

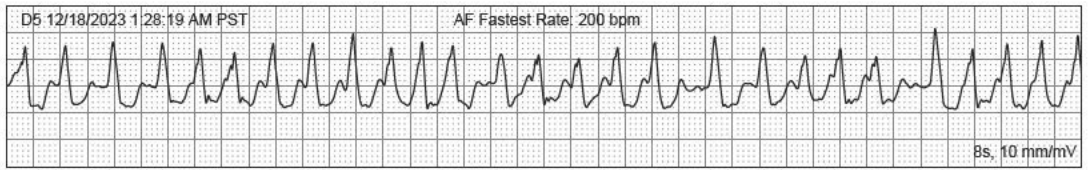
# End of Study MCT Report

Patient Information	Study Information	Physician Information
Name:	Enrollment period:	Ordering:
DOB:	Analysis duration: 3d 10h	Reading:
ID: MRN:	Indications: Essential (primary) hypertension	Location:
Pacemaker: <input type="checkbox"/> ICD: <input type="checkbox"/>		

Patient Events	Heart Rate Summary	Ectopics
Symptomatic:	<u>Overall</u>	<u>VE</u>
Auto-Triggered: 6	Fastest: <b>200 bpm</b> 01:28:19 D5	<u>SVE</u>
Notified: 6	Slowest: <b>45 bpm</b> 06:42:23 D2	Total beats: <b>9</b> (<0.1%)
	Average: <b>65 bpm</b>	Isolated: <b>9</b> (<0.1%)
	Brady burden: <b>1d 11h 47m, (43.39%)</b>	Couplets:
	Tachy burden: <b>1h 11m 53s, (1.45%)</b>	Triplets:

### AFIB/AFL

AF burden: **1h 40m 33s** (2%)  
 Longest episode: **1h 33m 45s** 00:24:21 D5  
 Fastest rate: **200 bpm** 01:28:19 D5  
 Slowest rate: **128 bpm** 00:24:29 D5  
 Average rate: **156 bpm**



### VT (4+ beats)

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

### 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:

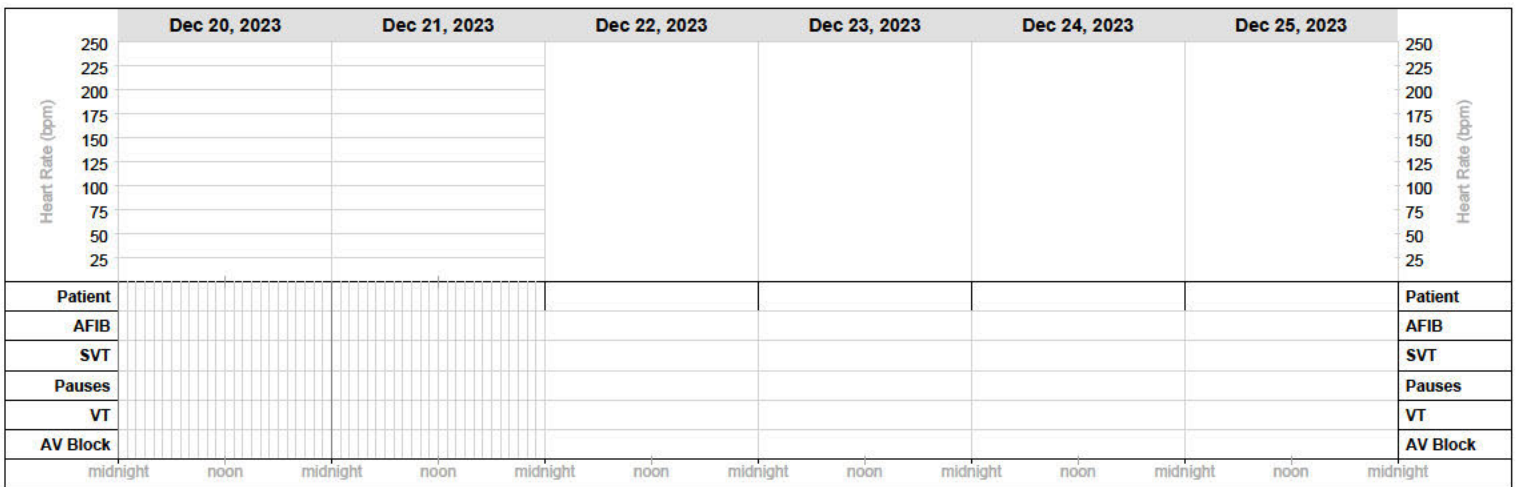
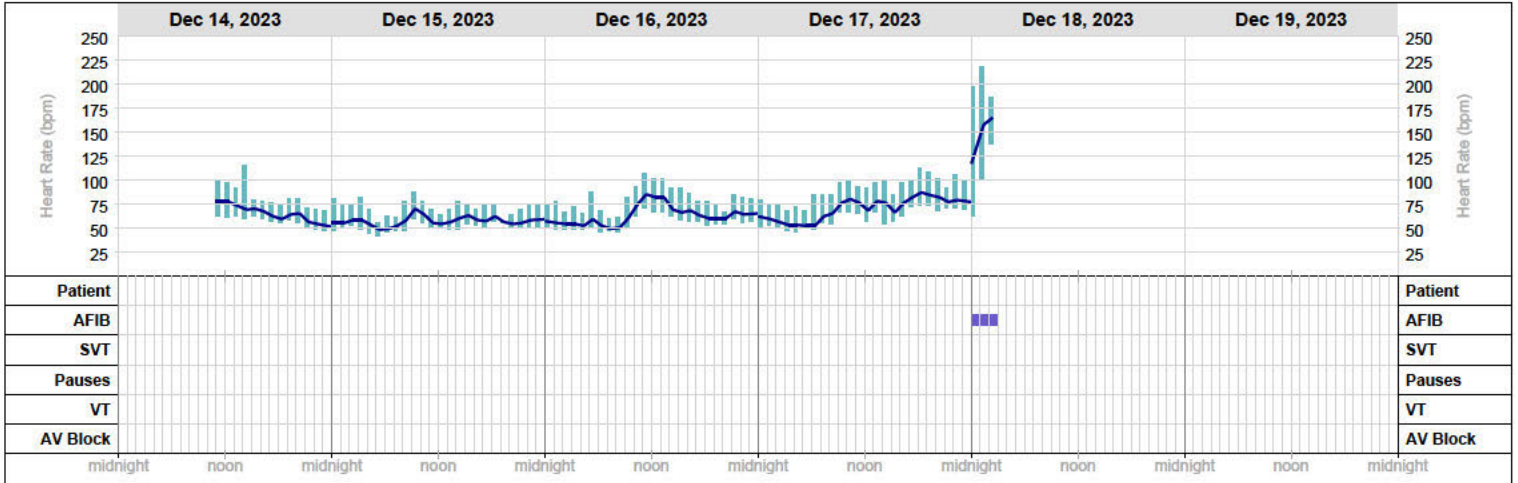
**Preliminary Findings**

81 y/o female who was referred for a 7 day MCOT Study due to diagnosis of Hypertension.  
 The patient presented in NSR & Sinus Bradycardia was documented on 4 days of the study & tachycardia was documented on 3 days.  
 A wide complex tachycardia consistent with V-Tach was documented on 12/18/2023 shortly  
 The patient was contacted & was experiencing SOB & sent to hospital by Paramedic Ambulance.  
 Thank you for your referral.

