

# 7 Day Ambulatory ECG Holter Report



Red		Serious ECG abnormality observed. Suggest urgent discussion with a cardiologist and/or referral to hospital.	Reason For Rating:	Prolonged NCT episodes - longest 44 mins 11 secs in duration. 8 ventricular pauses - longest 6.6 seconds in duration.
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Patient Number:	---	Test Date:	22/02/2021 20:09:32
Patient Name:	---	Requesting Site:	Demo Practice
Patient D.O.B.:	---	Requesting Clinician:	--

## Metrics

### Duration of Recording

Total monitoring time:	7d
Total time analysed:	6d 11h 44m 56s
Noise burden:	7.29 %

### Heart Rate

Max:	28/02/2021 13:53:33	153 bpm
Min:	27/02/2021 02:35:33	45 bpm
Average:		63 bpm

### Premature Supraventricular Complexes

Total PSVC beats:	678 (0.11%)
No. of couplets:	5 (<0.01%)

### Premature Ventricular Complexes

Total PVC beats:	102 (0.02%)
No. of morphologies:	3
No. of couplets:	1 (<0.01%)
Total Bigeminy beats:	0
Total Trigeminy beats:	0

## Episodes

### Pauses

No. of pauses:		8
Longest RR interval:	23/02/2021 06:32:49	6602 ms

### Atrioventricular block

Type:	--
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### Atrial Fibrillation / Flutter

Burden:	0%
Longest episode:	--
Max HR:	--

### Ventricular Tachycardia

No. of episodes:	0
Longest episode:	--

### Other Supraventricular Tachycardia

No. of episodes:	31	
Longest episode:	25/02/2021 10:07:00	44m 11s

### Patient Notified Events

Count:	2
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## Cardiac Physiologist Report

7d Holter recording.

Sinus rhythm with intermittent 1st degree AV block throughout recording period - PR intervals up to 259ms. Nocturnal sinus bradycardia - rates down to 45bpm. 8 ventricular pauses noted (noted during hours of 10pm and 8am) up to a maximum of 6.6 seconds in duration. Pauses noted to be sinus in origin with occasional non-conducted P-waves noted.

9 sustained, sudden onset and offset, narrow complex/atrially led tachycardia noted - longest 44 minutes and 11 seconds in duration with a ventricular rate of 146bpm on Day 4 / 10:07:00.

Minimum sinus rate 45 bpm on Day 6 / 02:35:33, maximum narrow complex tachycardia rate 153 bpm on Day 7 / 13:53:33, maximum sinus rate of 100bpm, average rate 63 bpm.

Normal variation in heart rate seen across the recording period.

678 PACs seen as isolated beats, 5 couplets, 9 triplets and 13 atrially led salvos - longest 20 beats in duration with a ventricular rate of 102bpm. Fastest at 125bpm for 15 beats. 0.11% PAC burden.

Rare blocked atrial ectopy seen post prolonged atrial tachyarrhythmia episodes.

102 multifocal PVCs (inclusive of fusion and escape beats) seen as isolated beats and 1 couplet. 0.02% PVC burden.

Patient diary returned. 2 diary entries for palpitations - both correlating with onset of and mid narrow complex tachycardia with ventricular rates up to 143bpm.

If you require clinical advice and guidance in relation to this report, please use our Consultant Cardiologist E-Consultation Tool.

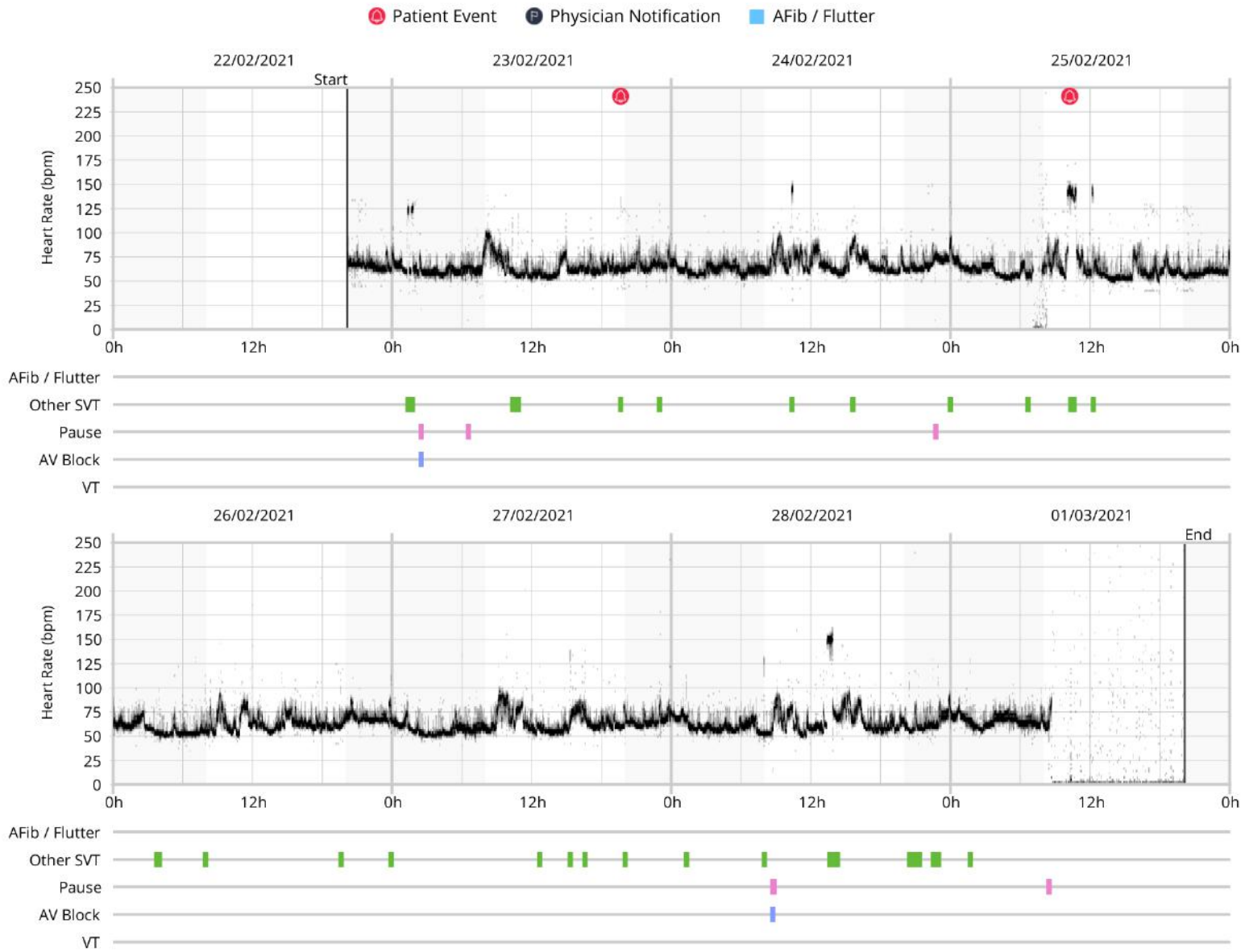
Reporter: Stephanie Barrett  
Physiologist  
04/03/2021 14:07:20  
  
0345 5212992  
cardiology@ecg-od.com



ECG On-Demand  
Unit 23, 1912 Mill  
Sunny Bank Mills  
83-85 Town Street  
Farsley, Leeds, LS28 5UJ  
<https://www.ecg-od.com>

Heart Rate Trend

Min HR	Max HR	Avg HR	Bradycardia Episode Count	Tachycardia Episode Count
45bpm	153bpm	63bpm	123 (0.79%)	11 (1.10%)

