

Patient Information

Name: **Joseph G Sample (M)**
 DOB: 4/6/1961, (61 years)
 ID: 511000 MRN: 416000
 Pacemaker: ICD:

Study Information

Enrollment period: 10/20/2021 - 10/27/2021 (7 days)
 Analysis duration: 6d 14h (after artifact removed)
 Indications: Paroxysmal atrial fibrillation

Physician Information

Ordering: HOWARD SAMPLE, MD
 Reading:
 Location: Cardiology Consultants

Patient Events

Symptomatic: **23**
 Auto-Triggered:
 Notified: **1**

Heart Rate Summary

	Overall	Sinus
Fastest:	157 bpm 05:43:13 D2	93 bpm 19:05:30 D1
Slowest:	46 bpm 21:38:59 D1	46 bpm 21:38:59 D1
Average:	82 bpm	74 bpm
Brady burden:	0h 4m 30s, (<0.1%)	
Tachy burden:	14h 38m 31s, (9.25%)	

Ectopics

	VE	SVE
Total beats:	9,691 (1.03%)	36,239 (3.85%)
Isolated:	8,235 (0.87%)	34,321 (3.65%)
Couplets:	584 (<0.1%)	926 (<0.1%)
Triplets:	86 (<0.1%)	22 (<0.1%)

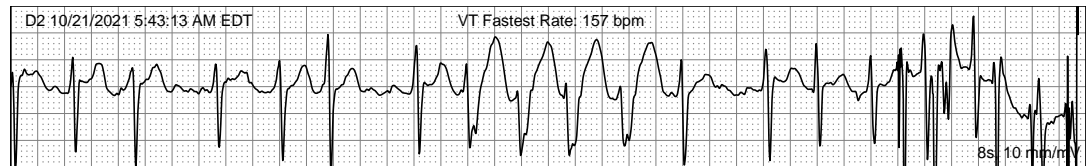
AFIB/AFL

AF burden: **2d 9h 27m** (36%)
 Longest episode: **9h 22m 5s** 08:04:24 D2
 Fastest rate: **150 bpm** 05:42:36 D2
 Slowest rate: **69 bpm** 01:16:55 D2
 Average rate: **93 bpm**



VT (4+ beats)

Number of runs: **5**
 Longest run: **5 beats** 05:42:17 D2
 Fastest run: **157 bpm** 05:43:13 D2
 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

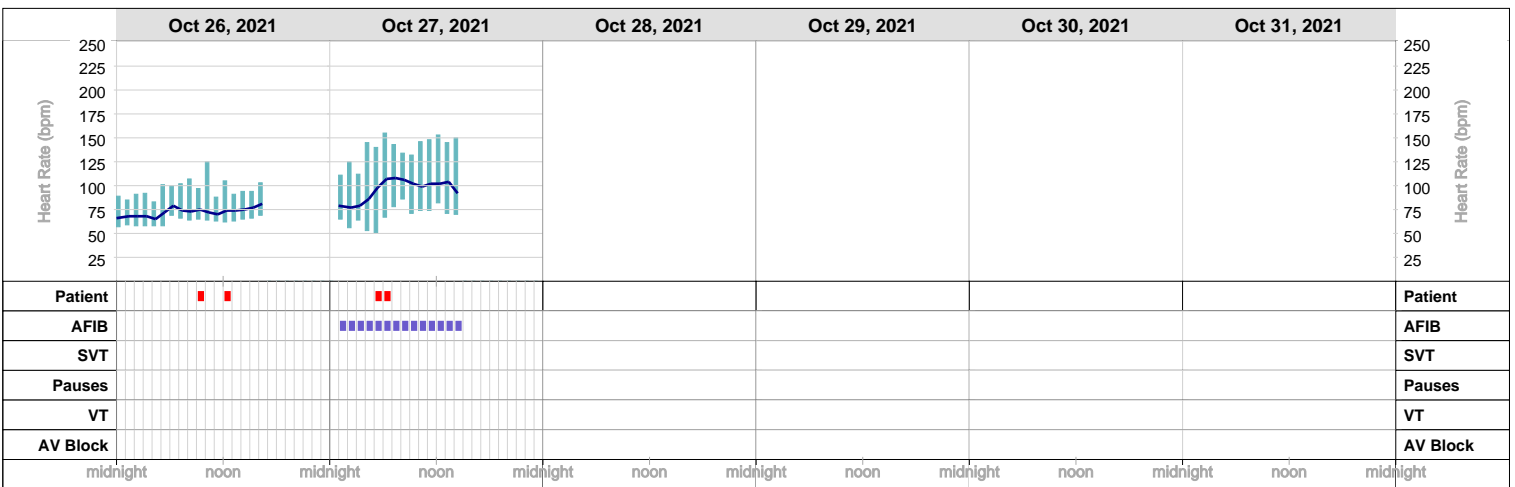
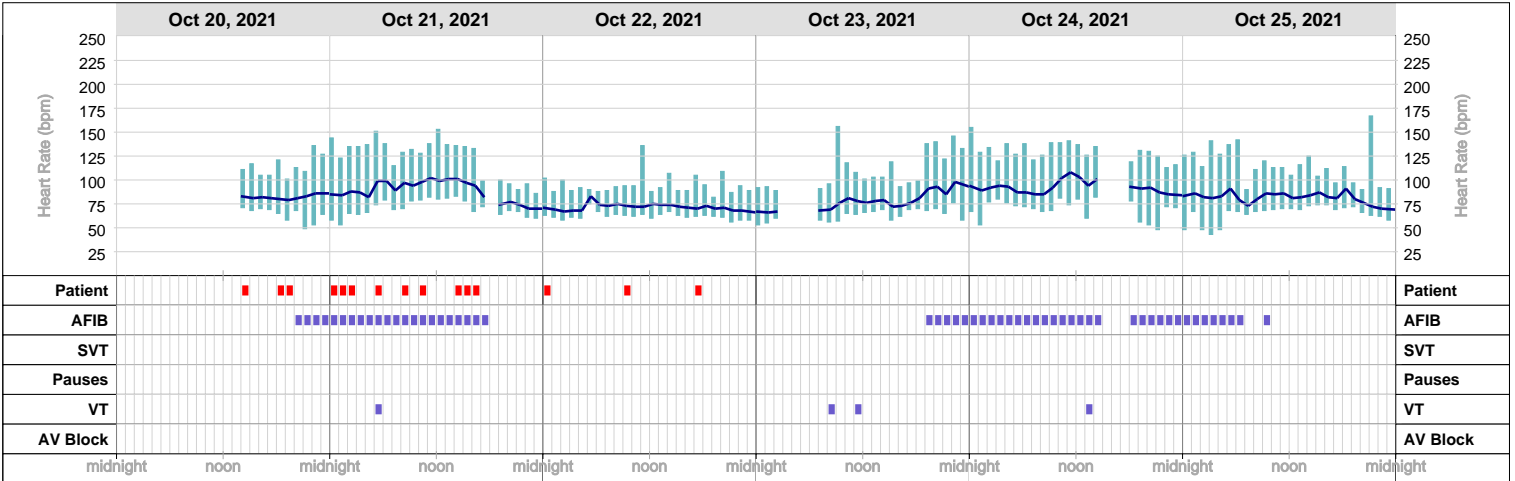
This Mobile Cardiac Telemetry Study reveals Sinus Rhythm with rates ranging from 46 bpm to 96 bpm. Atrial Fibrillation/Flutter is also shown with rates ranging from 69 bpm to 150 bpm. PACs Atrial Couplets and Atrial Runs were present. PVCs, Ventricular Couplets, Ventricular Runs and Ventricular Tachycardia are recorded.

