tachycardia with intermittent runs of v-tach



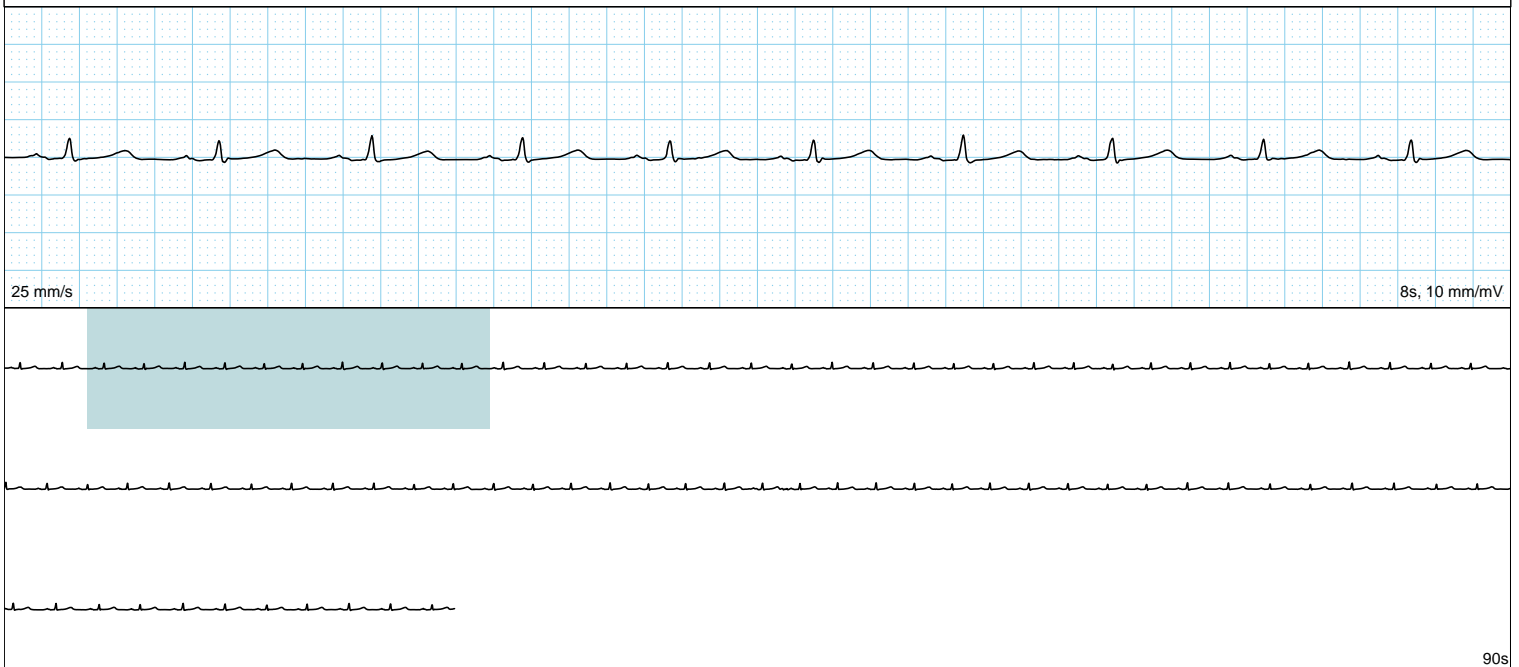
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
3	MCT	9/3/2023 4:24:55 AM PDT			72 bpm

Sinus Rhythm w/ PAC



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
3	MCT	9/3/2023 4:33:23 AM PDT			76 bpm

Sinus Rhythm



# Sample Strips