**Physician Interpretation**

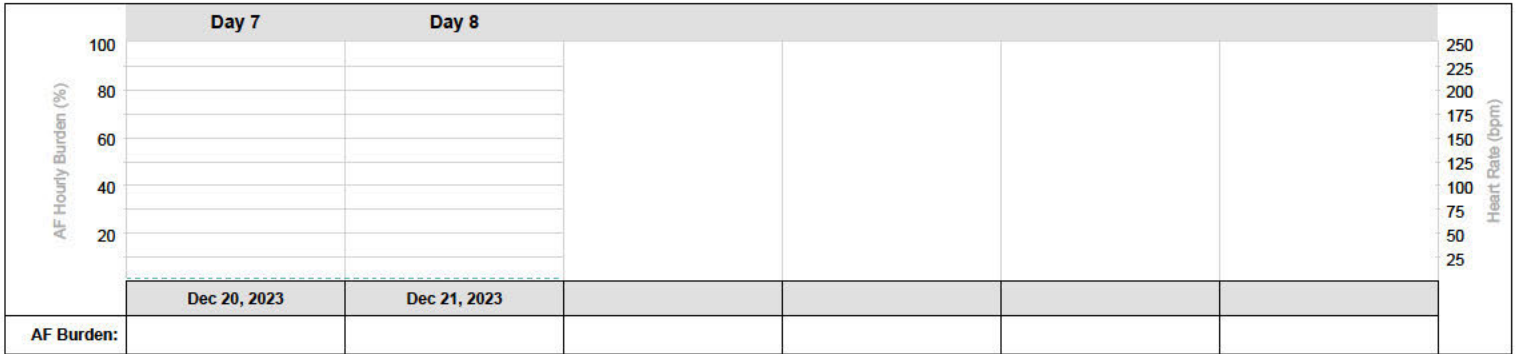
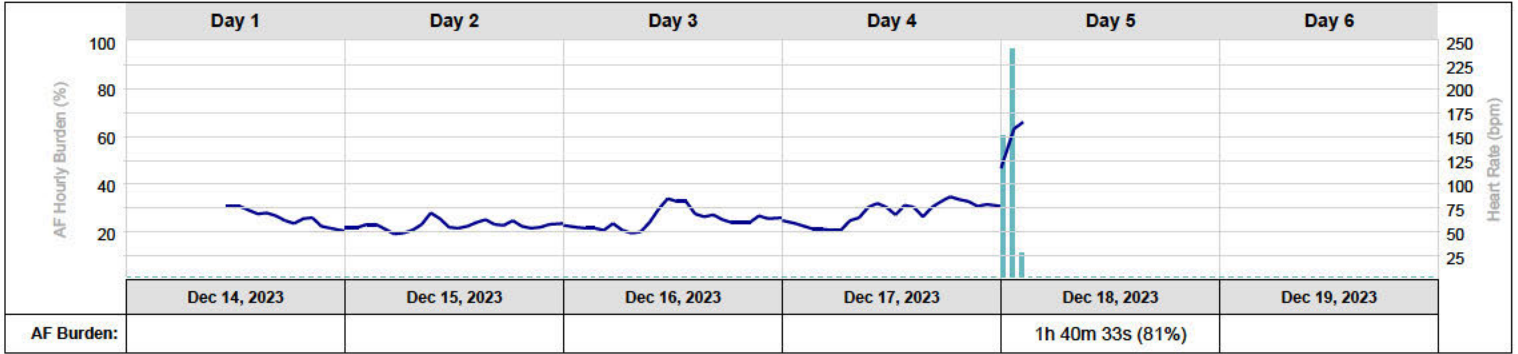
Date:

## Heart Rate Trending and Event Summary



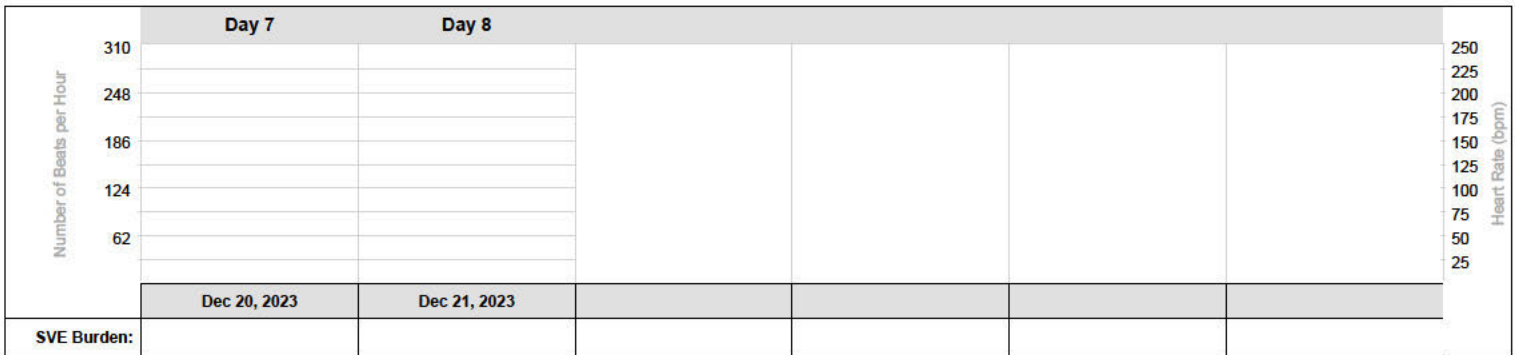
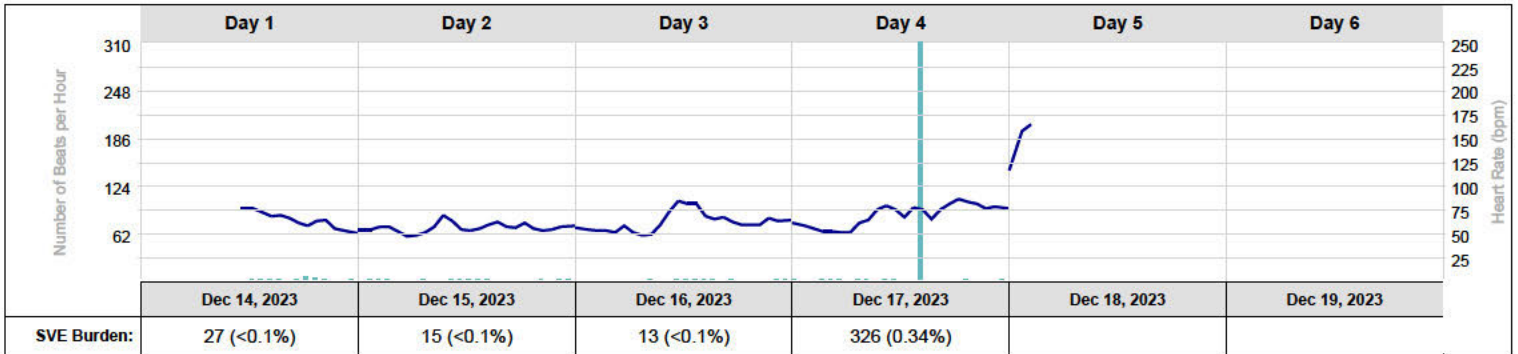
## AF Burden Analysis