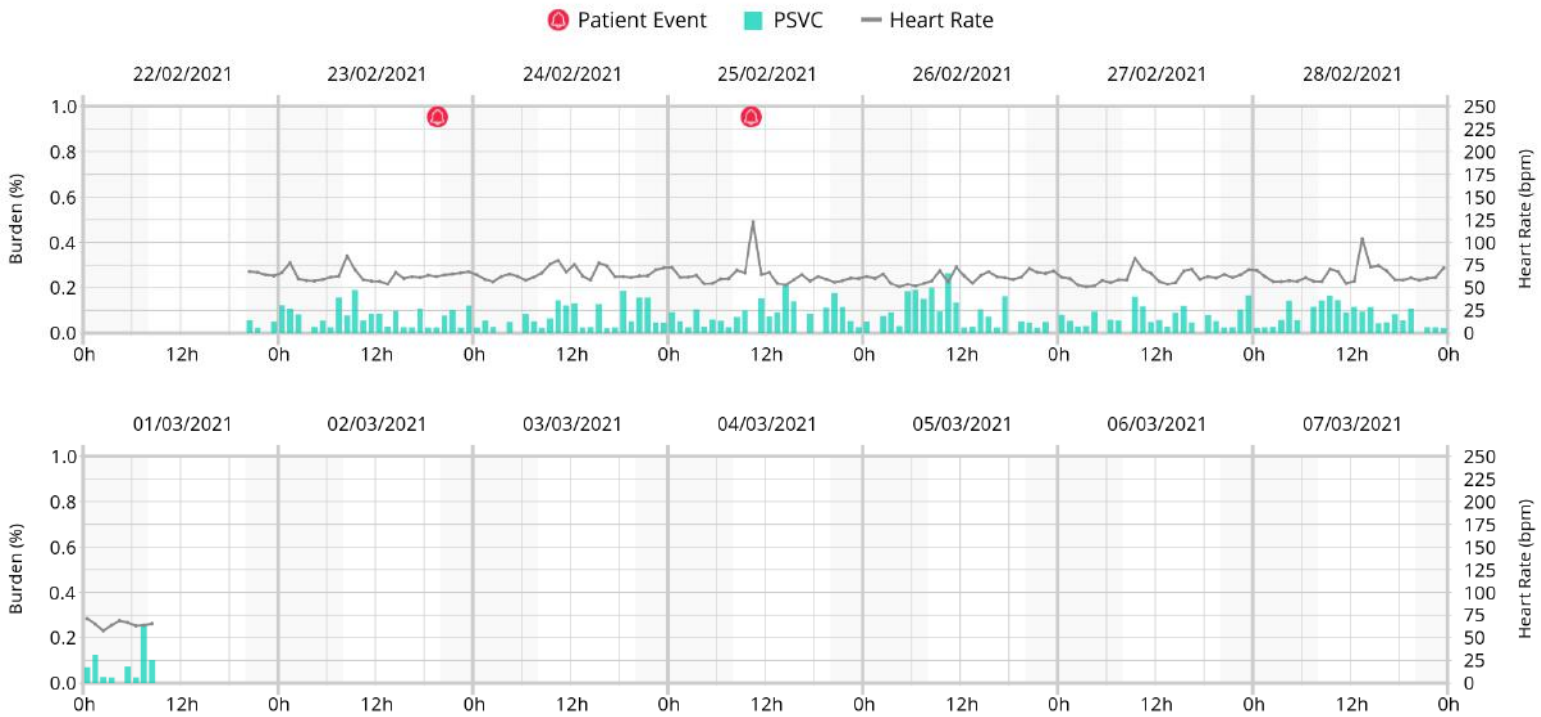


Atrial Fibrillation / Flutter Hourly Burden

No AFib found in the study

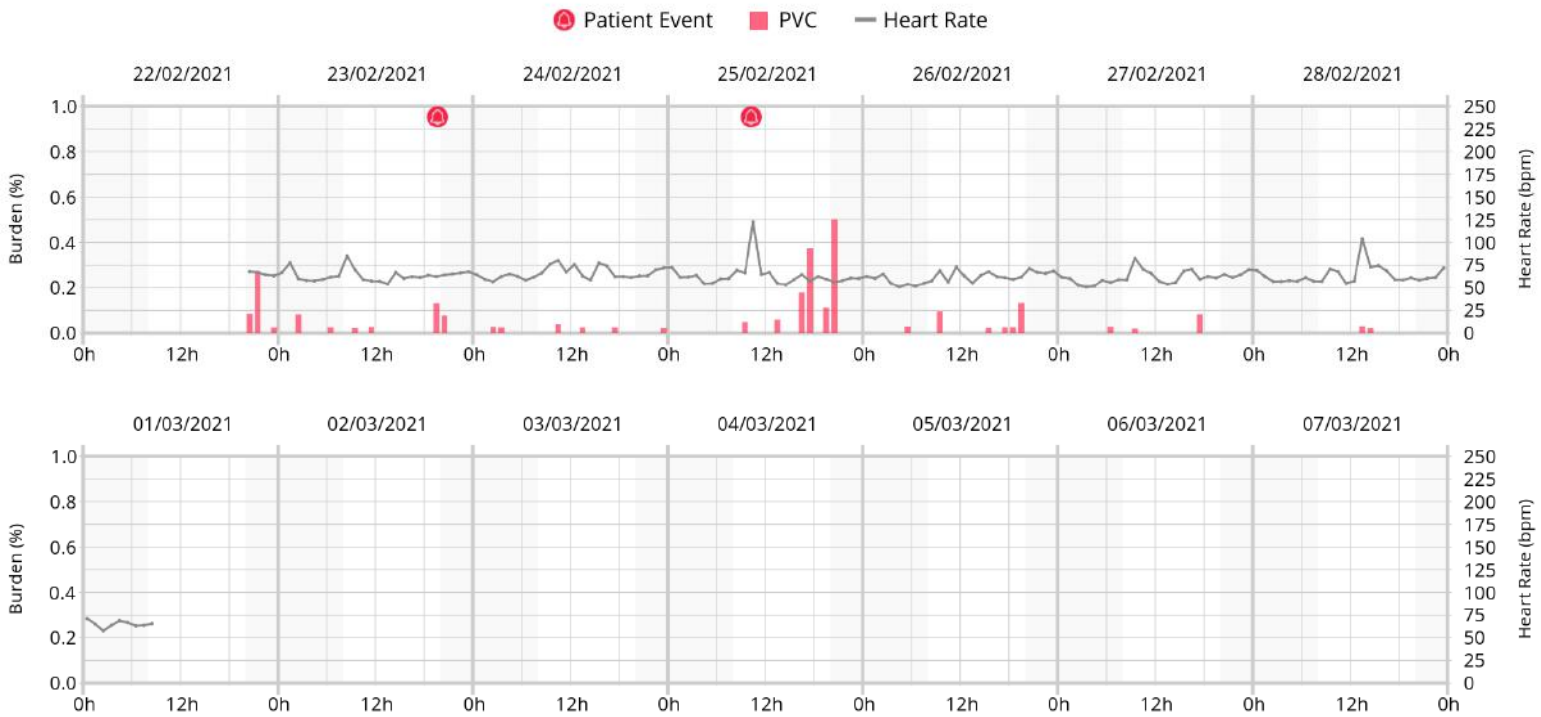
PSVC Hourly Burden

Count	Isolated Count	Couplets
678 (0.11%)	430 (0.07%)	5 (<0.01%)



PVC Hourly Burden

Count	Isolated Count	No. of Morphologies	Couplets	Bigeminy	Trigeminy
102 (0.02%)	100 (0.02%)	3	1 (<0.01%)	--	--



## Strip Index

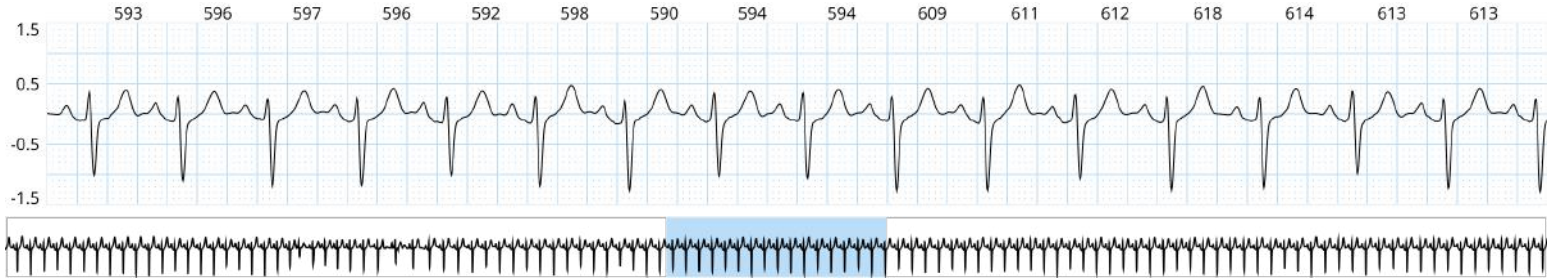
ID	Date & Time	Category	HR	Physician Notification	Association	Comments	Page
1	23/02/2021 08:16:00	Max HR	100bpm	--	--	Maximum sinus rate - PR interval 170ms	<a href="#">page 5</a>
2	28/02/2021 13:53:33	Max HR	153bpm	--	--	Maximum NCT rate	<a href="#">page 5</a>
3	27/02/2021 02:35:33	Min HR	45bpm	--	--	Minimum heart rate - PR interval 206ms	<a href="#">page 5</a>
4	24/02/2021 05:33:20	Sinus	69bpm	--	--	PR interval - 237ms	<a href="#">page 6</a>
5	26/02/2021 02:27:56	Sinus	68bpm	--	--	PR interval - 259ms	<a href="#">page 6</a>
6	26/02/2021 23:21:33	Sinus	73bpm	--	--	PR interval - 197ms	<a href="#">page 6</a>
7	28/02/2021 00:47:09	Sinus	70bpm	--	--	PR interval - 225ms	<a href="#">page 6</a>
8	23/02/2021 02:29:53	Pause	--	--	--		<a href="#">page 7</a>
9	23/02/2021 02:30:21	Pause	--	--	--		<a href="#">page 7</a>
10	23/02/2021 06:32:38	Pause	--	--	--		<a href="#">page 8</a>
11	24/02/2021 22:43:52	Pause	--	--	--		<a href="#">page 8</a>
12	28/02/2021 08:43:49	Pause	--	--	--		<a href="#">page 8</a>
13	28/02/2021 08:50:13	Pause	--	--	--		<a href="#">page 9</a>
14	01/03/2021 08:29:07	Pause	--	--	--		<a href="#">page 9</a>
15	23/02/2021 01:23:12	Other SVT	109bpm	--	--		<a href="#">page 9</a>
16	23/02/2021 01:29:17	Other SVT	121bpm	--	--		<a href="#">page 9</a>
17	24/02/2021 10:19:10	Other SVT	140bpm	--	--	Onset 6min 47s atrially led run	<a href="#">page 10</a>
18	24/02/2021 10:19:32	Other SVT	143bpm	--	--	Mid 6min 47s atrially led run	<a href="#">page 10</a>
19	24/02/2021 10:25:57	Other SVT	105bpm	--	--	Offset 6min 47s atrially led run	<a href="#">page 10</a>
20	25/02/2021 10:06:45	Other SVT	136bpm	--	Patient Event	Onset 44min 11s atrially led run	<a href="#">page 11</a>
21	25/02/2021 10:50:56	Other SVT	124bpm	--	Patient Event	Offset 44min 11s atrially led run	<a href="#">page 11</a>
22	25/02/2021 12:14:23	Other SVT	141bpm	--	--		<a href="#">page 12</a>
23	25/02/2021 12:18:01	Other SVT	133bpm	--	--		<a href="#">page 12</a>
24	26/02/2021 03:45:54	Other SVT	69bpm	--	--		<a href="#">page 12</a>
25	26/02/2021 07:57:27	Other SVT	98bpm	--	--		<a href="#">page 12</a>
26	27/02/2021 15:18:45	Other SVT	129bpm	--	--		<a href="#">page 13</a>
27	27/02/2021 15:19:03	Other SVT	119bpm	--	--		<a href="#">page 13</a>
28	27/02/2021 16:34:28	Other SVT	115bpm	--	--		<a href="#">page 13</a>
29	28/02/2021 01:18:38	Other SVT	99bpm	--	--		<a href="#">page 14</a>
30	28/02/2021 13:25:14	Other SVT	145bpm	--	--	Onset 28min 58s atrially led run	<a href="#">page 14</a>
31	28/02/2021 13:54:13	Other SVT	138bpm	--	--	Offset 28min 58s atrially led run	<a href="#">page 15</a>
32	01/03/2021 01:42:08	Other SVT	125bpm	--	--		<a href="#">page 15</a>
33	23/02/2021 19:38:45	Patient Event	113bpm	--	Other SVT		<a href="#">page 15</a>
34	25/02/2021 10:15:05	Patient Event	143bpm	--	Other SVT		<a href="#">page 16</a>
35	23/02/2021 20:18:15	PSVC	--	--	--		<a href="#">page 16</a>
36	24/02/2021 21:36:39	PSVC	--	--	--		<a href="#">page 16</a>
37	25/02/2021 20:00:10	PSVC	--	--	--		<a href="#">page 16</a>
38	24/02/2021 07:25:15	Supraventricular Couplet	--	--	--		<a href="#">page 17</a>
39	23/02/2021 02:00:28	PVC	--	--	--		<a href="#">page 17</a>
40	24/02/2021 10:25:09	PVC	--	--	--		<a href="#">page 17</a>

41	26/02/2021 09:22:16	PVC	--	--	--	<a href="#">page 17</a>
42	26/02/2021 09:25:05	PVC	--	--	--	<a href="#">page 17</a>
43	26/02/2021 09:22:18	Ventricular Couplet	--	--	--	<a href="#">page 18</a>
44	24/02/2021 10:19:32	Manually Added	143bpm	--	--	Mid 6min 47s atrially led run <a href="#">page 18</a>

