

Holter Report



Generated at 2024-01-30 12:49:51 GMT

Patient

ID 28081960
Name Cortrium Test
Date of birth 1960-08-28
Gender Male
Pacemaker N/A

Clinic

Approved by Cortrium
Date 2024-01-30
Signature

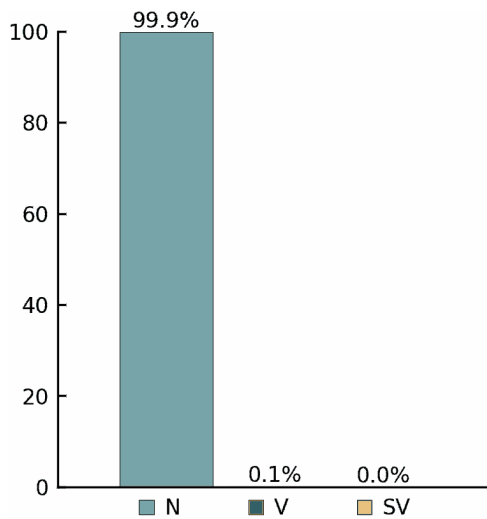
Examination overview

Start 2023-03-13, 14:07:01

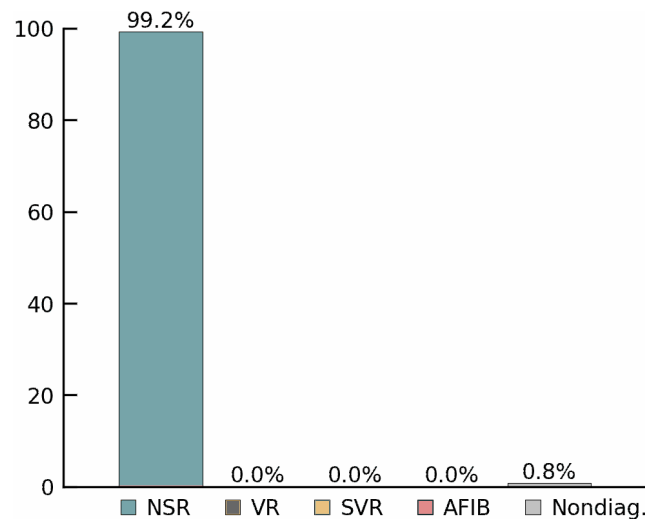
End 2023-03-14, 14:05:37

Duration 23 h 58 min

Beats



Rhythms



Heart rate		Ventricular		Supraventricular	
Total beats	97600	Total V beats	112	Total S beats	15
Average HR	72 bpm	Couplets	0	Couplets	0
Slowest HR	51 bpm	Runs	0	Runs	0
Fastest HR	140 bpm	Tachycardias	0	Tachycardias	0
Sinus tachycardias	6	Bigeminies	0	Bigeminies	0
Sinus bradycardias	0	Trigeminies	0	Trigeminies	0
Pauses	0	Idioventricular	0	AFIB/AFL	0%

Summary

The duration of the recording is 23 h 58 min. 99% of the signal was of sufficient quality for analysis.

The average heart rate was 72 bpm. The fastest heart rate was 140 bpm at 07:48 (Day 2).

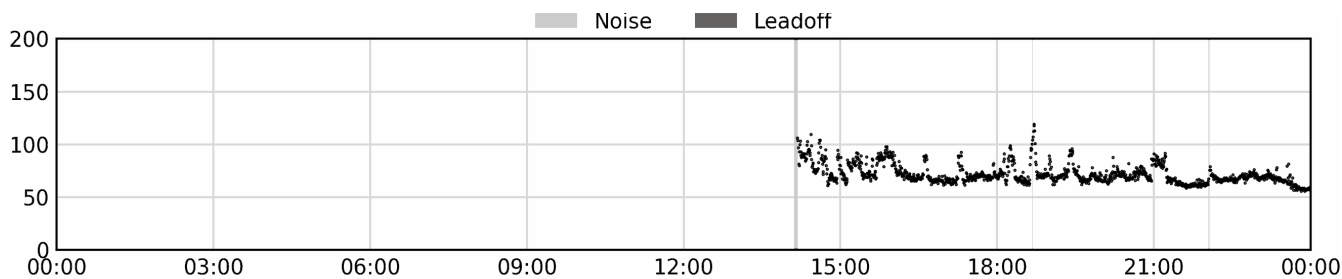
The slowest heart rate was 51 bpm at 02:02 (Day 2).