<b>Analyzed Time:</b> 3d 10h 29m <b>Total Time in AF:</b> 1h 40m 33s <b>Longest Episode:</b> 1h 33m 45s, 12/18/2023 00:24:21 <b>Fastest:</b> 200 bpm, 12/18/2023 01:28:19 <b>Slowest:</b> 128 bpm, 12/18/2023 00:24:29 <b>Average:</b> 156 bpm	<b>AF Burden: 2%</b>		
	HR Range	Duration	Burden
	<60 bpm:		
	60-100 bpm:		
	100-140 bpm:	0h 18m 5s	18%
>140 bpm:	1h 22m 28s	82%	



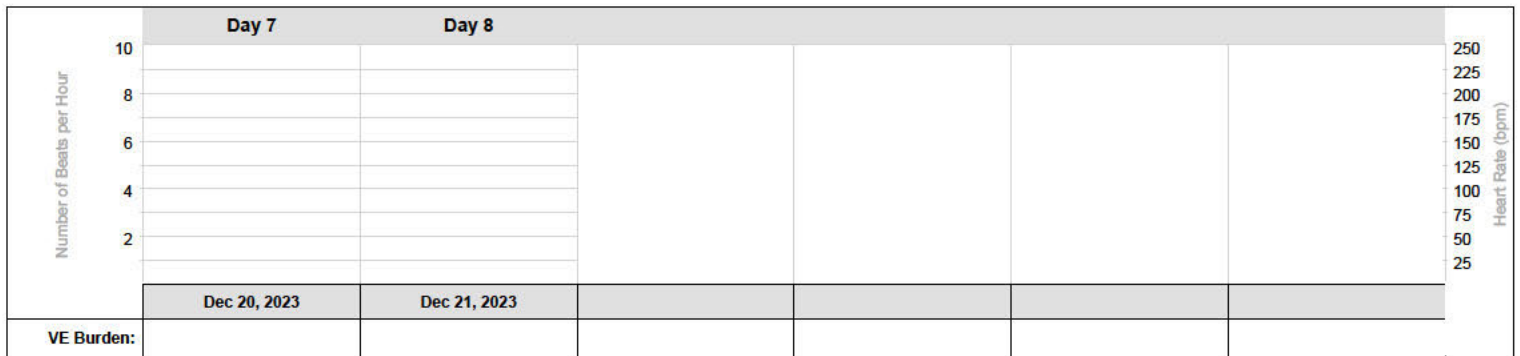
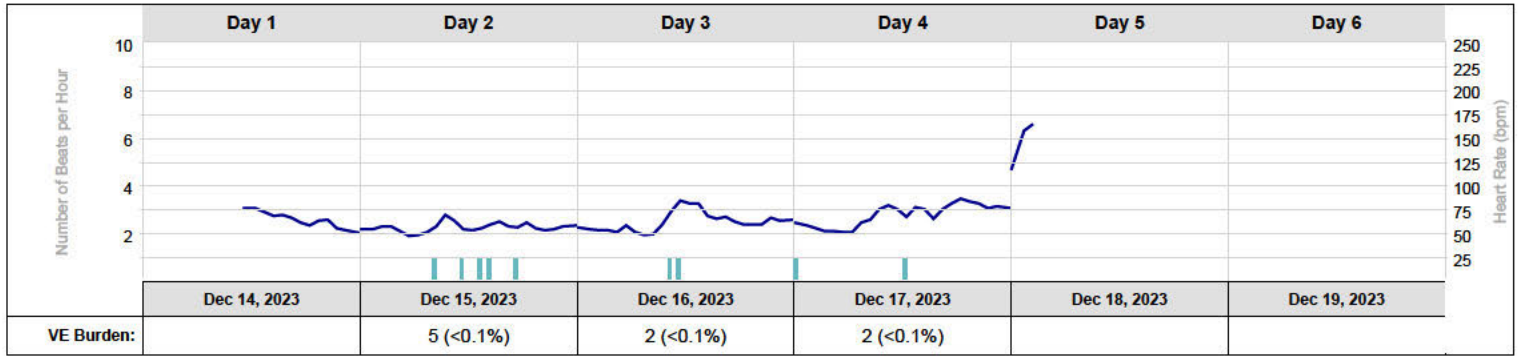
## SVE Analysis

<b>Total SVE Count:</b> 381 beats (0.12%)
<b>Isolated:</b> 381 beats (0.12%)
<b>Couplets:</b>
<b>Triplets:</b>



## VE Analysis

<b>Total VE Beat Count:</b>	9 beats (<0.1%)
<b>Isolated:</b>	9 beats (<0.1%)
<b>Couplets:</b>	
<b>Triplets:</b>	
<b>Longest Bigeminy Episode:</b>	
<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	12/14/2023	12h 29m	48 @ 23:43:41	64	98 @ 12:47:45	31%			27 <0.1%							
2	12/15/2023	22h 34m	45 @ 06:42:23	57	79 @ 09:30:58	71%			15 <0.1%	5 <0.1%						
3	12/16/2023	22h 30m	47 @ 08:17:52	63	106 @ 11:33:11	45%	<1%		13 <0.1%	2 <0.1%						
4	12/17/2023	22h 50m	50 @ 05:03:53	69	113 @ 18:56:42	28%	<1%		326 0.34%	2 <0.1%						
5	12/18/2023	2h 4m	72 @ 00:15:24	134	200 @ 01:28:19		52%	81%							6	6
6	12/19/2023	0h														
7	12/20/2023	0h														
8	12/21/2023	0h														