## Max HR

1. 23/02/2021 08:16:00

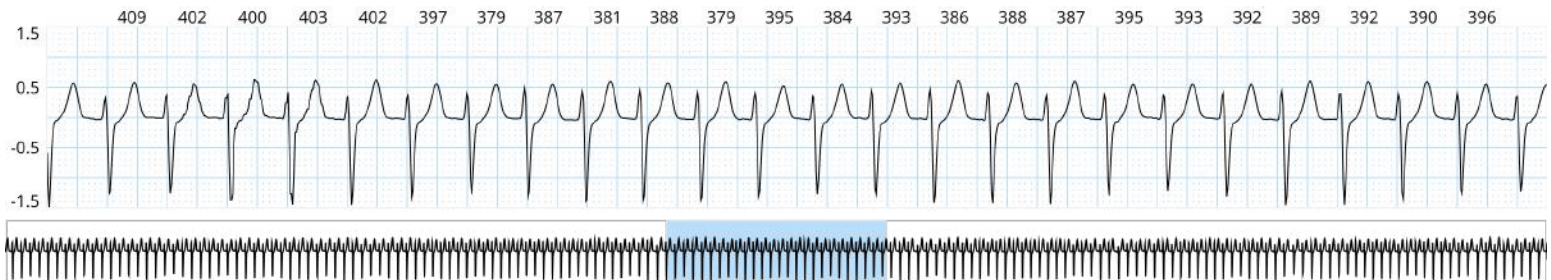
HR: 100bpm



**Comment:** Maximum sinus rate - PR interval 170ms

2. 28/02/2021 13:53:33

HR: 153bpm

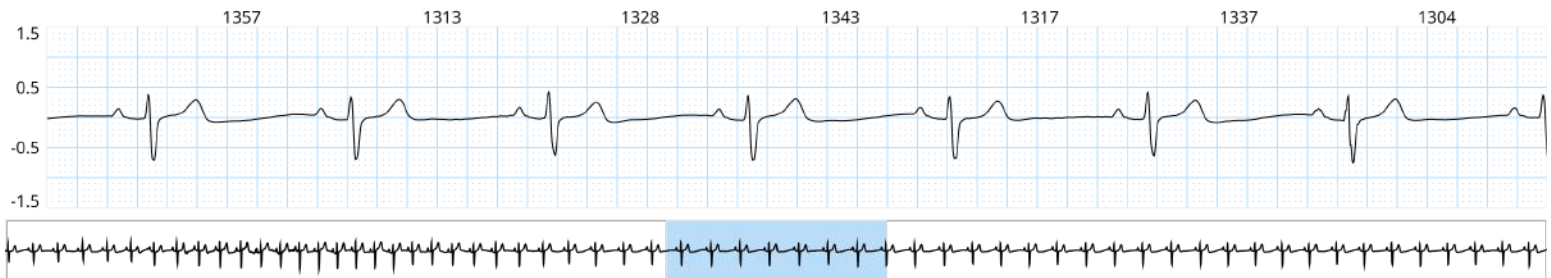


**Comment:** Maximum NCT rate

## Min HR

3. 27/02/2021 02:35:33

HR: 45bpm



**Comment:** Minimum heart rate - PR interval 206ms



## Sinus

4. 24/02/2021 05:33:20

HR: 69bpm



**Comment:** PR interval - 237ms

5. 26/02/2021 02:27:56

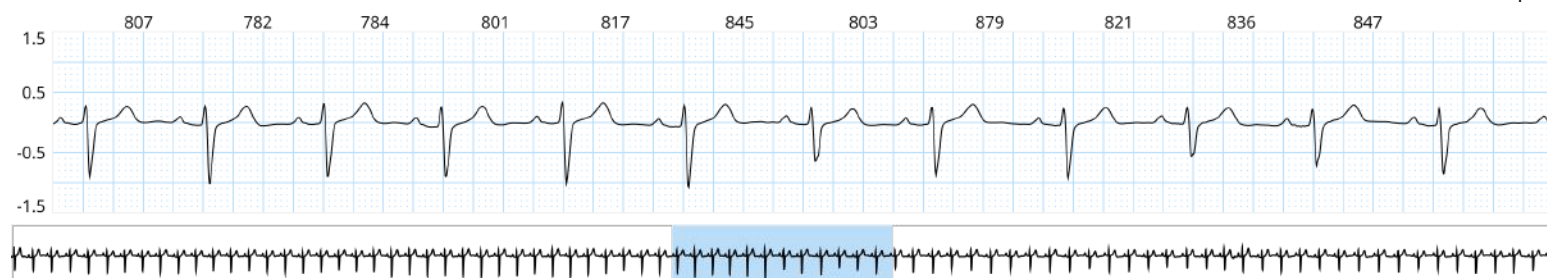
HR: 68bpm



**Comment:** PR interval - 259ms

6. 26/02/2021 23:21:33

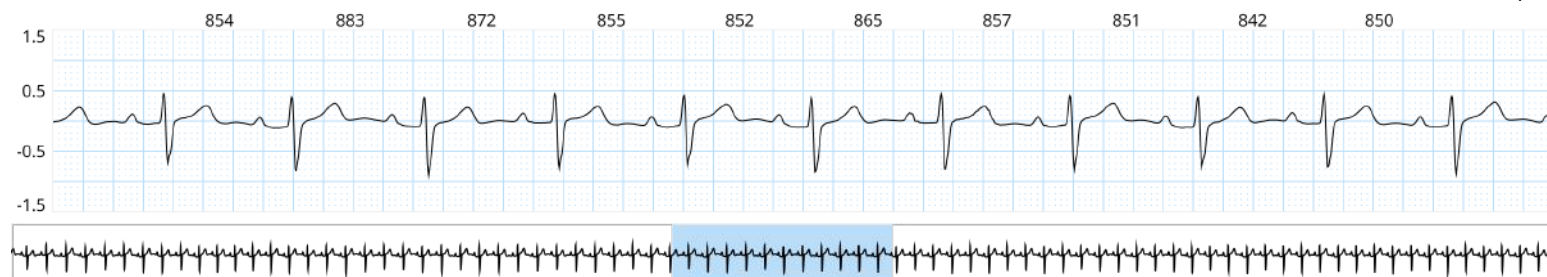
HR: 73bpm



