

Name: **ALENAZI, HALIMA**

Date of Birth: **11/17/1963**

Date: **8/13/2020**

ID number: **5311693**

Gender: **F**

Channel: **1+2**

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Clinic:
Cardiology

Holter Report

Start of recording: 8:50 AM
Duration: 24:00 hours
Indication:
Hookup Date: 8/13/2020
Hookup Time: 8:50 AM

Analyzer Name:
Hook-up Technician: 133
Referring Physician:
Location: 13) HOLTER LAB
Serial Number: 391 19 16187

General

142013 QRS complexes
3605 Ventricular beats (2.54%)
0 Supraventricular beats (0.00%)
3 % of total time classified as noise

Heart Rates

74.13 Minimum HR at 3:37 PM
102 Average
136.78 MAX HR at 9:36 AM

0 Atrial Fibrillation Episodes

0 Beats in Bradycardia (<50 bpm)
totaling 0 beats, 0% total; duration
0.00

0 AFib duration minutes (0.00%)

1.21 Seconds Max R-R at 2:03 PM

Ventriculars

2016 Isolated PVC
1489 Other ventricular beats
50 Couplets
0 Triplets

Supraventriculars

0 Isolated
n/a Couplets
0 Runs totaling (4 beats)
Beats longest run at ; duration

0 Bigeminal cycles

Beats fastest run at ; duration

0 Runs (4 beats)

Interpretation

The recorder was hooked up at 8:50 AM on 8/13/2020.

During the 24:00 hours recording duration, a total number of 142013 QRS complexes was detected. The average heart rate was 102 bpm. The minimum heart rate was 82 bpm at 3:37 PM, the maximum heart rate was 130 bpm at 9:36 AM.

No episodes of bradycardia were detected.

No pauses >2.00 s were detected.

No episodes of SVE tachycardia were detected.

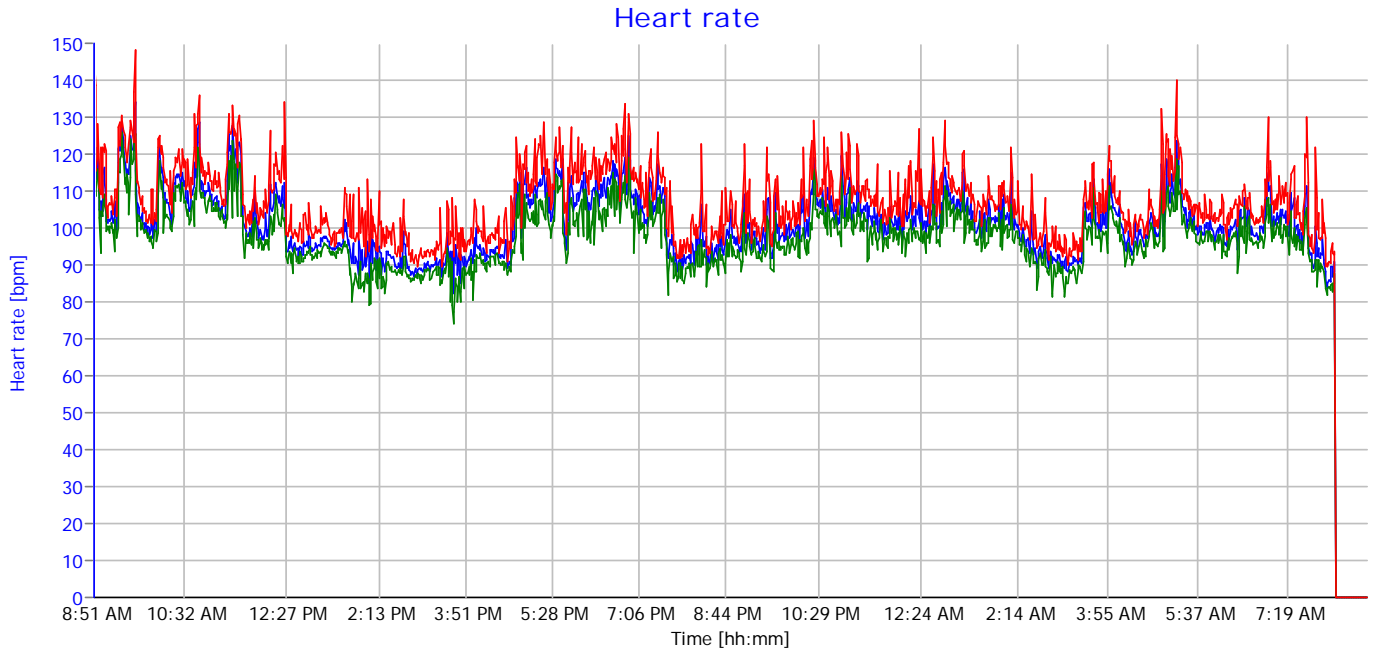
Approximately 2.54% of the total beats were Ventricular beats, distributed in 1489 other Ventriculars, 2016 Ventricular ectopics (equals 1.42 % of the total beats), 50 Couplets.

8/16/2020

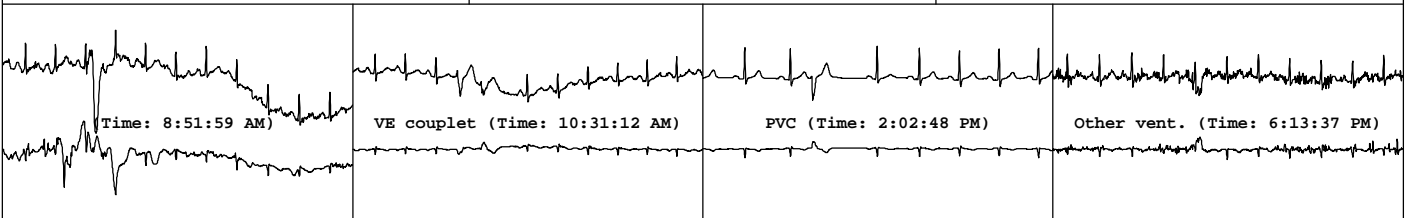
1. The patient was monitored for 24 hours. Artifacts during recording 3 %.

2. The predominant rhythm was sinus tachycardia rhythm with a minimum heart rate of 82 beats per minute and the maximum heart rate of 130 beats per minute and a mean heart rate of 102 beats per minute (Bradycardia % , Tachycardia %)
3. There were rare premature atrial contractions seen. No supraventricular run(s) seen (PACs <1 %).
4. There were occasional premature ventricular contractions seen. No ventricular run(s) seen (PVCs 3 %).
5. There was no pathological pauses noted.
6. The longest RR interval was 1.21 second.
7. No symptoms reported.

1. The patient was monitored for hours. Artifacts during recording %.
 2. The predominant rhythm was normal sinus rhythm with a minimum heart rate of beats per minute and the maximum heart rate of beats per minute and a mean heart rate of beats per minute (Bradycardia % , Tachycardia %)
 3. There were rare premature atrial contractions seen. No supraventricular run(s) seen (PACs <1 %).
 4. There were rare premature ventricular contractions seen. No ventricular run(s) seen (PVCs <1 %).
 5. There was no pathological pauses noted.
 6. The longest RR interval was second.
 7. No symptoms reported.
-



Heart rate, recording	Supraventricular arrhythmias	Ventricular arrhythmias
Mean : 102 bpm Minimum/min : 3:37 PM (82 bpm) Maximum/min : 9:36 AM (130 bpm) Minimum/short : 3:37 PM (74 bpm) Maximum/short : 9:36 AM (137 bpm) Total duration : 24.00 h Total beats : 142013 Artifact share : 6%	SVEs total : 0 SVEs/h max : 0 (9:00 AM) SVTach total : 0	(PVC+other V.) total: 3505 (PVC+other V.)/h max: 412 (1:00 PM) VE bigeminy total: 0 VE couplets total: 50 VE triplets total: 0 Runs total : 0 VE tachy. total : 0 R on T total : 0
Bradycardia and QTc (per minute)	ST analysis (per minute)	Heart rate variability
Pauses > 2000 ms: 0 Longest pause : Mean QTc : Min QTc >150 ms : Max QTc :		SDNN : 54 ms SDANN : 44 ms SD : 17 ms HRV-TI : 16 PNN50 : 2 % RMSSD : 39 ms SDNNIndex: 17 ms SDSD : 38 ms



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8/16/2020

1. The patient was monitored for 24 hours. Artifacts during recording 3 %.

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3. There were rare premature atrial contractions seen. No supraventricular run(s) seen (PACs <1 %).
4. There were occasional premature ventricular contractions seen. No ventricular run(s) seen (PVCs 3 %).
5. There was no pathological pauses noted.
6. The longest RR interval was 1.21 second.
7. No symptoms reported.

1. The patient was monitored for hours. Artifacts during recording %.
 2. The predominant rhythm was normal sinus rhythm with a minimum heart rate of beats per minute and the maximum heart rate of beats per minute and a mean heart rate of beats per minute (Bradycardia % , Tachycardia %)
 3. There were rare premature atrial contractions seen. No supraventricular run(s) seen (PACs <1 %).
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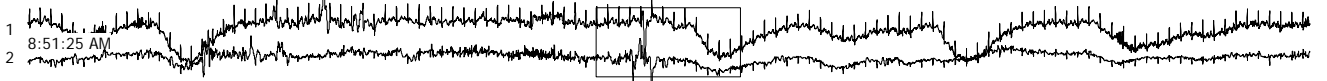
Date: **8/13/2020**