Physician Interpretation

Signature:

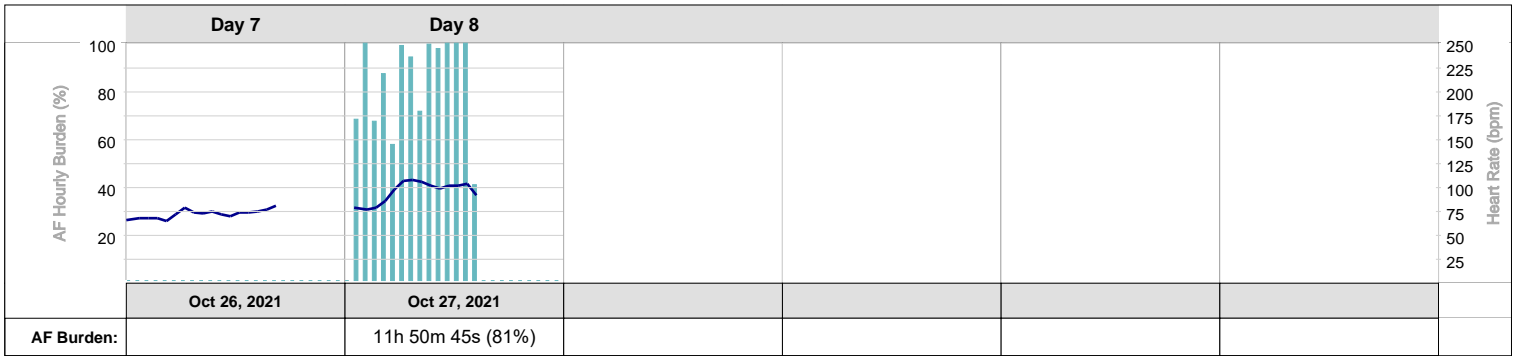
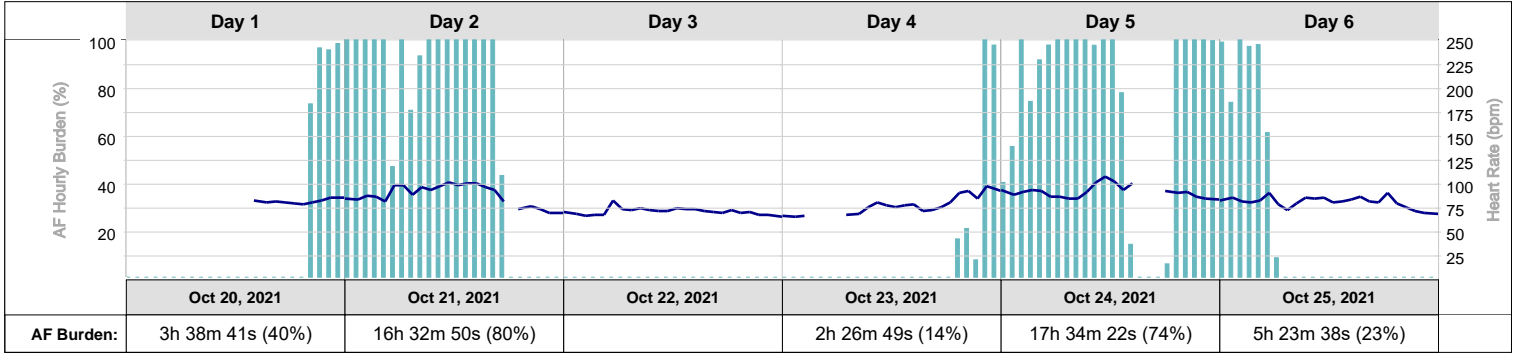
Date:

Heart Rate Trending and Event Summary



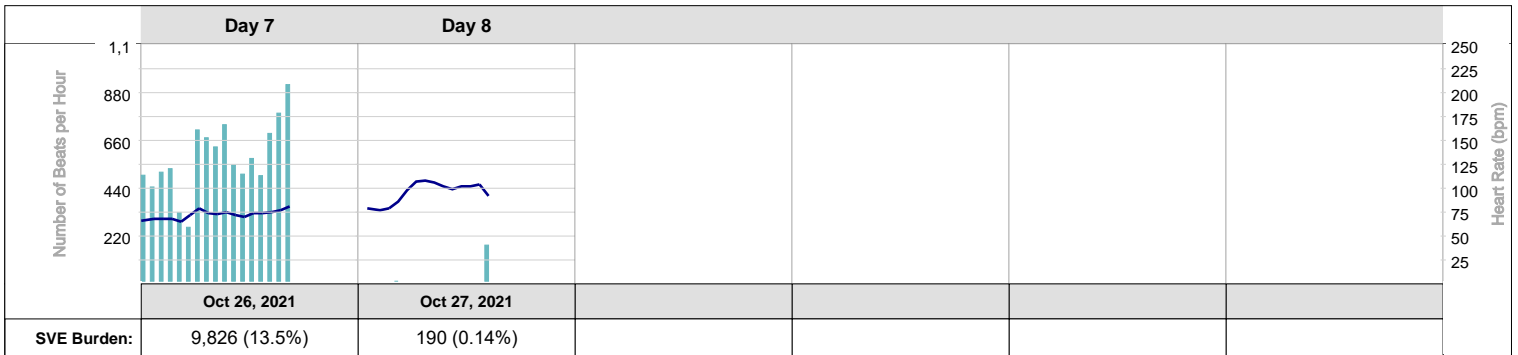
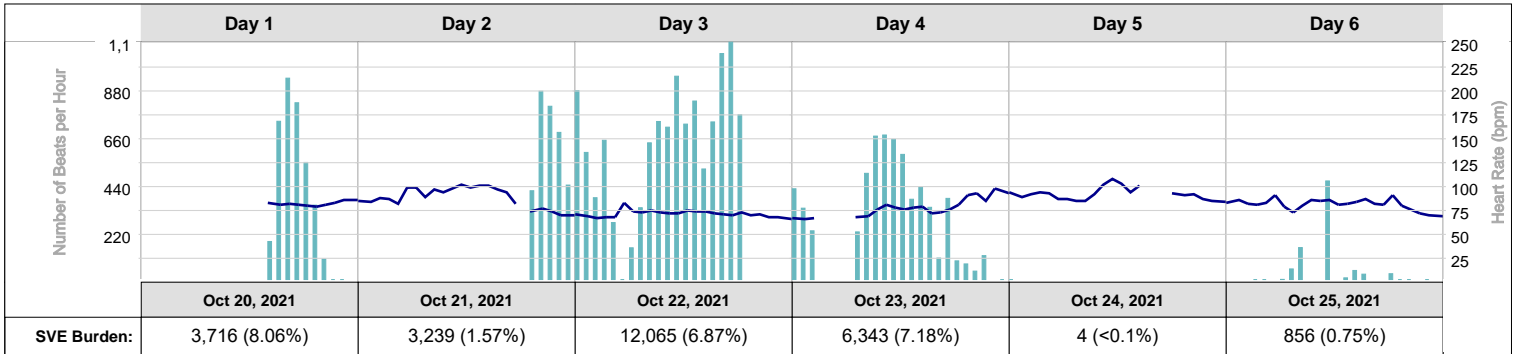
AF Burden Analysis