**Comment:** PR interval - 197ms

7. 28/02/2021 00:47:09

HR: 70bpm

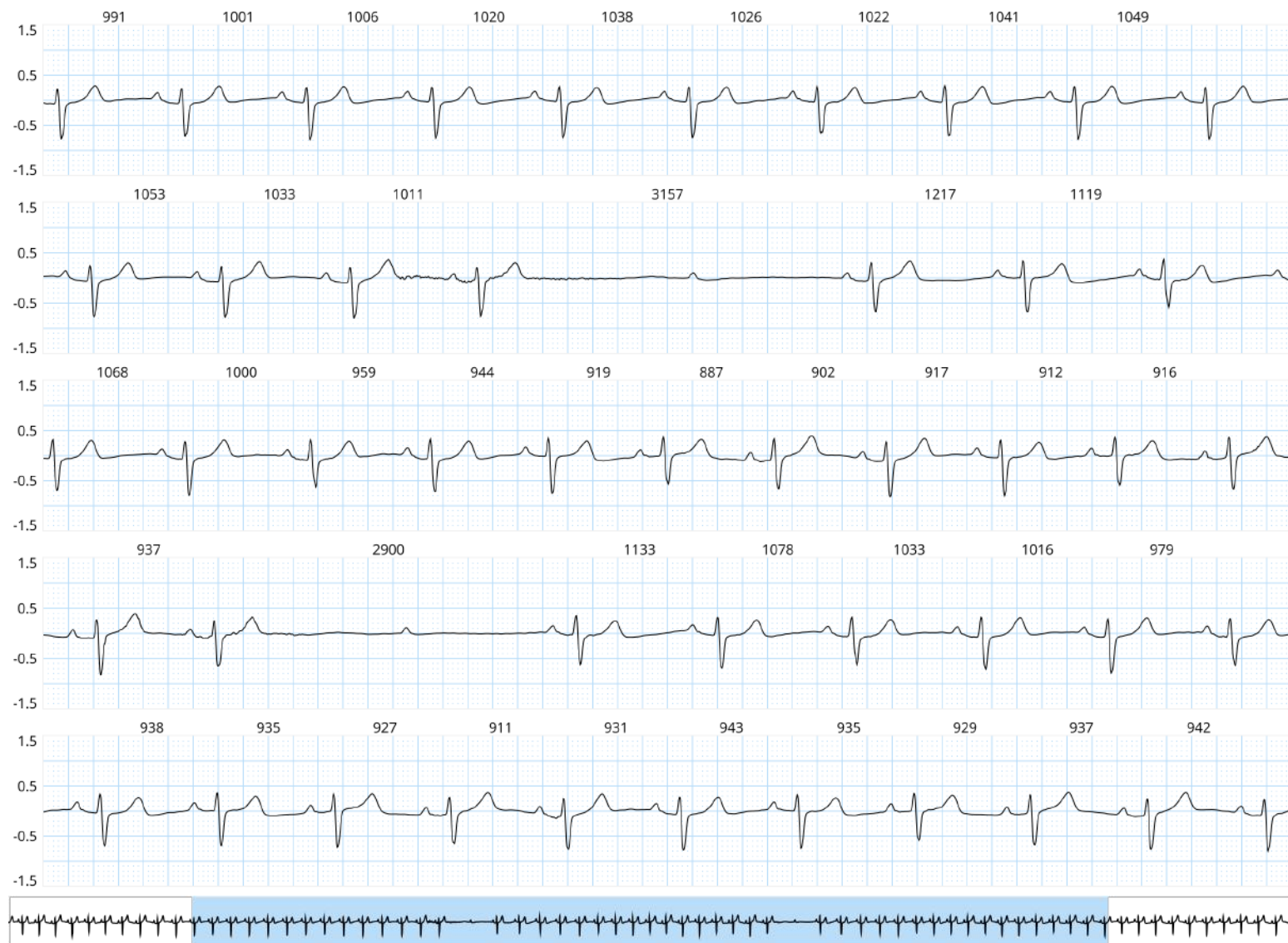


**Comment:** PR interval - 225ms

## Pause

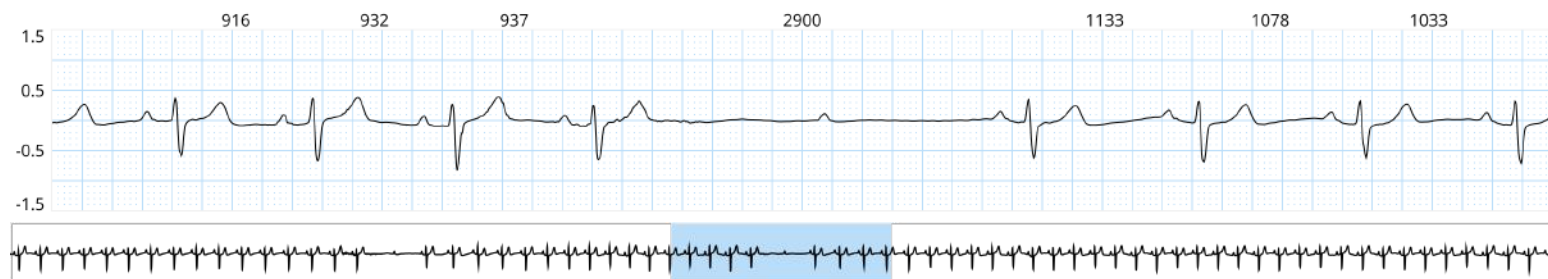
8. 23/02/2021 02:29:53

Duration: 3,157ms



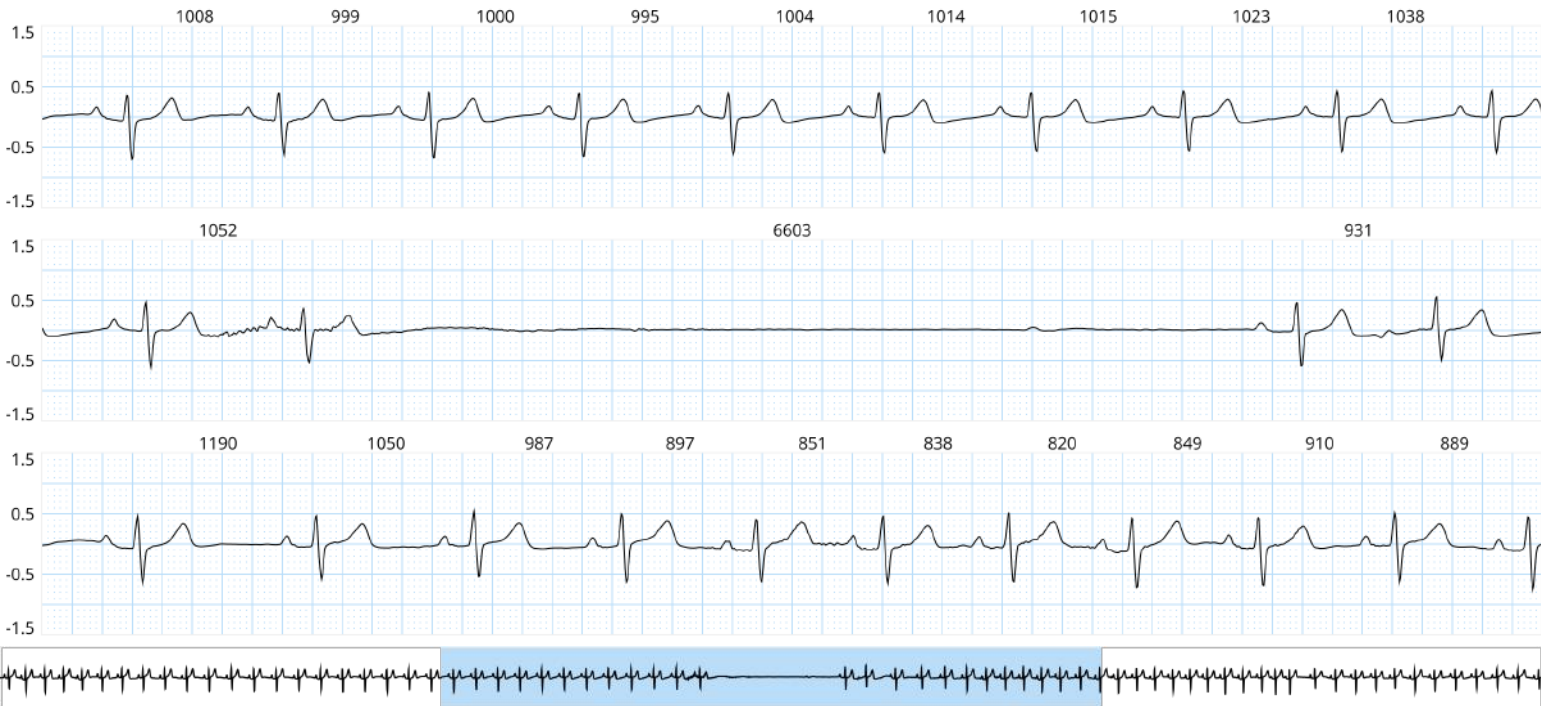
9. 23/02/2021 02:30:21

Duration: 2,900ms



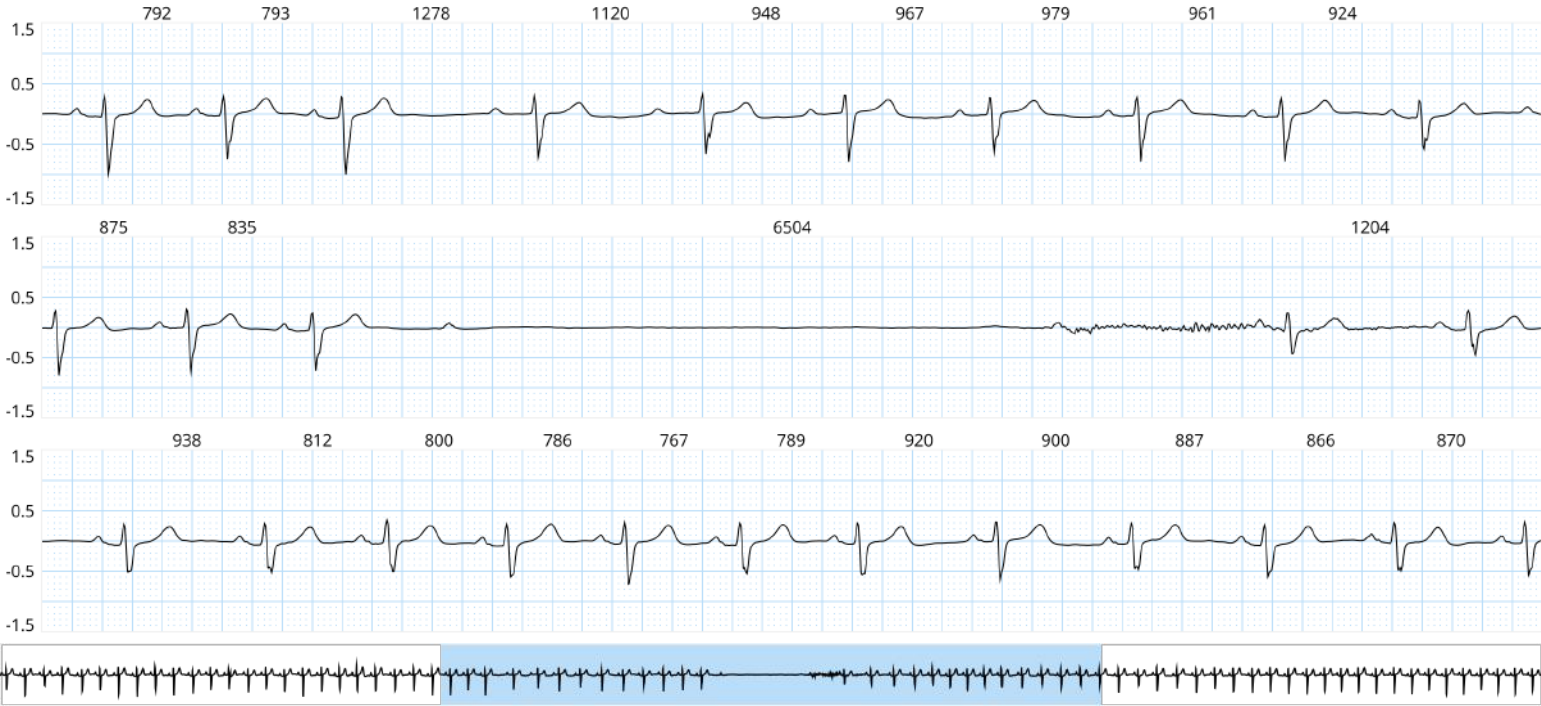
10. 23/02/2021 06:32:38

Duration: 6,603ms



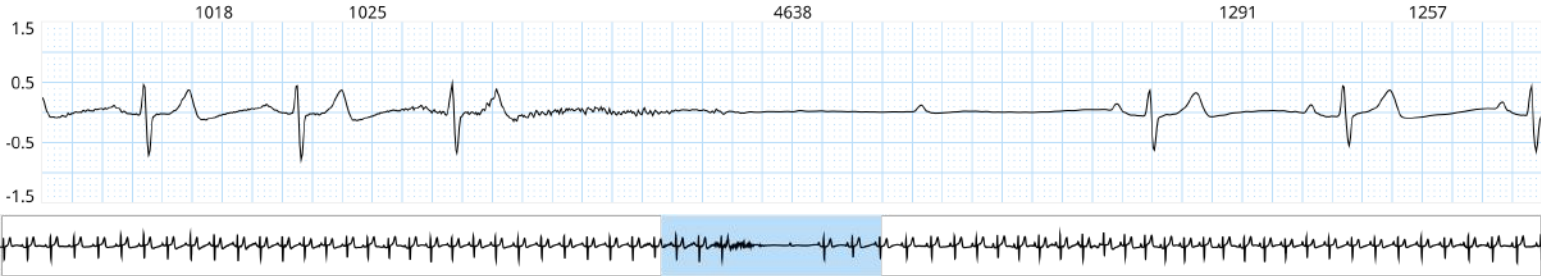
11. 24/02/2021 22:43:52

Duration: 6,504ms

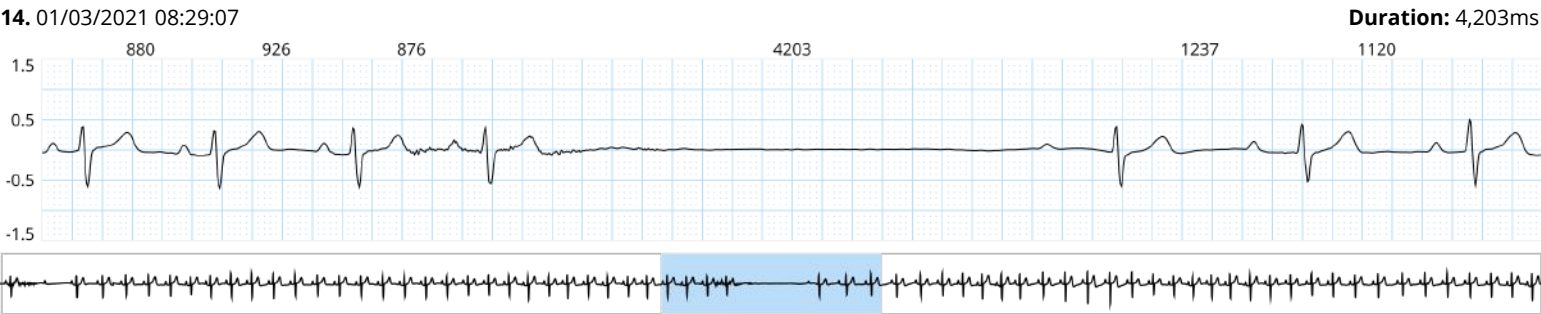


12. 28/02/2021 08:43:49

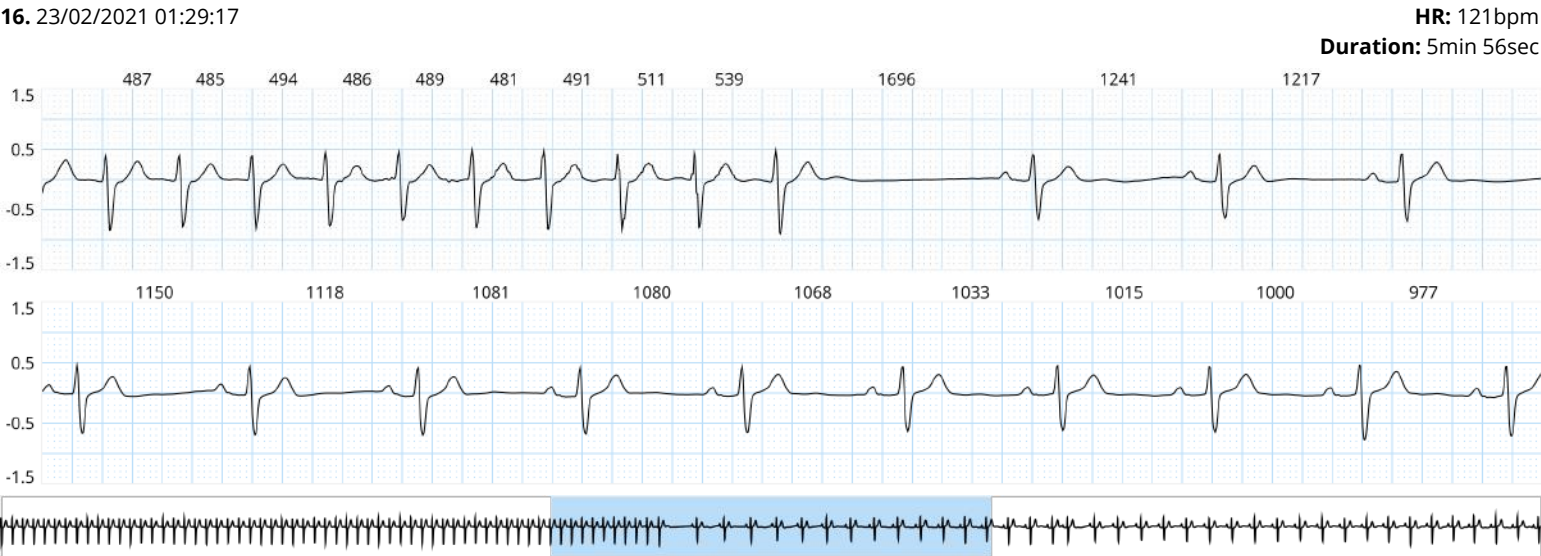
Duration: 4,638ms