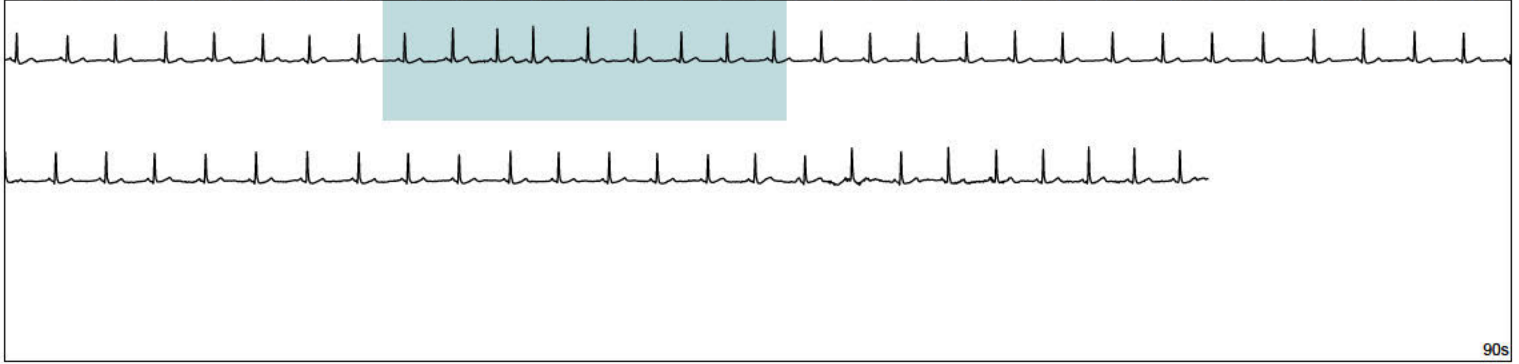
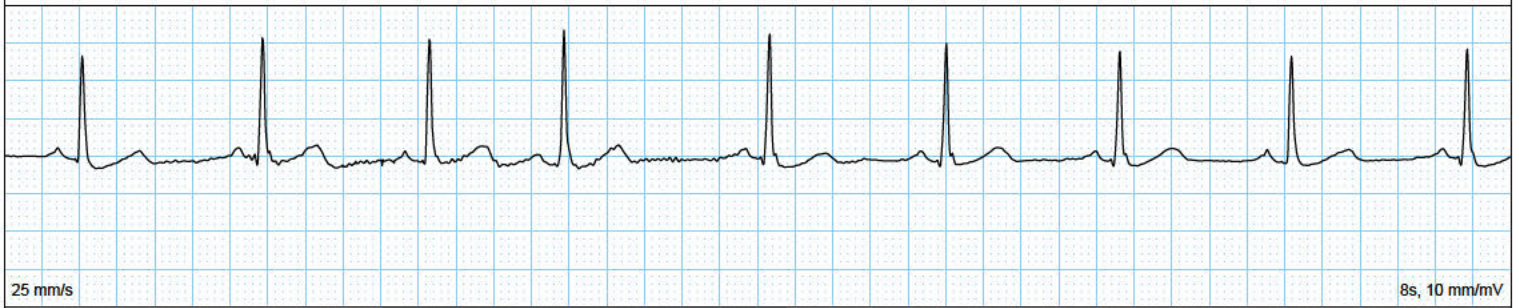
## Event Log Index

Day #	Activation	Record Date	Symptoms	Activity	Observations	Heart Rate	Page
1	MCT	12/14/2023 6:59 PM PST			Sinus Rhythm w/ PAC	65 bpm	8
1	MCT	12/14/2023 11:40 PM PST			Sinus Bradycardia	50 bpm	8
2	MCT	12/15/2023 11:26 PM PST			NSR	64 - 64 bpm	9
3	MCT	12/16/2023 7:33 PM PST			NSR	65 bpm	9
4	MCT	12/17/2023 12:00 AM PST			NSR	63 bpm	10
4	MCT	12/17/2023 2:58 AM PST			Sinus Bradycardia	54 bpm	10
4	MCT	12/17/2023 9:15 AM PST			NSR with T wave Inversion	70 bpm	
4	MCT	12/17/2023 10:58 AM PST			NSR with PAC / T wave Inversion	83 bpm	
4	MCT	12/17/2023 12:16 PM PST			NSR with PVC	79 bpm	11
4	MCT	12/17/2023 1:48 PM PST			NSR with T wave Inversion	77 bpm	
4	MCT	12/17/2023 11:06 PM PST			NSR with PVC t wave Inversion	69 bpm	
5	MCT	12/18/2023 12:21 AM PST			Sinus Rhythm	76 bpm	11
5	MCT	12/18/2023 12:24 AM PST			Sinus Rhythm w/ IVCD and Onset of Atrial Fib with RVR	106 - 122 bpm	
5	Auto	12/18/2023 12:26 AM PST	Auto Triggered Event		Ventricular Tachycardia	168 - 183 bpm	12
5	Auto	12/18/2023 12:31 AM PST	Auto Triggered Event		Ventricular Tachycardia	188 - 202 bpm	12
5	Auto	12/18/2023 12:51 AM PST	Auto Triggered Event		Ventricular Tachycardia	176 - 189 bpm	13
5	Auto	12/18/2023 1:29 AM PST	Auto Triggered Event		Ventricular Tachycardia	189 - 220 bpm	13
5	Auto	12/18/2023 1:46 AM PST	Auto Triggered Event		Ventricular Tachycardia	189 - 222 bpm	14
5	Auto	12/18/2023 1:54 AM PST	Auto Triggered Event		Ventricular Tachycardia	185 - 212 bpm	14

### Event Strips (not Patient Initiated)

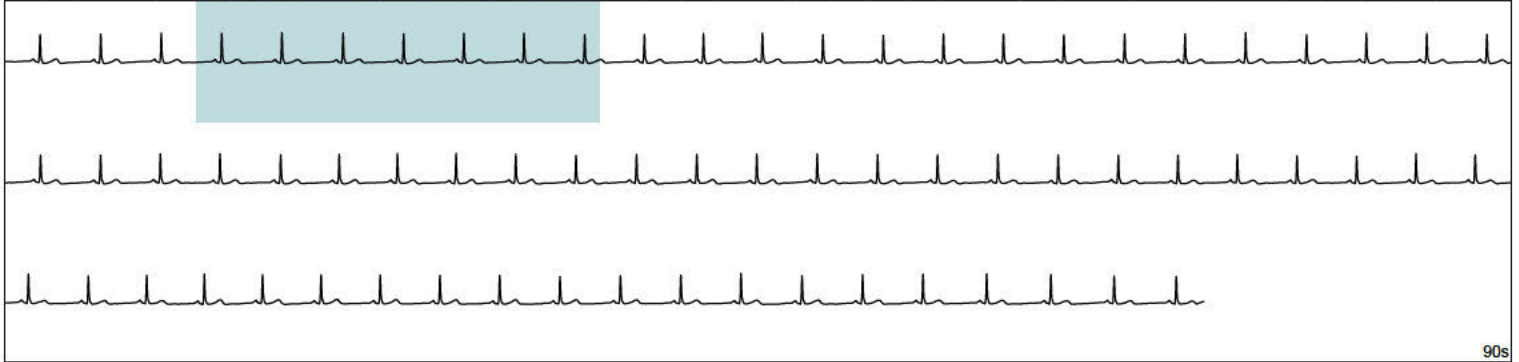
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	MCT	12/14/2023 6:59:00 PM PST			65 bpm

Sinus Rhythm w/ PAC



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	MCT	12/14/2023 11:40:52 PM PST			50 bpm