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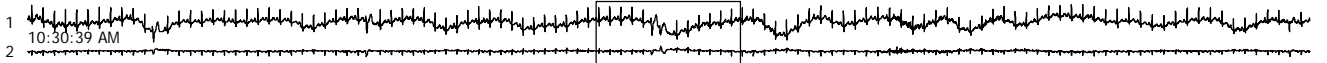
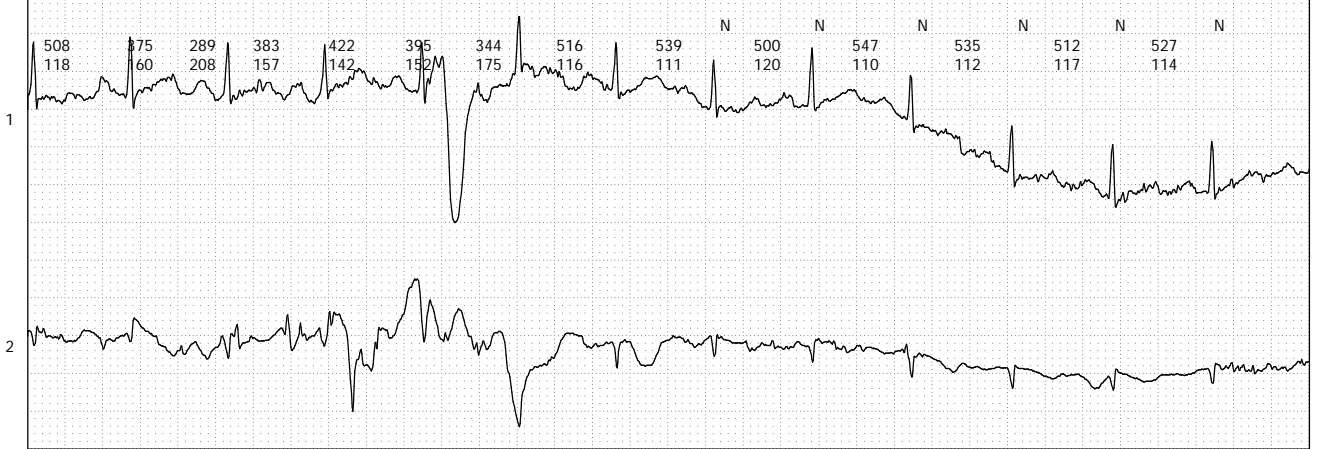
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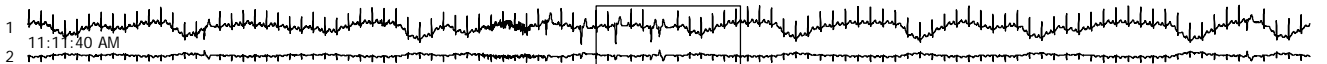
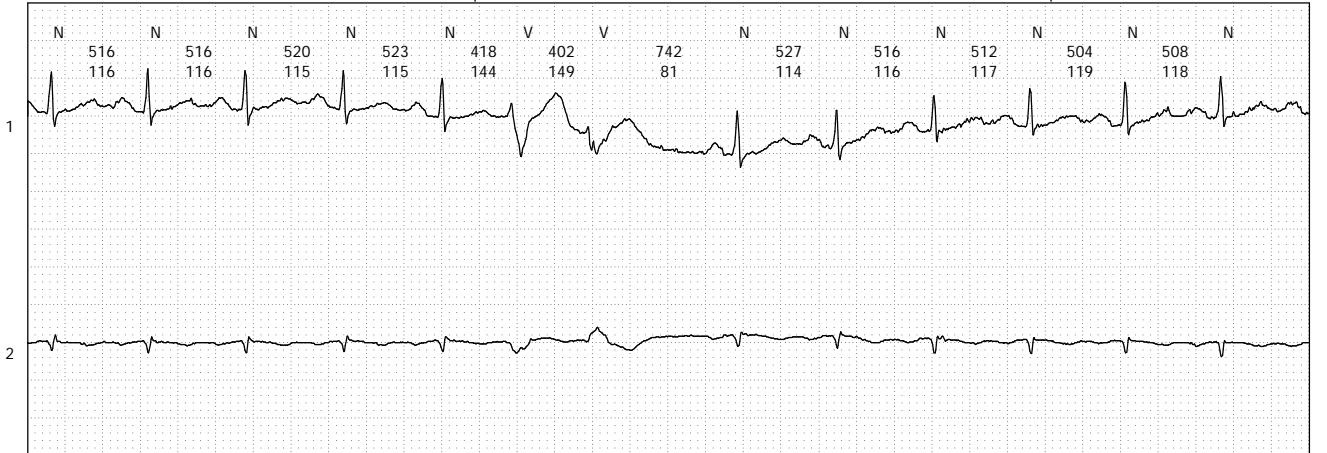
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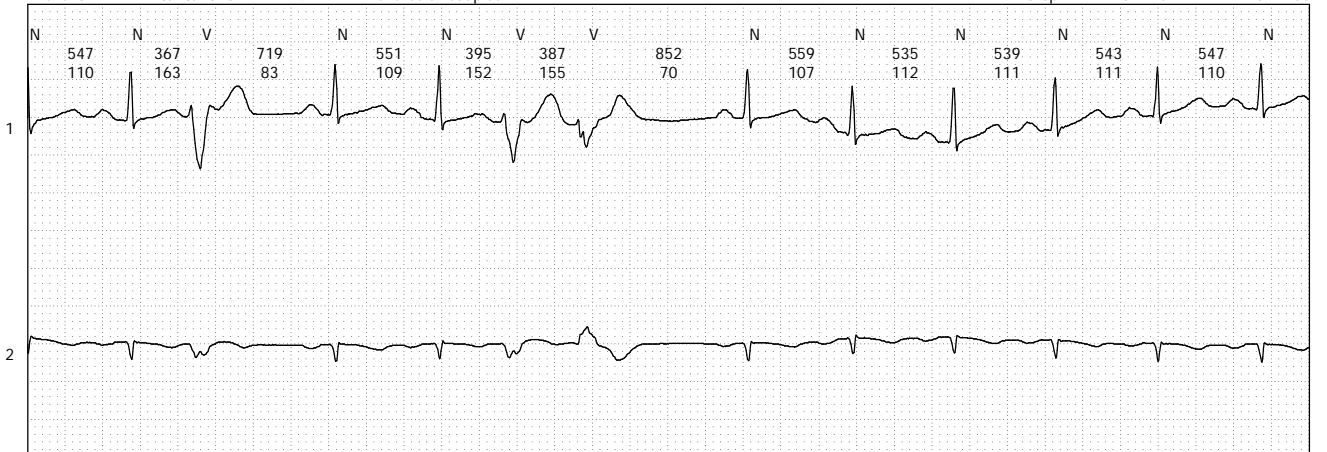
Event: 1 8/13/2020 8:51:59 AM Normal ECG 131 bpm 5 mm/mV 25 mm/s



Event: 2 8/13/2020 10:31:12 AM Ventricular couplet 116 bpm 5 mm/mV 25 mm/s



Event: 3 8/13/2020 11:12:14 AM Ventricular couplet 110 bpm 5 mm/mV 25 mm/s



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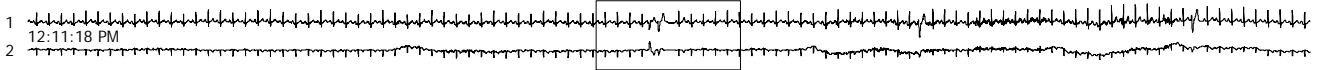
Date: **8/13/2020**

ID number: **5311693**

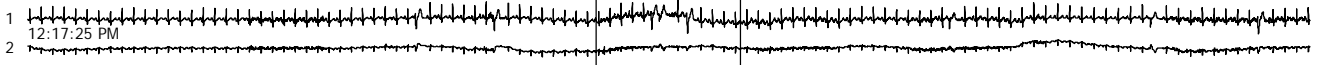
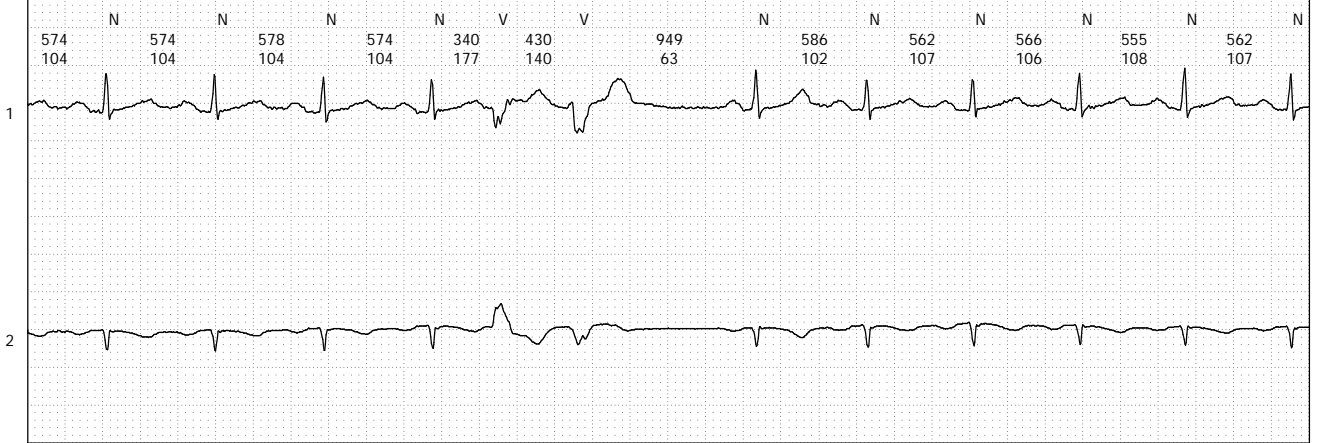
Gender: **F**