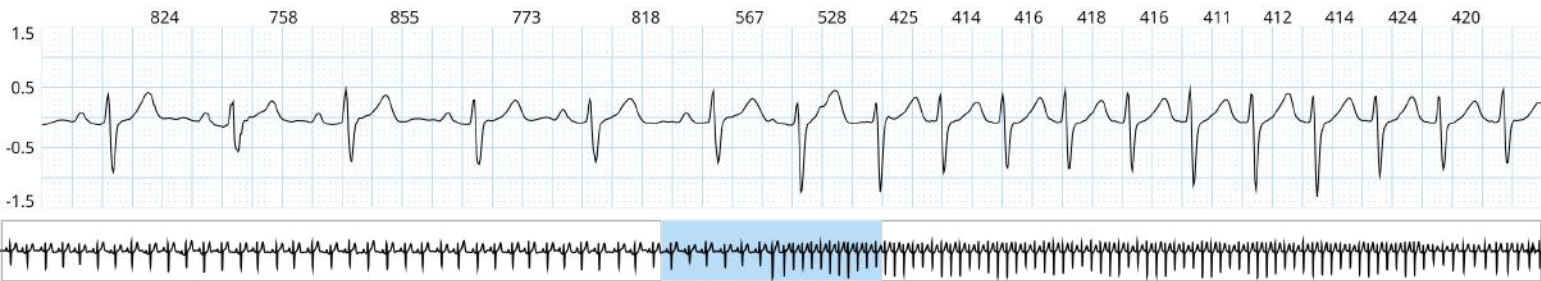


Other SVT



17. 24/02/2021 10:19:10

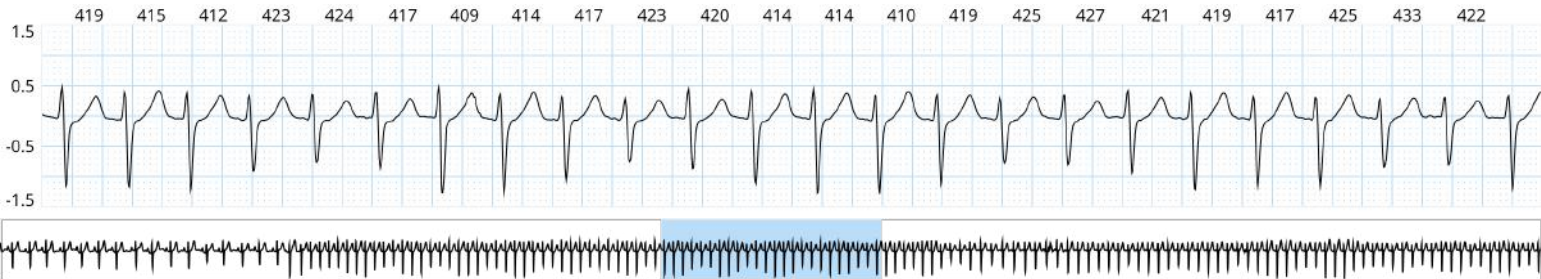
HR: 140bpm  
Duration: 6min 48sec



Comment: Onset 6min 47s atrially led run

18. 24/02/2021 10:19:32

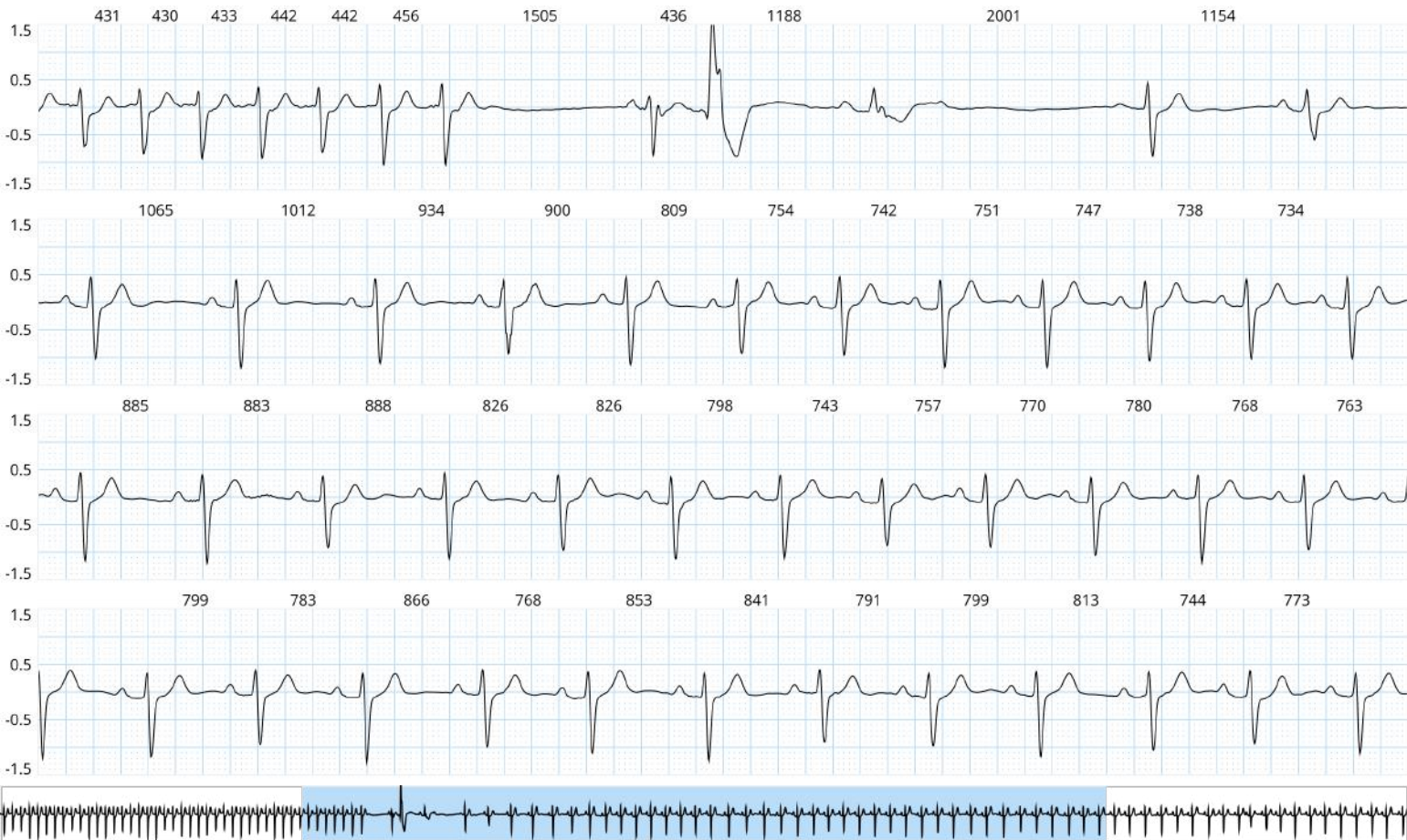
HR: 143bpm  
Duration: 6min 48sec



Comment: Mid 6min 47s atrially led run

19. 24/02/2021 10:25:57

HR: 105bpm  
Duration: 6min 48sec



Comment: Offset 6min 47s atrially led run



20. 25/02/2021 10:06:45

HR: 136bpm

Duration: 44min 11sec

Episode Associated to a Patient Event



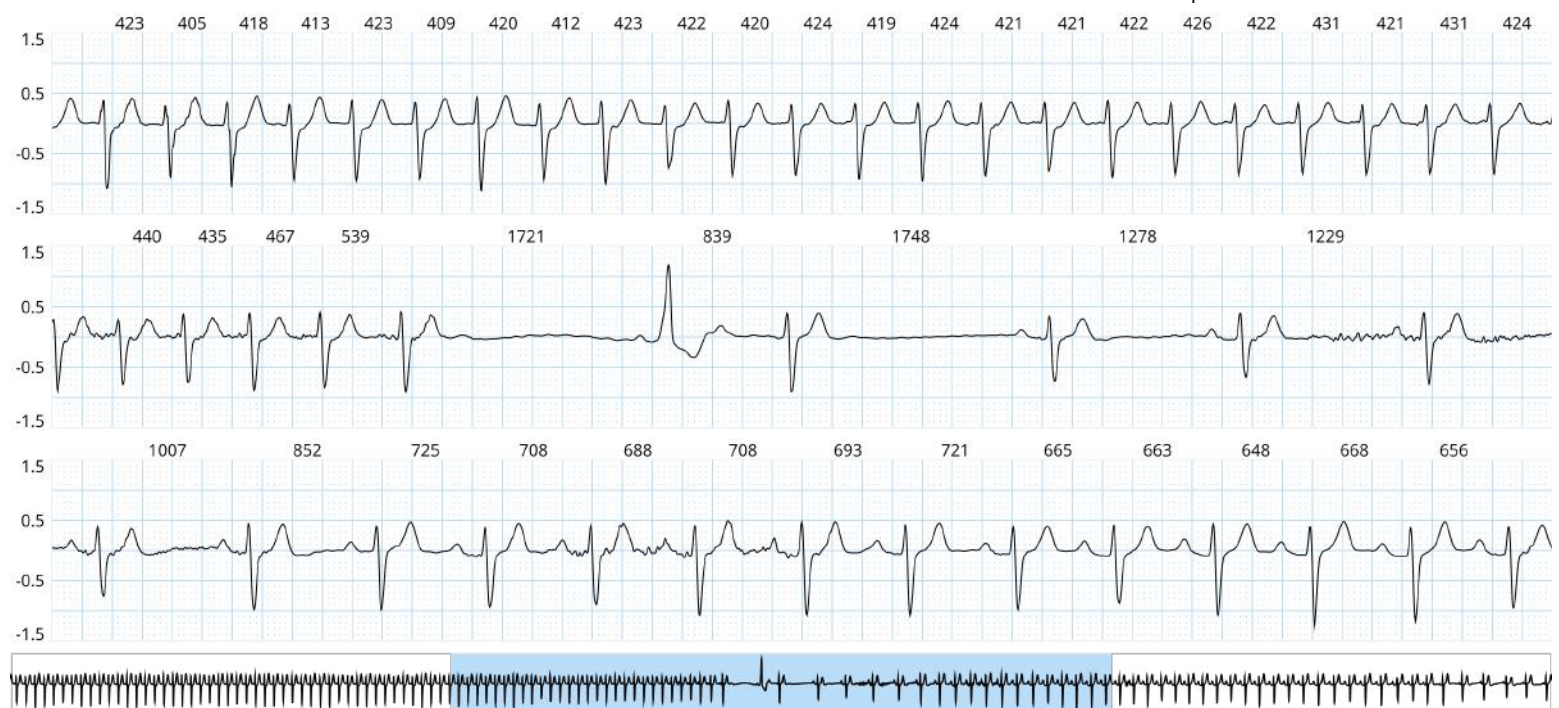
**Comment:** Onset 44min 11s atrially led run

