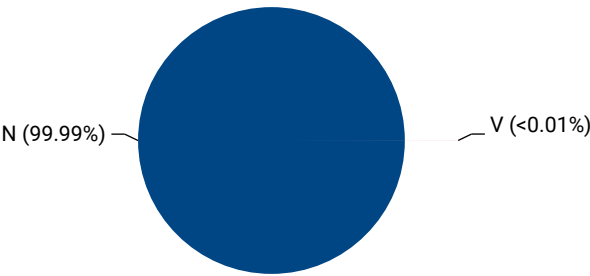


 Start time 2024-11-04 12:44:41 End time 2024-11-05 11:52:37 Duration 23 h 07 min 56 s

Recording summary

Beats



Rhythms



Metrics

Beats		Heart rate	
Total beats	53239	Average HR	79 bpm
Total V beats	4	Minimal HR	64 bpm
Total SV beats	0	Maximal HR	124 bpm

Episodes

Type	Number	Longest episode	Fastest episode
AFIB/AFL	0	-	-
V tachycardias	0	-	-
V salvos	0	Not applicable	-
SV tachycardias	0	-	-
SV salvos	0	Not applicable	-
Pauses	0	-	Not applicable

Results

Duration of examination: 23 h. 48.35% of the signal was of sufficient quality for analysis.
The average heart rate was 79 bpm, max 124 bpm (13:54 day 1) and min 64 bpm (05:19 day 2).
No atrial fibrillation or flutter was detected. No pauses were found.
There were 4 ventricular beats (<1%).

Hourly summary table

Time		Heart rate					Ventricular		Supraventricular		Nondiagnostic part
From	To	Total beats	Average HR	Min HR	Max HR	Pauses	V beats	V couplets	SV beats	SV couplets	
12:44	13:00	524	86 bpm	79 bpm	92 bpm	0	3	0	0	0	60.45%
13:00	14:00	2873	87 bpm	77 bpm	124 bpm	0	0	0	0	0	44.55%
14:00	15:00	4470	88 bpm	81 bpm	96 bpm	0	0	0	0	0	15.14%
15:00	16:00	2613	90 bpm	77 bpm	118 bpm	0	0	0	0	0	50.14%
16:00	17:00	3632	77 bpm	70 bpm	93 bpm	0	0	0	0	0	20.95%
17:00	18:00	3331	71 bpm	68 bpm	75 bpm	0	0	0	0	0	22.75%
18:00	19:00	3382	82 bpm	67 bpm	102 bpm	0	0	0	0	0	30.90%
19:00	20:00	3747	86 bpm	81 bpm	107 bpm	0	0	0	0	0	27.70%
20:00	21:00	4408	83 bpm	79 bpm	88 bpm	0	0	0	0	0	11.90%
21:00	22:00	4153	84 bpm	77 bpm	91 bpm	0	0	0	0	0	16.84%
22:00	23:00	2704	82 bpm	68 bpm	104 bpm	0	0	0	0	0	44.38%
23:00	00:00	2666	69 bpm	66 bpm	77 bpm	0	0	0	0	0	36.09%
2024-11-05											
00:00	01:00	4081	74 bpm	67 bpm	82 bpm	0	0	0	0	0	8.15%
01:00	02:00	3449	79 bpm	72 bpm	92 bpm	0	1	0	0	0	27.77%
02:00	03:00	1748	75 bpm	65 bpm	80 bpm	0	0	0	0	0	61.68%
03:00	04:00	2065	68 bpm	64 bpm	76 bpm	0	0	0	0	0	49.67%
04:00	05:00	2247	74 bpm	67 bpm	86 bpm	0	0	0	0	0	49.77%
05:00	06:00	962	69 bpm	64 bpm	80 bpm	0	0	0	0	0	76.98%
06:00	07:00	55	74 bpm	69 bpm	79 bpm	0	0	0	0	0	98.84%
07:00	08:00	0	-	-	-	0	0	0	0	0	100.00%
08:00	09:00	0	-	-	-	0	0	0	0	0	100.00%
09:00	10:00	0	-	-	-	0	0	0	0	0	100.00%
10:00	11:00	65	86 bpm	81 bpm	93 bpm	0	0	0	0	0	98.77%
11:00	11:52	64	87 bpm	81 bpm	92 bpm	0	0	0	0	0	98.62%