Channel: **1+2**

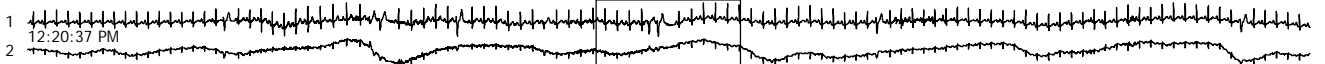
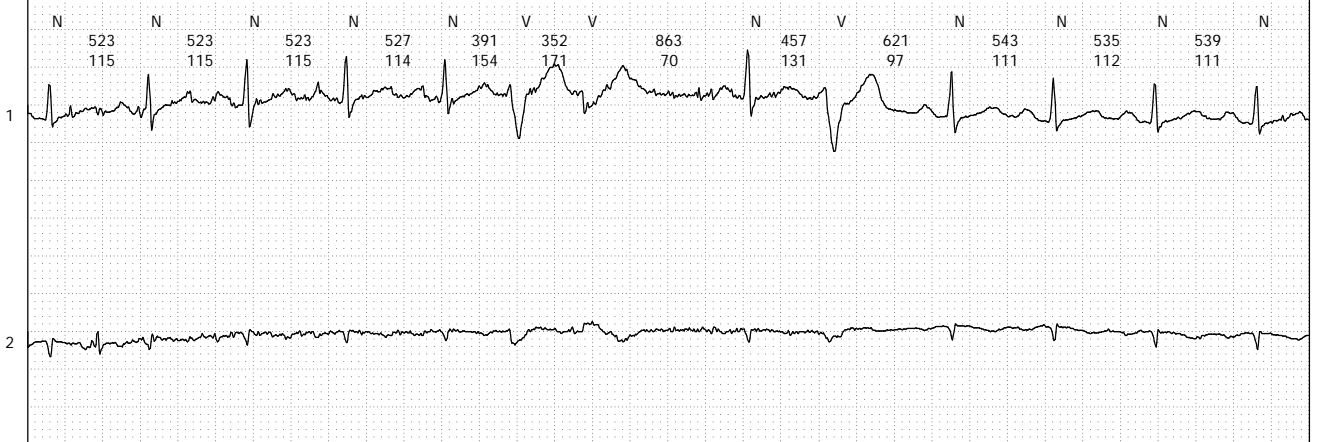
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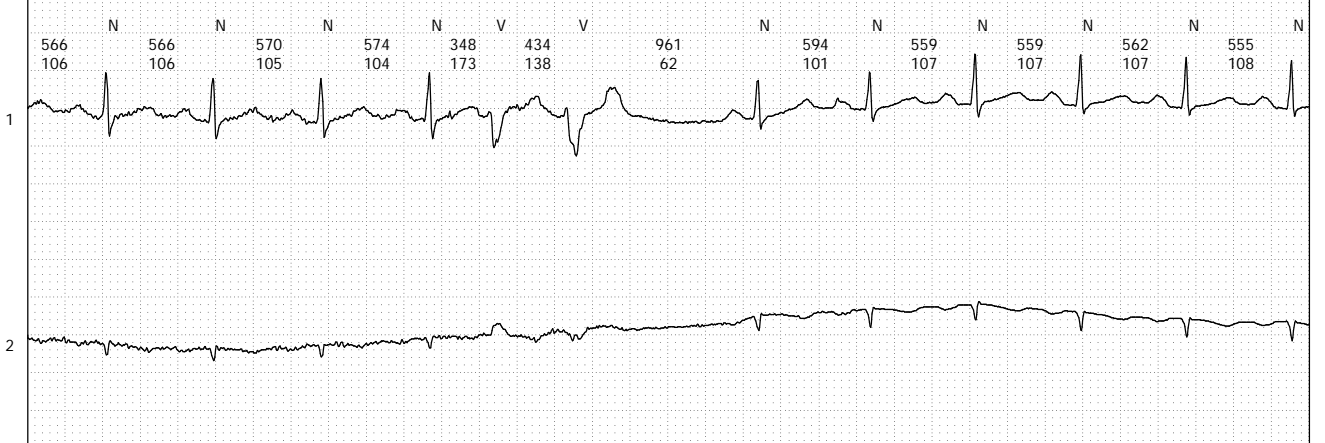
Event: 4 8/13/2020 12:11:52 PM Ventricular couplet 105 bpm 5 mm/mV 25 mm/s



Event: 5 8/13/2020 12:17:59 PM Ventricular couplet 113 bpm 5 mm/mV 25 mm/s



Event: 6 8/13/2020 12:21:11 PM Ventricular couplet 105 bpm 5 mm/mV 25 mm/s



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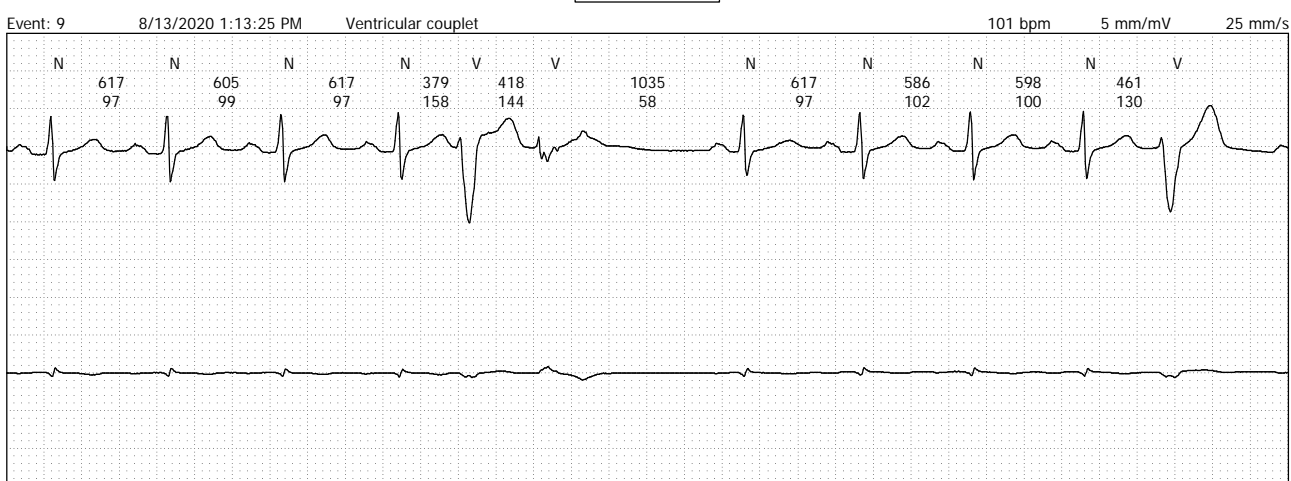
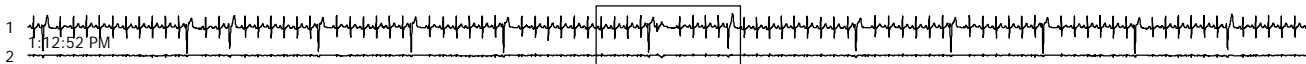
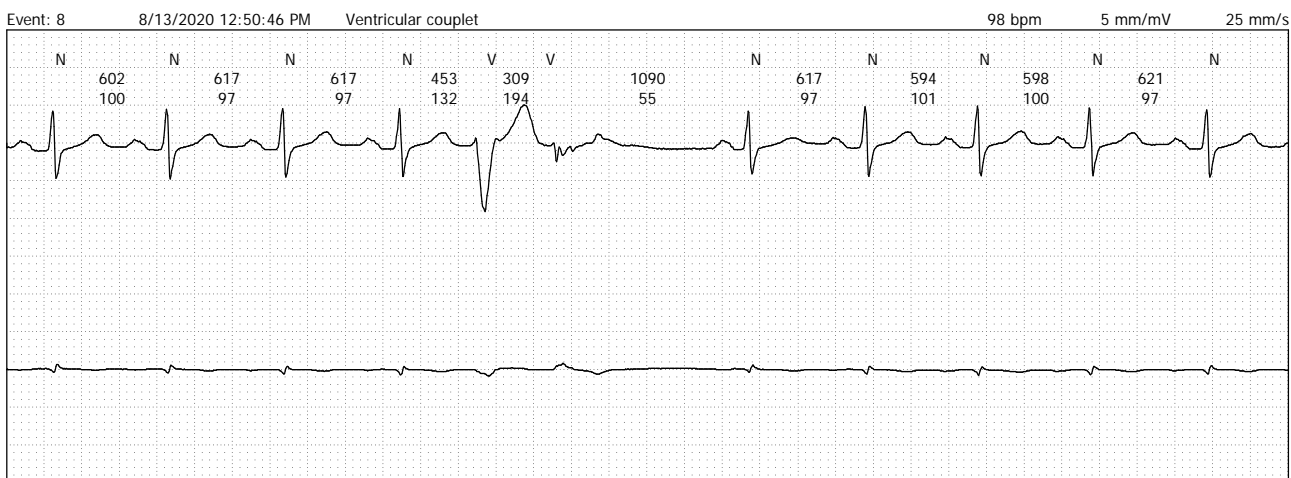
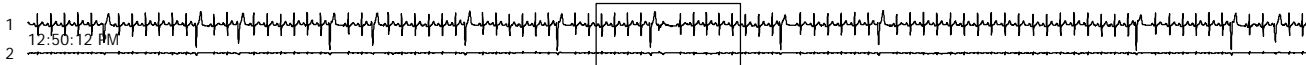
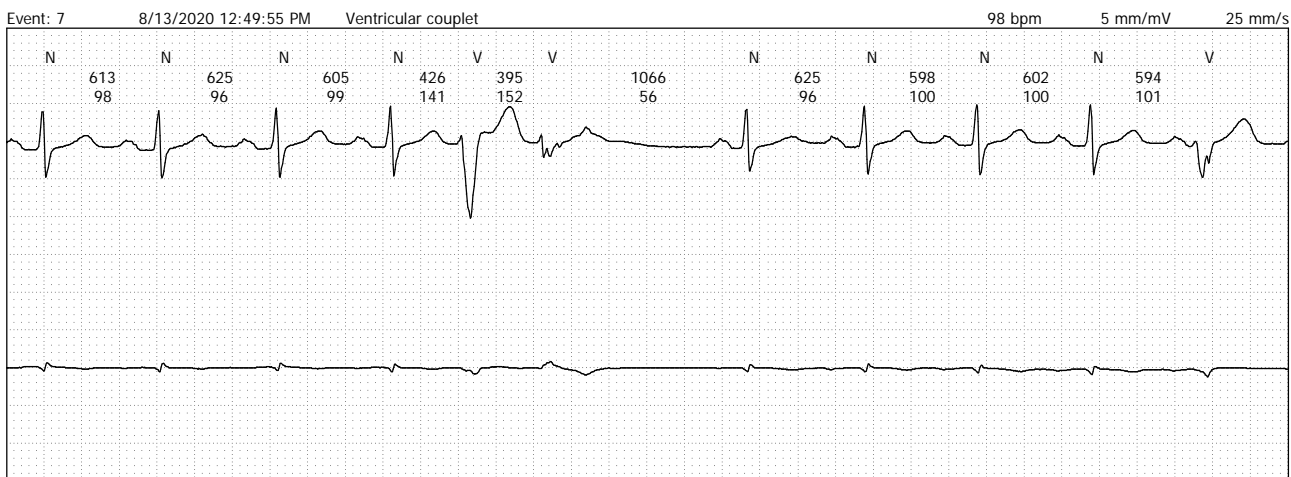
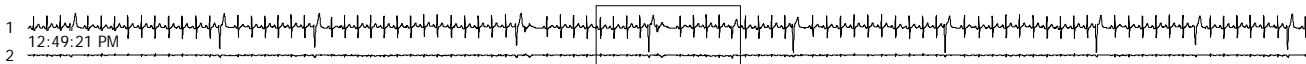
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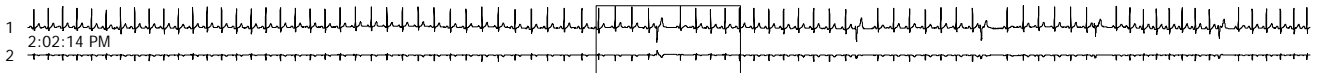
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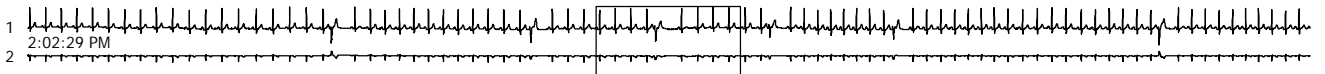
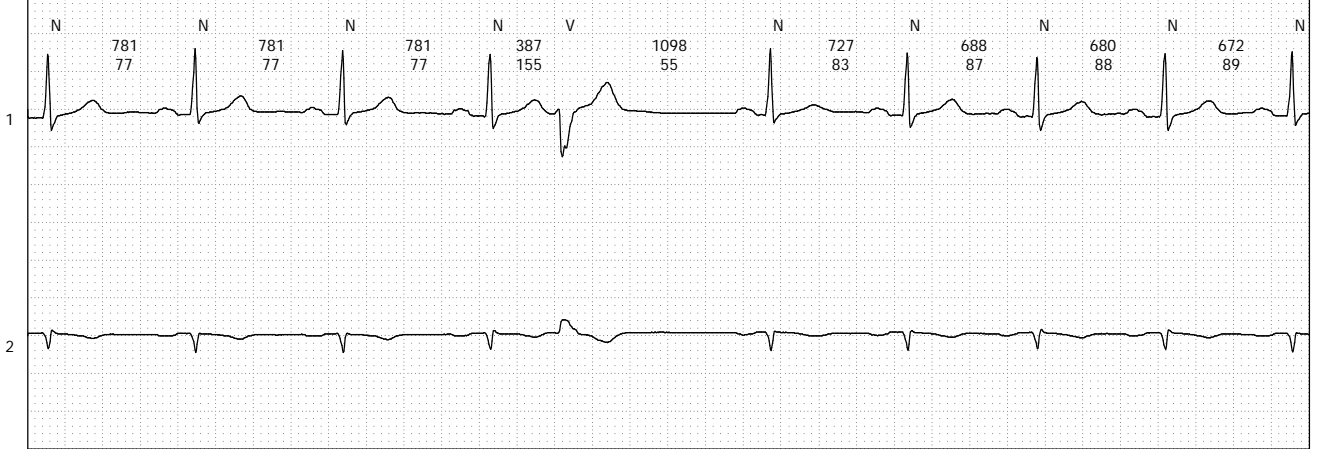
Gender: **F**

