Holter Report

Generated at 2024-12-12 14:23:00 GMT

HeartTec Solutions

Patient

ID	[redacted]
Name	[redacted]
Date of birth	[redacted]
Gender	Male
Pacemaker	N/A

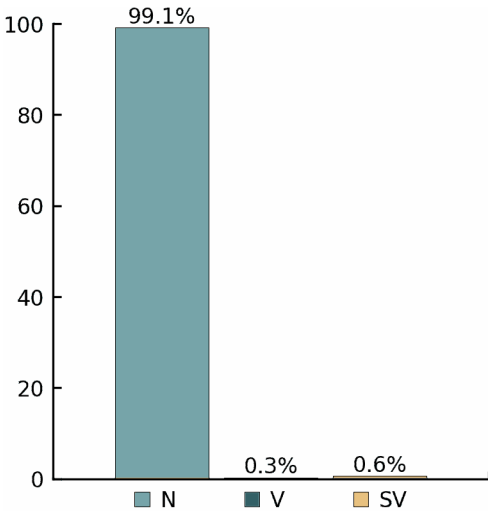
Clinic

Approved by	HeartTec Solutions
Date	2024-12-12
Signature	

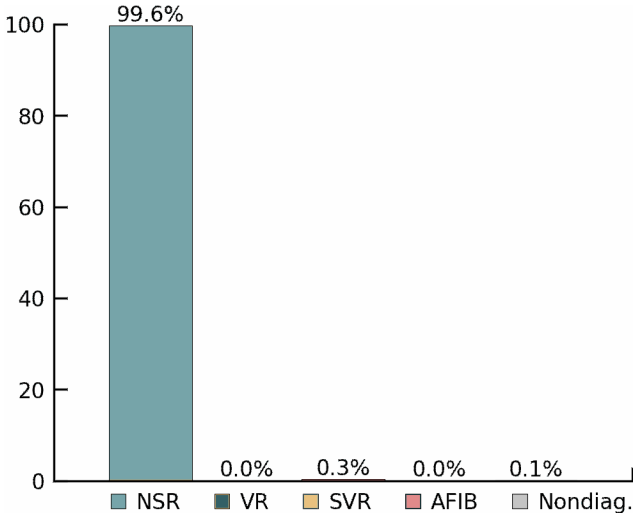
Examination overview

Start 2024-12-05, 08:30:27 **End** 2024-12-07, 08:20:02 **Duration** 1 d 23 h 49 min

Beats



Rhythms

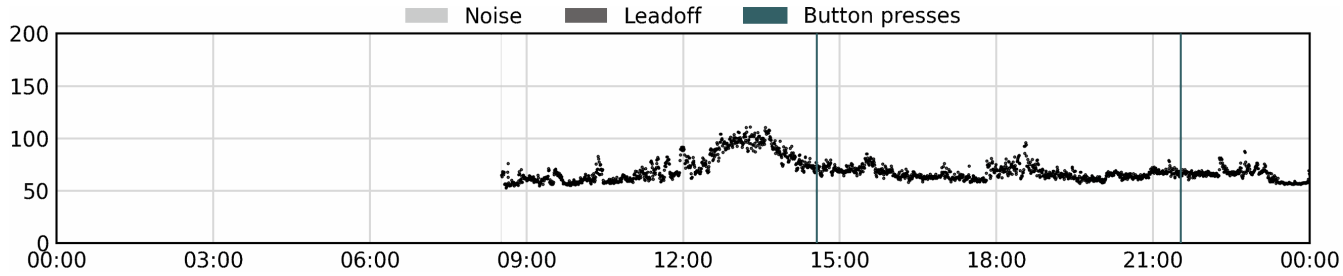


Heart rate		Ventricular		Supraventricular	
Total beats	176027	**Total V beats**	495	**Total S beats**	1097
Average HR	61 bpm	**Couplets**	4	**Couplets**	2
Slowest HR	44 bpm	**Runs**	0	**Runs**	0
Fastest HR	111 bpm	**Tachycardias**	0	**Tachycardias**	1
Sinus tachycardias	6	**Bigeminies**	1	**Bigeminies**	39
Sinus bradycardias	33	**Trigeminies**	0	**Trigeminies**	21
Pauses	0	**Idioventricular**	0	**AFIB/AFL**	0%

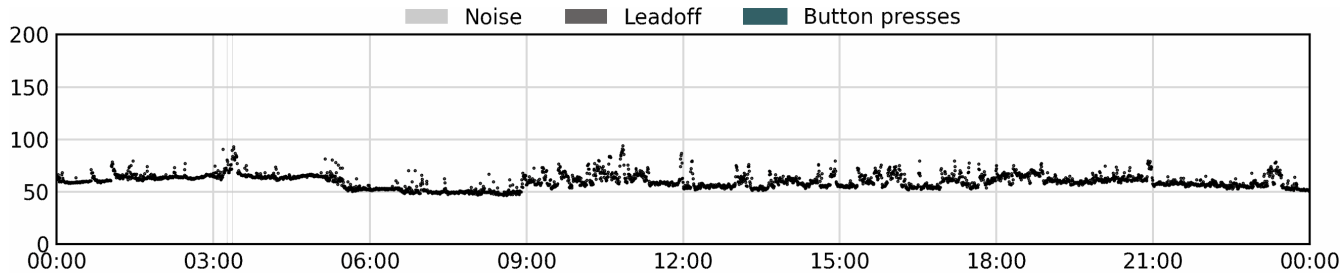
Summary

The duration of the recording is 1 d 23 h 49 min. 100% of the signal was of sufficient quality for analysis.
The average heart rate was 61 bpm. The fastest heart rate was 111 bpm at 13:16 (Day 1).
The slowest heart rate was 44 bpm at 04:31 (Day 3).
Rhythm analysis detected 6 episodes of sinus tachycardia, the longest being 1 min starting at 13:25 (Day 1).
Rhythm analysis detected 33 episodes of sinus bradycardia, the longest being 4 min starting at 06:10 (Day 3).
Rhythm analysis detected 1 episodes of supraventricular tachycardia, the longest being 2.4 s starting at 13:18 (Day 2).
495 ventricular beats were detected. Including: 4 couplets and 1 bigeminies.
1097 supraventricular beats were detected. Including: 2 couplets, 21 trigeminies and 39 bigeminies.

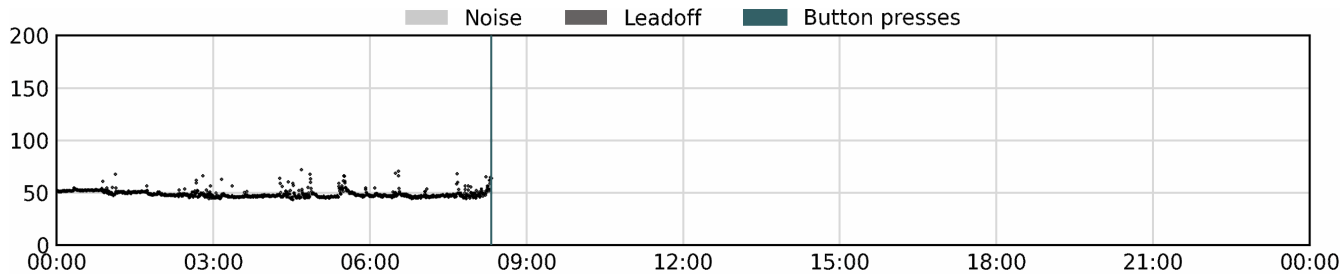
Day 1 of 3 overview



Day 2 of 3 overview



Day 3 of 3 overview



Day 1 of 3 heart rate table

Time		Heart Rate				Beats			
From	To	Average HR	Min HR	Max HR	Pauses	Total	V	SV	Nondiag. part
00:00	03:00	-	-	-	-	-	-	-	-
03:00	06:00	-	-	-	-	-	-	-	-
06:00	09:00	60	53	76	0	1759	13	4	1%
09:00	12:00	64	55	92	0	11532	62	16	0%
12:00	15:00	84	62	111	0	15133	70	53	0%
15:00	18:00	67	58	86	0	12038	46	10	0%
18:00	21:00	67	57	96	0	12007	30	9	0%
21:00	00:00	66	56	88	0	11865	20	6	0%