Rhythms by hour

Time		Sinus		Ventricular		Supraventricular		Nondiagnostic part
From	To	Bradycardia	Tachycardia	IVR/AIVR	Tachycardia	Tachycardia	AFIB/AFL	
12:44	13:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.45%
13:00	14:00	0.00%	0.34%	0.00%	0.00%	0.00%	0.00%	44.55%
14:00	15:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.14%
15:00	16:00	0.00%	1.44%	0.00%	0.00%	0.00%	0.00%	50.14%
16:00	17:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.95%
17:00	18:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	22.75%
18:00	19:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.90%
19:00	20:00	0.00%	0.39%	0.00%	0.00%	0.00%	0.00%	27.70%
20:00	21:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.90%
21:00	22:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.84%
22:00	23:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	44.38%
23:00	00:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	36.09%
2024-11-05								
00:00	01:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.15%
01:00	02:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.77%
02:00	03:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	61.68%

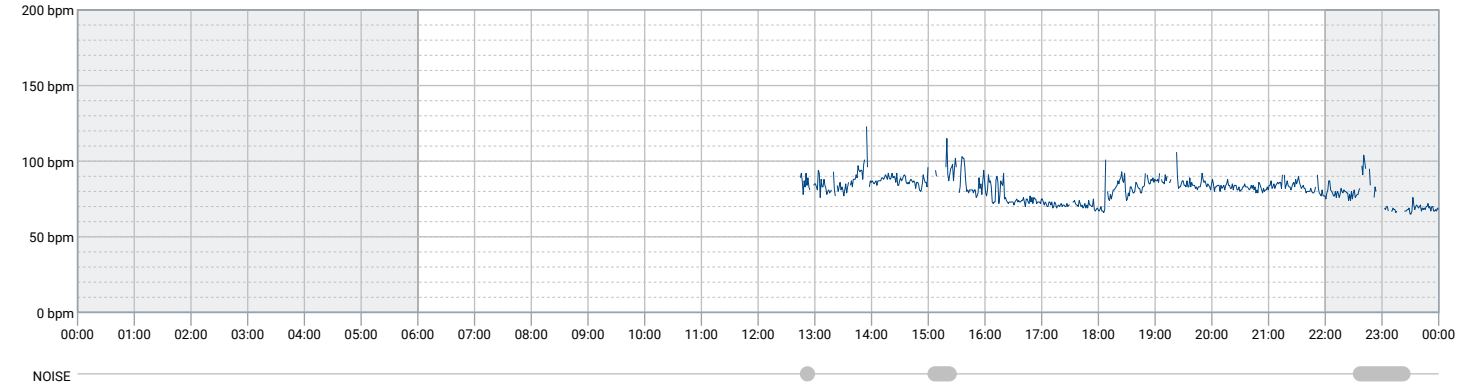
Time		Sinus		Ventricular		Supraventricular		
From	To	Bradycardia	Tachycardia	IVR/AIVR	Tachycardia	Tachycardia	AFIB/AFL	Nondiagnostic part
03:00	04:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	49.67%
04:00	05:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	49.77%
05:00	06:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	76.98%
06:00	07:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98.84%
07:00	08:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
08:00	09:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
09:00	10:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
10:00	11:00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98.77%
11:00	11:52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98.62%

Heart rate details

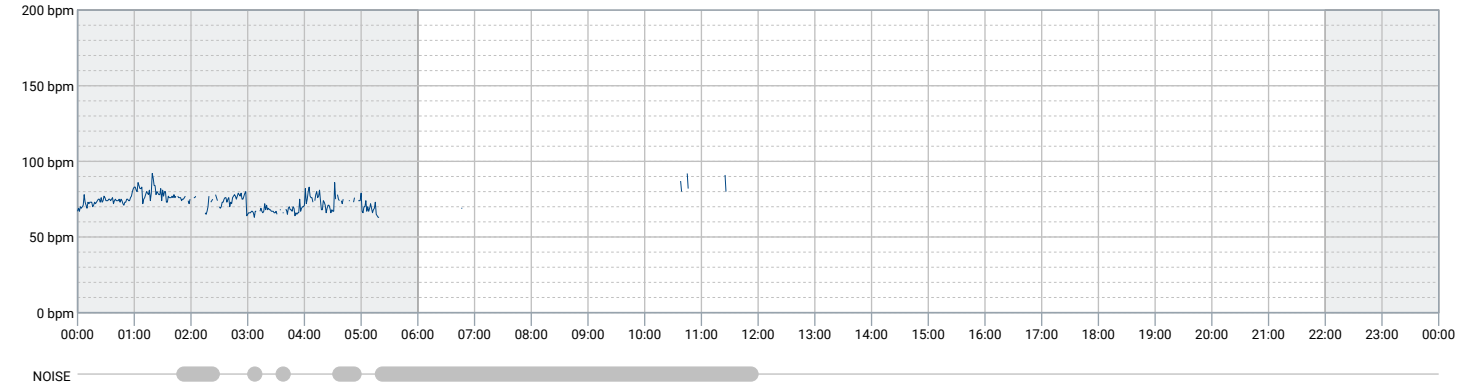
Heart rate		Sinus tachycardia		Sinus bradycardia	
Average rate per min	79 bpm	Longest	15 s (15:28:10 day 1)	Longest	-
Fastest rate per min	124 bpm (13:54 day 1)	Fastest N-N	129 bpm (15:19:25 day 1)	Slowest N-N	52 bpm (02:31:52 day 2)
Slowest rate per min	64 bpm (05:19 day 2)	Total time	1 min 18 s	Total time	-