<p>Analyzed Time: 6d 14h 19m</p> <p>Total Time in AF: 2d 9h 27m</p> <p>Longest Episode: 9h 22m 5s, 10/21/2021 08:04:24</p> <p>Fastest: 150 bpm, 10/21/2021 05:42:36</p> <p>Slowest: 69 bpm, 10/21/2021 01:16:55</p> <p>Average: 93 bpm</p>	<p>AF Burden: 36%</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">HR Range</th> <th style="width: 20%;">Duration</th> <th style="width: 60%;">Burden</th> </tr> </thead> <tbody> <tr> <td><60 bpm:</td> <td></td> <td></td> </tr> <tr> <td>60-100 bpm:</td> <td>1d 17h 28m</td> <td style="text-align: right;">72%</td> </tr> <tr> <td>100-140 bpm:</td> <td>15h 56m 8s</td> <td style="text-align: right;">28%</td> </tr> <tr> <td>>140 bpm:</td> <td>0h 2m 20s</td> <td style="text-align: right;">< 1%</td> </tr> </tbody> </table>	HR Range	Duration	Burden	<60 bpm:			60-100 bpm:	1d 17h 28m	72%	100-140 bpm:	15h 56m 8s	28%	>140 bpm:	0h 2m 20s	< 1%
HR Range	Duration	Burden														
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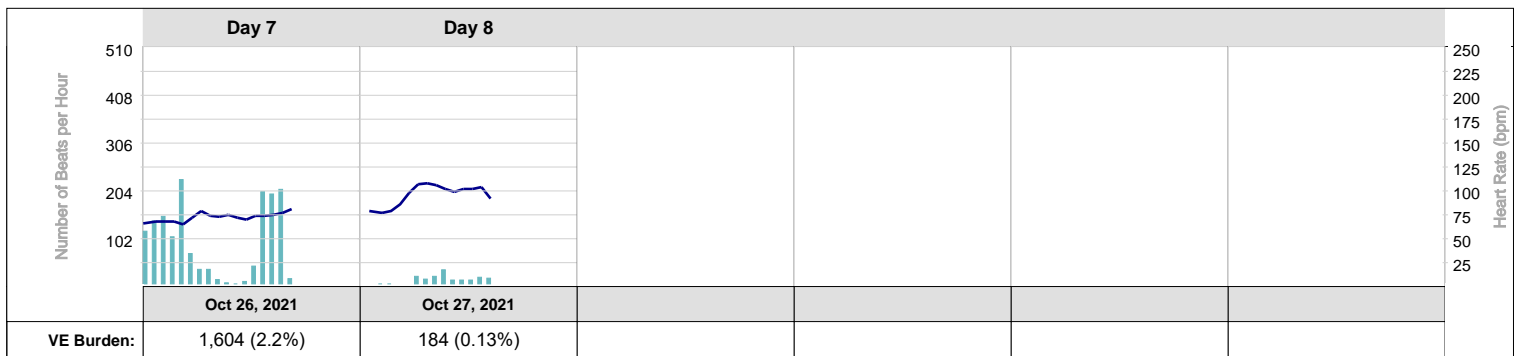
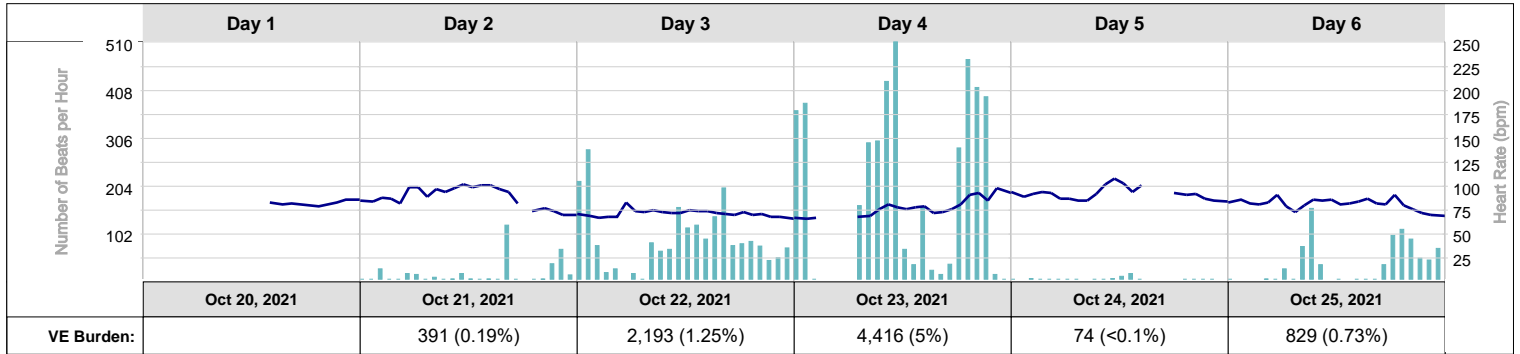
SVE Analysis

Total SVE Count:	36,239 beats (3.85%)
Isolated:	34,321 beats (3.65%)
Couplets:	926 (0.2%)
Triplets:	22 (<0.1%)



VE Analysis

Total VE Beat Count:	9,691 beats (1.03%)
Isolated:	9,077 beats (0.96%)
Couplets:	584 (0.12%)
Triplets:	86 (<0.1%)
Longest Bigeminy Episode:	00h 00m 12s, 10/23/2021 14:01:31
Longest Trigeminy Episode:	00h 00m 03s, 10/23/2021 00:19:36



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	10/20/2021	9h 17m	46 @ 21:38:59	82	125 @ 22:20:04	<1%	2%	40%	3716 8.06%					3		
2	10/21/2021	20h 49m	64 @ 23:38:48	89	157 @ 05:43:13		21%	80%	3239 1.57%	391 0.19%			12		1	
3	10/22/2021	22h 59m	62 @ 22:50:41	71	86 @ 22:25:41				12065 6.87%	2193 1.25%			4			
4	10/23/2021	18h 30m	60 @ 08:08:45	79	132 @ 19:24:09		6%	14%	6343 7.18%	4416 5%						
5	10/24/2021	24h	69 @ 00:01:58	92	136 @ 04:20:03		15%	74%	4 <0.1%	74 <0.1%						
6	10/25/2021	24h	60 @ 23:53:43	81	127 @ 05:52:33		4%	23%	856 0.75%	829 0.73%						
7	10/26/2021	24h	59 @ 05:07:18	72	92 @ 16:12:10	<1%			9826 13.5%	1604 2.2%			2			
8	10/27/2021	14h 42m	75 @ 14:30:24	96	128 @ 14:16:17		34%	81%	190 0.14%	184 0.13%			2			

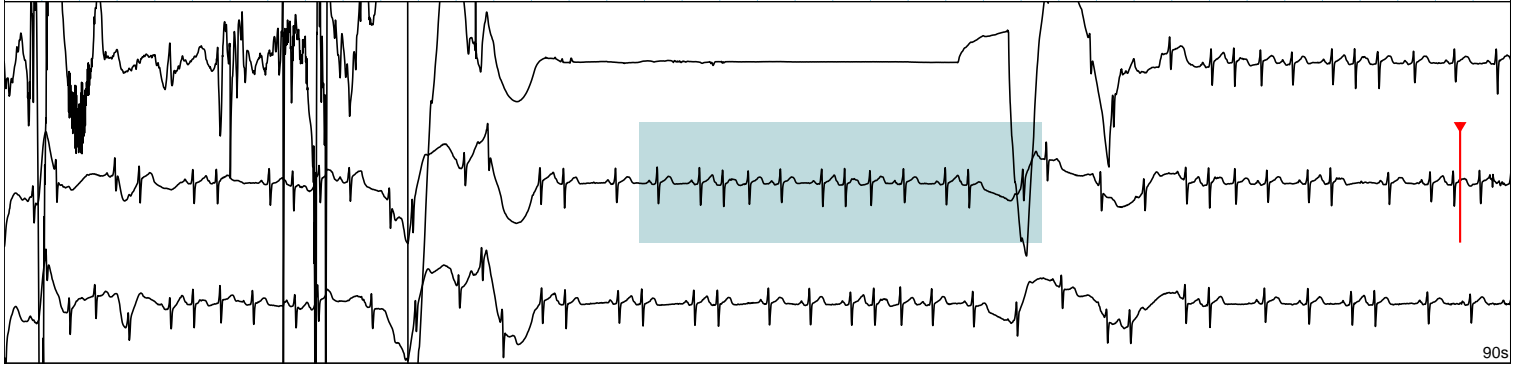
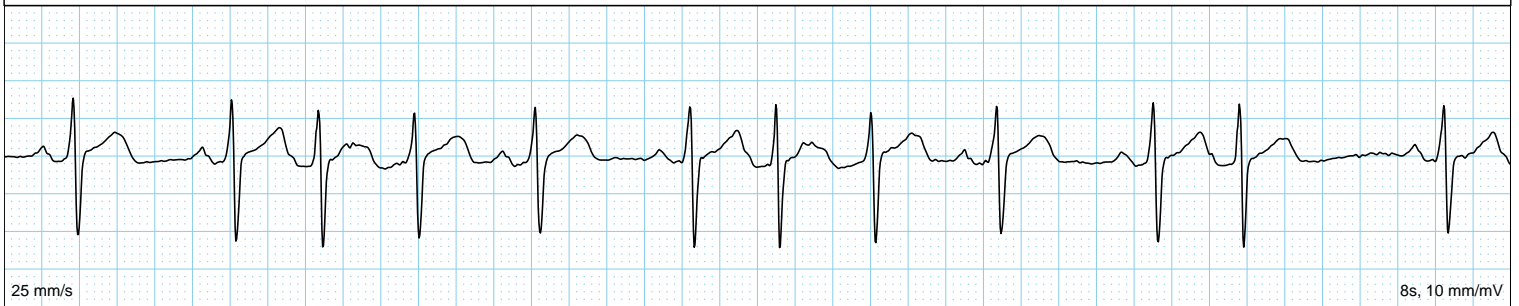
Event Log Index