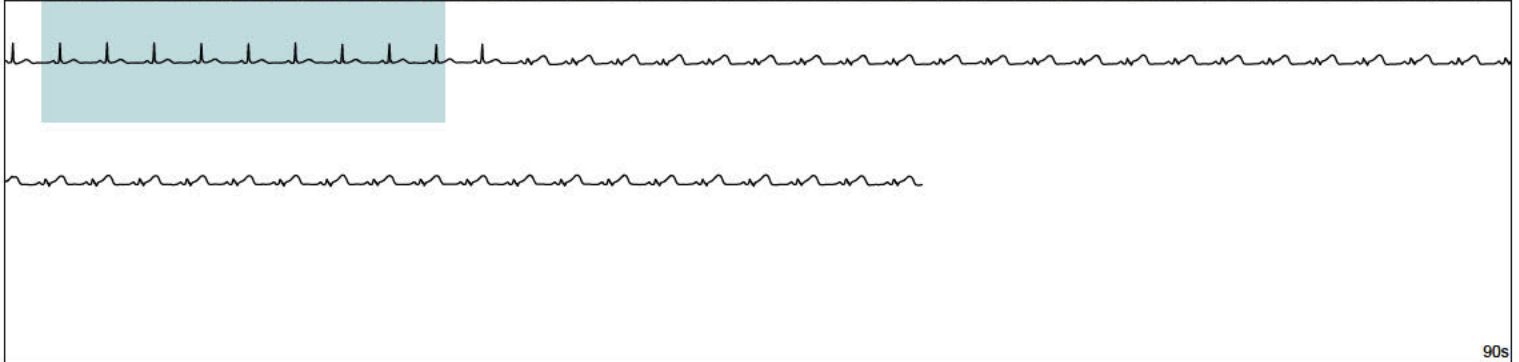
Sinus Bradycardia





Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	MCT	12/15/2023 11:26:25 PM PST			64-64 bpm

NSR



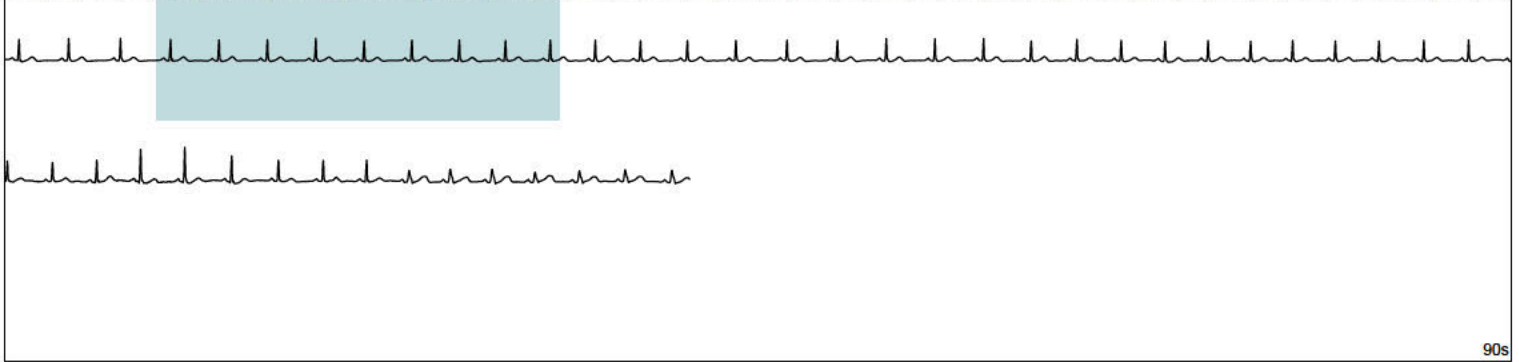
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
3	MCT	12/16/2023 7:33:16 PM PST			65 bpm

NSR



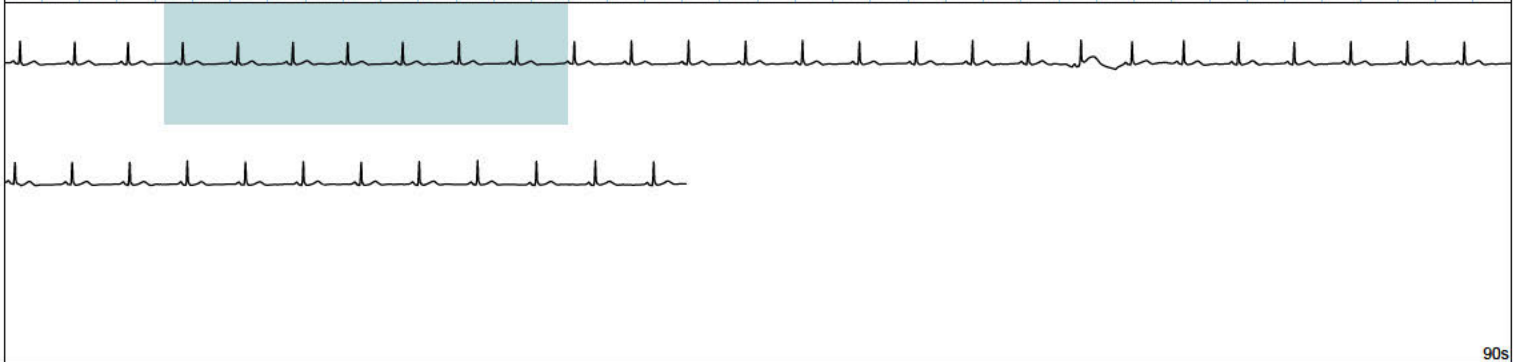
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
4	MCT	12/17/2023 12:00:01 AM PST			63 bpm