Rhythm analysis detected 6 episodes of sinus tachycardia, the longest being 2 min starting at 07:24 (Day 2).

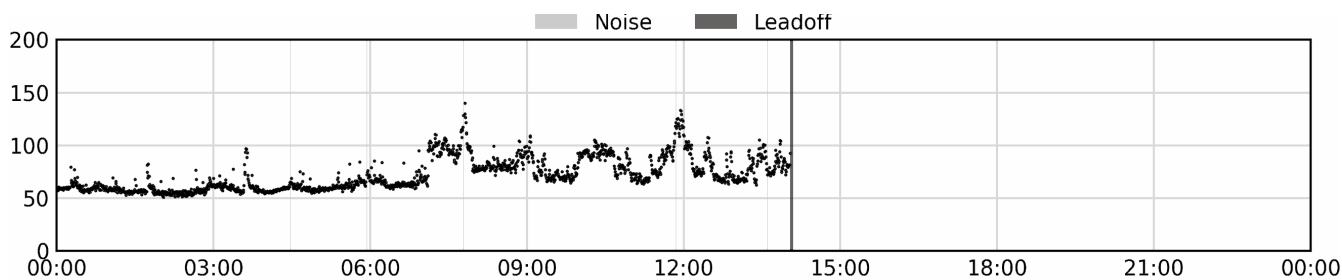
112 ventricular beats were detected.

15 supraventricular beats were detected.

Day 1 of 2 overview



Day 2 of 2 overview



Day 1 of 2 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	-	-	-	-	-	-	-	-
09:00	12:00	-	-	-	-	-	-	-	-
12:00	15:00	83	61	110	0	3556	16	0	7%
15:00	18:00	74	62	98	0	12784	36	4	0%
18:00	21:00	73	62	119	0	12862	14	3	0%
21:00	00:00	67	56	92	0	11468	13	4	0%

Day 2 of 2 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	58	51	83	0	9162	1	1	0%
03:00	06:00	61	54	97	0	10712	1	1	0%
06:00	09:00	81	59	140	0	13704	11	1	0%
09:00	12:00	83	64	133	0	14017	13	0	0%
12:00	15:00	80	63	109	0	9335	7	1	2%
15:00	18:00	-	-	-	-	-	-	-	-
18:00	21:00	-	-	-	-	-	-	-	-
21:00	00:00	-	-	-	-	-	-	-	-