Day #	Activation	Record Date	Symptoms	Activity	Observations	Heart Rate	Page
1	Patient	10/20/2021 2:44 PM EDT	Baseline	No Activity Indicated	Sinus Rhythm, Atrial Couplets, PAC	70 bpm	8
1	Patient	10/20/2021 6:17 PM EDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm, PAC	80 bpm	8
1	Patient	10/20/2021 7:40 PM EDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm , PACs, PVCs	81 bpm	9
1	MCT	10/20/2021 10:03 PM EDT	MCT - Event		Sinus Bradycardia onset Atrial Fibrillation, intermittent IVCD	50 - 119 bpm	14
2	Patient	10/21/2021 12:05 AM EDT	Urgent - Patient Activated Event	No Activity Indicated	Urgent - Atrial Flutter, Notified Dr. Sample on 10/21/21 @ 2:36 AM, EDT.	144 bpm	9
2	Patient	10/21/2021 1:28 AM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation, Sinus Beat	76 bpm	10
2	Patient	10/21/2021 2:48 AM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation	87 bpm	
2	Patient	10/21/2021 5:41 AM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation	134 bpm	10
2	MCT	10/21/2021 5:43 AM EDT	MCT Event		Atrial Fibrillation, Ventricular Tachycardia 4 beats at 158 BPM	125 bpm	14
2	Patient	10/21/2021 5:58 AM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation/Flutter	132 bpm	
2	Patient	10/21/2021 8:23 AM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation	97 bpm	
2	Patient	10/21/2021 10:10 AM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation/Flutter	96 bpm	11
2	Patient	10/21/2021 10:20 AM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation	124 bpm	
2	Patient	10/21/2021 2:05 PM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation/Flutter	115 bpm	
2	Patient	10/21/2021 3:42 PM EDT	Patient Activated Event	No Activity Indicated	Atrial Flutter	88 bpm	
2	Patient	10/21/2021 4:17 PM EDT	Patient Activated Event	No Activity Indicated	Atrial Flutter	99 bpm	
2	Patient	10/21/2021 4:19 PM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation	97 bpm	
2	MCT	10/21/2021 10:13 PM EDT	MCT - Event		Sinus Rhythm, PAC, Ventricular Run	70 bpm	15
3	Patient	10/22/2021 12:23 AM EDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm, PACs	69 bpm	
3	Patient	10/22/2021 12:28 AM EDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm, Atrial Couplet, PAC	87 bpm	11
3	Patient	10/22/2021 9:32 AM EDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm, PACs	75 bpm	12
3	Patient	10/22/2021 5:15 PM EDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm, PACs	63 bpm	
7	Patient	10/26/2021 9:05 AM EDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm, PACs	80 bpm	
7	Patient	10/26/2021 12:06 PM EDT	Patient Activated Event	No Activity Indicated	Sinus Rhythm, PAC's	75 bpm	
8	Patient	10/27/2021 5:04 AM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation	111 bpm	12
8	Patient	10/27/2021 6:34 AM EDT	Patient Activated Event	No Activity Indicated	Atrial Fibrillation/Flutter	106 bpm	13

Patient Initiated Event Strips

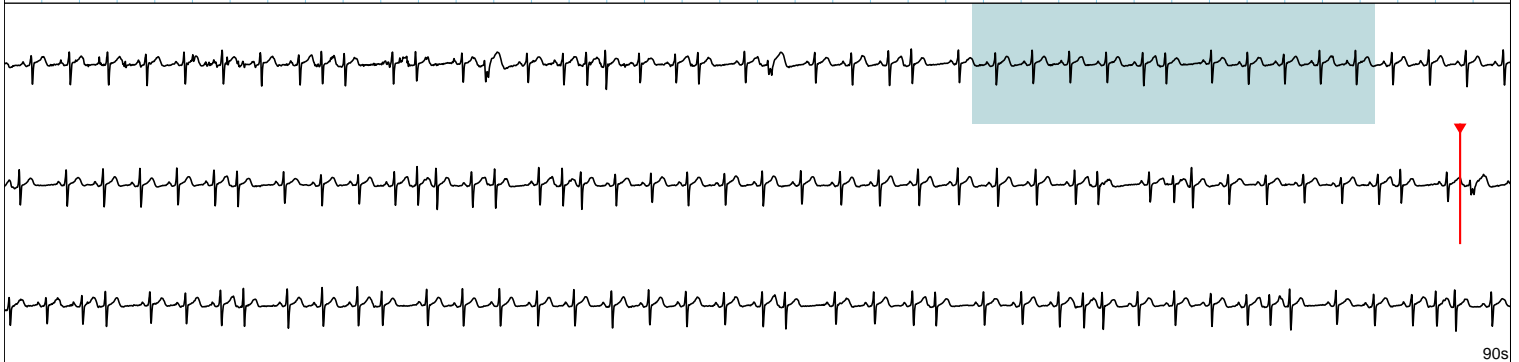
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	Patient	10/20/2021 2:44:02 PM EDT	Baseline	No Activity Indicated	71 bpm

Sinus Rhythm, Atrial Couplets, PAC



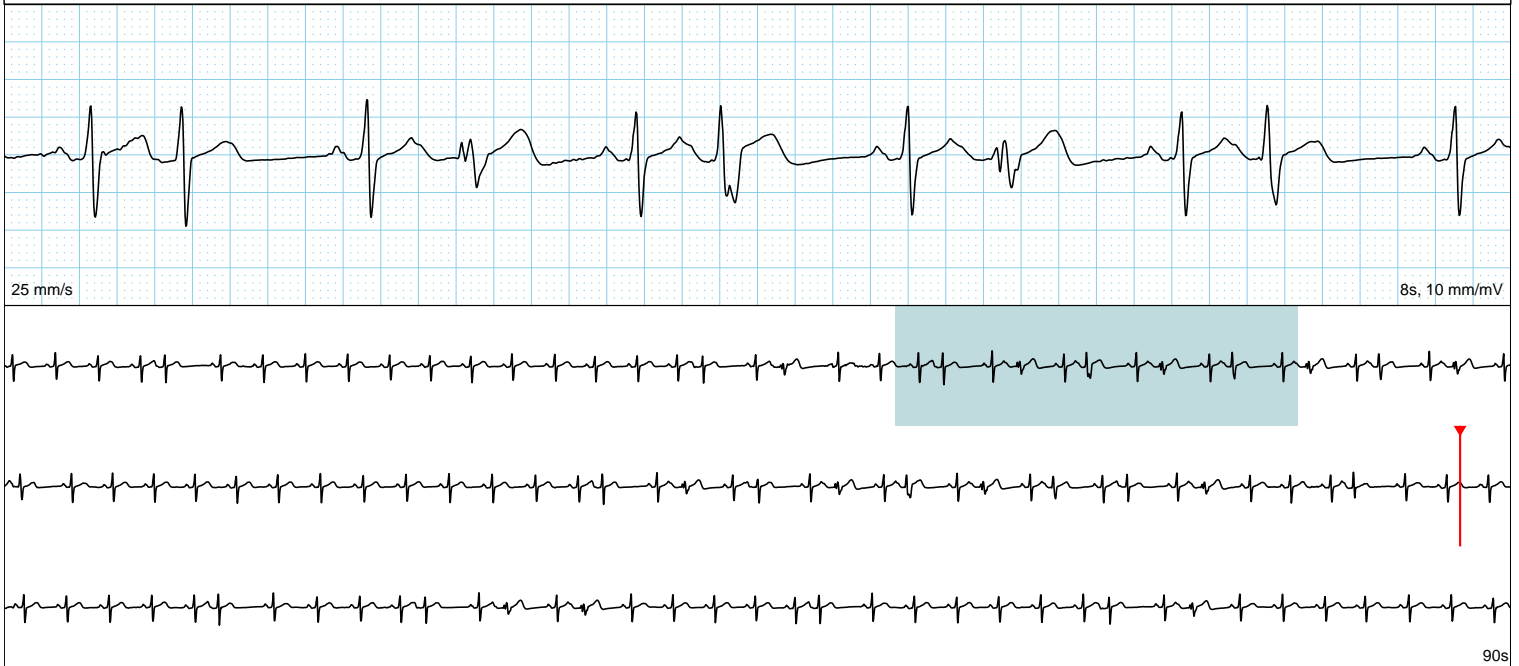
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	Patient	10/20/2021 6:17:31 PM EDT	Patient Activated Event	No Activity Indicated	80 bpm