Heart rate plot

2024-11-04 (day 1)



2024-11-05 (day 2)



Details of arrhythmia

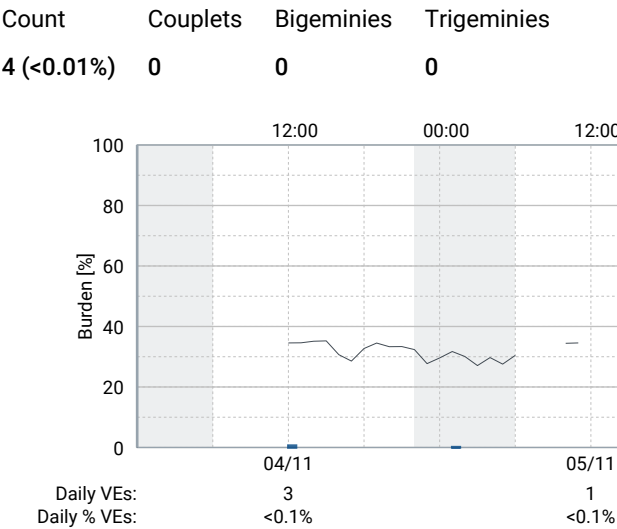
Ventricular

Total V beats	4
Max V/min	2 (12:46 day 1)
Max V/hour	3 (12:44 day 1)
Couplets	0
Fastest	-
Bigeminies	0
Longest	-
Trigeminies	0
Longest	-
Tachycardias	0
Longest	-
Fastest	-
Salvos	0
Fastest	-
IVR/AIVR	0
Longest	-

Supraventricular

Total SV beats	0
Max SV/min	-
Max SV/hour	-
Couplets	0
Fastest	-
Bigeminies	0
Longest	-
Trigeminies	0
Longest	-
Tachycardias	0
Longest	-
Fastest	-
Salvos	0
Fastest	-
Others	0
Longest	-