Day 2 of 3 heart rate table

Time		Heart Rate				Beats			
From	To	Average HR	Min HR	Max HR	Pauses	Total	V	SV	Nondiag. part
00:00	03:00	63	58	79	0	11452	10	7	0%
03:00	06:00	64	50	93	0	11501	14	30	0%
06:00	09:00	51	47	71	0	9365	28	380	0%
09:00	12:00	63	53	94	0	11441	24	33	0%
12:00	15:00	58	51	80	0	10567	14	32	0%
15:00	18:00	60	52	80	0	10901	49	10	0%
18:00	21:00	63	57	80	0	11442	17	10	0%
21:00	00:00	58	51	78	0	10382	13	16	0%

Day 3 of 3 heart rate table

00:00	03:00	51	45	68	0	9129	35	102	0%
03:00	06:00	48	44	73	0	8718	36	129	0%
06:00	09:00	49	45	71	0	6795	14	250	0%
09:00	12:00	-	-	-	-	-	-	-	-
12:00	15:00	-	-	-	-	-	-	-	-
15:00	18:00	-	-	-	-	-	-	-	-
18:00	21:00	-	-	-	-	-	-	-	-
21:00	00:00	-	-	-	-	-	-	-	-

Day 1 of 3 rhythms

Time		Sinus		Ventricular		Supraventricular		
From	To	Brady-cardia	Tachy-cardia	Idioven-tricular	Tachy-cardia	Tachy-cardia	AFIB/AFL	Nondiag. part
00:00	03:00	-	-	-	-	-	-	-
03:00	06:00	-	-	-	-	-	-	-
06:00	09:00	0%	0%	0%	0%	0%	0%	1%
09:00	12:00	0%	0%	0%	0%	0%	0%	0%
12:00	15:00	0%	3%	0%	0%	0%	0%	0%
15:00	18:00	0%	0%	0%	0%	0%	0%	0%
18:00	21:00	0%	0%	0%	0%	0%	0%	0%
21:00	00:00	0%	0%	0%	0%	0%	0%	0%

Day 2 of 3 rhythms

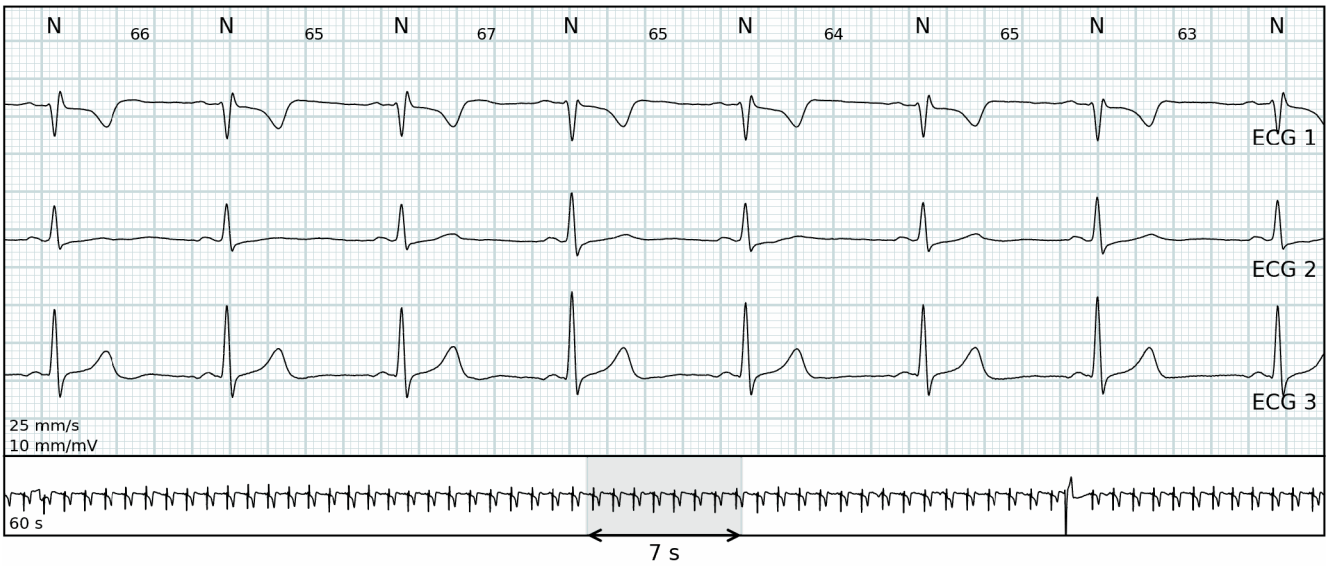
Time		Sinus		Ventricular		Supraventricular		
From	To	Brady-cardia	Tachy-cardia	Idioven-tricular	Tachy-cardia	Tachy-cardia	AFIB/AFL	Nondiag. part
00:00	03:00	0%	0%	0%	0%	0%	0%	0%
03:00	06:00	0%	0%	0%	0%	0%	0%	0%
06:00	09:00	9%	0%	0%	0%	0%	0%	0%
09:00	12:00	0%	0%	0%	0%	0%	0%	0%
12:00	15:00	0%	0%	0%	0%	0%	0%	0%
15:00	18:00	0%	0%	0%	0%	0%	0%	0%
18:00	21:00	0%	0%	0%	0%	0%	0%	0%
21:00	00:00	0%	0%	0%	0%	0%	0%	0%

Day 3 of 3 rhythms

00:00	03:00	3%	0%	0%	0%	0%	0%	0%
03:00	06:00	7%	0%	0%	0%	0%	0%	0%
06:00	09:00	6%	0%	0%	0%	0%	0%	0%
09:00	12:00	-	-	-	-	-	-	-
12:00	15:00	-	-	-	-	-	-	-
15:00	18:00	-	-	-	-	-	-	-
18:00	21:00	-	-	-	-	-	-	-
21:00	00:00	-	-	-	-	-	-	-