Sinus Rhythm, PAC



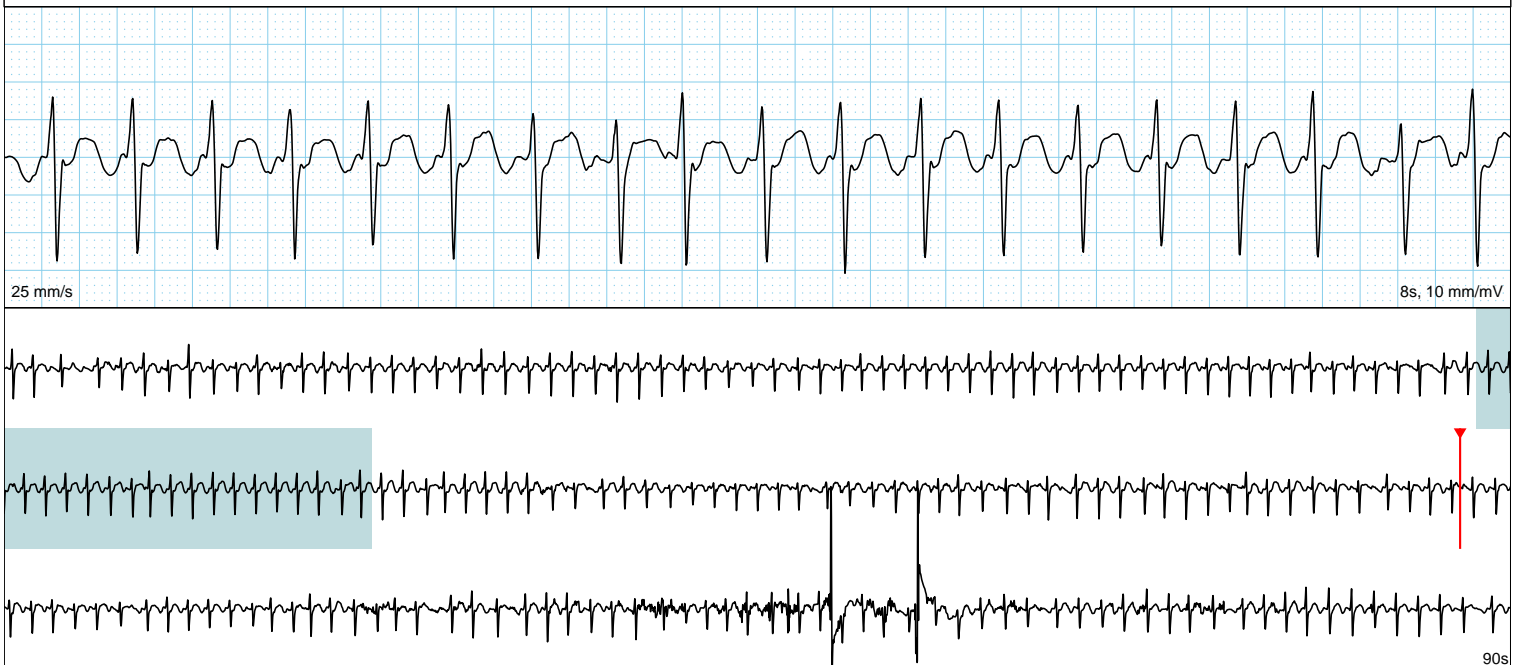
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	Patient	10/20/2021 7:40:46 PM EDT	Patient Activated Event	No Activity Indicated	81 bpm

Sinus Rhythm , PACs, PVCs



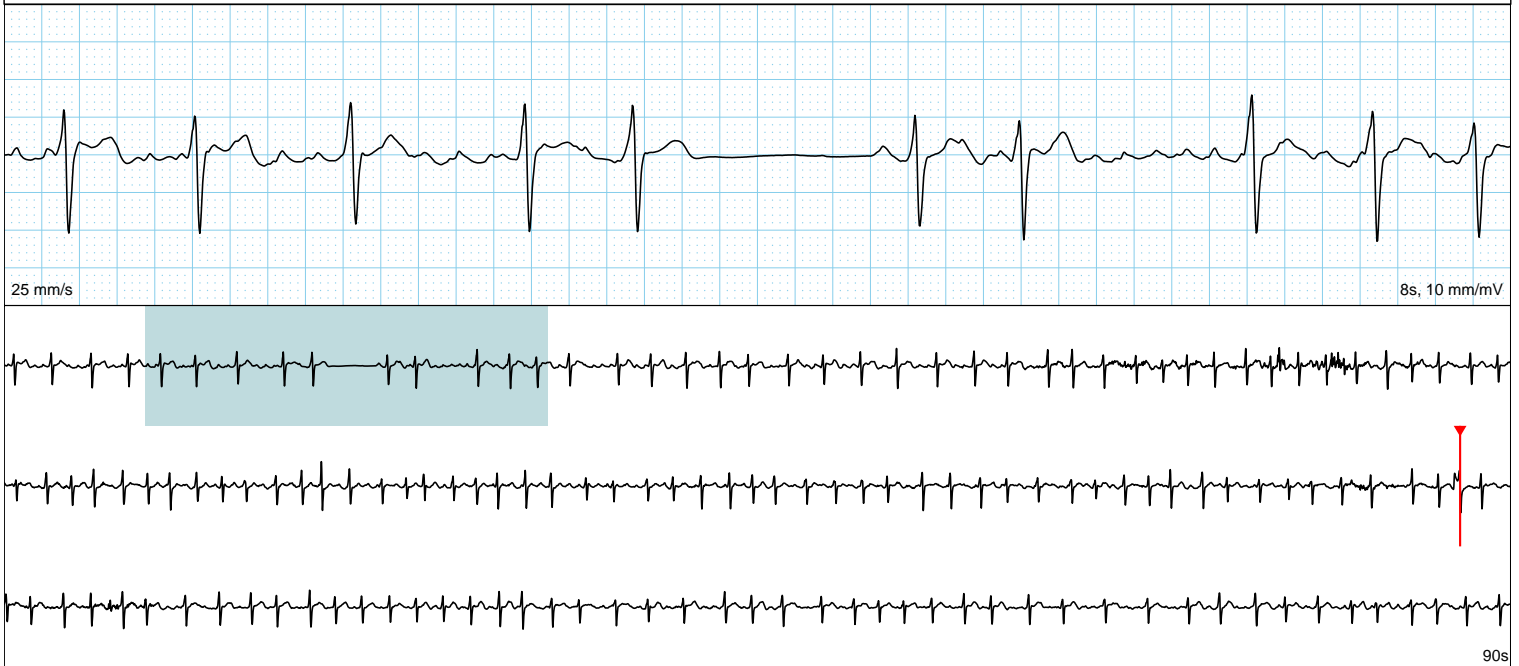
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	10/21/2021 12:05:33 AM EDT	Urgent - Patient Activated Event	No Activity Indicated	144 bpm

Urgent - Atrial Flutter, Notified Dr. Sample on 10/21/21 @ 2:36 AM, EDT.