Hourly ventricular beat burden

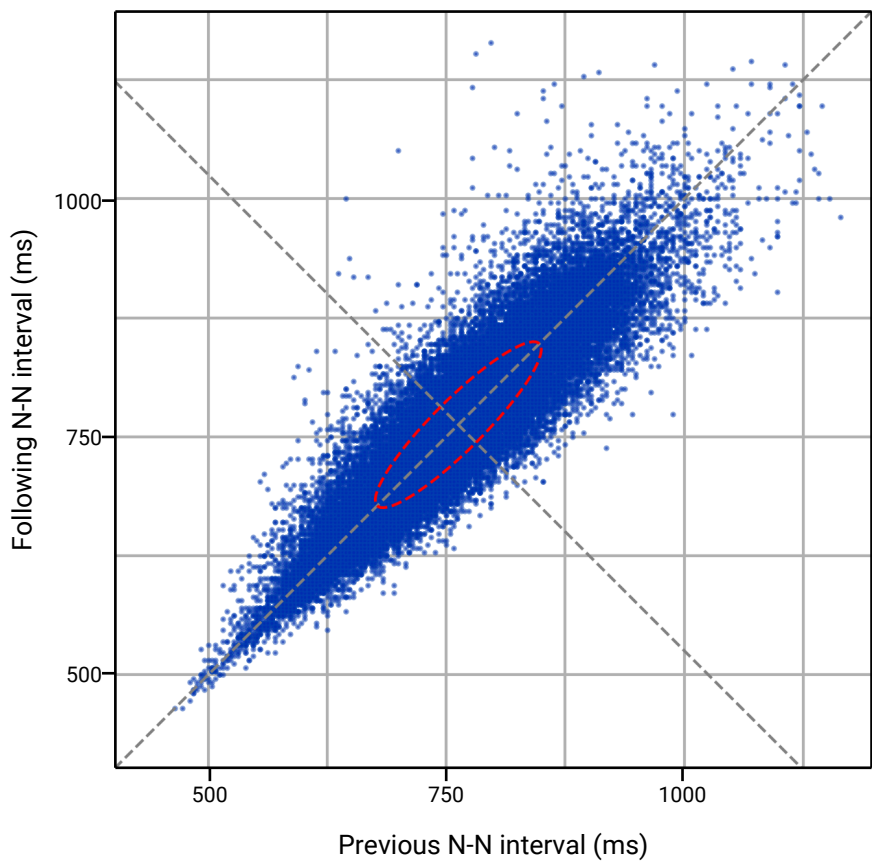


Hourly supraventricular beat burden

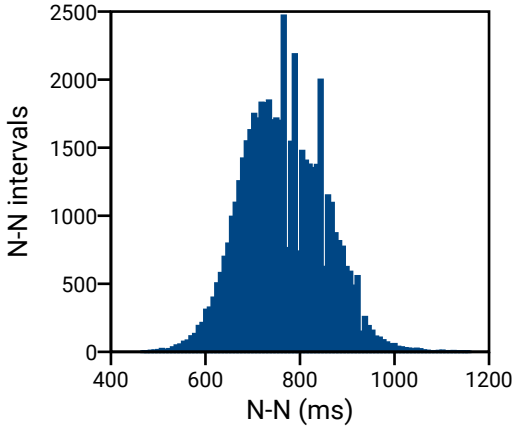
No supraventricular beats found.

Heart rate variability

Poincaré plot



N-N interval histogram



HRV parameters

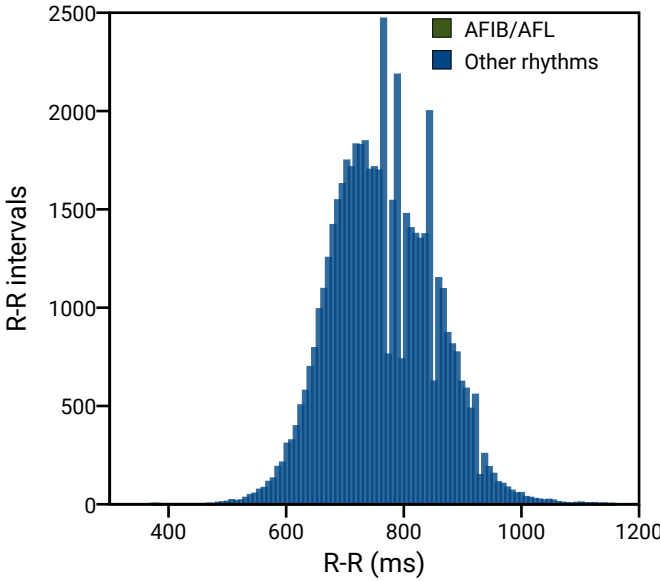
AVNN	762.87 ms
SDNN	87.22 ms
SDANN	74.38 ms
SDNN index	52.07 ms
SD1	26.43 ms
SD2	120.39 ms
rMSSD	38.33 ms
pNN20	50.60%
pNN50	16.37%
Triangular index	21.18
SD1/SD2	0.22