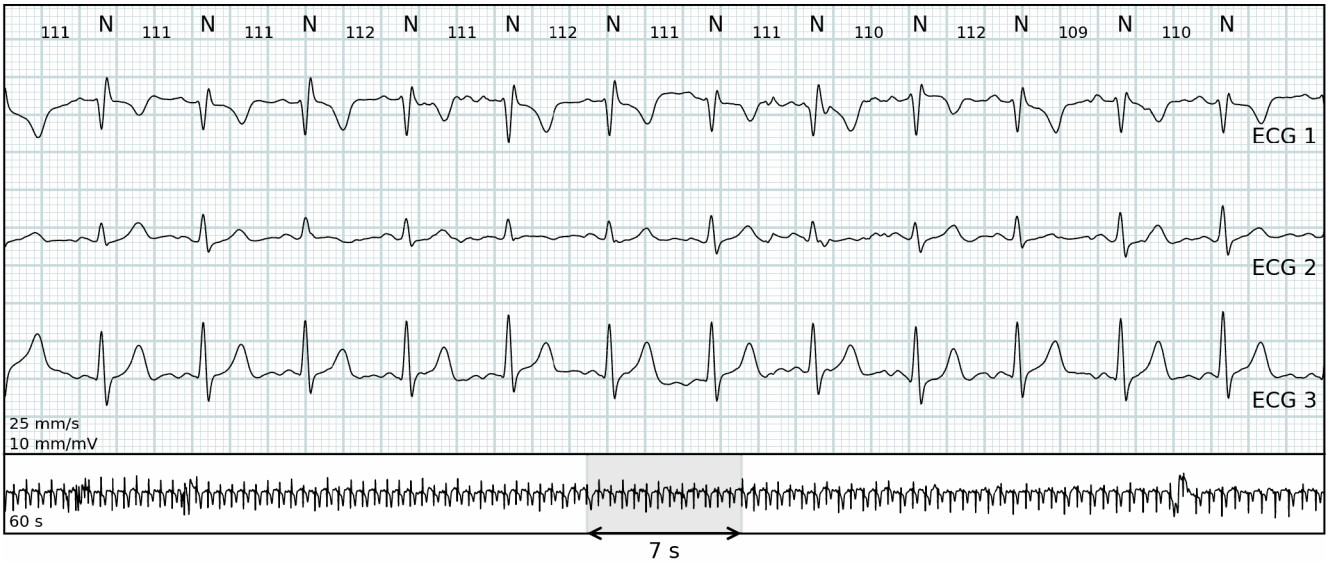
Normal sinus rhythm

08:31:18 (Day 1) HR: 65 bpm



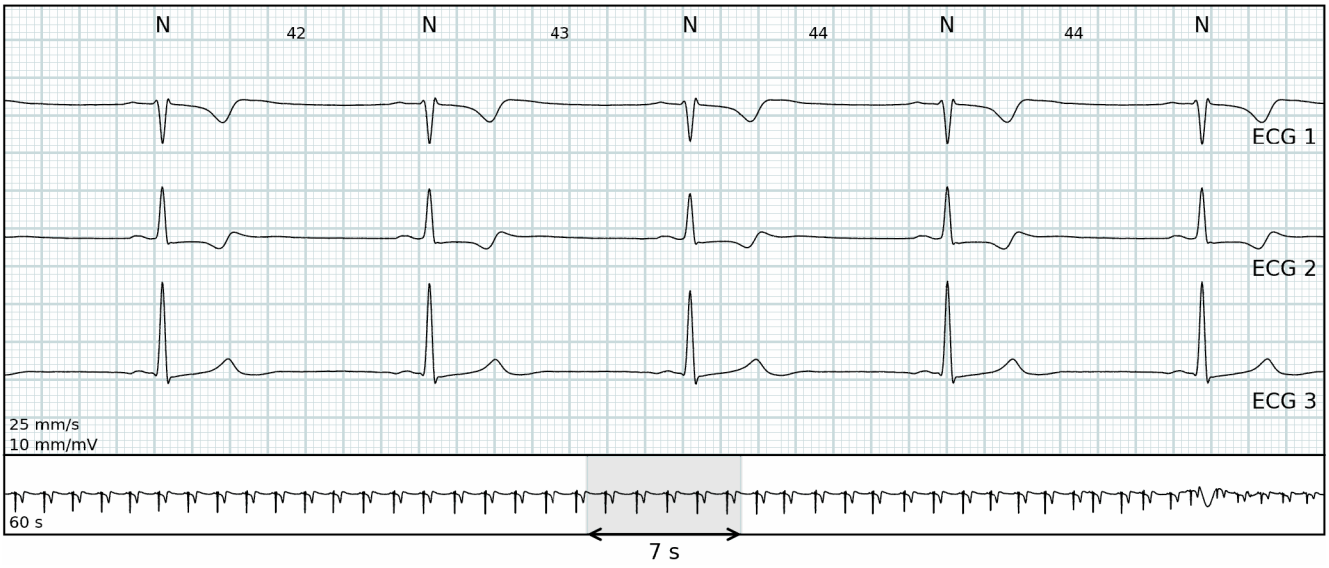
Fastest heart rate

13:16:45 (Day 1) HR: 111 bpm



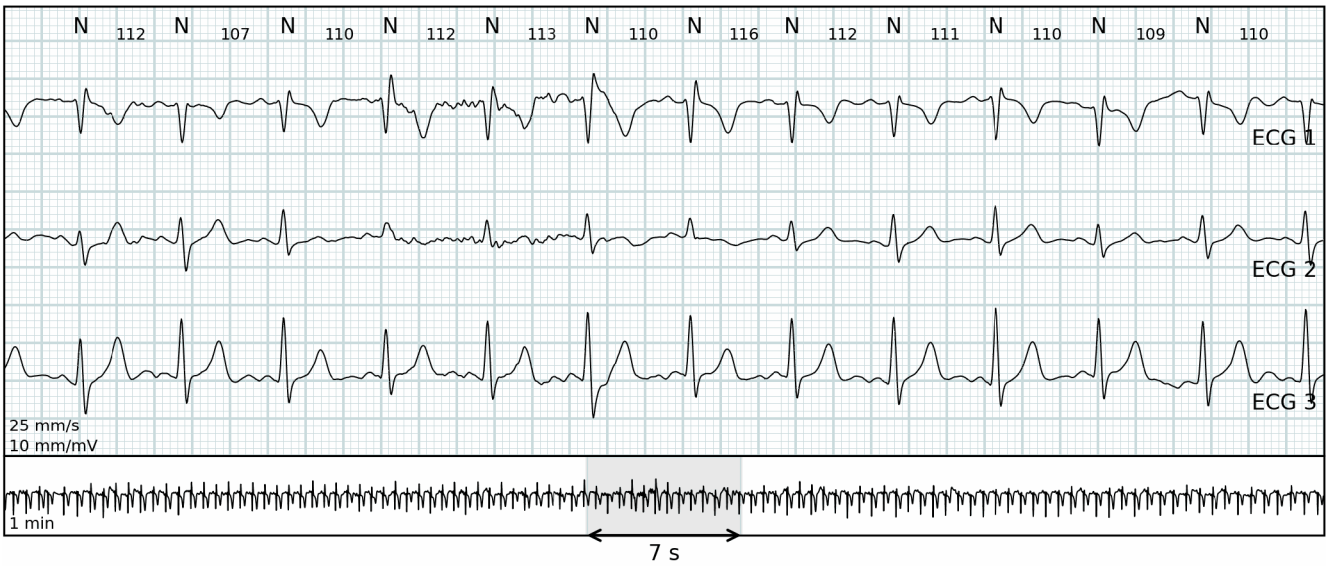
Slowest heart rate

04:30:57 (Day 3) HR: 44 bpm



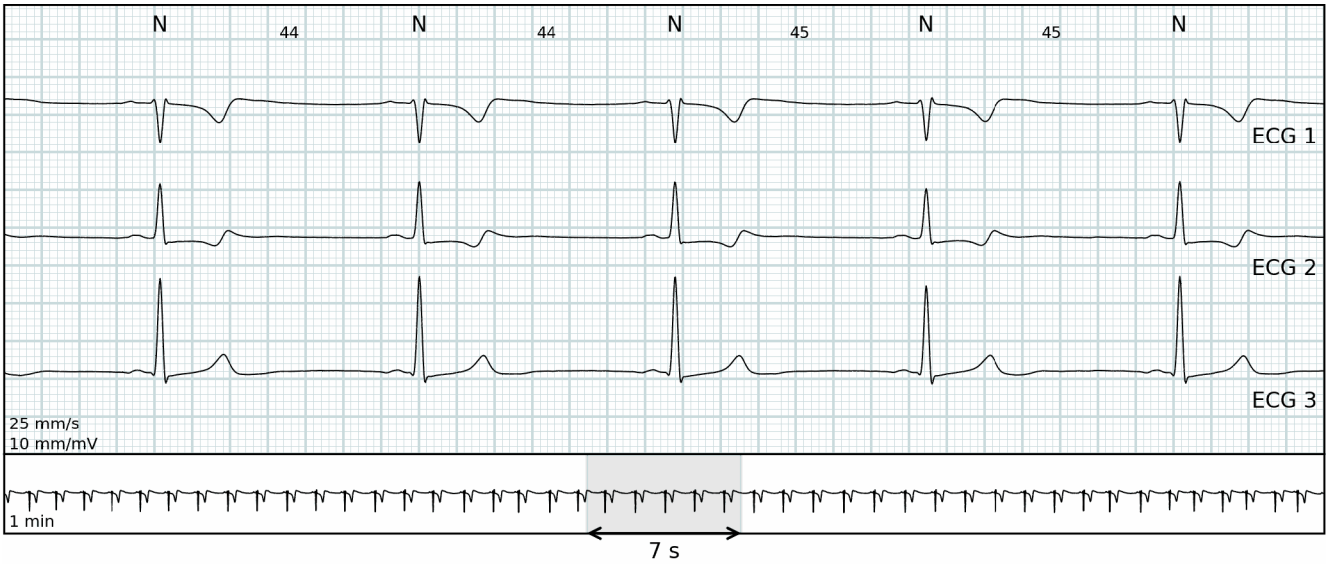
Sinus tachycardia

13:12:32 (Day 1) HR: 111 bpm



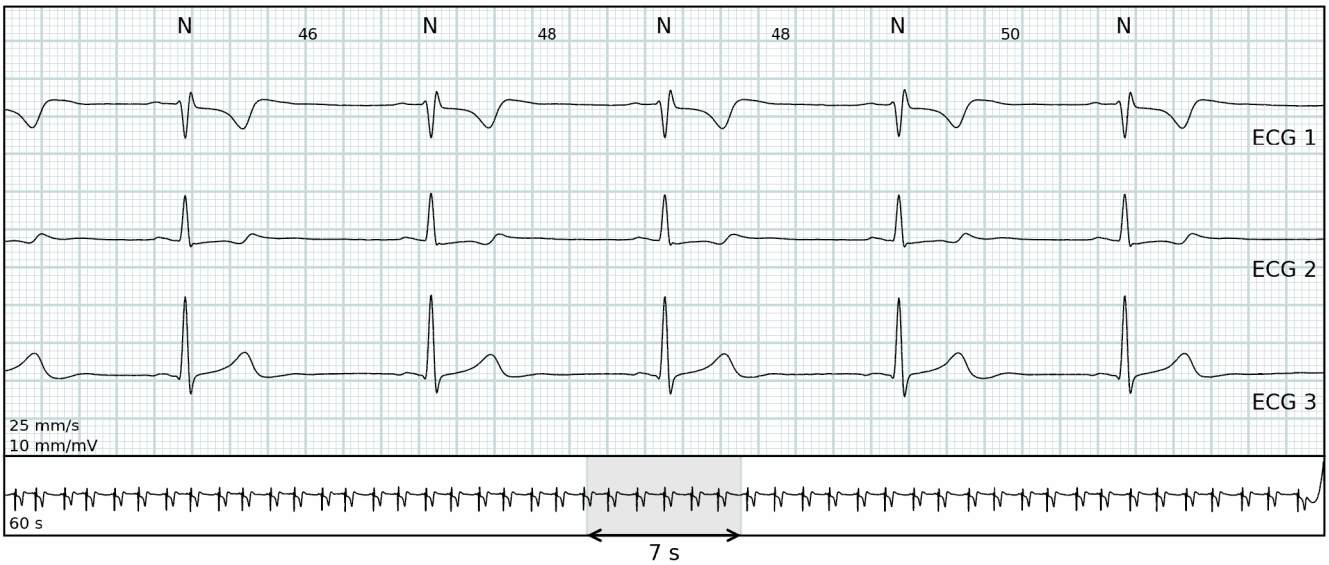
Sinus bradycardia

04:29:05 (Day 3) HR: 44 bpm



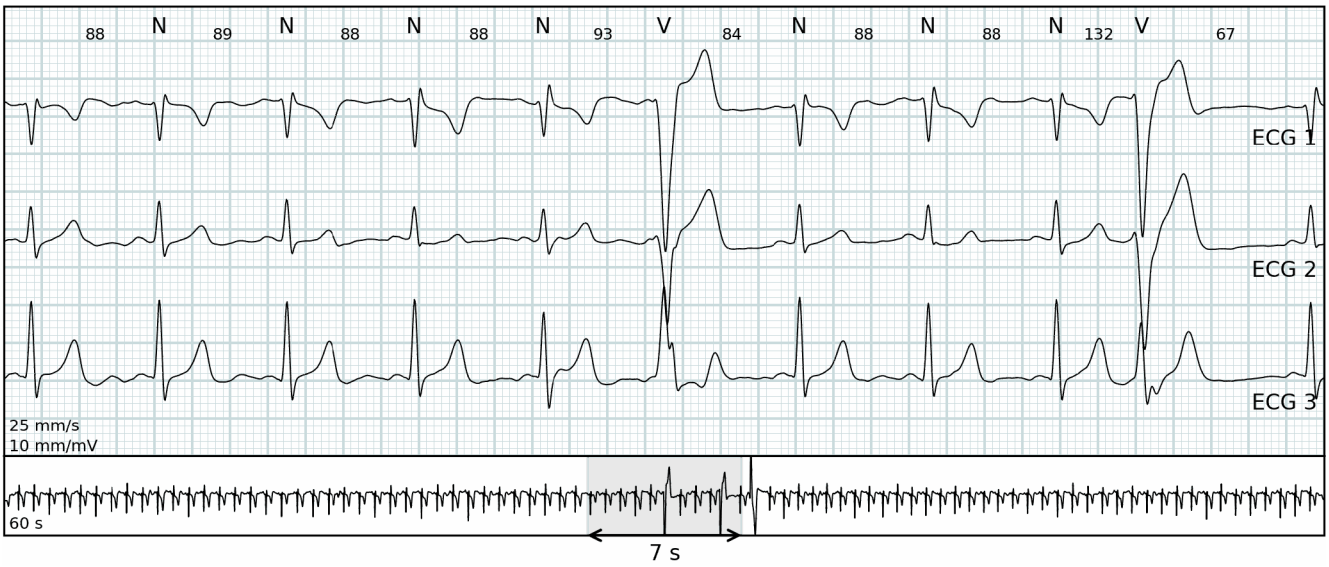
Sinus bradycardia