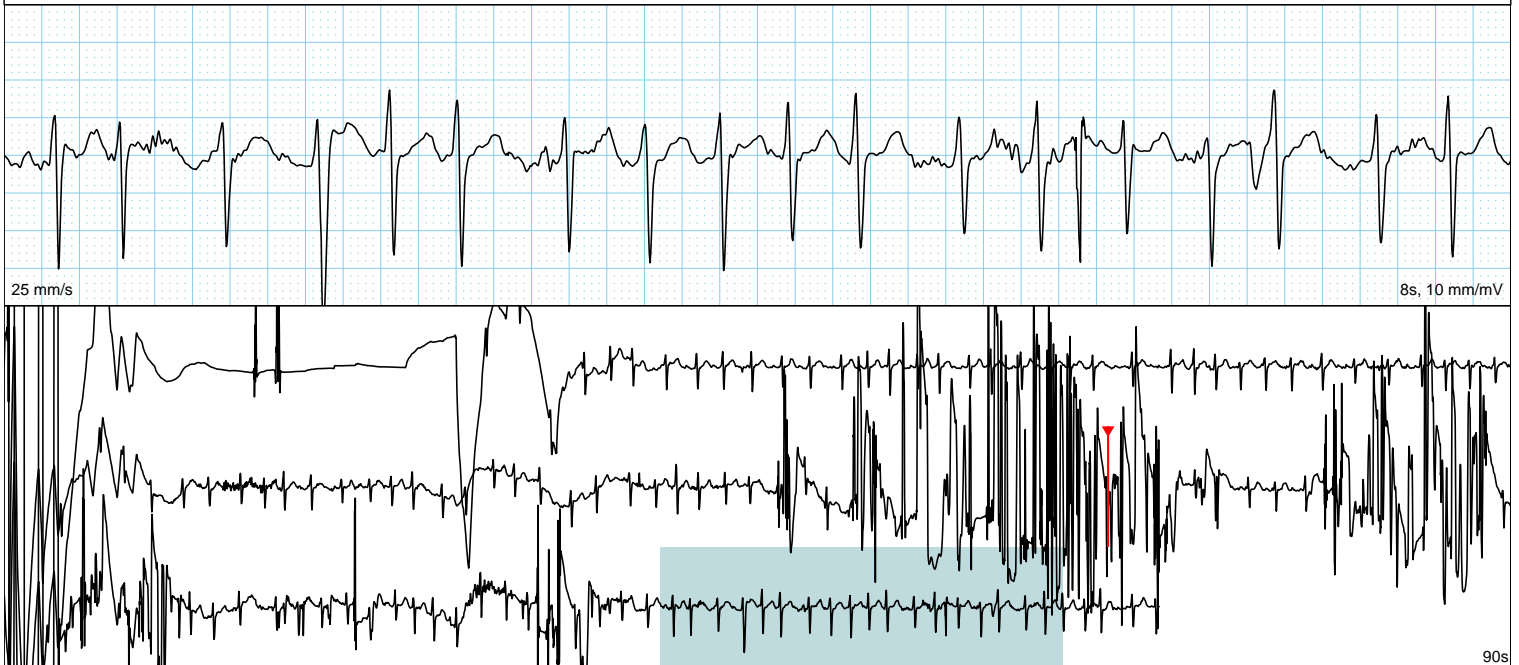
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	10/21/2021 1:28:09 AM EDT	Patient Activated Event	No Activity Indicated	76 bpm

Atrial Fibrillation, Sinus Beat



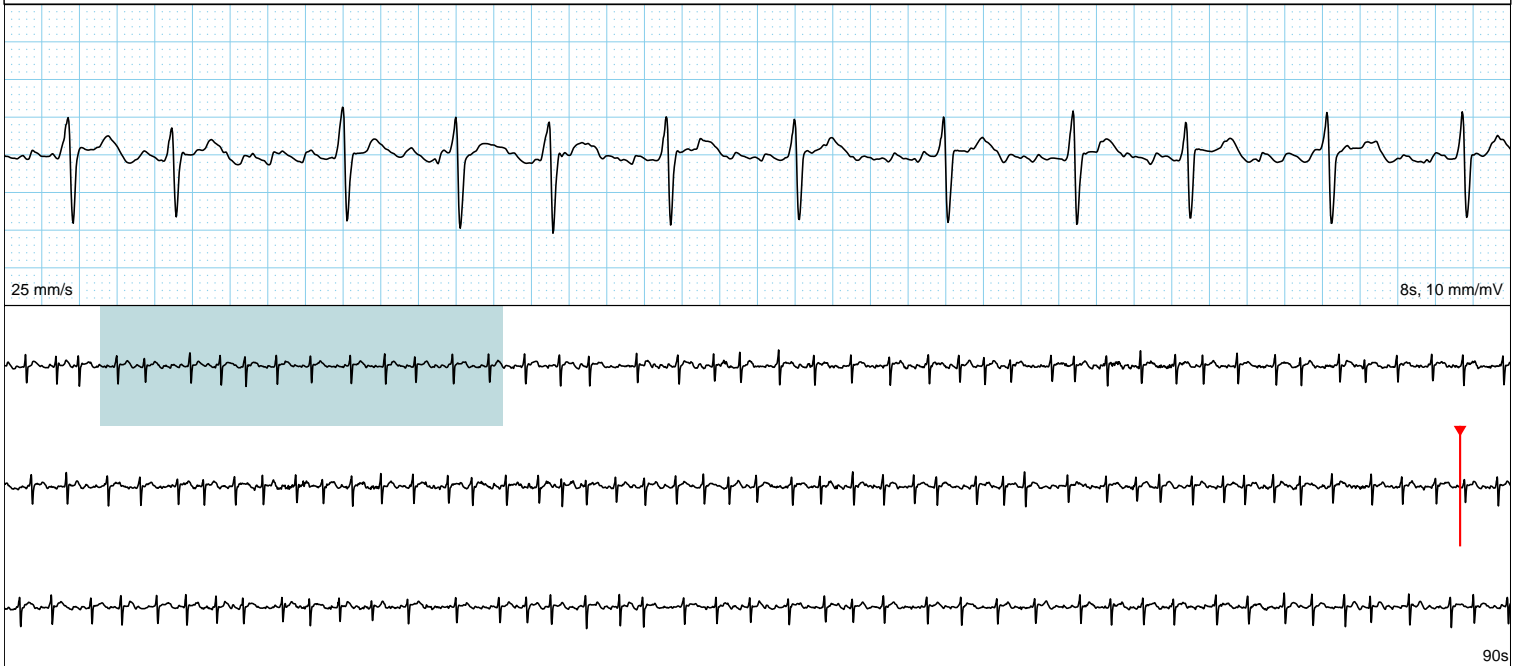
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	10/21/2021 5:41:46 AM EDT	Patient Activated Event	No Activity Indicated	134 bpm

Atrial Fibrillation



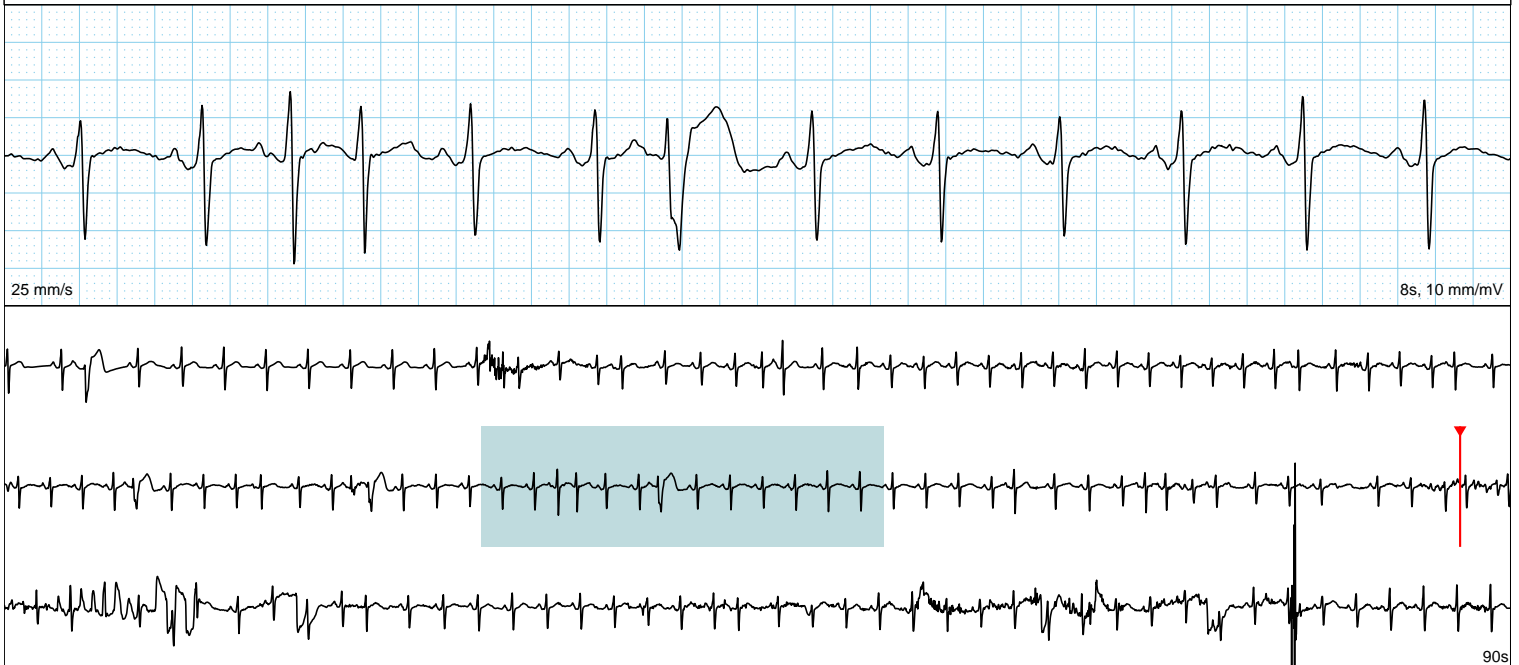
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	Patient	10/21/2021 10:10:15 AM EDT	Patient Activated Event	No Activity Indicated	96 bpm