Atrial fibrillation or flutter

Details

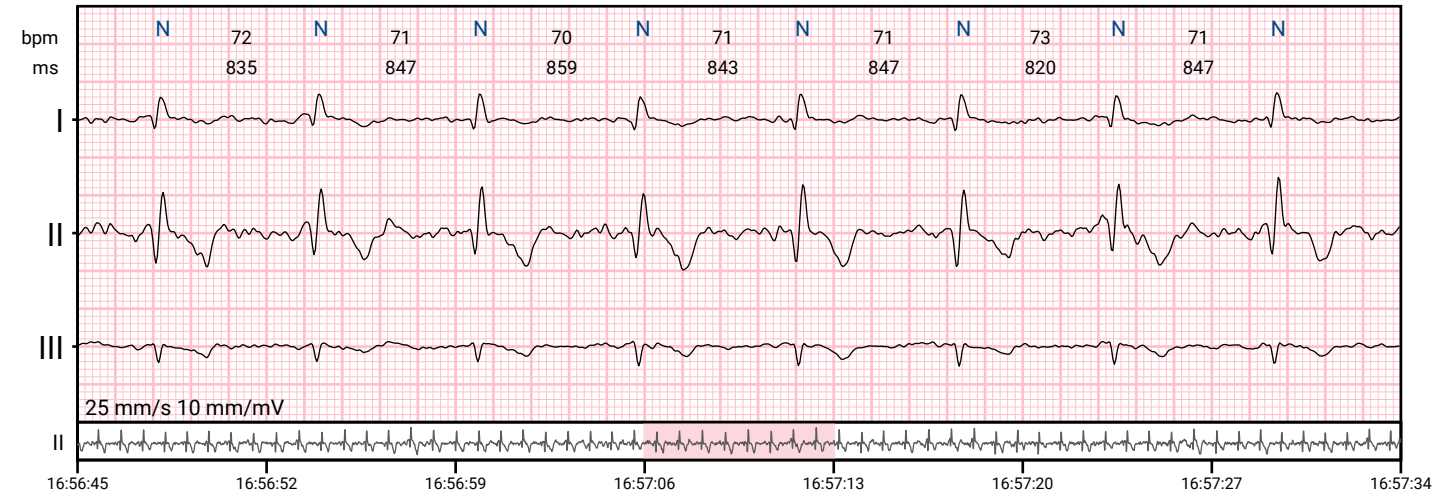
Total time	-
AF ratio	0.00%
AF burden	0.00%
AF burden (days)	0.00%
AF burden (nights)	0.00%
Average episode	-
Longest episode	-
Shortest episode	-
Average rate per min	-
Fastest rate per min	-
Slowest rate per min	-

R-R interval histogram

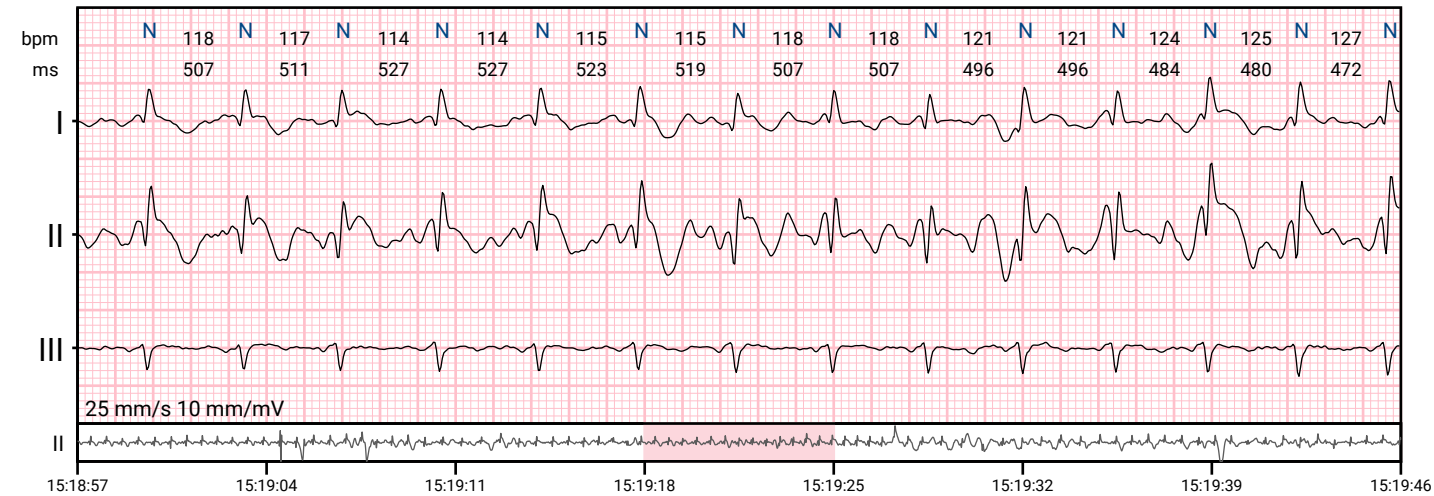


Selected ECG events

Sinus rhythm: 16:57:06 (day 1)