NSR



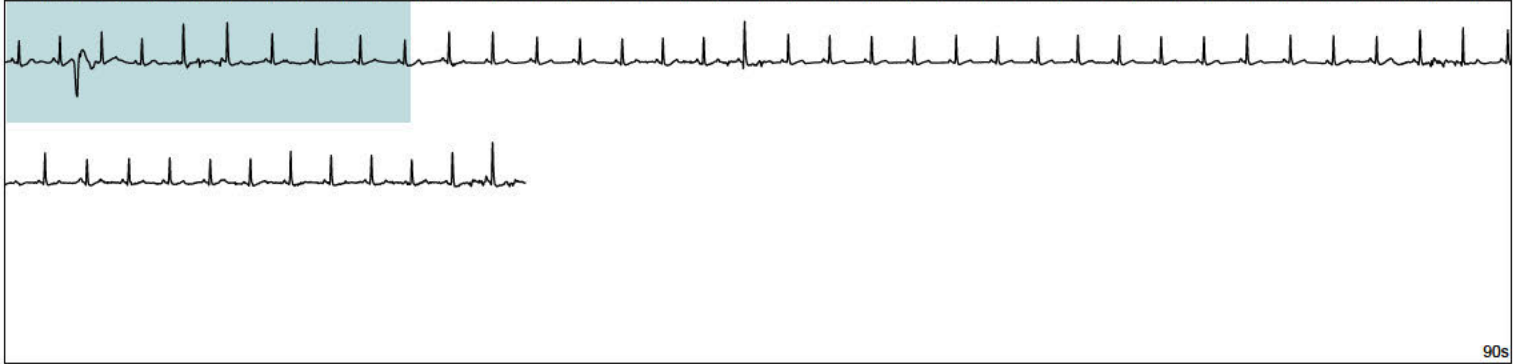
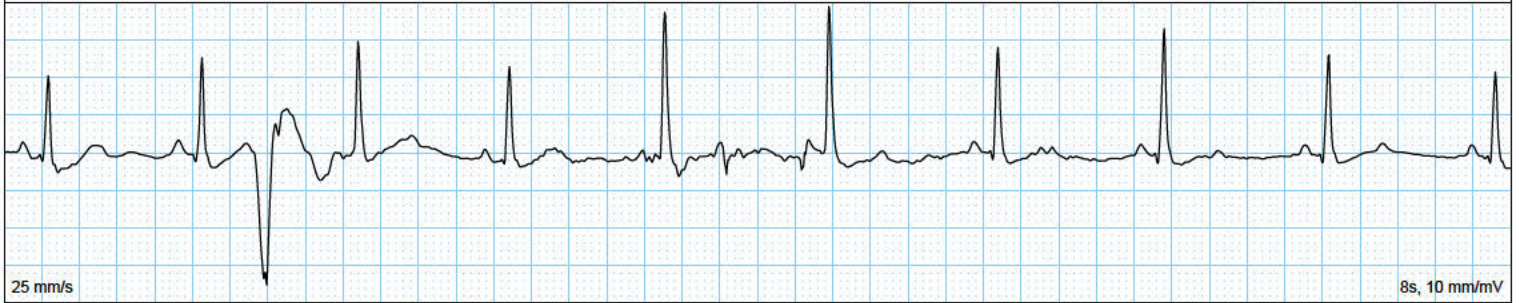
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
4	MCT	12/17/2023 2:58:36 AM PST			54 bpm

Sinus Bradycardia



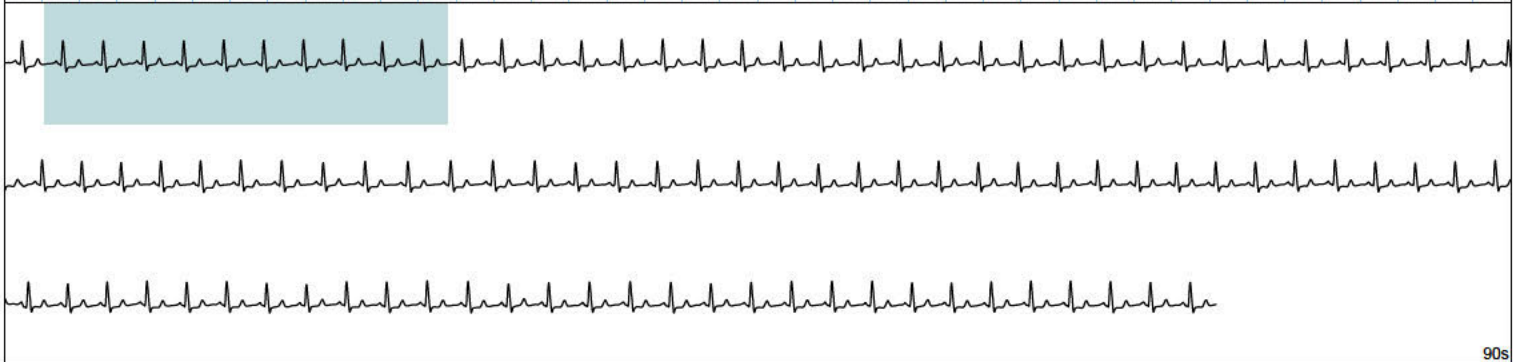
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
4	MCT	12/17/2023 12:16:23 PM PST			79 bpm

NSR with PVC



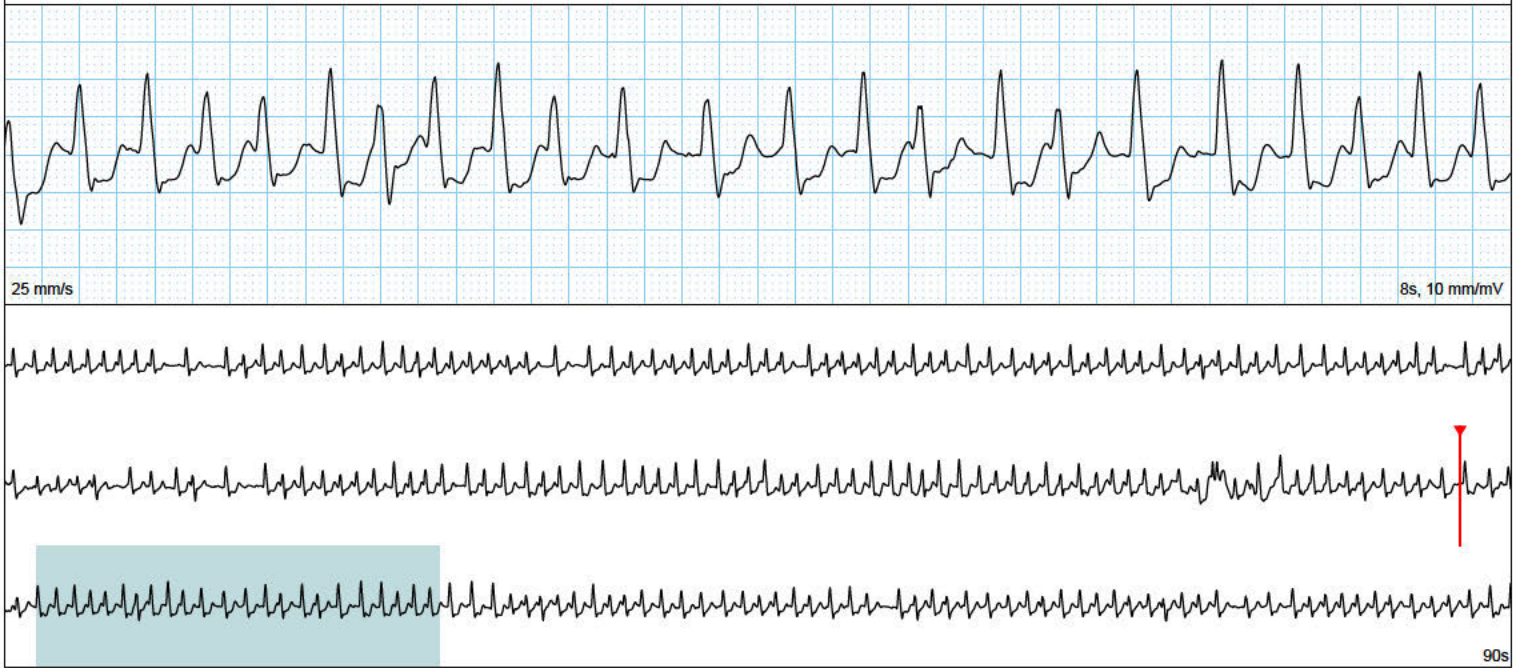
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
5	MCT	12/18/2023 12:21:56 AM PST			76 bpm