Channel: **1+2**

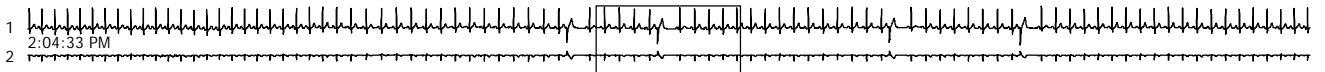
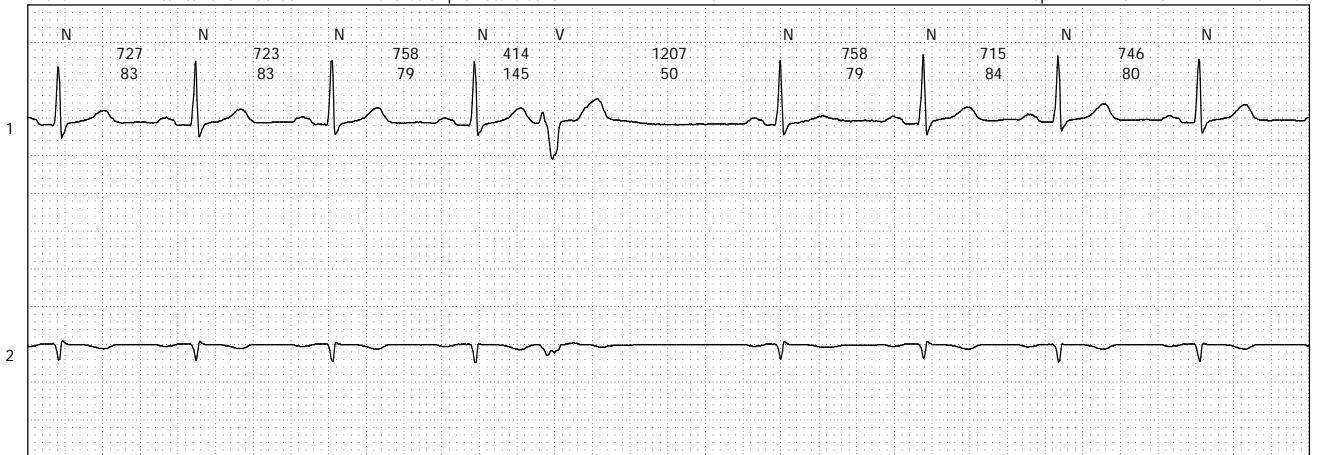
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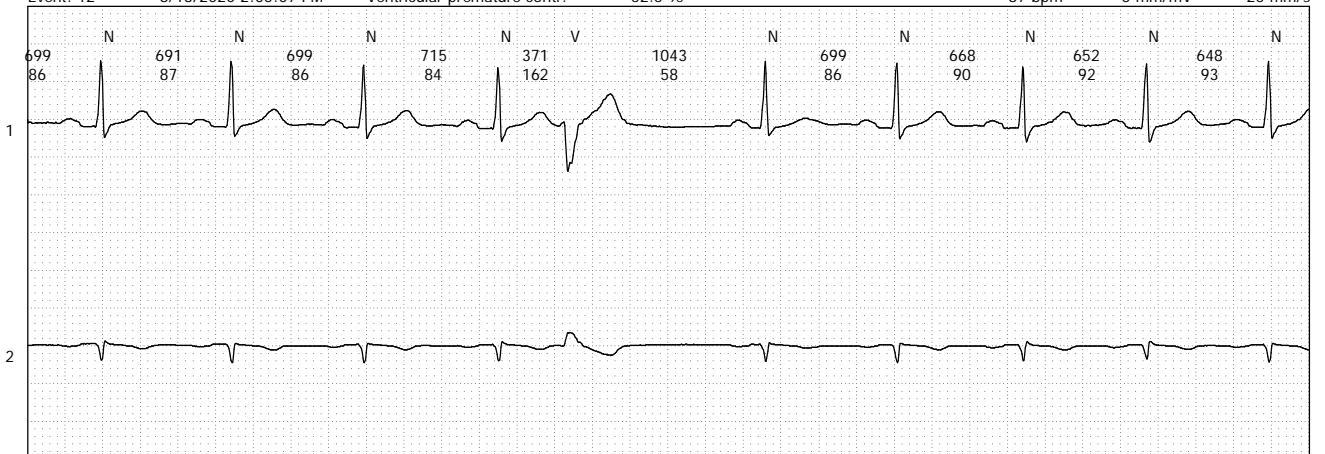
Event: 10 8/13/2020 2:02:48 PM Ventricular premature contr. 49.5 % 82 bpm 5 mm/mV 25 mm/s



Event: 11 8/13/2020 2:03:03 PM Ventricular premature contr. RR = 1.21 s 79 bpm 5 mm/mV 25 mm/s



Event: 12 8/13/2020 2:05:07 PM Ventricular premature contr. 52.5 % 87 bpm 5 mm/mV 25 mm/s



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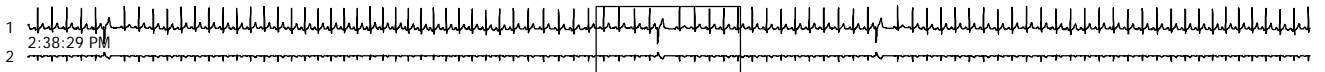
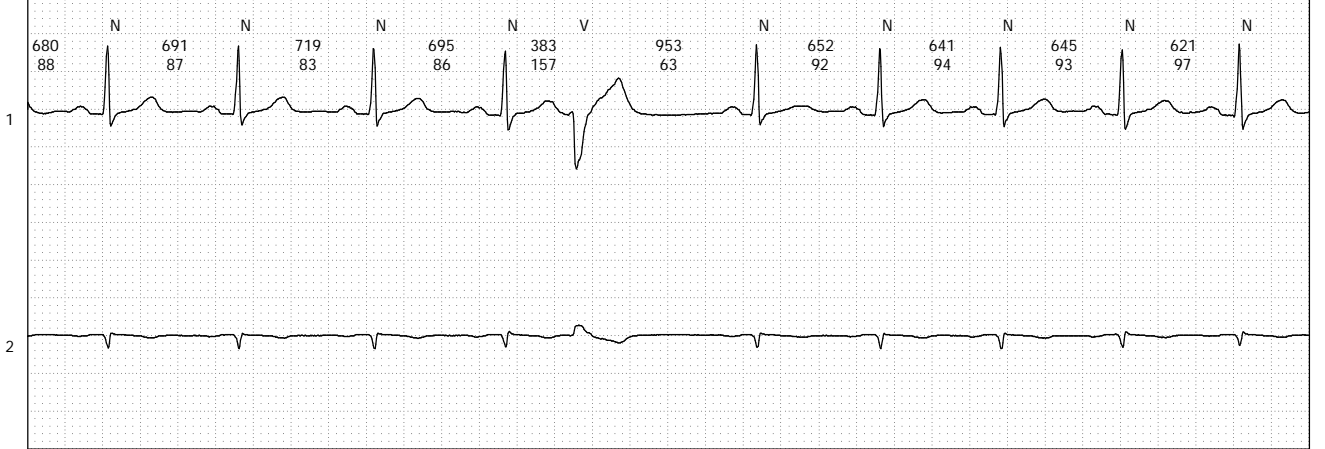
Gender: **F**