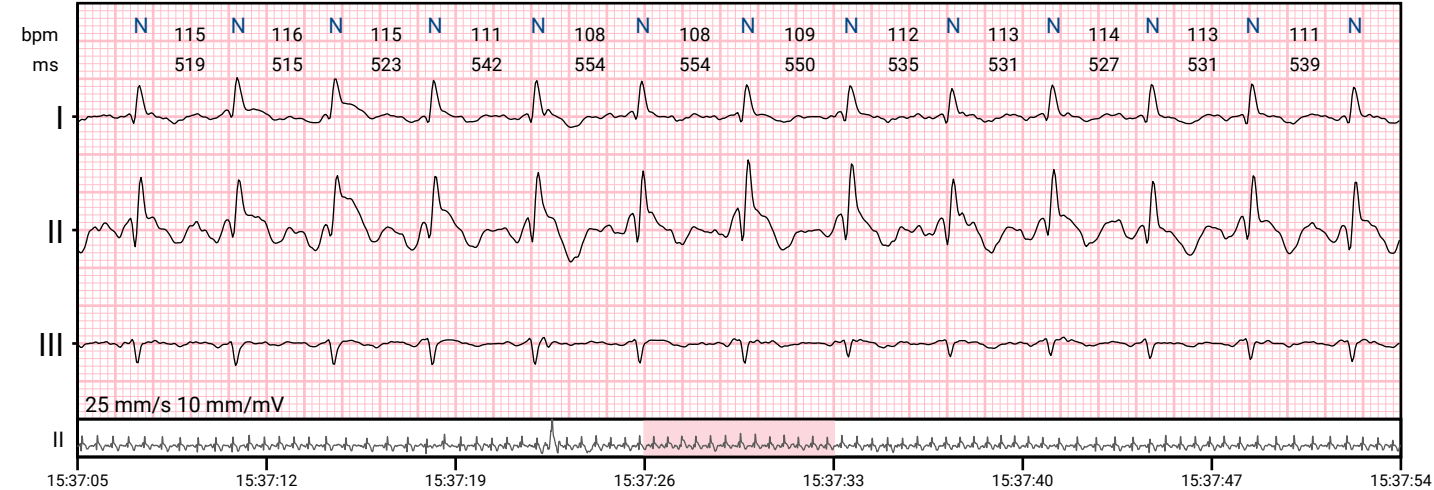
Sinus tachycardia: 15:19:18 (day 1)



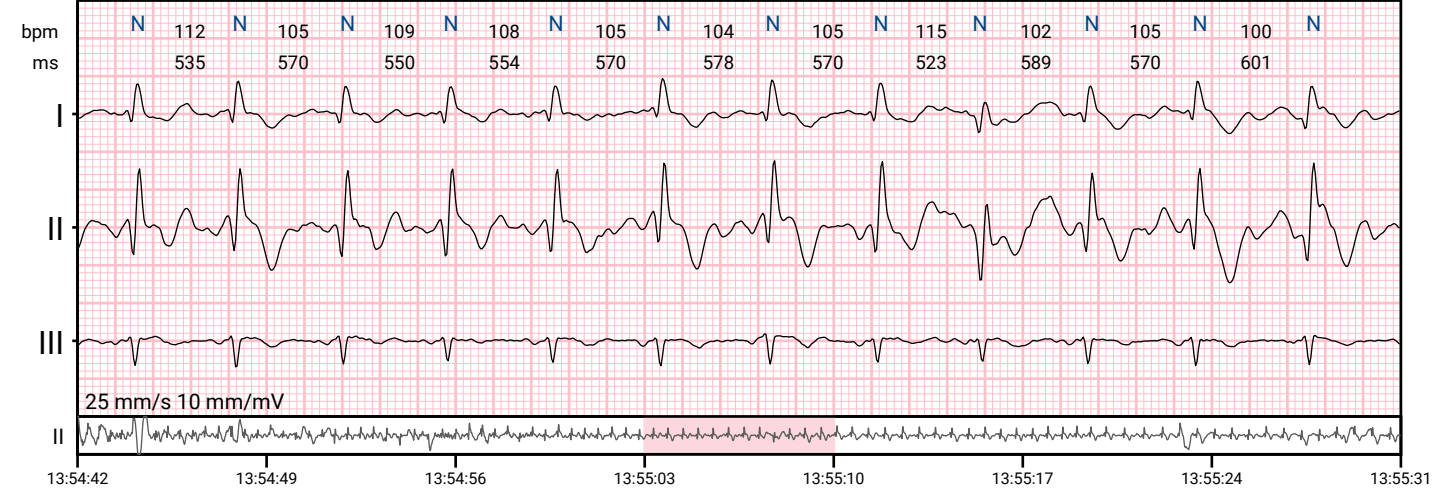
Sinus tachycardia: 19:22:22 (day 1)