Atrial Fibrillation/Flutter



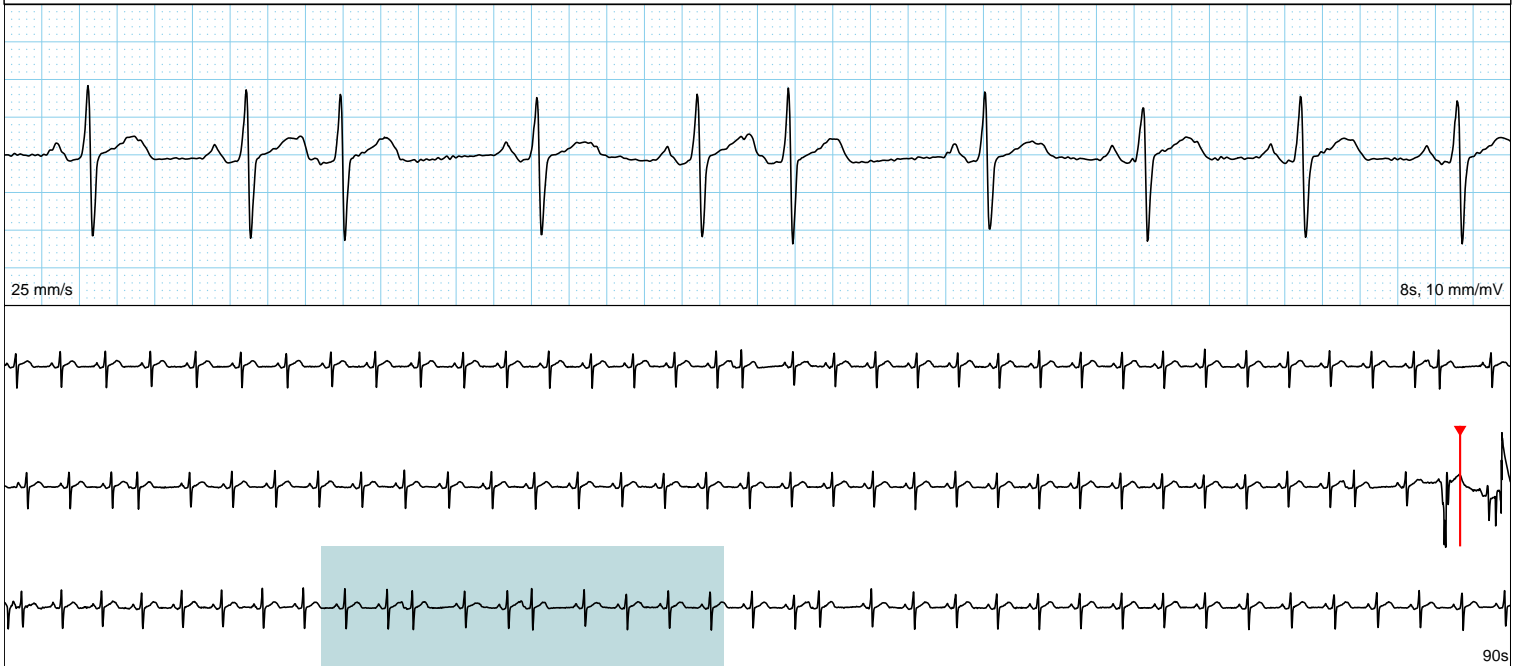
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
3	Patient	10/22/2021 12:28:04 AM EDT	Patient Activated Event	No Activity Indicated	87 bpm

Sinus Rhythm, Atrial Couplet, PAC



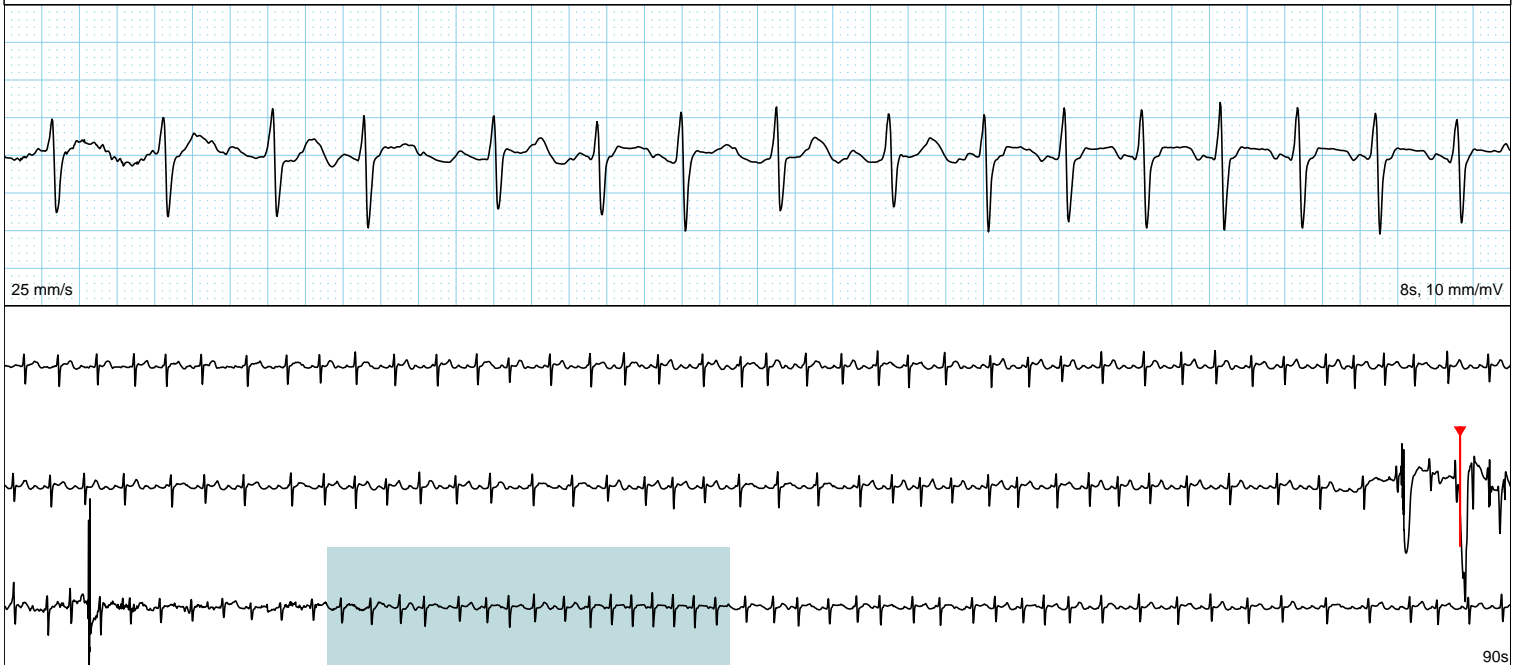
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3	Patient	10/22/2021 9:32:20 AM EDT	Patient Activated Event	No Activity Indicated	75 bpm