Channel: **1+2**

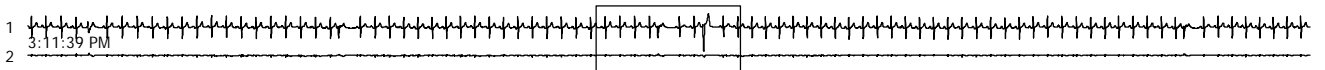
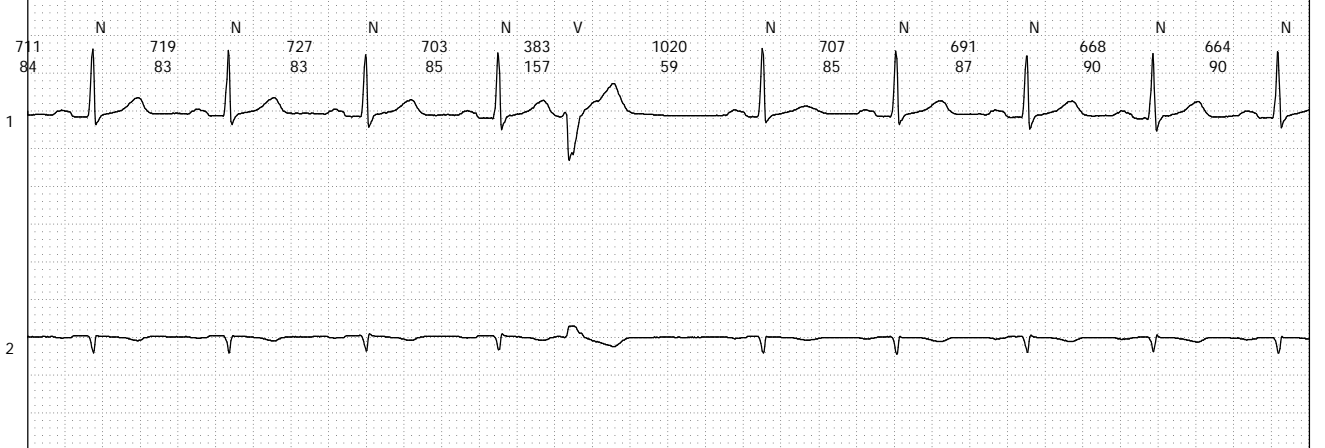
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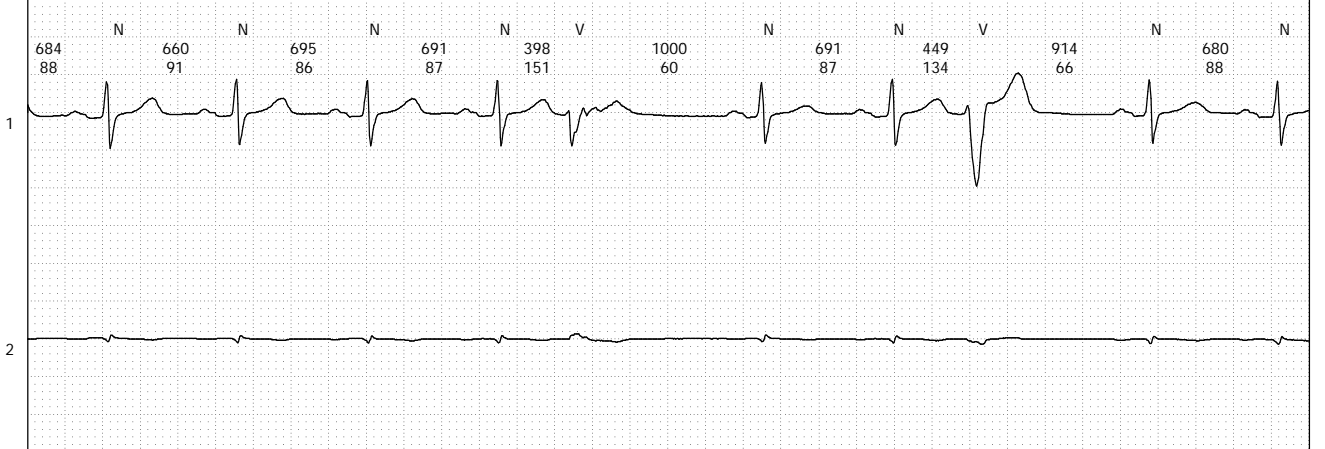
Event: 13 8/13/2020 2:14:02 PM Ventricular premature contr. 90 bpm 5 mm/mV 25 mm/s

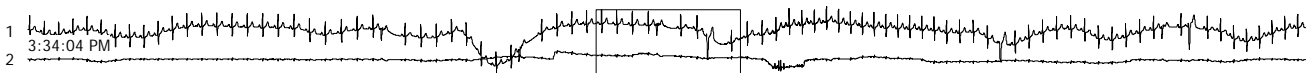


Event: 14 8/13/2020 2:39:03 PM Ventricular premature contr. 86 bpm 5 mm/mV 25 mm/s

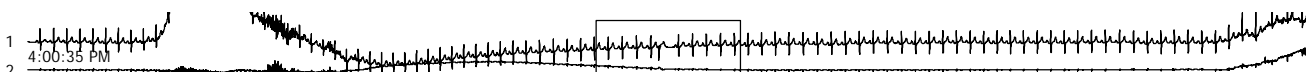
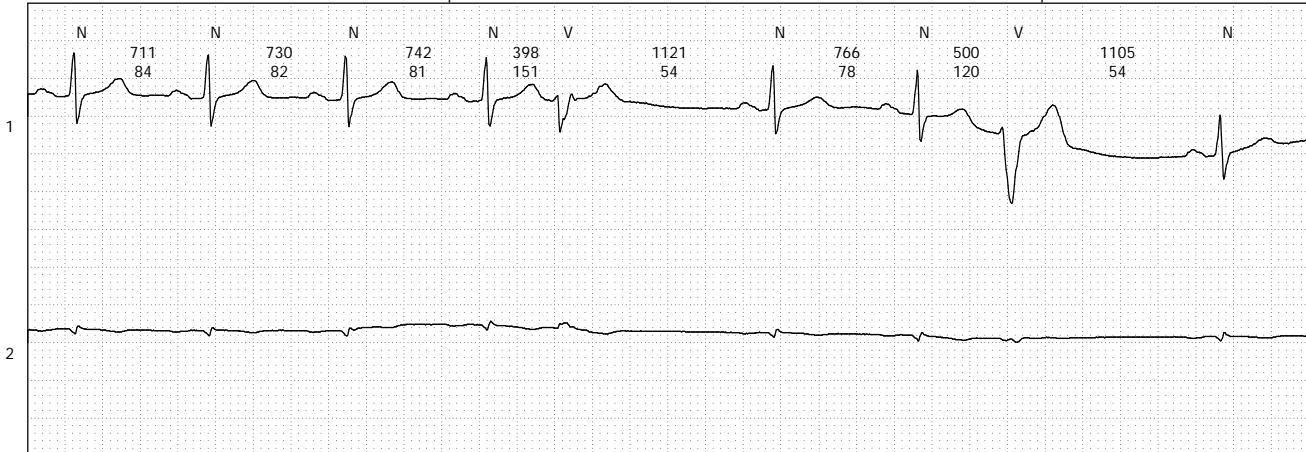


Event: 15 8/13/2020 3:12:13 PM Ventricular premature contr. 87 bpm 5 mm/mV 25 mm/s

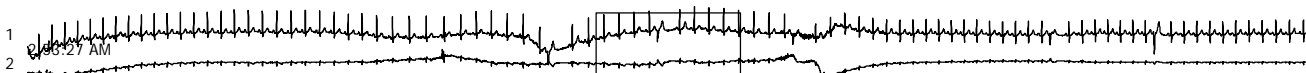
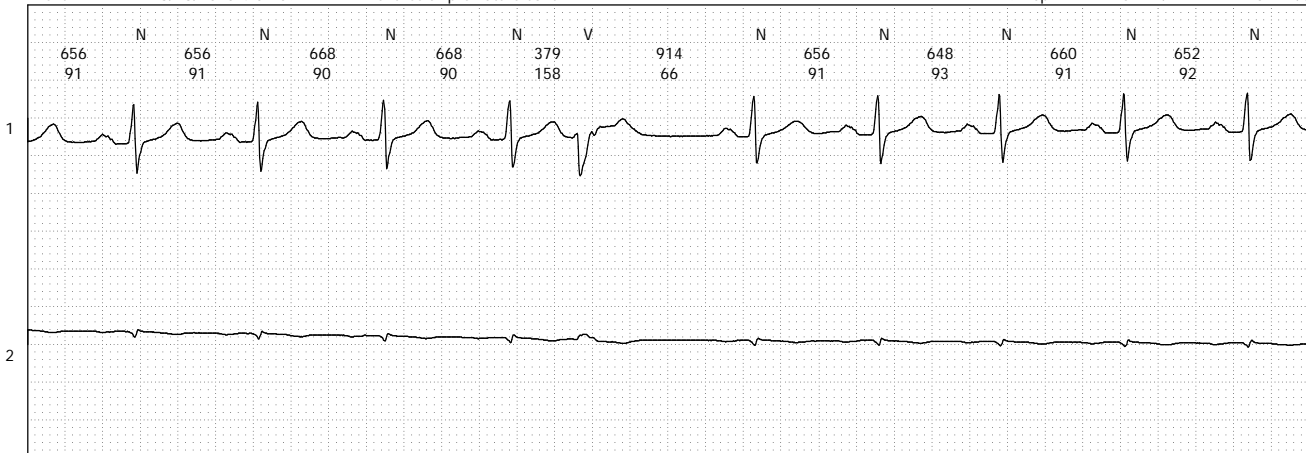




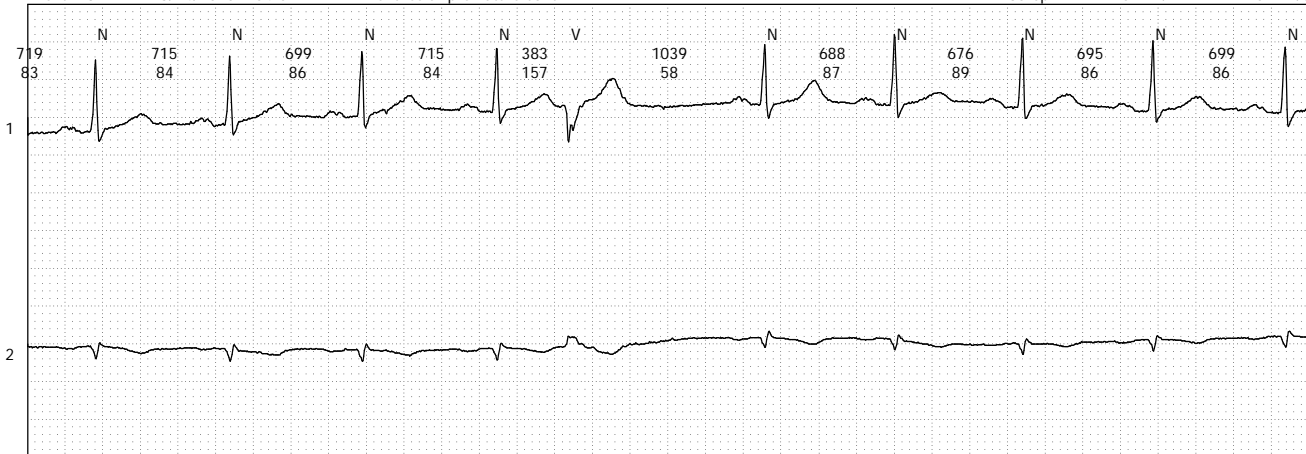
Event: 16 8/13/2020 3:34:38 PM Ventricular premature contr. 79 bpm 5 mm/mV 25 mm/s



Event: 17 8/13/2020 4:01:09 PM Ventricular premature contr. 91 bpm 5 mm/mV 25 mm/s



Event: 18 8/14/2020 2:54:01 AM Ventricular premature contr. 85 bpm 5 mm/mV 25 mm/s