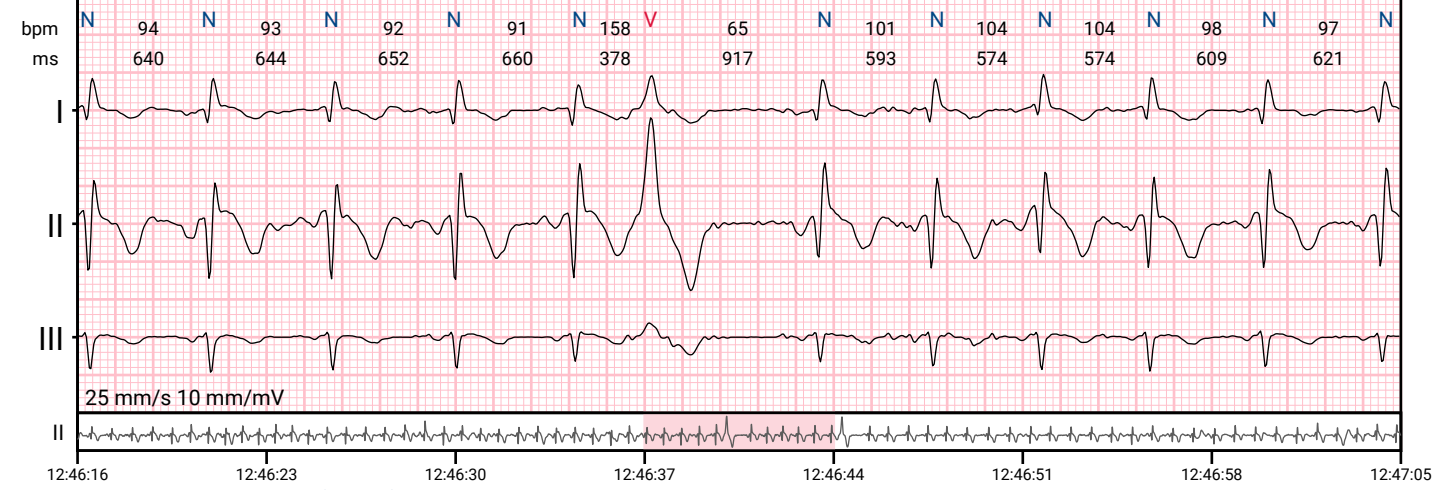
Sinus tachardia: 15:37:26 (day 1)



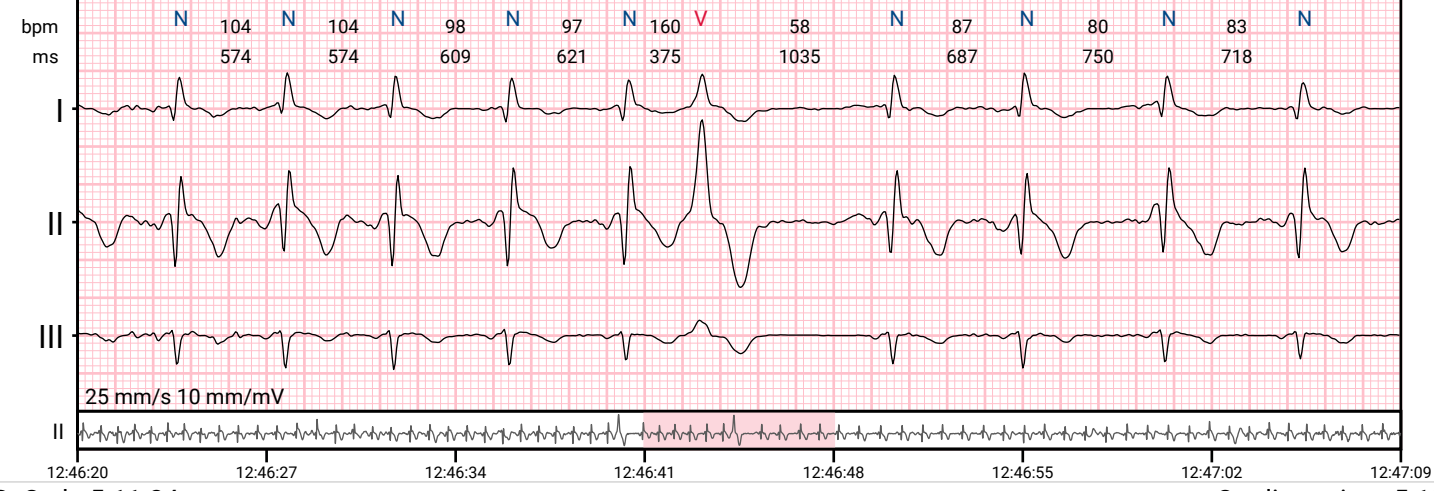
Sinus tachardia: 13:55:03 (day 1)