Day 1 of 2 rhythms

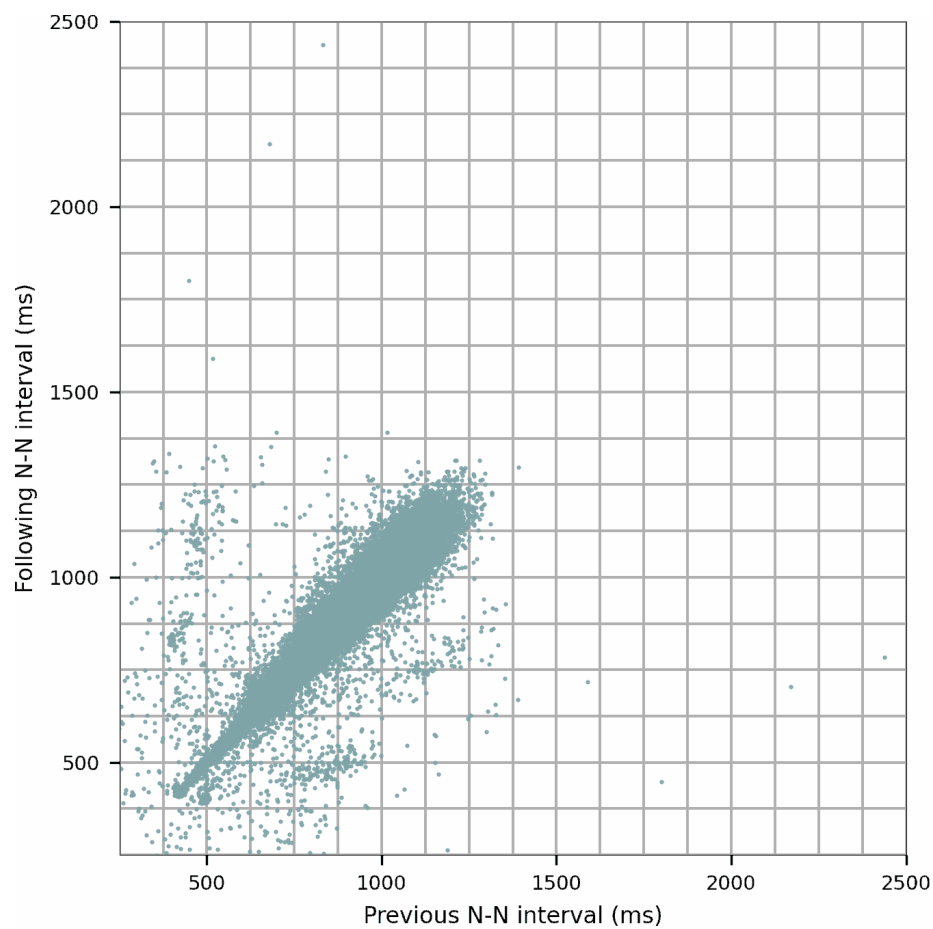
Time		Sinus		Ventricular		Supraventricular		Nondiag. part
From	To	Brady-cardia	Tachy-cardia	Idioven-tricular	Tachy-cardia	Tachy-cardia	AFIB/AFL	
00:00	03:00	-	-	-	-	-	-	-
03:00	06:00	-	-	-	-	-	-	-
06:00	09:00	-	-	-	-	-	-	-
09:00	12:00	-	-	-	-	-	-	-
12:00	15:00	0%	0%	0%	0%	0%	0%	7%
15:00	18:00	0%	0%	0%	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 2 rhythms

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	0%	3%	0%	0%	0%	0%	0%
09:00	12:00	0%	1%	0%	0%	0%	0%	0%
12:00	15:00	0%	2%	0%	0%	0%	0%	2%
15:00	18:00	-	-	-	-	-	-	-
18:00	21:00	-	-	-	-	-	-	-
21:00	00:00	-	-	-	-	-	-	-