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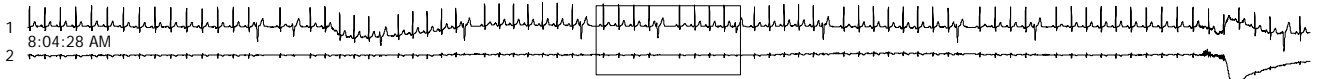
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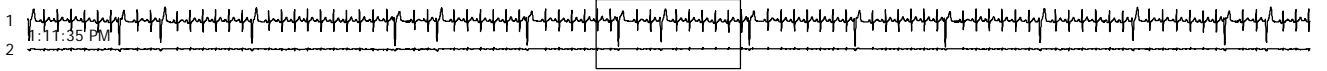
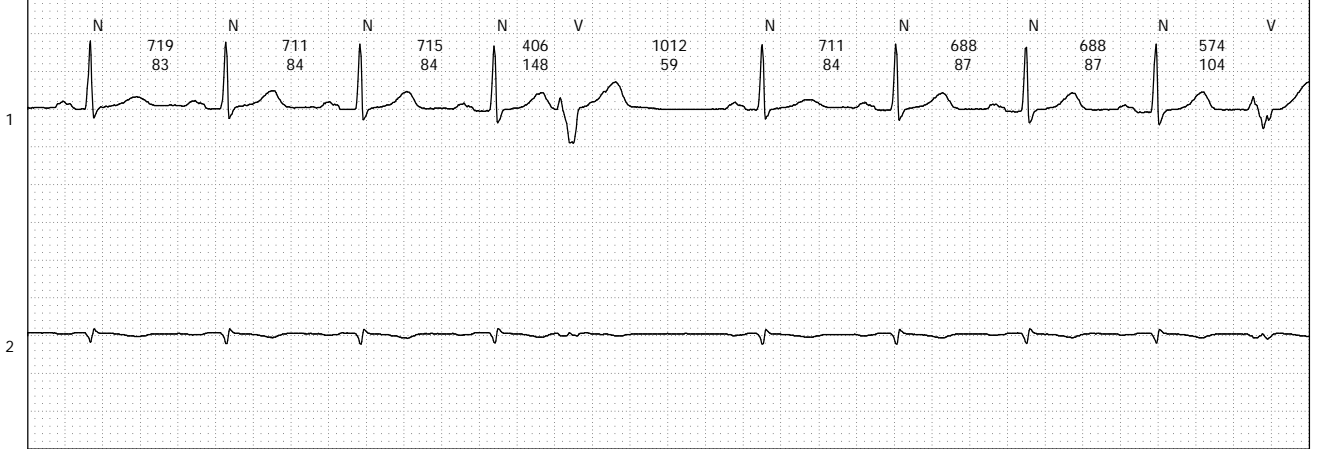
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Channel: **1+2**

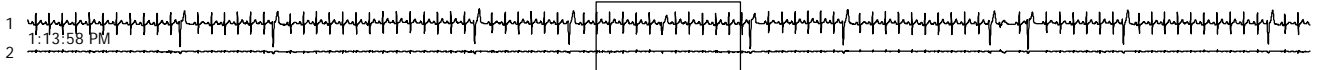
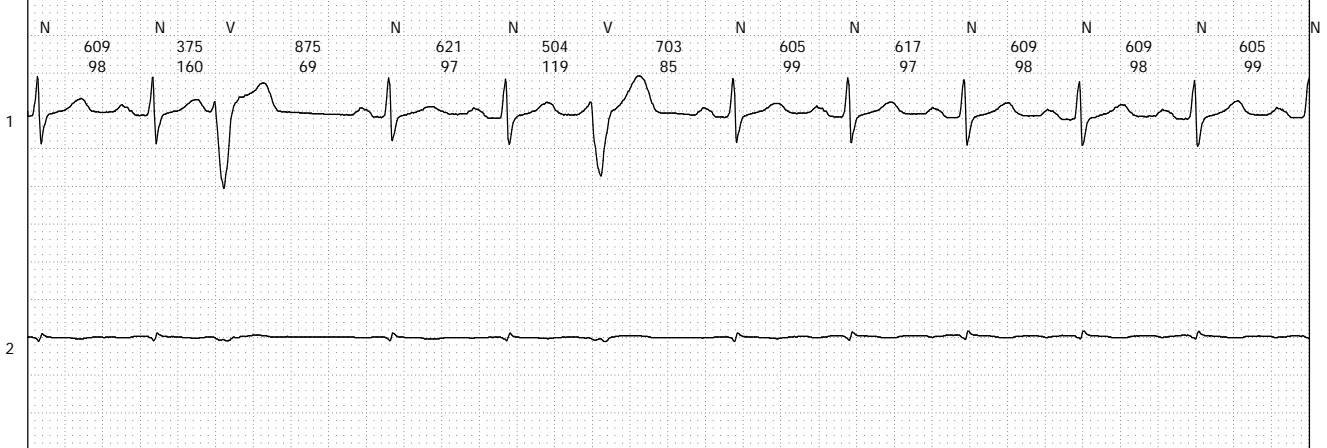
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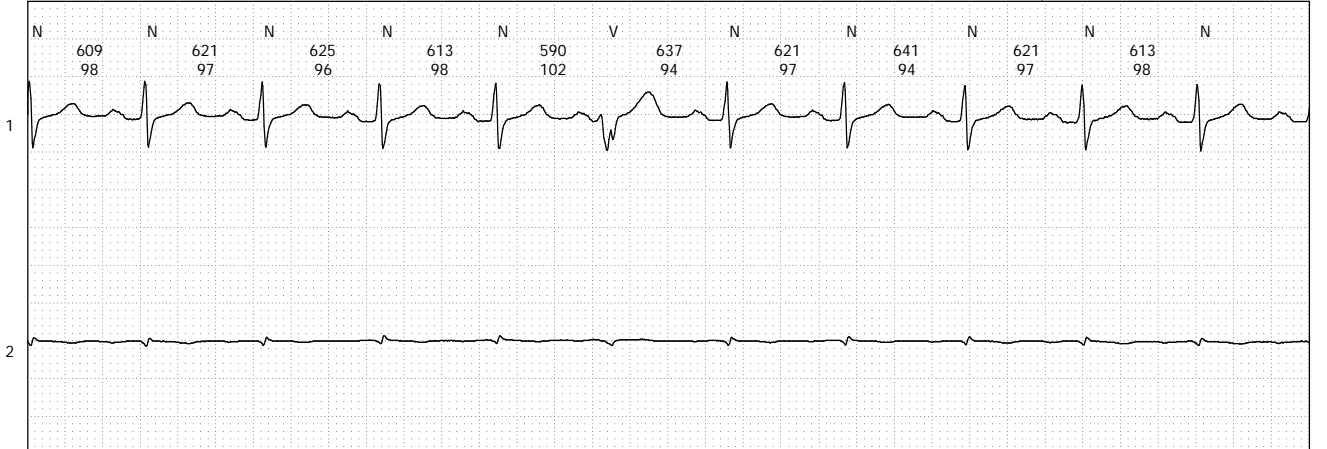
Event: 19 8/14/2020 8:05:01 AM Ventricular premature contr. 87 bpm 5 mm/mV 25 mm/s