08:02:36 (Day 3) HR: 50 bpm



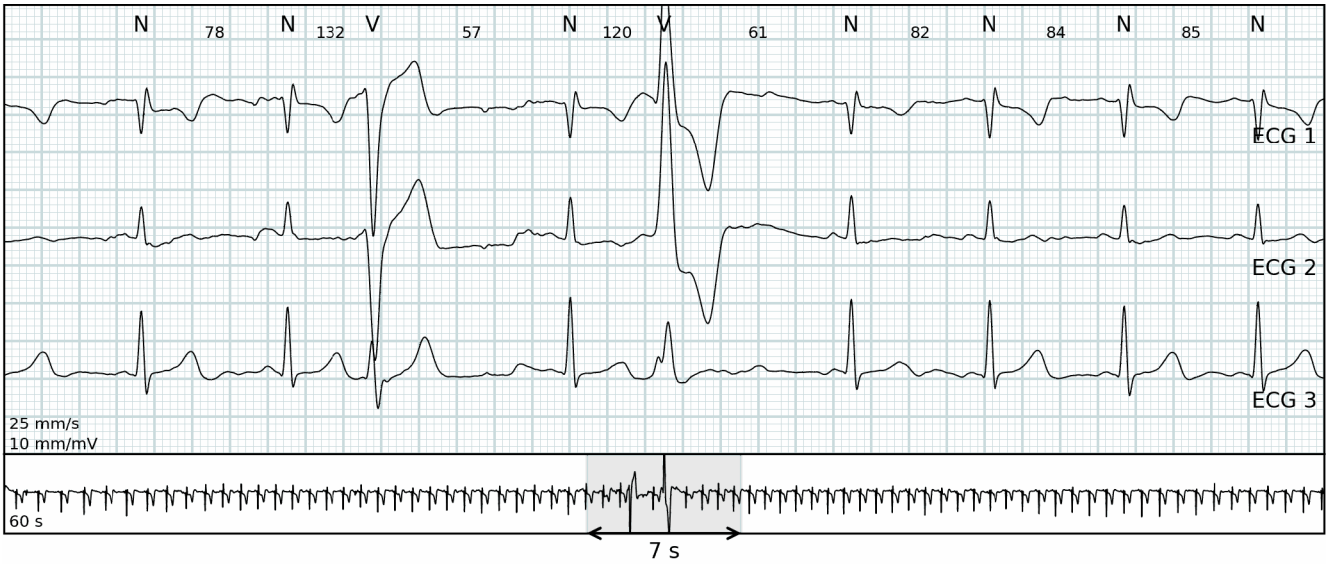
Ventricular

12:31:07 (Day 1) HR: 89 bpm



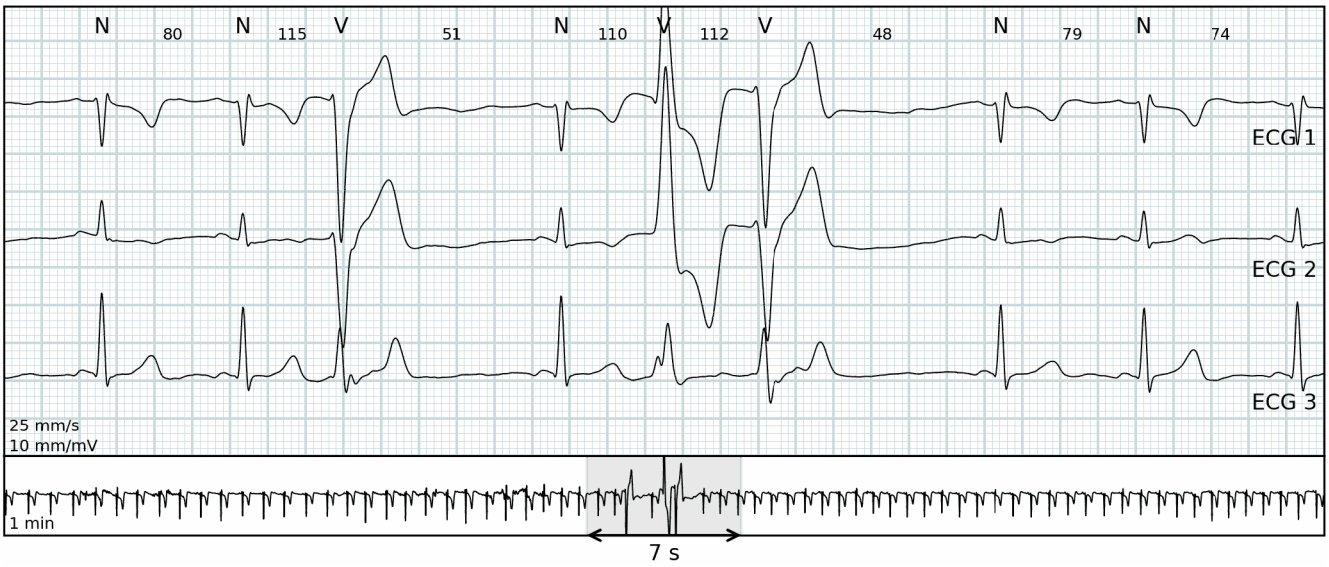
Ventricular

17:11:29 (Day 2) HR: 79 bpm



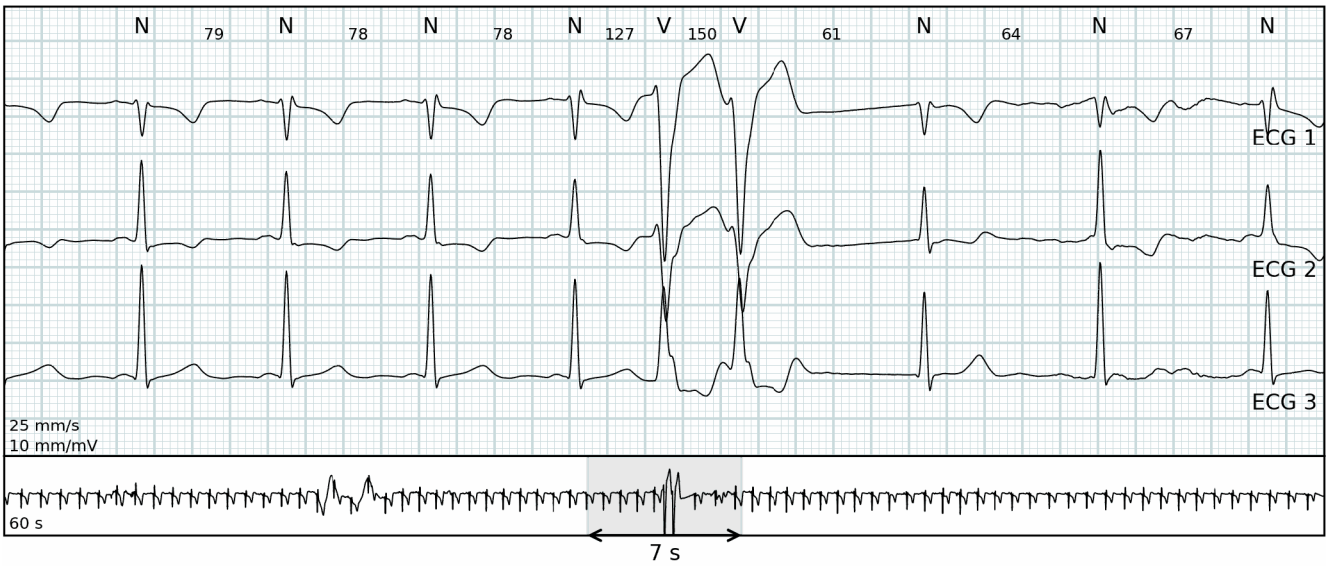
Ventricular couplet

10:56:04 (Day 2) HR: 76 bpm



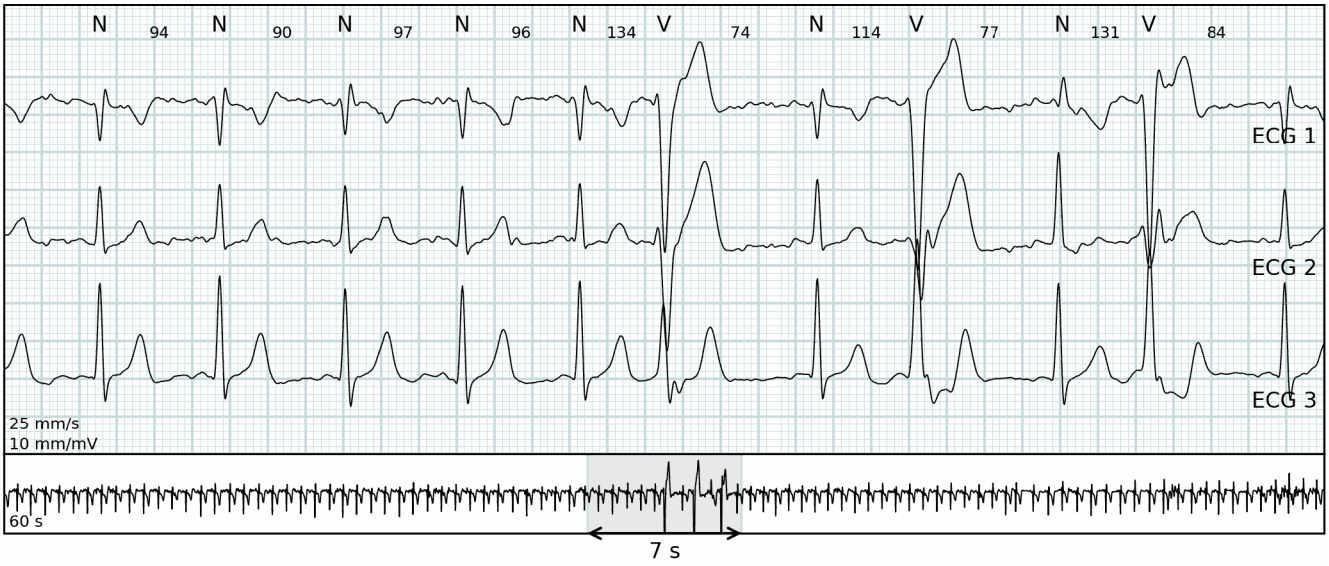
Ventricular couplet

01:02:51 (Day 2) HR: 76 bpm



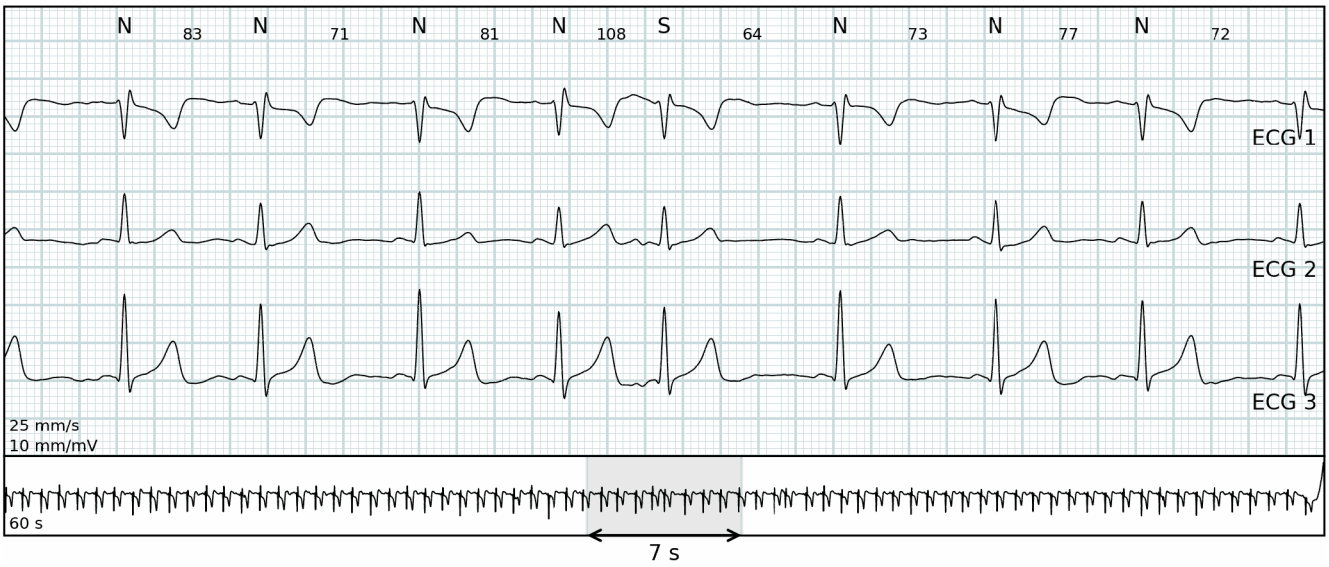
Ventricular bigeminy

18:33:16 (Day 1) Duration 2.57 seconds HR: 93 bpm



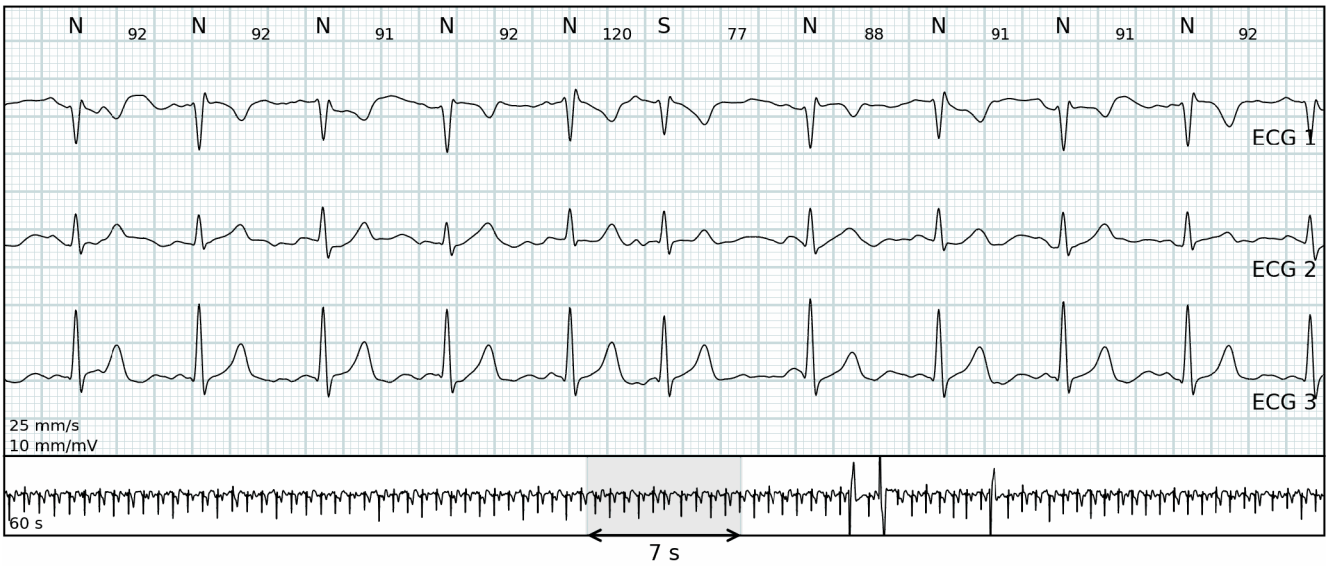