21. 25/02/2021 10:50:56

HR: 124bpm

Duration: 44min 11sec

Episode Associated to a Patient Event



**Comment:** Offset 44min 11s atrially led run

22. 25/02/2021 12:14:23

HR: 141bpm

Duration: 3min 28sec



23. 25/02/2021 12:18:01

HR: 133bpm

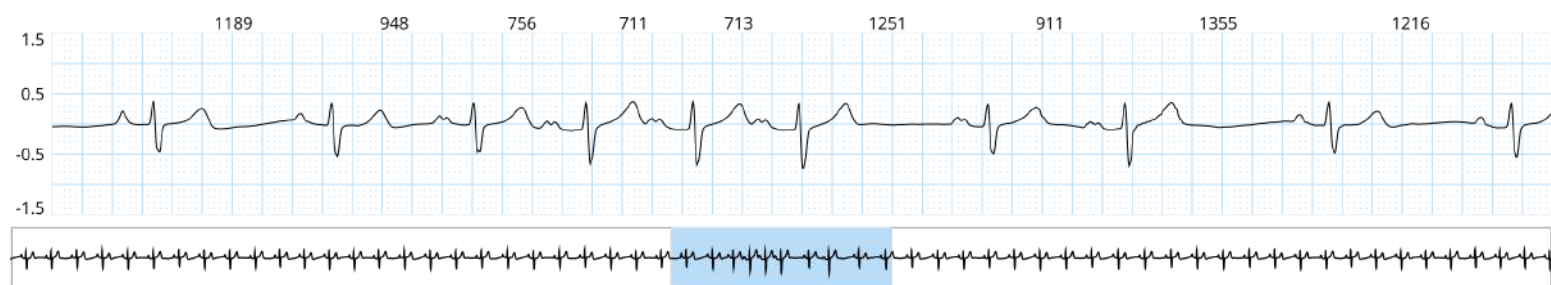
Duration: 3min 28sec



24. 26/02/2021 03:45:54

HR: 69bpm

Duration: 6 beats



25. 26/02/2021 07:57:27

HR: 98bpm

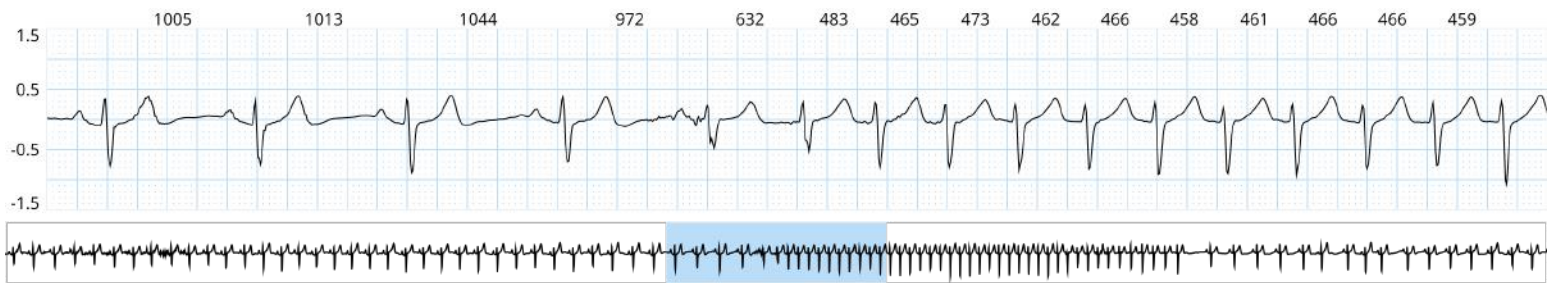
Duration: 7 beats





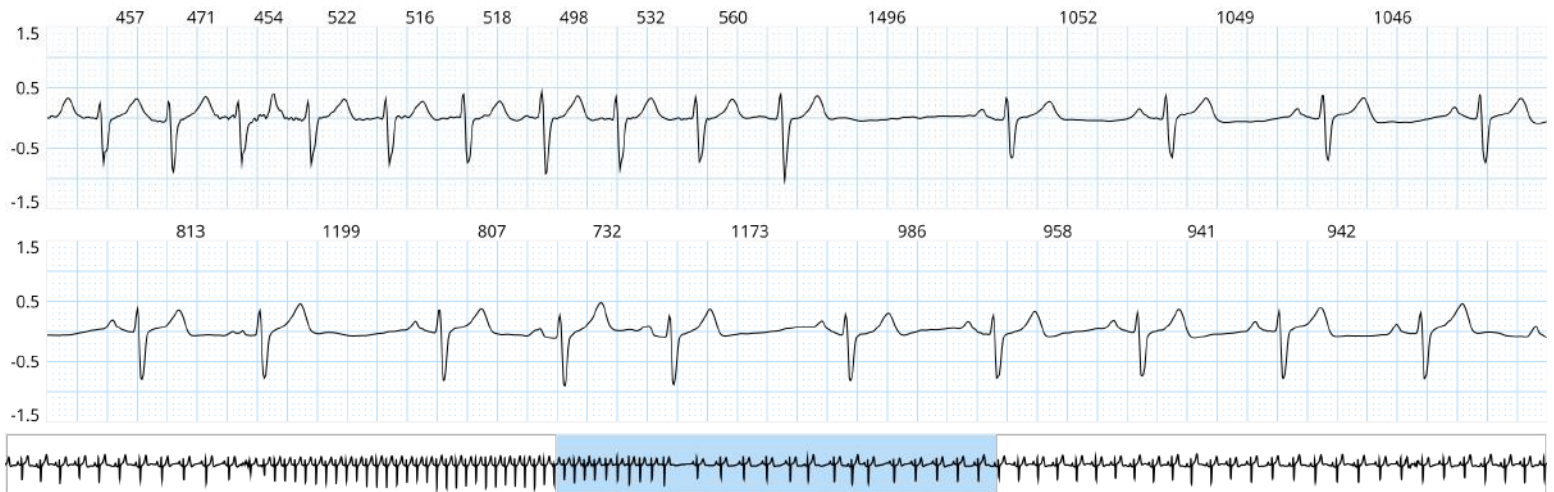
26. 27/02/2021 15:18:45

HR: 129bpm  
Duration: 40 beats



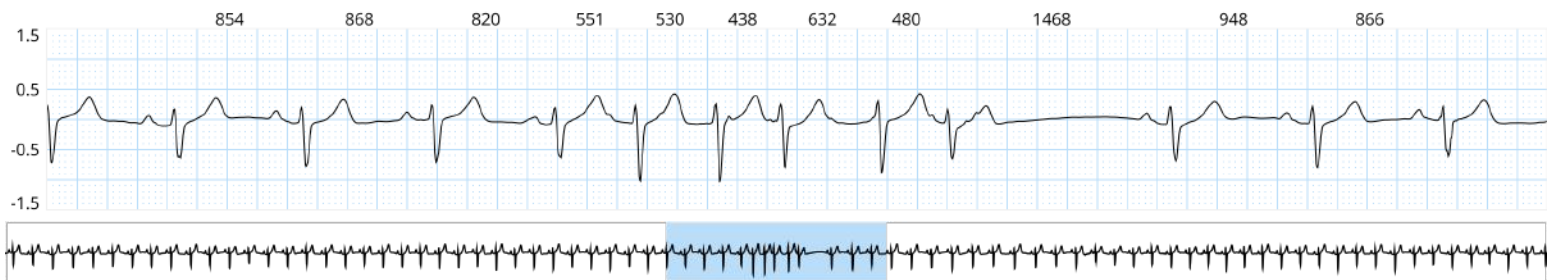
27. 27/02/2021 15:19:03

HR: 119bpm  
Duration: 40 beats



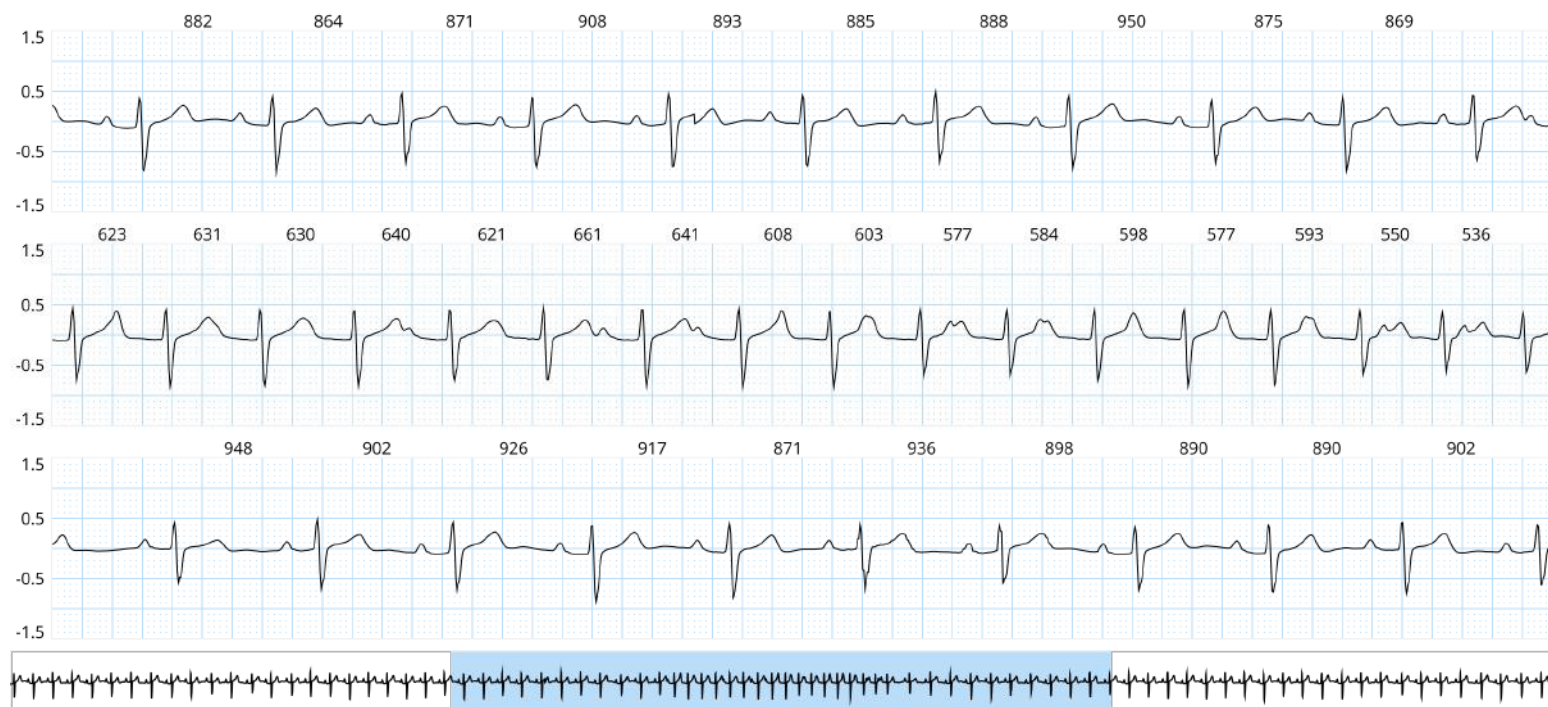
28. 27/02/2021 16:34:28

HR: 115bpm  
Duration: 5 beats