Sinus Rhythm



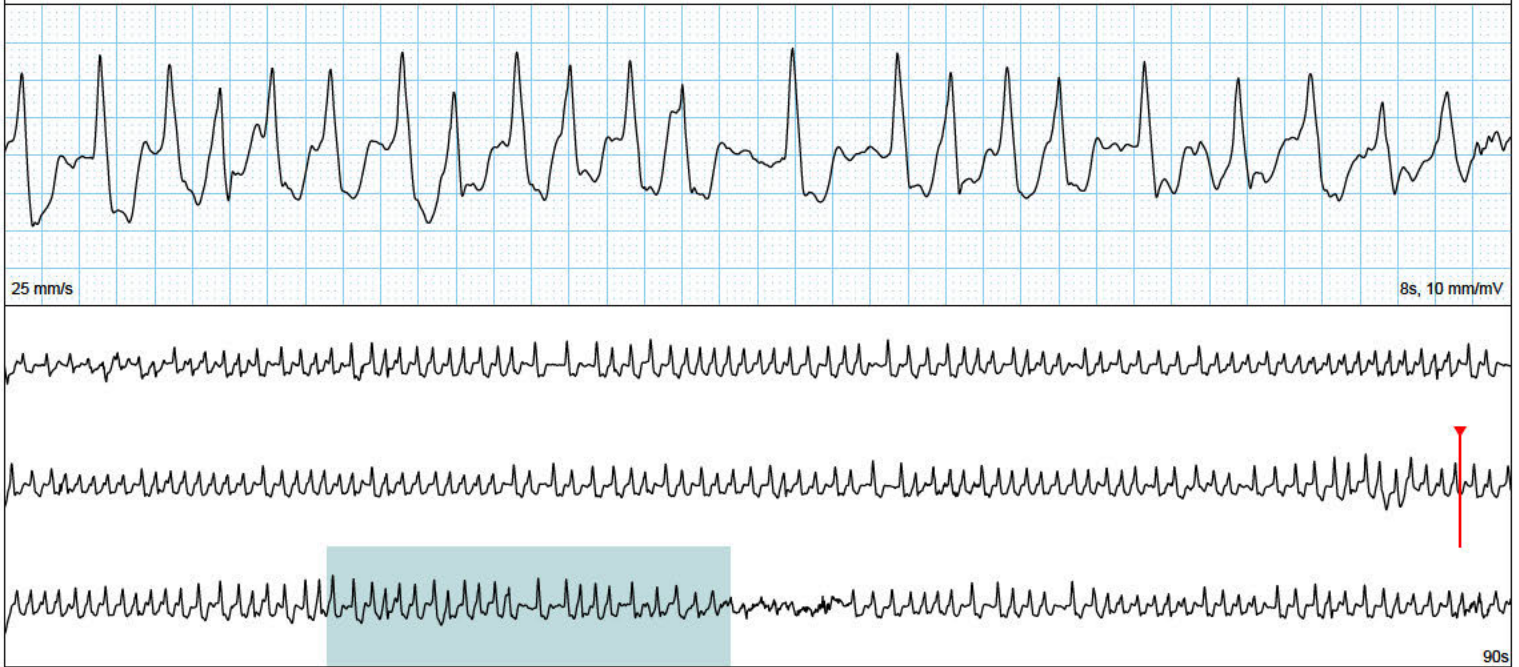
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
5	Auto	12/18/2023 12:26:03 AM PST	Auto Triggered Event		168-183 bpm

Ventricular Tachycardia



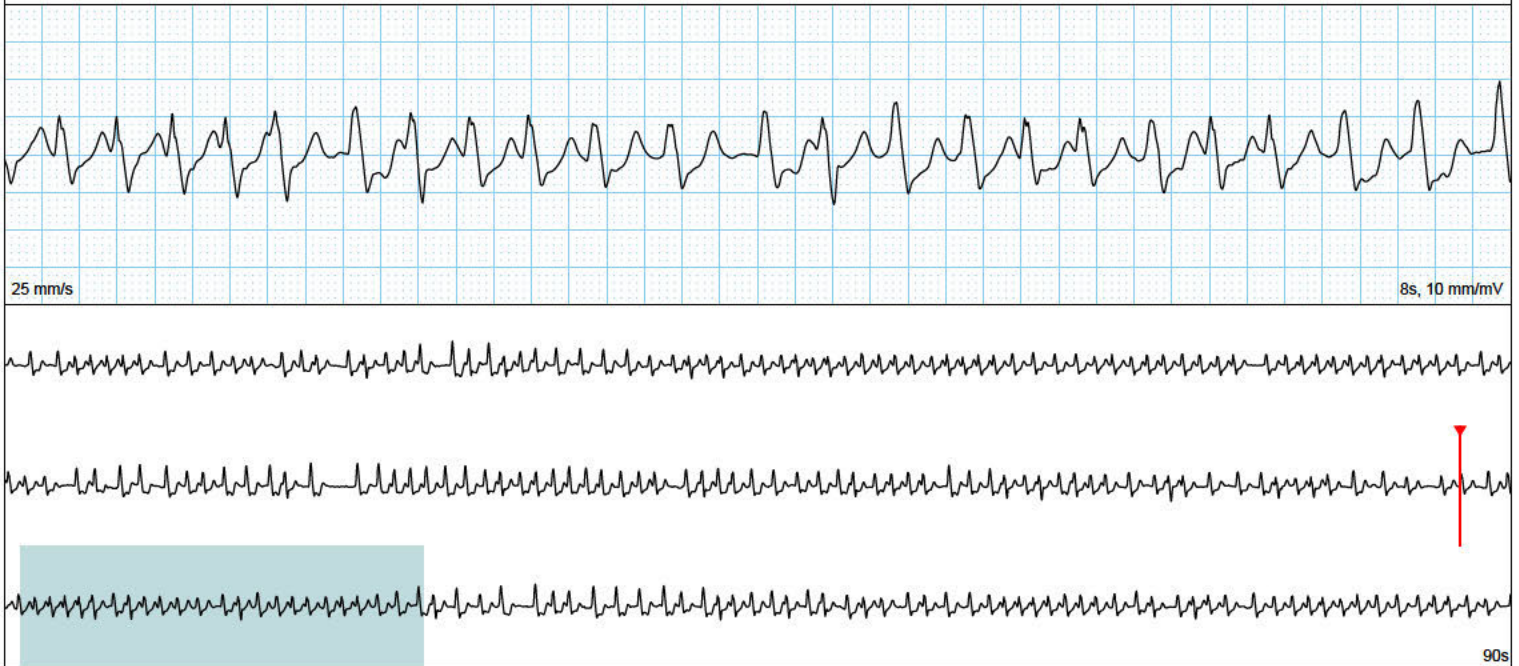
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
5	Auto	12/18/2023 12:31:21 AM PST	Auto Triggered Event		188-202 bpm