Supraventricular

13:01:18 (Day 2) HR: 73 bpm



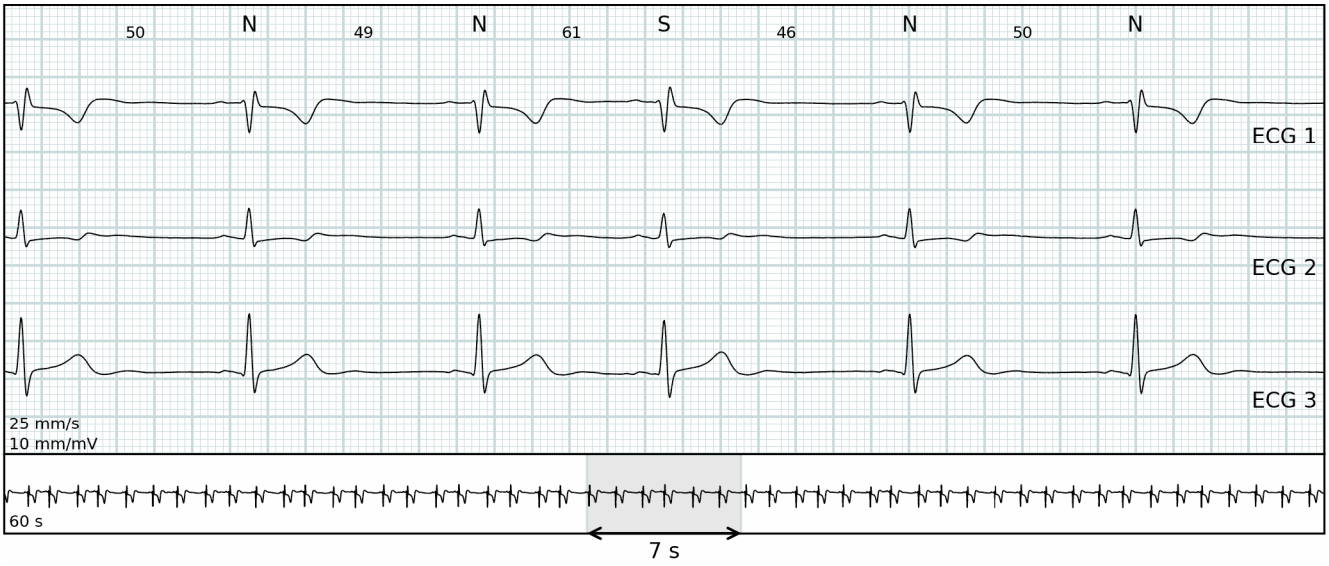
Supraventricular

10:50:13 (Day 2) HR: 91 bpm



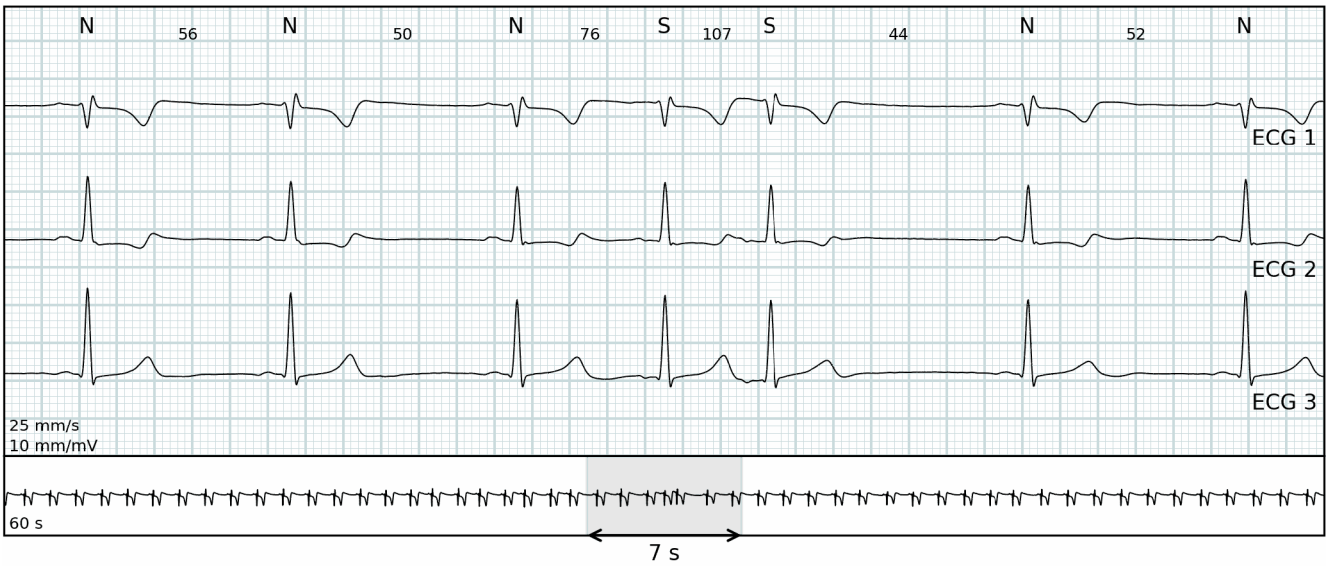
Supraventricular

06:43:02 (Day 2) HR: 51 bpm



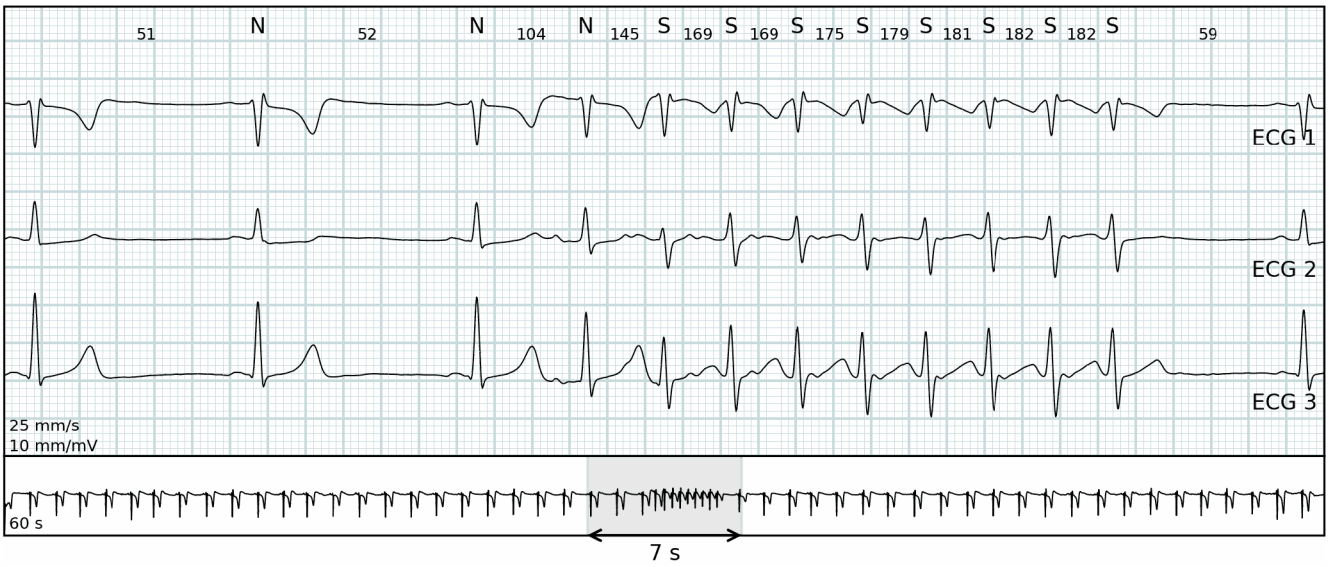
Supraventricular couplet

05:35:46 (Day 3) HR: 51 bpm



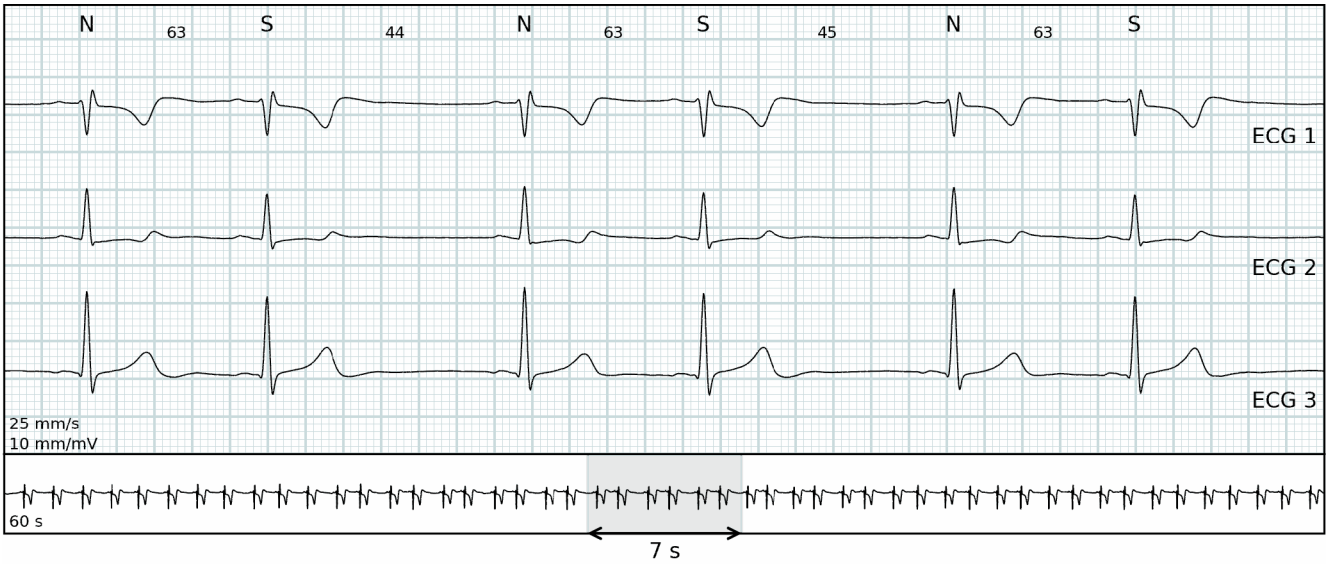
Supraventricular tachycardia

13:18:56 (Day 2) Duration 2.38 seconds HR: 63 bpm



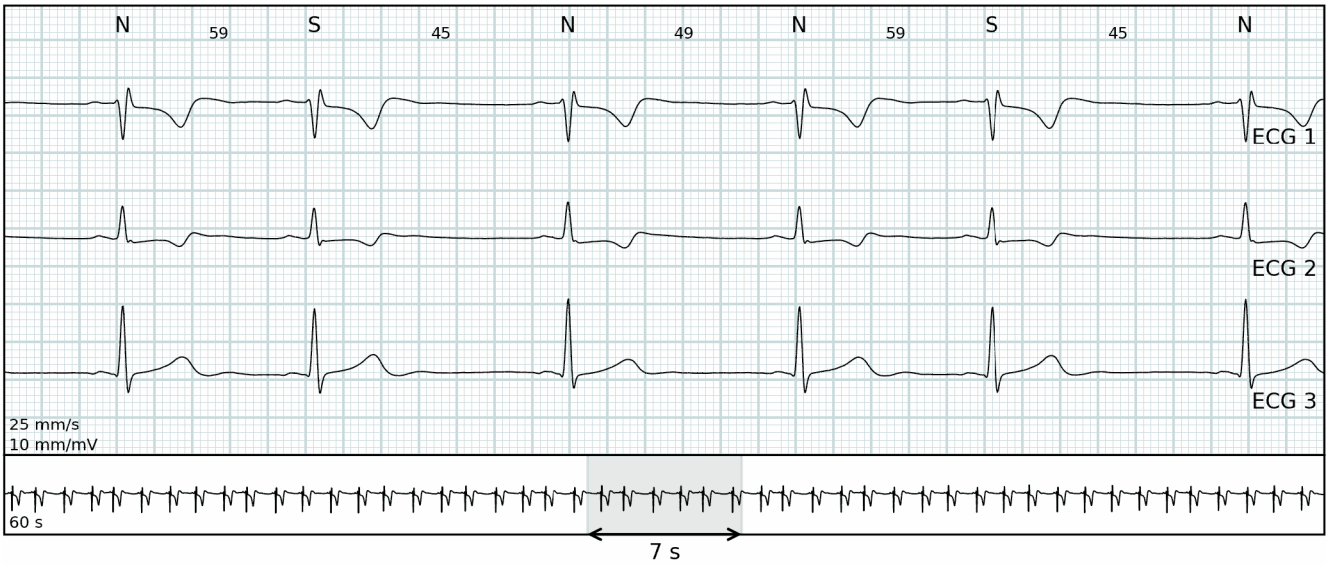
Supraventricular bigeminy