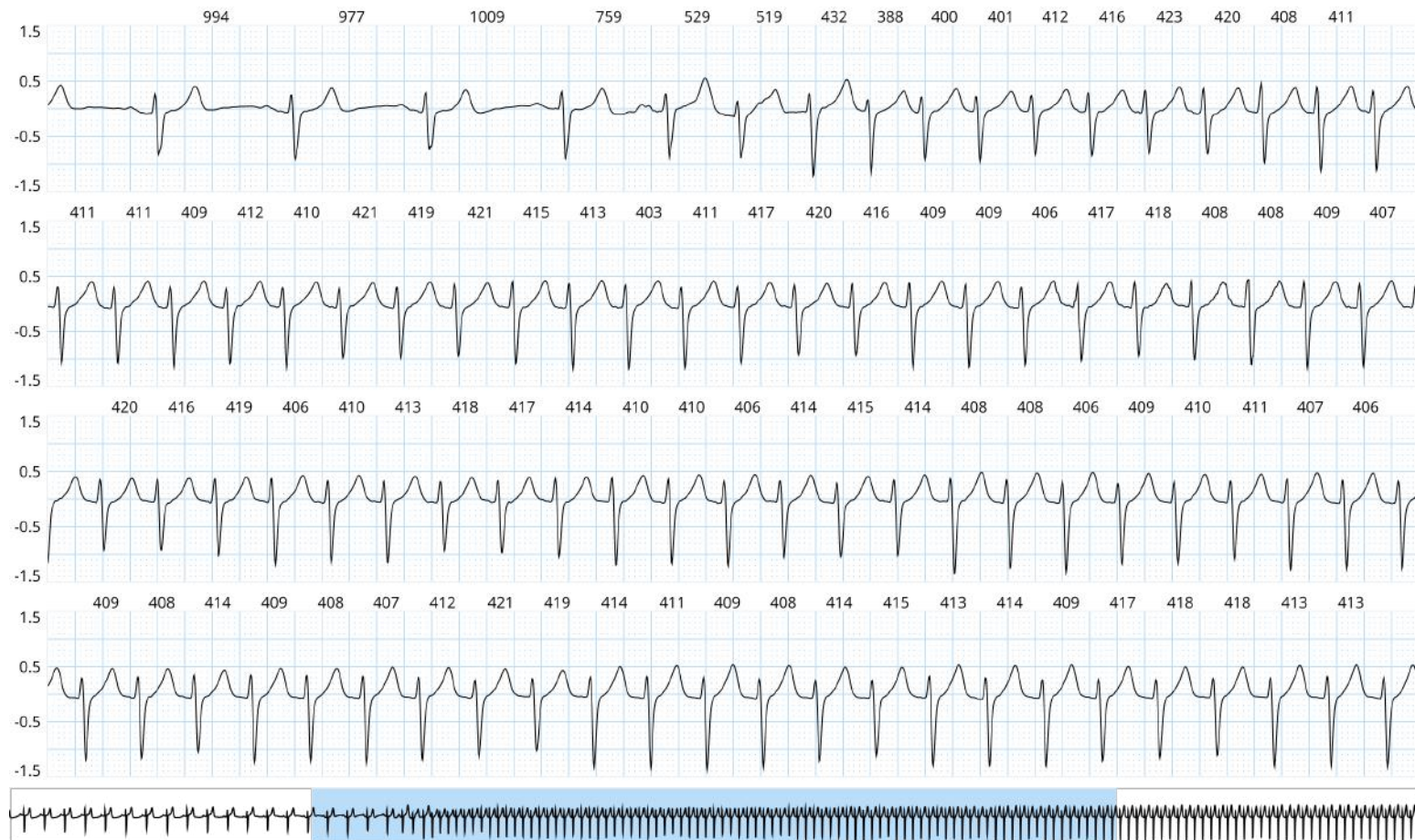
29. 28/02/2021 01:18:38

HR: 99bpm  
Duration: 17 beats



30. 28/02/2021 13:25:14

HR: 145bpm  
Duration: 28min 58sec



Comment: Onset 28min 58s atrially led run



31. 28/02/2021 13:54:13

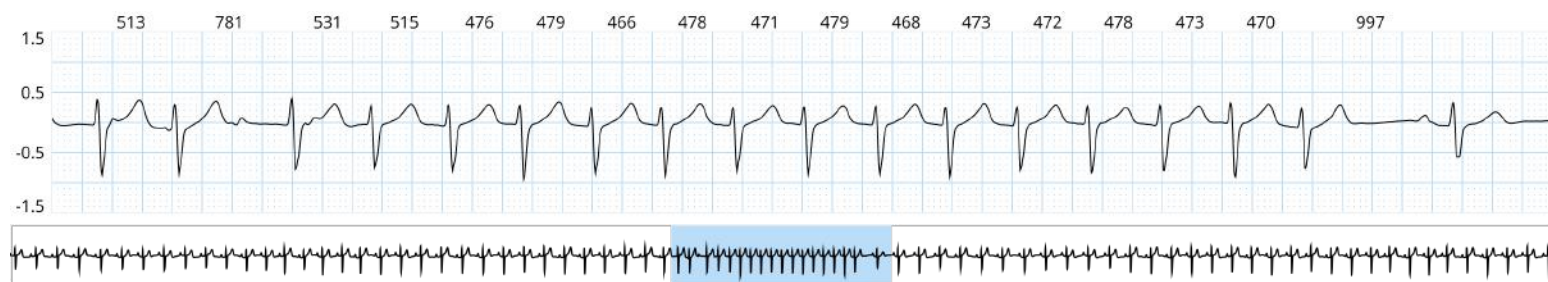
HR: 138bpm  
Duration: 28min 58sec



Comment: Offset 28min 58s atrially led run

32. 01/03/2021 01:42:08

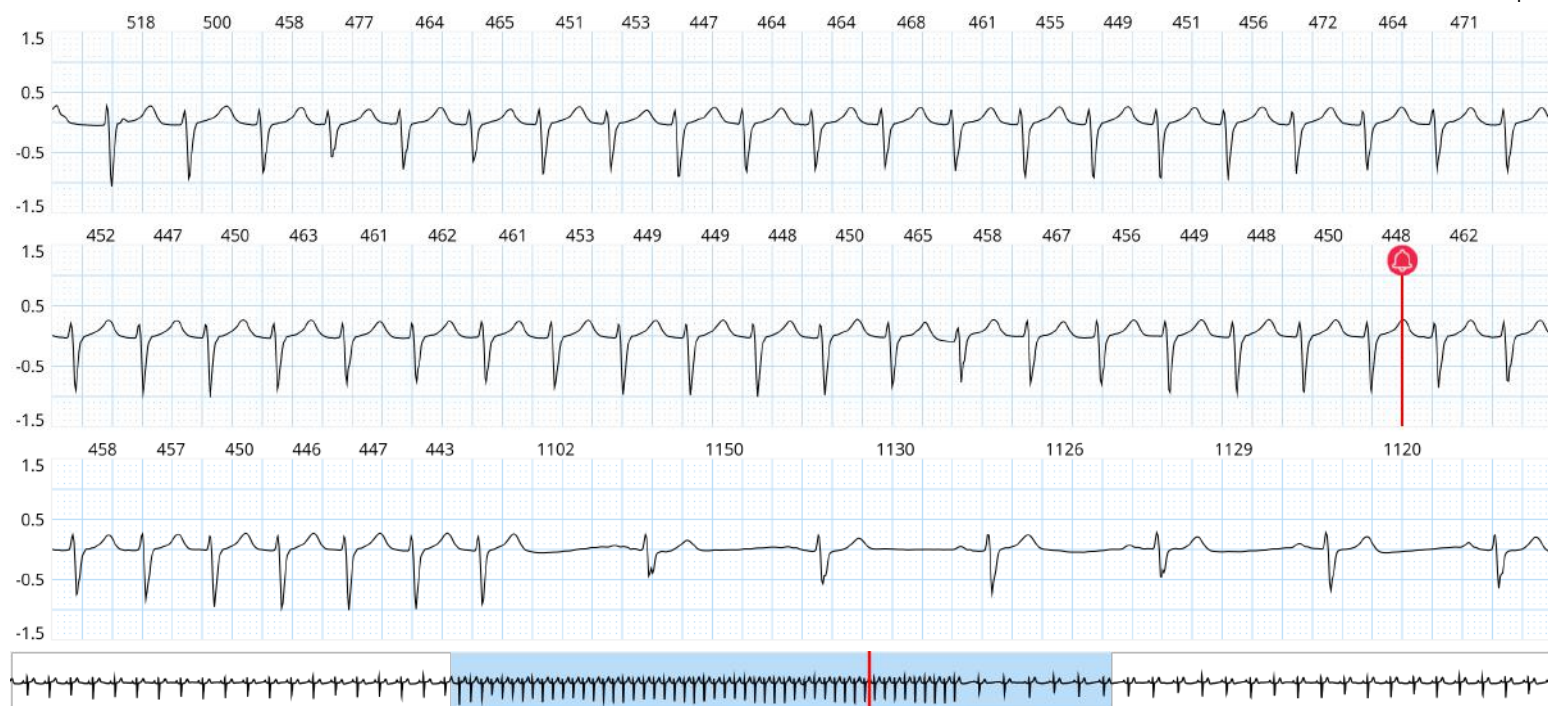
HR: 125bpm  
Duration: 15 beats



## Patient Event

33. 23/02/2021 19:38:45

Symptoms: Palpitations/Skipping  
Related Episode: Other SVT  
HR: 113bpm

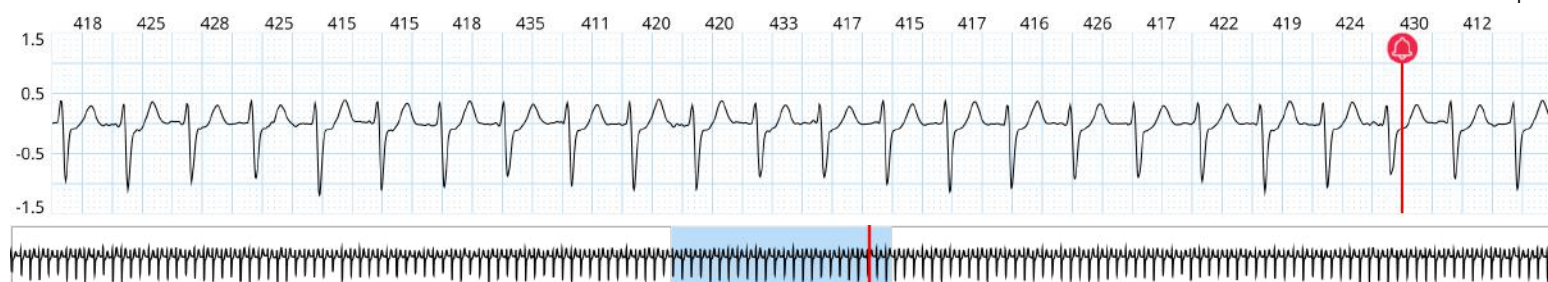


34. 25/02/2021 10:15:05

Symptoms: Palpitations/Skipping

Related Episode: Other SVT

HR: 143bpm



## PSVC

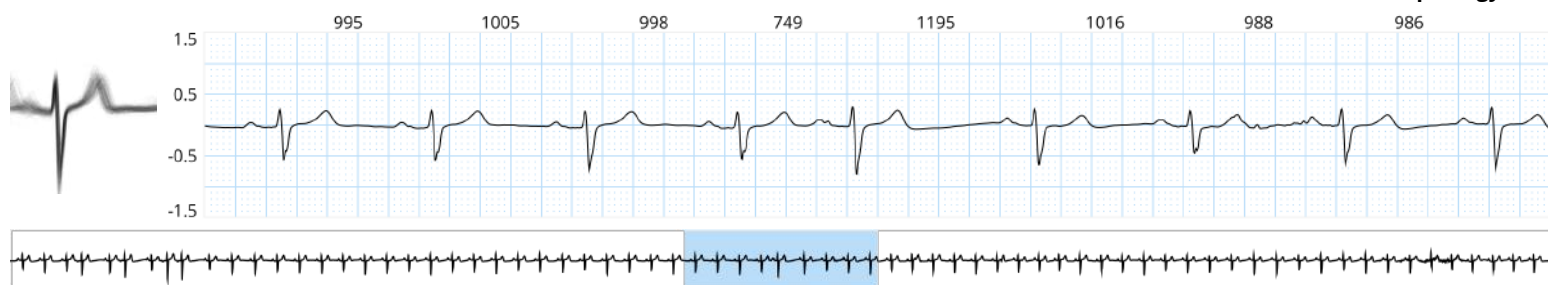