Ventricular Tachycardia



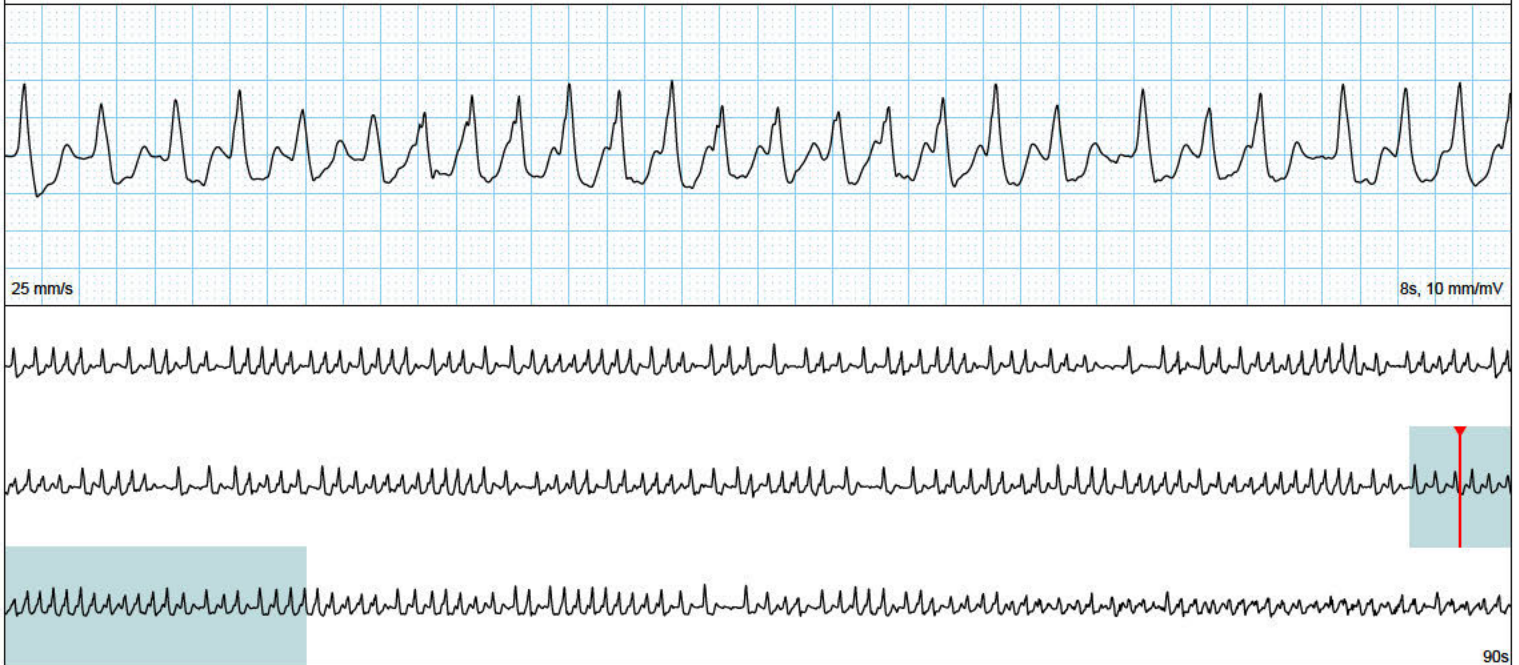
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
5	Auto	12/18/2023 12:51:57 AM PST	Auto Triggered Event		176-189 bpm

Ventricular Tachycardia



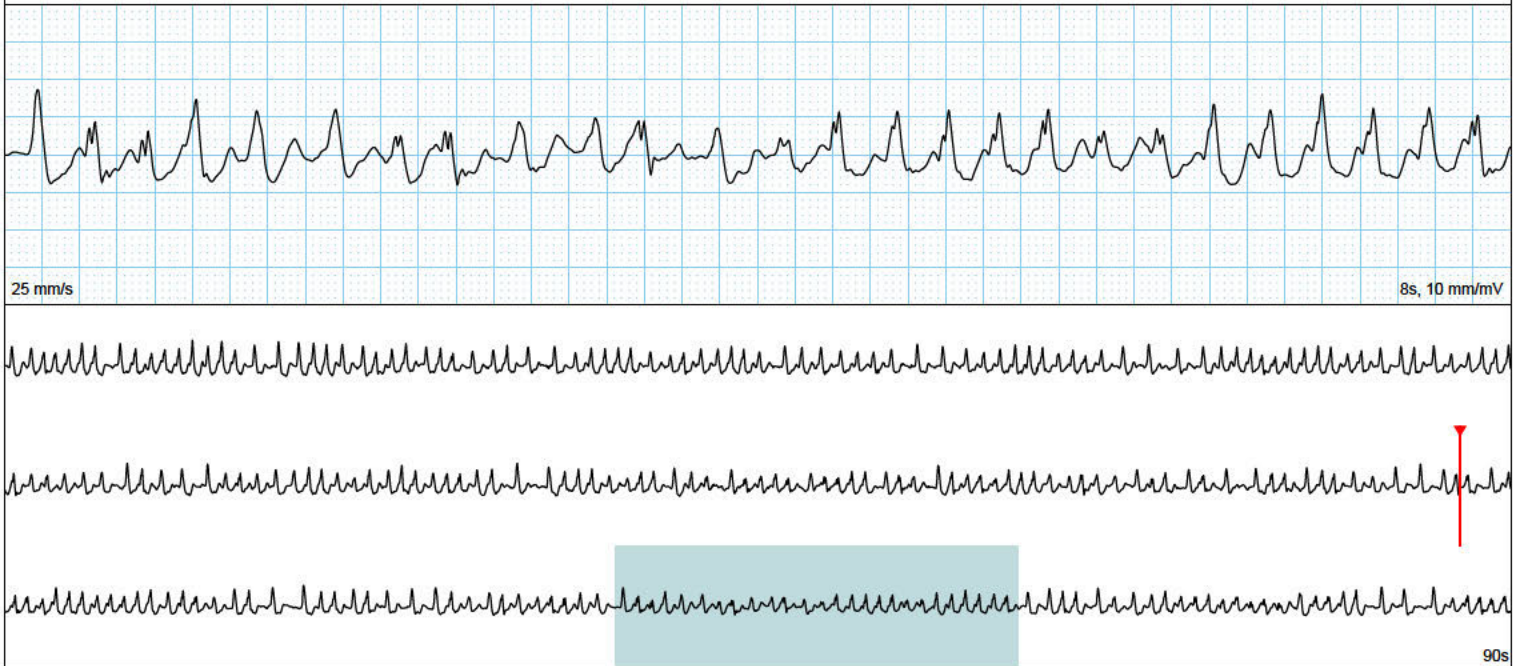
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
5	Auto	12/18/2023 1:29:50 AM PST	Auto Triggered Event		189-221 bpm

Ventricular Tachycardia



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
5	Auto	12/18/2023 1:46:29 AM PST	Auto Triggered Event		189-222 bpm

Ventricular Tachycardia



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
5	Auto	12/18/2023 1:54:49 AM PST	Auto Triggered Event		185-212 bpm

Ventricular Tachycardia



### Sample Strips