Heart Rate Variability

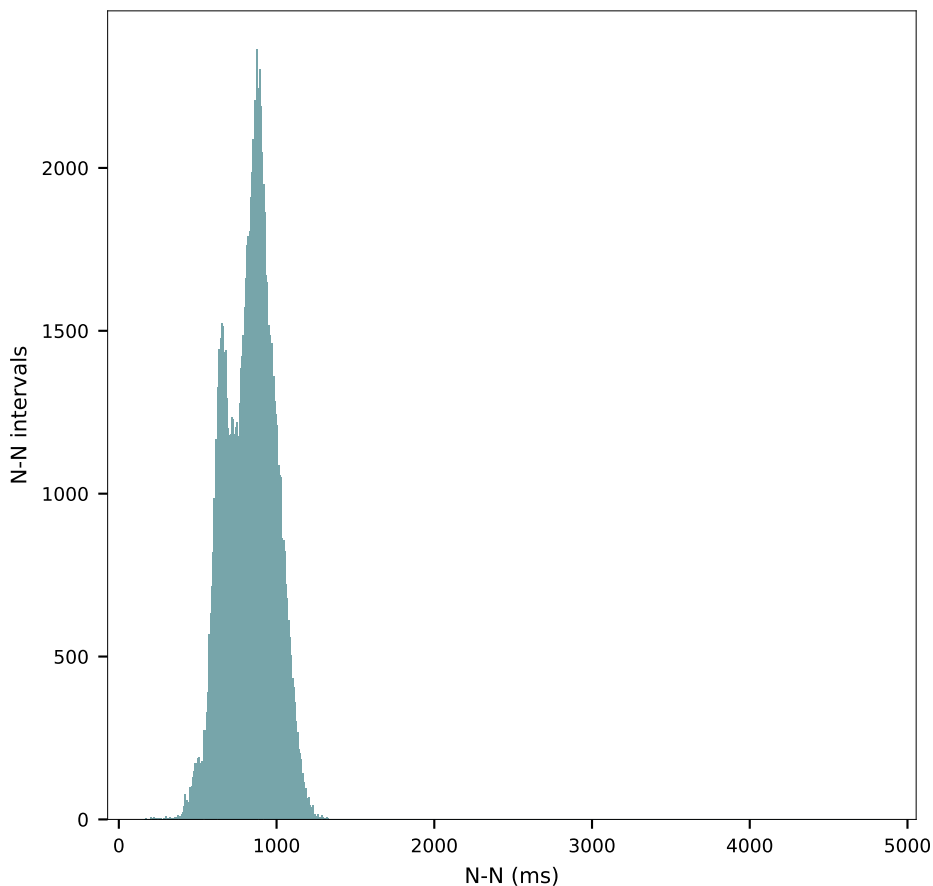
Poincaré plot



HRV parameters

AVNN	832.33 ms
SDNN	152.72 ms
pNN20	38.97%
pNN50	10.42%
rMSSD	50.37 ms
SDANN	134.24 ms
SDNN index	66.00 ms
Triangular index	41.28

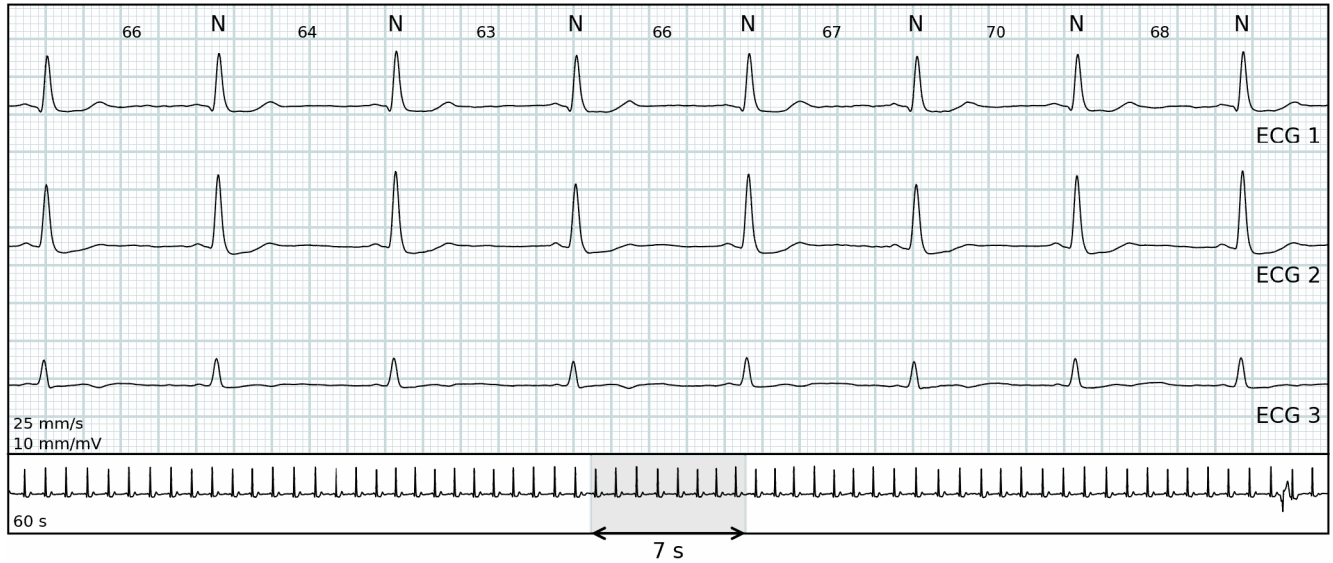
N-N interval histogram



Normal sinus rhythm

17:02:30 (Day 1)