08:02:01 (Day 3) Duration 18.18 seconds HR: 52 bpm



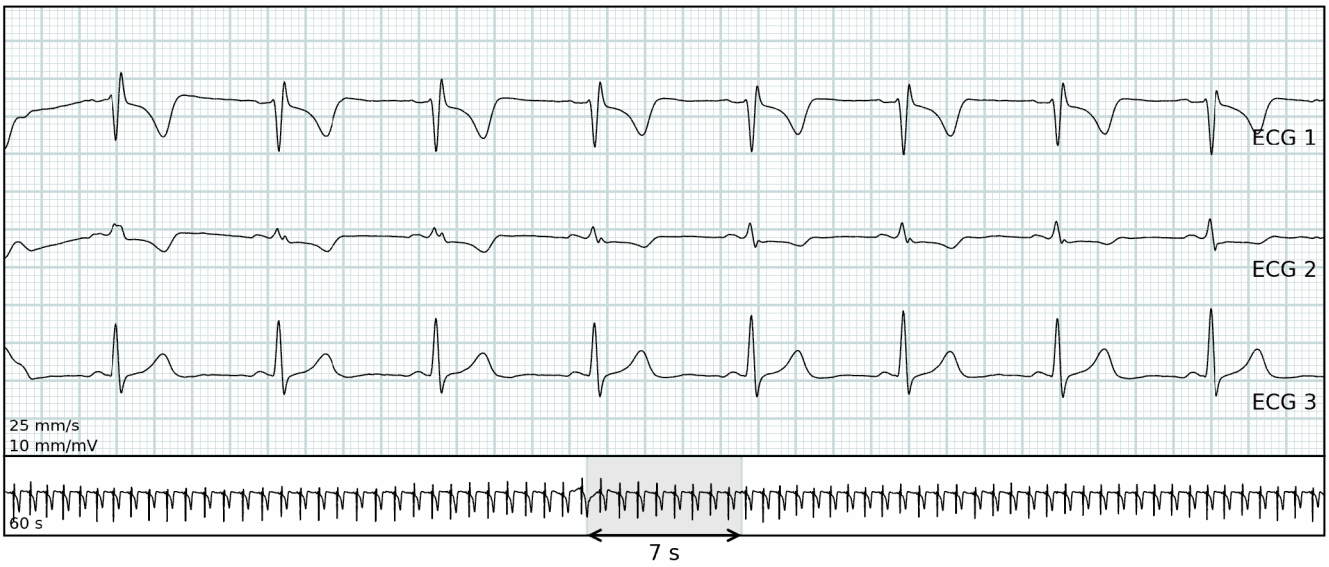
Supraventricular trigeminy

08:30:19 (Day 2) Duration 18.11 seconds HR: 48 bpm



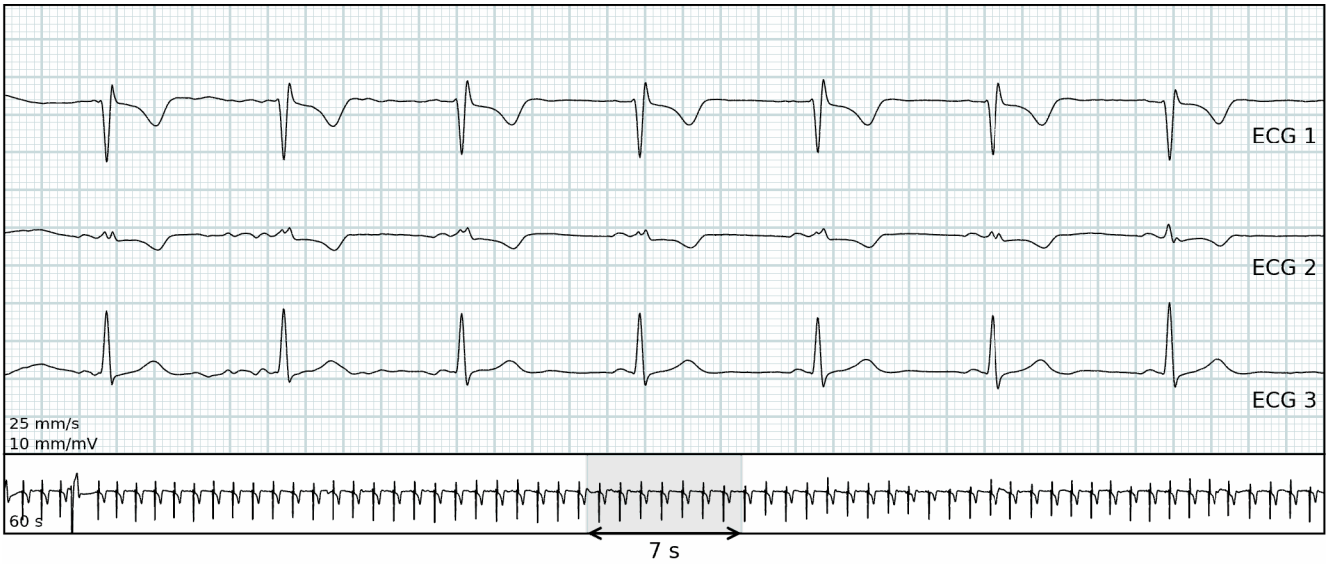
Patient events

14:33:46 (Day 1) HR: 72 bpm



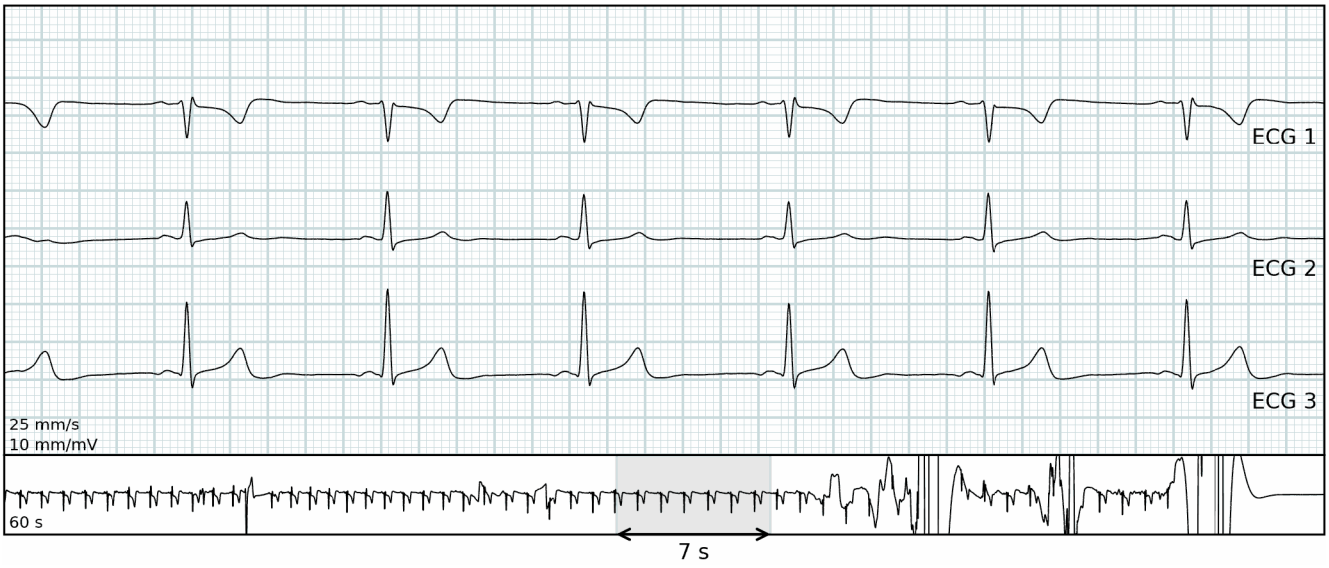
Patient events

21:31:42 (Day 1) HR: 65 bpm



Patient events

08:19:31 (Day 3) HR: 64 bpm



Algorithm settings

Minimal pause duration	2 seconds
All heart rate values	Calculated per 30 seconds
Sinus Tachycardia	Sinus rhythm faster than 100 bpm lasting longer than 30 seconds
Sinus Bradycardia	Sinus rhythm slower than 55 bpm lasting longer than 30 seconds
Ventricular Tachycardia	8 or more consecutive ventricular beats at a rate greater than 100 bpm
Ventricular Bradycardia	3 or more consecutive ventricular beats at a rate lower than 55 bpm
Ventricular Runs	3 to 7 consecutive ventricular beats at a rate of greater than 100 bpm
Supraventricular Tachycardia	8 or more consecutive supraventricular beats at a rate greater than 100 bpm
Supraventricular Runs	3 to 7 consecutive supraventricular beats at a rate of greater than 100 bpm
Afib/Aflut	Atrial fibrillation or flutter lasting longer than 30 seconds
Noise	Motion artifacts or poor connection
Non-diagnostic	The combined amount of Lead OFF and noise
•	Undefined annotation
☾	Example is during night (22:00 - 07:00)
Version	JR 1.32.0 / AE 1.31.0 / RG 1.31.0

Algorithms provided by Cardiolund

Abbreviations

N	Normal
V	Ventricular
S	Supraventricular
NSR	Normal Sinus Rhythm
VR	Ventricular Rhythm
SVR	Supraventricular Rhythm
AFIB/AFL	Atrial Fibrillation/Atrial Flutter