35. 23/02/2021 20:18:15

Count in Morphology: 21



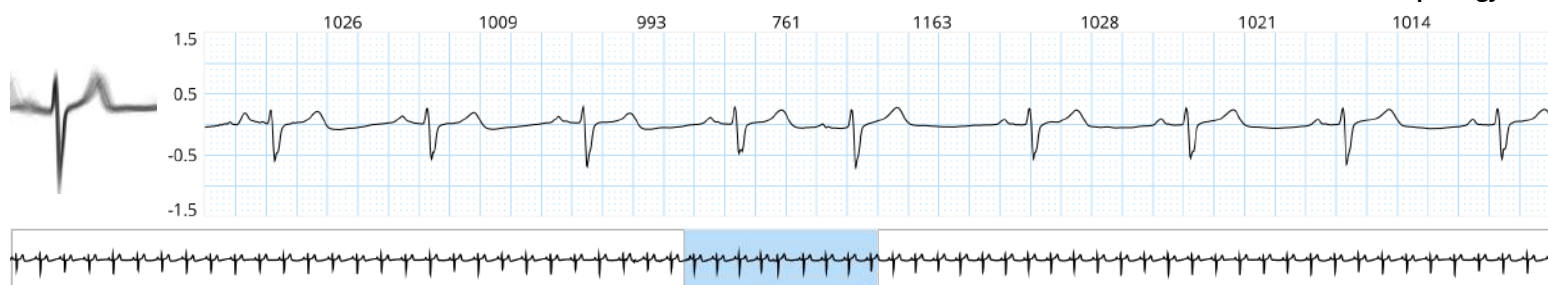
36. 24/02/2021 21:36:39

Count in Morphology: 404



37. 25/02/2021 20:00:10

Count in Morphology: 404





Supraventricular Couplet

38. 24/02/2021 07:25:15



PVC

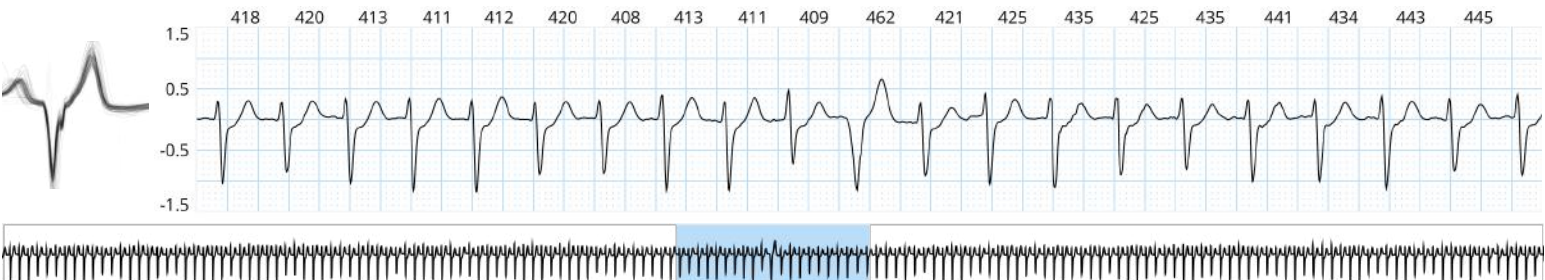
39. 23/02/2021 02:00:28

Count in Morphology: 91



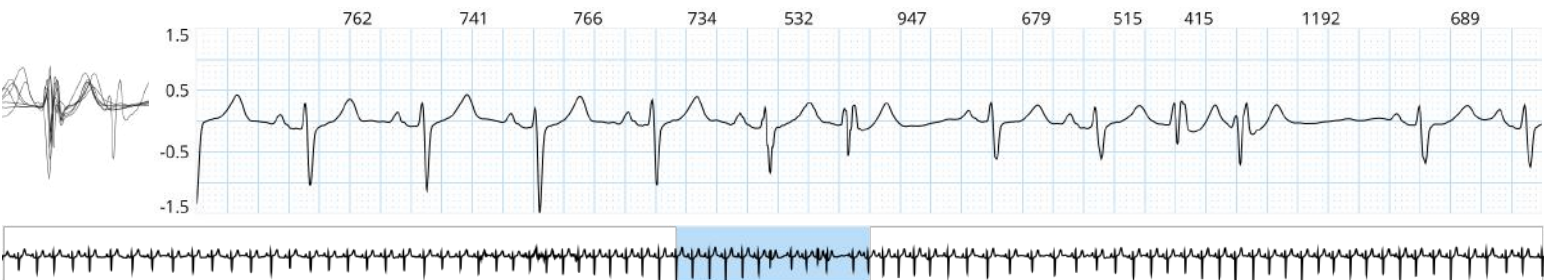
40. 24/02/2021 10:25:09

Count in Morphology: 91



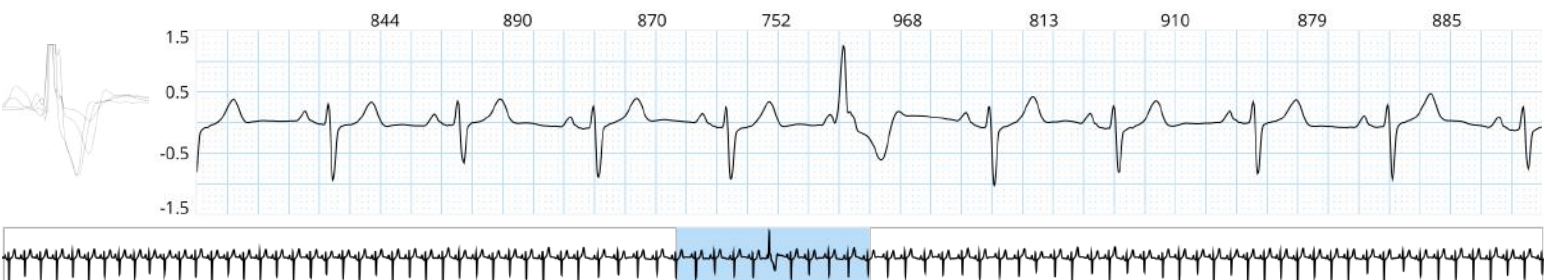
41. 26/02/2021 09:22:16

Count in Morphology: 7



42. 26/02/2021 09:25:05

Count in Morphology: 4





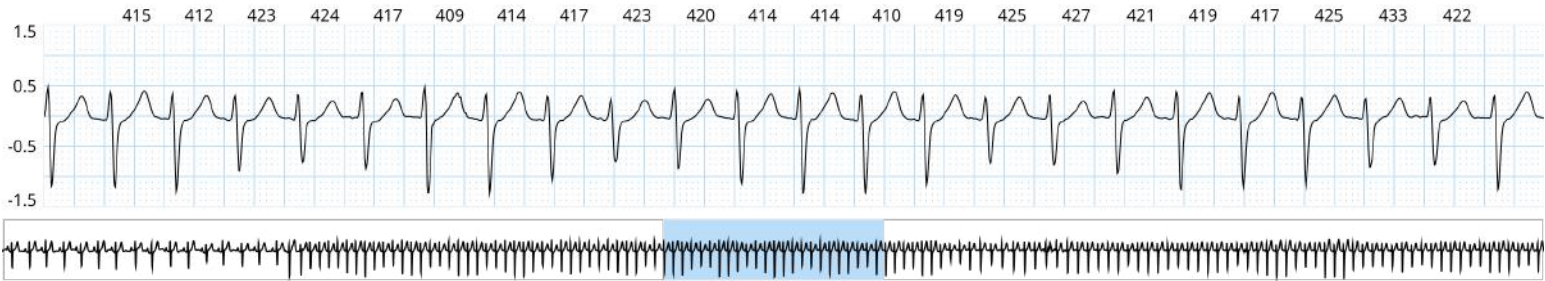
Ventricular Couplet

43. 26/02/2021 09:22:18



Manually Added

44. 24/02/2021 10:19:32



**Comment:** Mid 6min 47s atrially led run