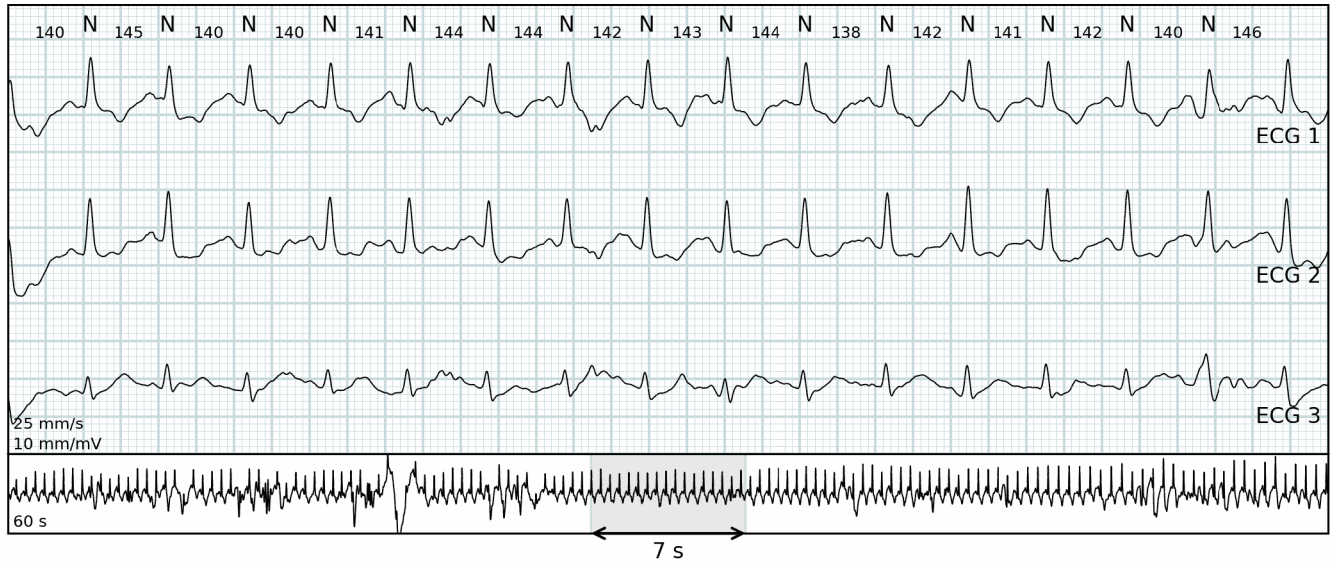
HR: 65 bpm



Fastest heart rate

07:48:19 (Day 2)