Event: 20 8/13/2020 1:12:09 PM Other ventricular beat 98 bpm 5 mm/mV 25 mm/s



Event: 21 8/13/2020 1:14:32 PM Other ventricular beat 97 bpm 5 mm/mV 25 mm/s



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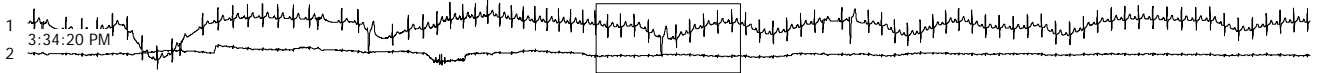
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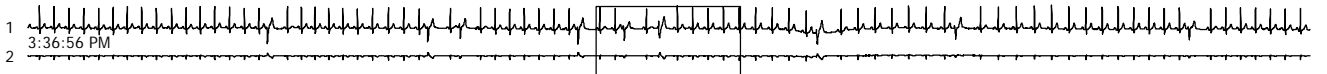
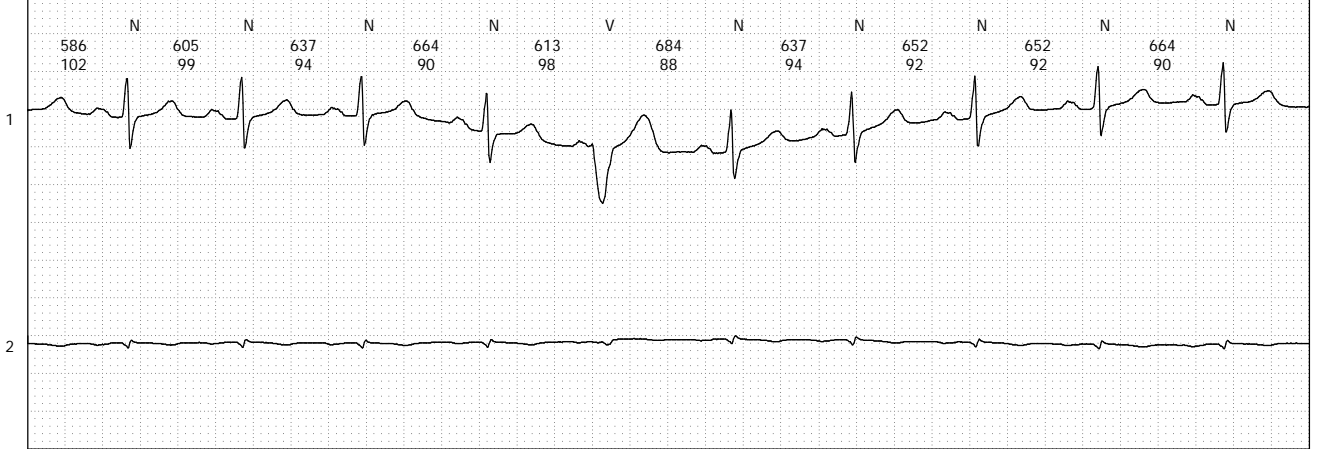
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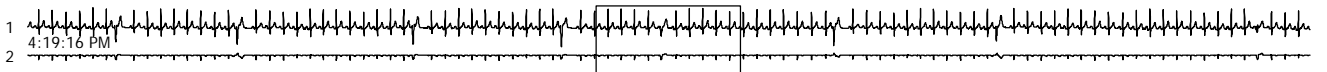
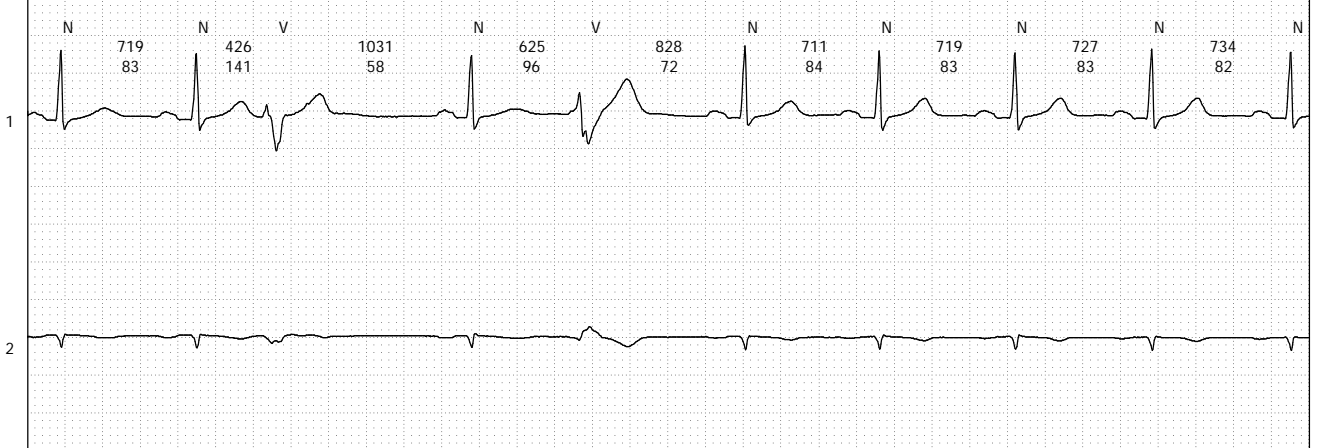
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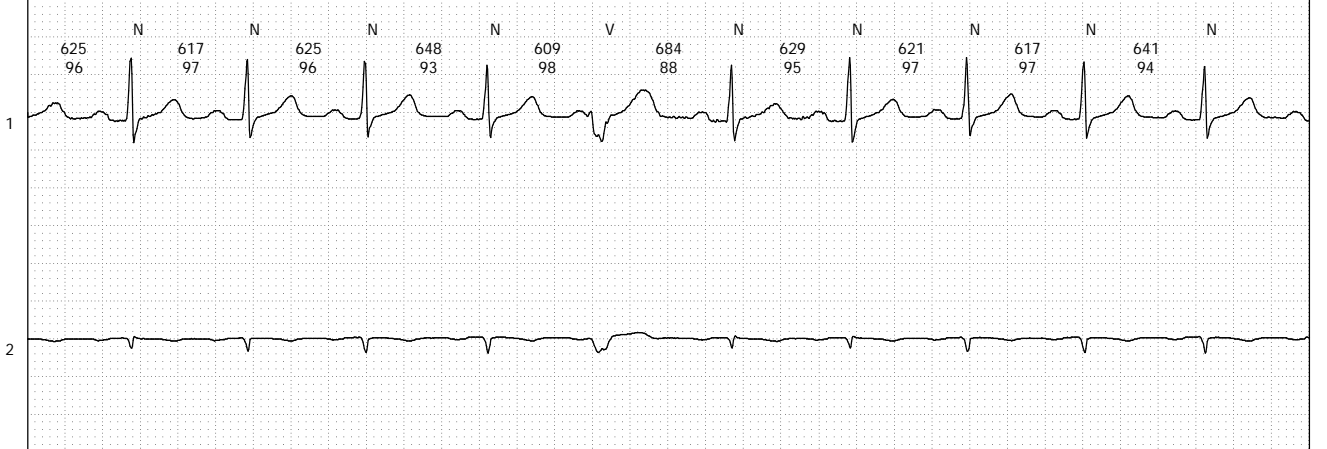
Event: 22 8/13/2020 3:34:54 PM Other ventricular beat 94 bpm 5 mm/mV 25 mm/s



Event: 23 8/13/2020 3:37:30 PM Other ventricular beat 83 bpm 5 mm/mV 25 mm/s



Event: 24 8/13/2020 4:19:50 PM Other ventricular beat 95 bpm 5 mm/mV 25 mm/s



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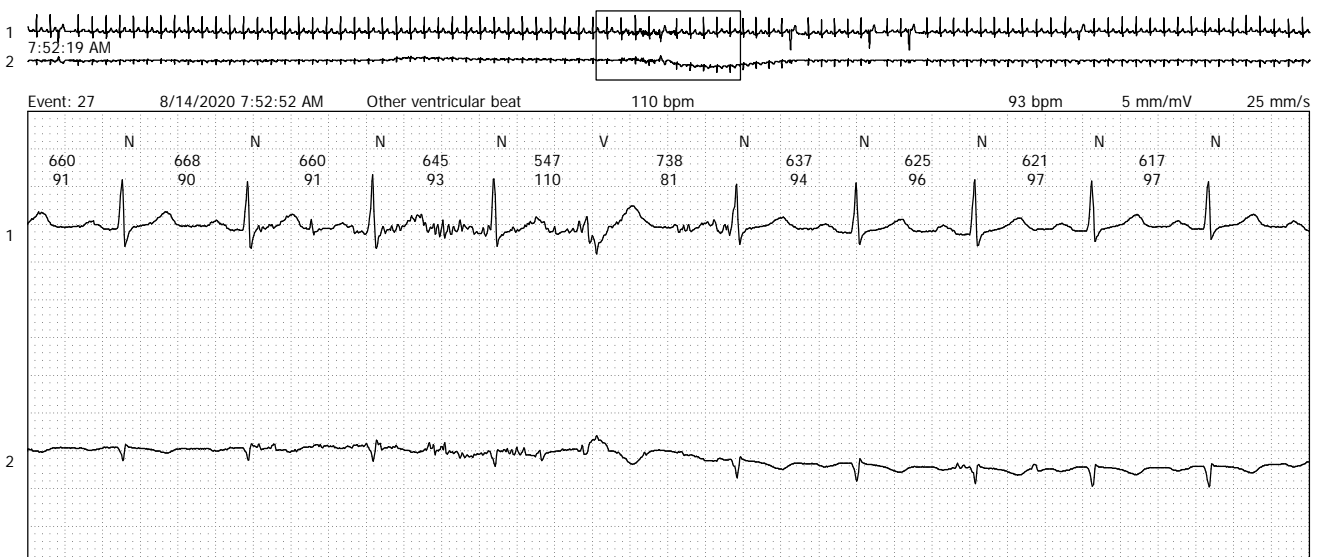
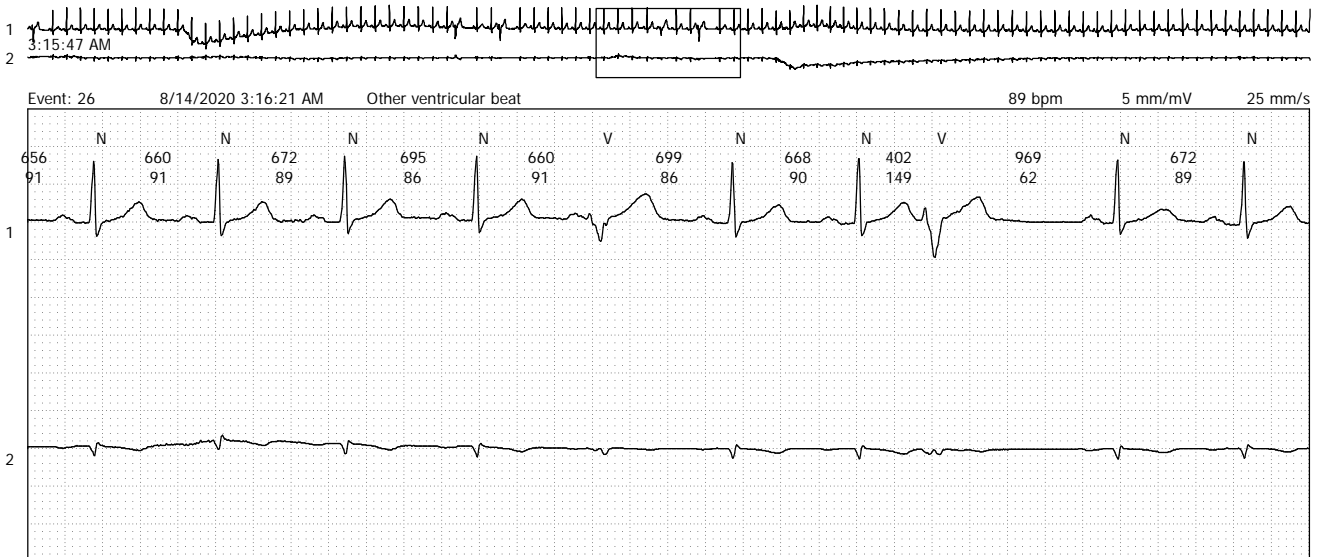
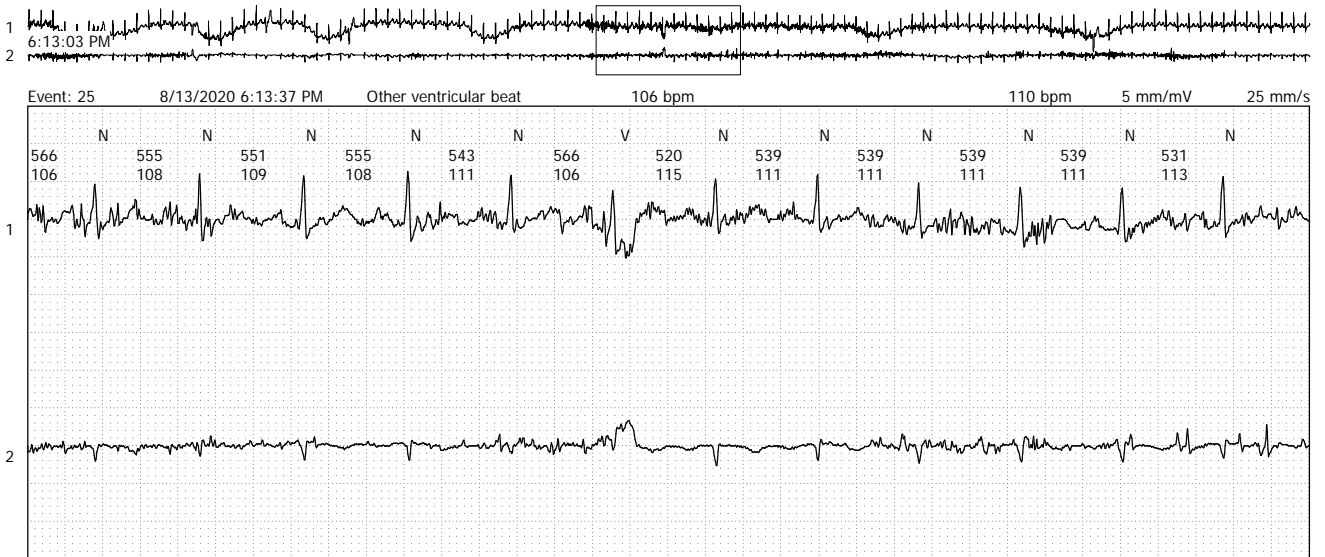
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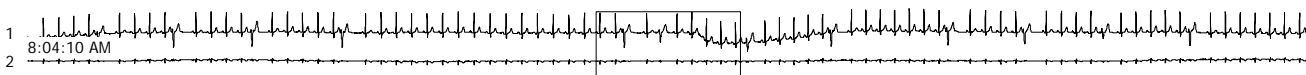
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Event: 28 8/14/2020 8:04:44 AM Other ventricular beat 85 bpm 5 mm/mV 25 mm/s