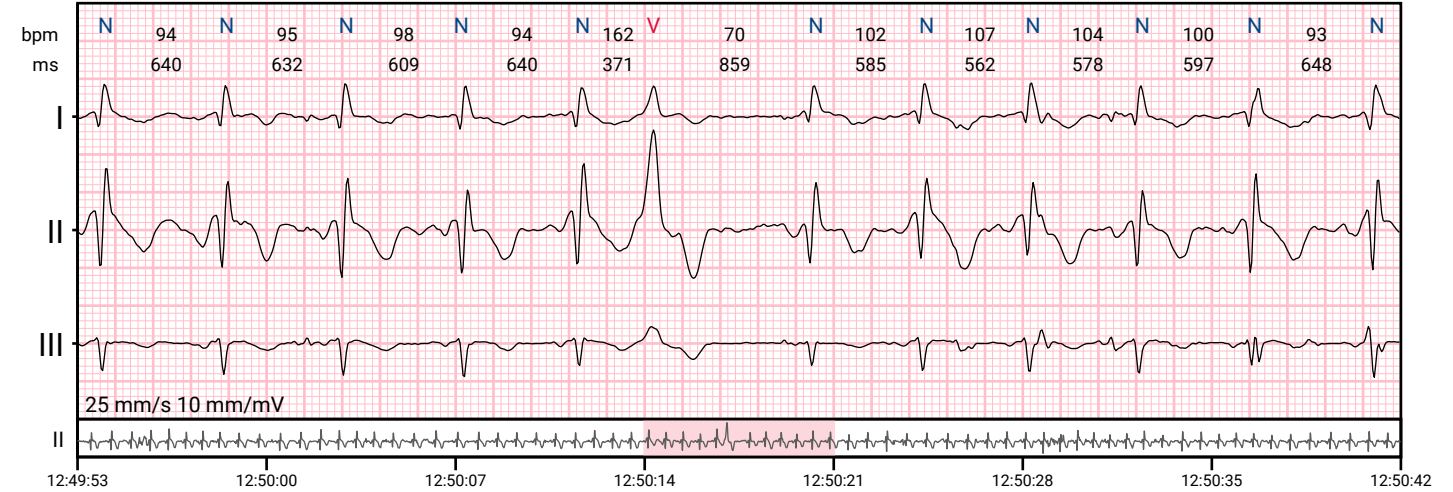
Ventricular beat: 12:46:37 (day 1)



Ventricular beat: 12:46:41 (day 1)



Ventricular beat: 12:50:14 (day 1)



Algorithm settings

Minimal pause duration	2000 ms
All heart rate values	averaged per minute
Sinus tachycardia	consecutive normal beats at a rate of > 100 bpm lasting longer than 10 s
Sinus bradycardia	consecutive normal beats at a rate of < 60 bpm lasting longer than 10 s
Ventricular salvo	3-7 consecutive complexes of ventricular beats at a rate of > 100 bpm
Ventricular tachycardia	more than 7 consecutive complexes originating from ventricles at a rate of > 100 bpm
Idioventricular rhythm	3 or more consecutive complexes originating from ventricles at a rate of < 50 bpm
Accelerated idioventricular rhythm	3 or more consecutive complexes originating from ventricles at a rate of < 100 bpm
Supraventricular salvo	3-7 consecutive complexes of supraventricular beats at a rate of > 100 bpm
Supraventricular tachycardia	more than 7 consecutive complexes of supraventricular beats at a rate of > 100 bpm
Supraventricular rhythm	more than 3 supraventricular beats that do not meet the criteria for AF
AFIB/AFL	atrial fibrillation or atrial flutter lasting longer than 30s
LEAD-OFF	at least one electrode was not properly attached to the patient's chest
AF ratio	the percentage of time an individual is in AFIB/AFL during entire record
AF burden	the percentage of time an individual is in AFIB/AFL during a diagnostic period
Days	episodes during days: 06:00-22:00
Nights	episodes during nights: 22:00-06:00