Sinus Rhythm, PACs



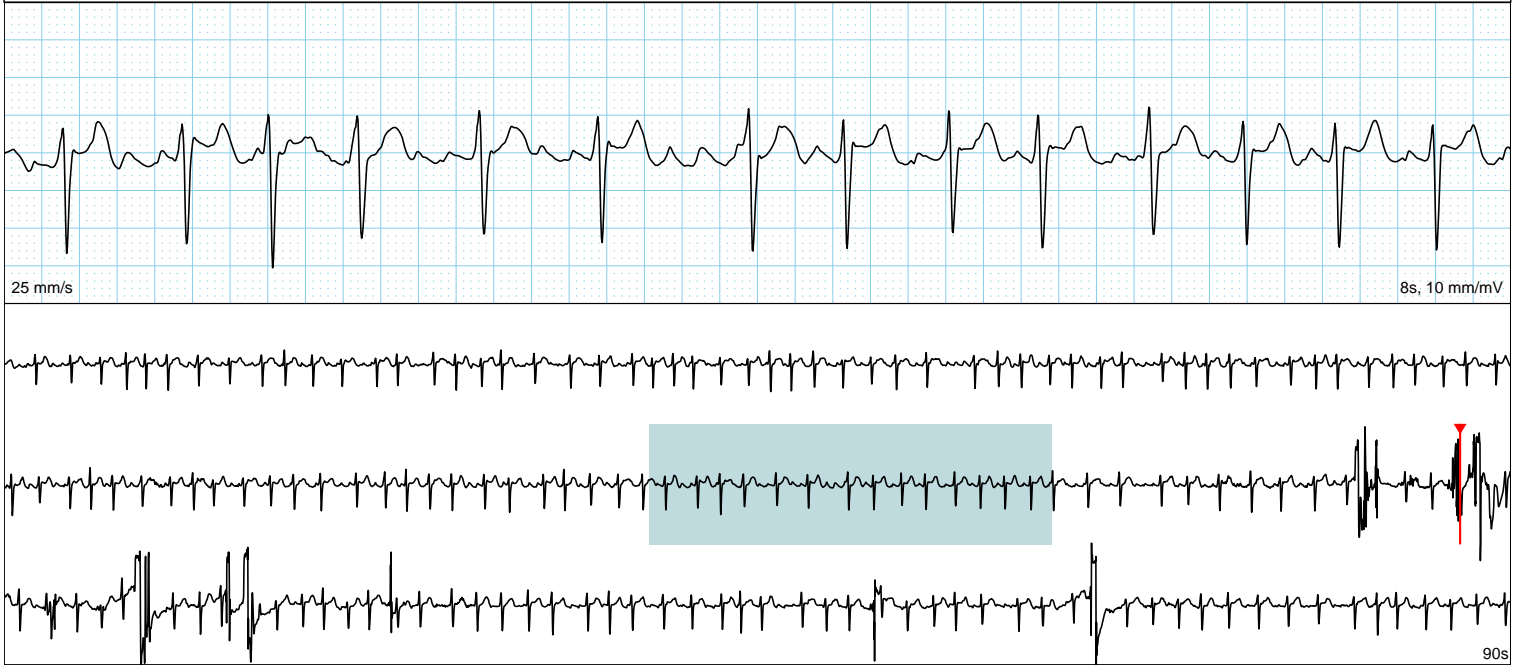
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
8	Patient	10/27/2021 5:04:48 AM EDT	Patient Activated Event	No Activity Indicated	111 bpm

Atrial Fibrillation



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
8	Patient	10/27/2021 6:34:00 AM EDT	Patient Activated Event	No Activity Indicated	106 bpm

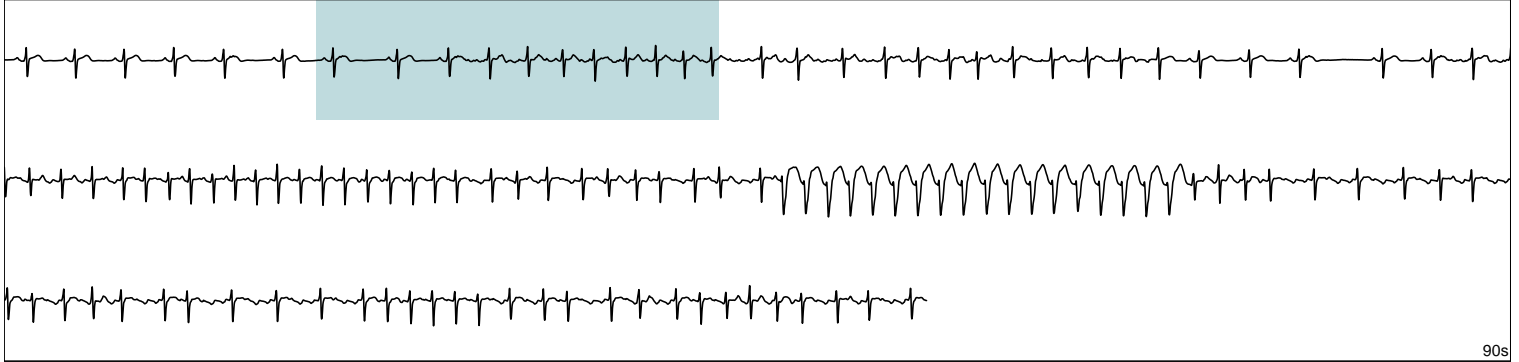
Atrial Fibrillation/Flutter



Event Strips (not Patient Initiated)

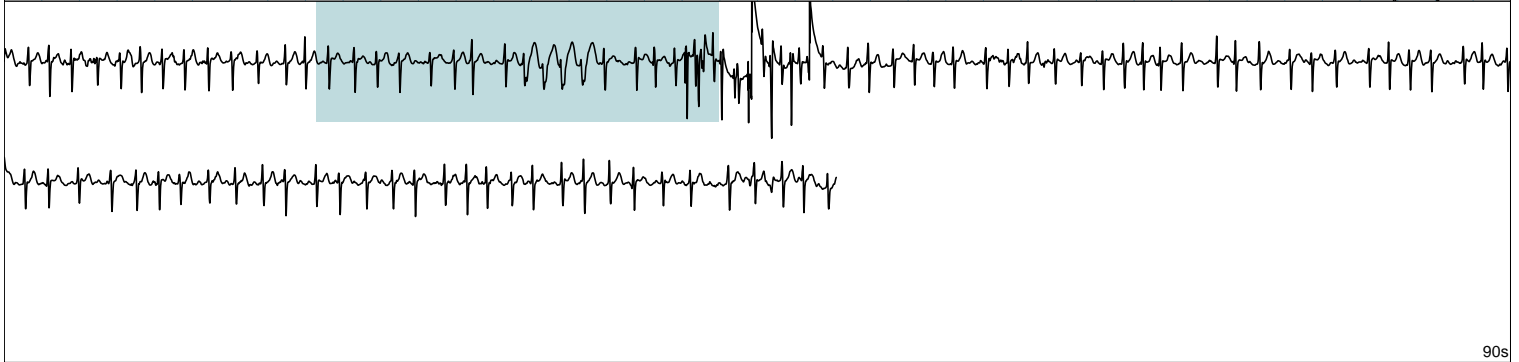
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
1	MCT	10/20/2021 10:03:41 PM EDT	MCT - Event		50-119 bpm

Sinus Bradycardia onset Atrial Fibrillation, intermittent IVCD



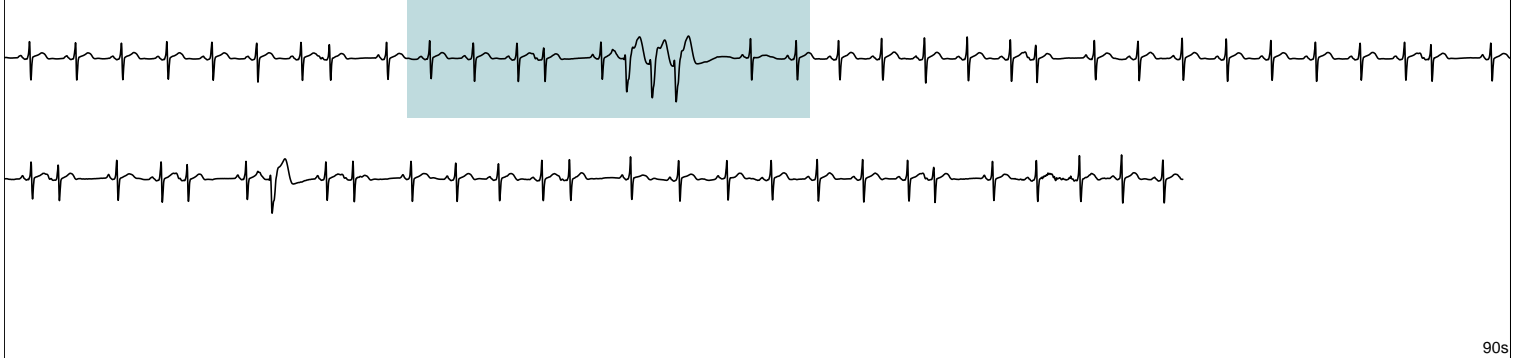
Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	MCT	10/21/2021 5:43:06 AM EDT	MCT Event		125 bpm

Atrial Fibrillation, Ventricular Tachycardia 4 beats at 158 BPM



Day #	Activation	Recorded	Symptoms	Activity	Heart Rate
2	MCT	10/21/2021 10:13:54 PM EDT	MCT - Event		70 bpm

Sinus Rhythm, PAC, Ventricular Run



Sample Strips