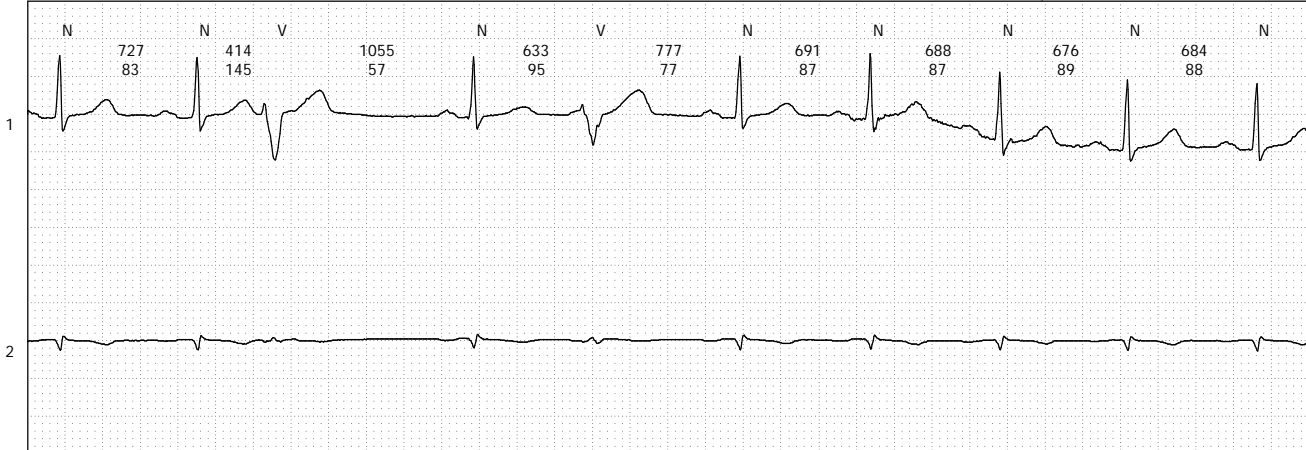
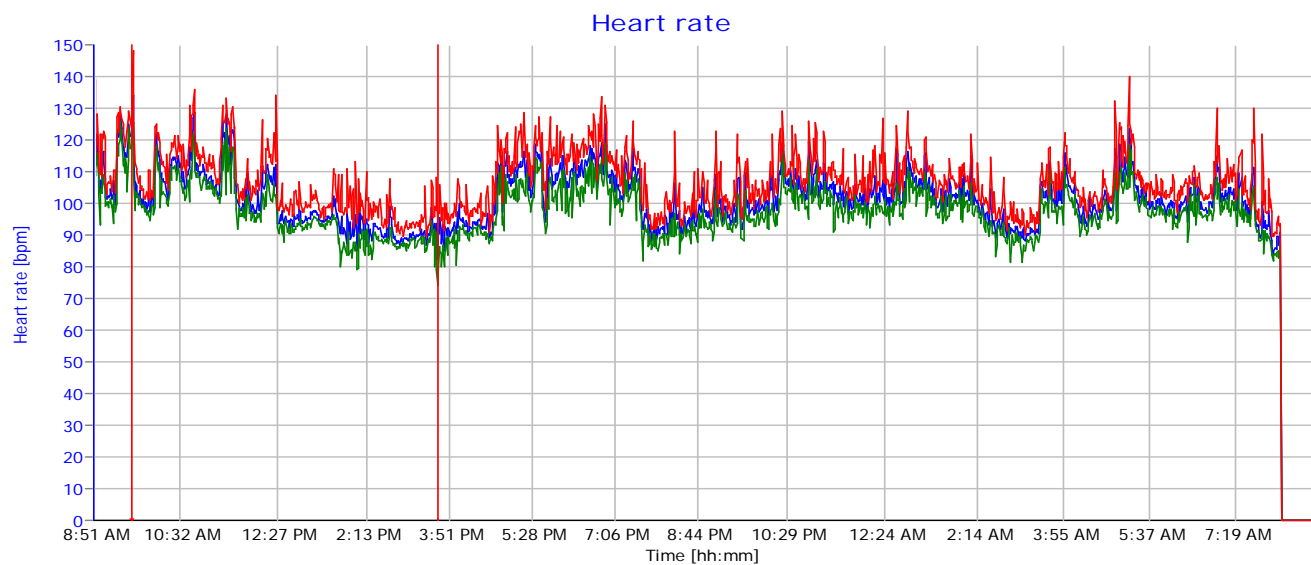
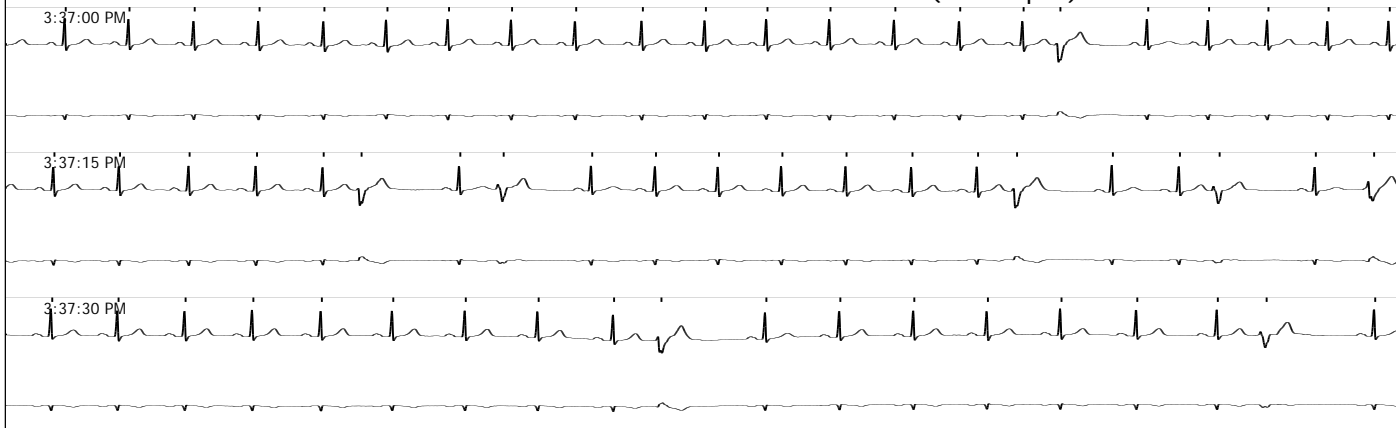


Table of hourly events

Time	QRS +other V.	PVC	VBIG	VCOUP	VTRIP	VRUN	VT	SVE	PAUSE	BRADY	N-N delay	SVTACH	Heart rate			NOI	PAT
													min	mean	max		
8:51 AM																	
9:00 AM	897	12	0	0	0	0	0	0	0	0	0	0	103	112	122	0	0
10:00 AM	6554	129	0	1	0	0	0	0	0	0	0	0	97	109	134	0	0
11:00 AM	6669	228	0	11	0	0	0	0	0	0	0	0	99	111	128	0	0
12:00 PM	6491	237	0	8	0	0	0	0	0	0	0	0	97	108	128	0	0
1:00 PM	5950	412	0	11	0	0	0	0	0	0	0	0	92	99	112	1	0
2:00 PM	5670	290	0	5	0	0	0	0	0	0	0	0	87	95	102	0	0
3:00 PM	5461	151	0	0	0	0	0	0	0	0	0	0	85	91	100	1	0
4:00 PM	5433	129	0	0	0	0	0	0	0	0	0	0	82	91	99	0	0
5:00 PM	5825	158	0	1	0	0	0	0	0	0	0	0	89	97	116	1	0
6:00 PM	6527	88	0	0	0	0	0	0	0	0	0	0	94	109	119	0	0
7:00 PM	6707	133	0	1	0	0	0	0	0	0	0	0	103	112	125	1	0
8:00 PM	6097	121	0	1	0	0	0	0	0	0	0	0	88	102	117	0	0
9:00 PM	5708	58	0	0	0	0	0	0	0	0	0	0	90	95	106	0	0
10:00 PM	5908	72	0	0	0	0	0	0	0	0	0	0	92	99	110	1	0
11:00 PM	6316	68	0	0	0	0	0	0	0	0	0	0	97	105	120	0	0
12:00 AM	6218	103	0	1	0	0	0	0	0	0	0	0	97	104	114	0	0
1:00 AM	6258	95	0	0	0	0	0	0	0	0	0	0	97	104	117	0	0
2:00 AM	6241	118	0	1	0	0	0	0	0	0	0	0	97	104	116	0	0
3:00 AM	5797	124	0	0	0	0	0	0	0	0	0	0	89	97	115	0	0
4:00 AM	5875	130	0	2	0	0	0	0	0	0	0	0	88	98	116	1	0
5:00 AM	5999	103	0	0	0	0	0	0	0	0	0	0	93	100	117	0	0
6:00 AM	6279	101	0	2	0	0	0	0	0	0	0	0	96	105	124	0	0
7:00 AM	6062	154	0	3	0	0	0	0	0	0	0	0	94	101	115	0	0
8:00 AM	5987	225	0	1	0	0	0	0	0	0	0	0	89	100	111	0	0
8:49 AM	1084	66	0	1	0	0	0	0	0	0	0	0	84	88	91	0	0
Total	142013	3505	0	50	0	0	0	0	0	0	0	0	82	102	134	6	0



Minute with minimum heart rate (82.4 bpm)



Minute with maximum heart rate (129.9 bpm)