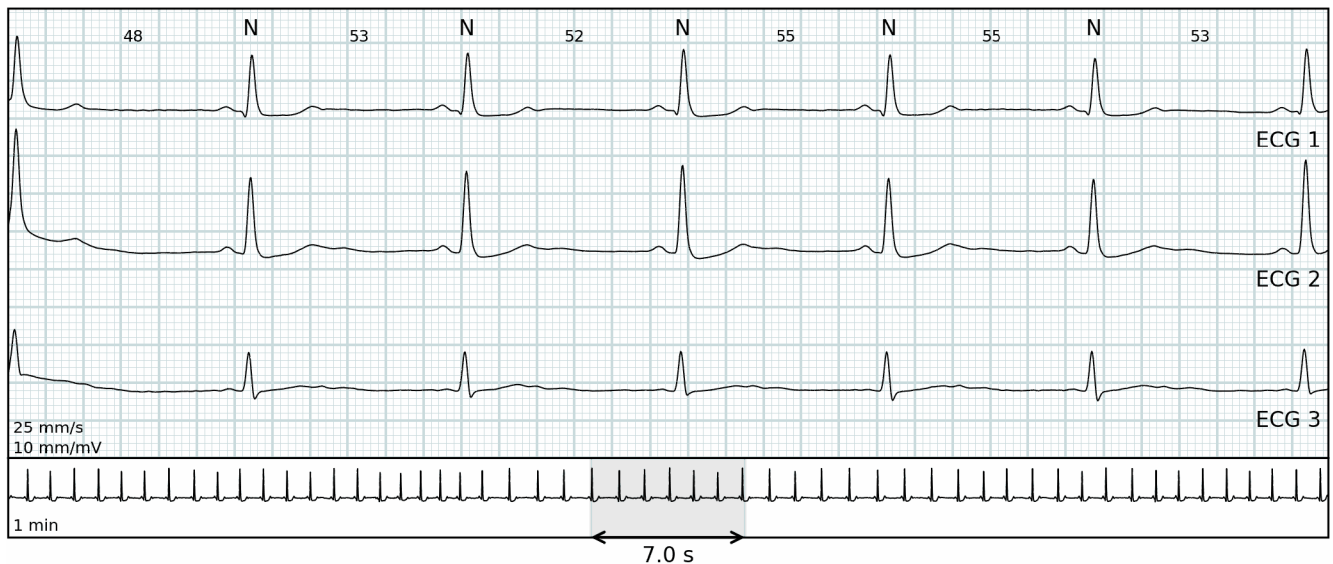
HR: 140 bpm



Slowest heart rate

02:02:39 (Day 2)

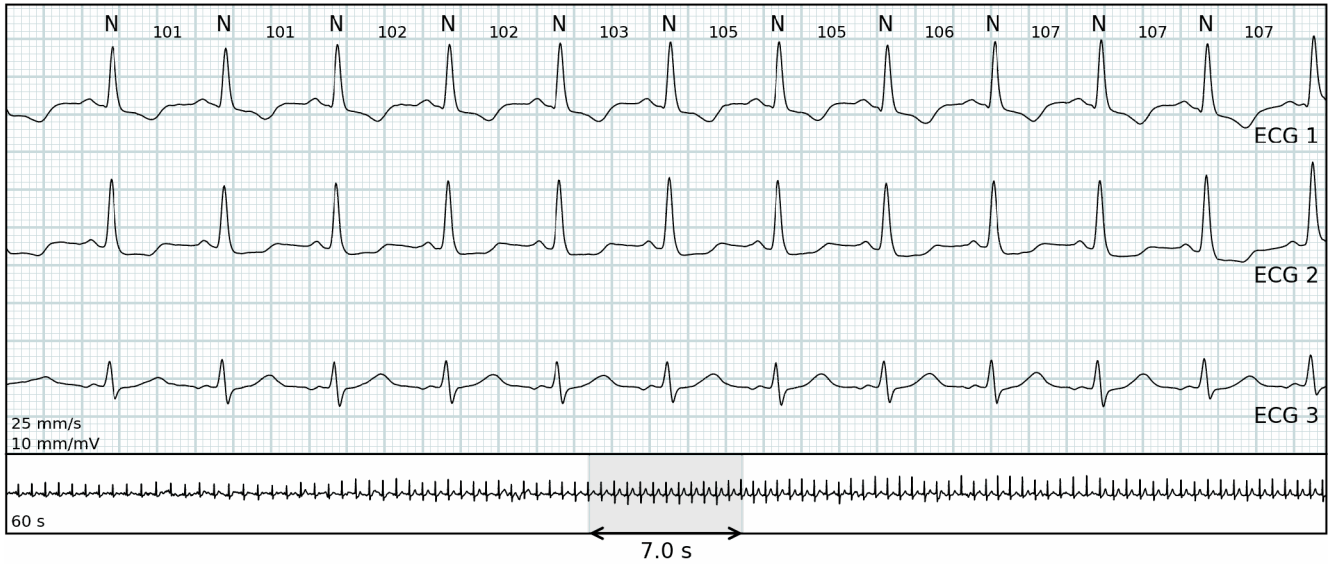
HR: 51 bpm



Sinus tachycardia

07:24:48 (Day 2)

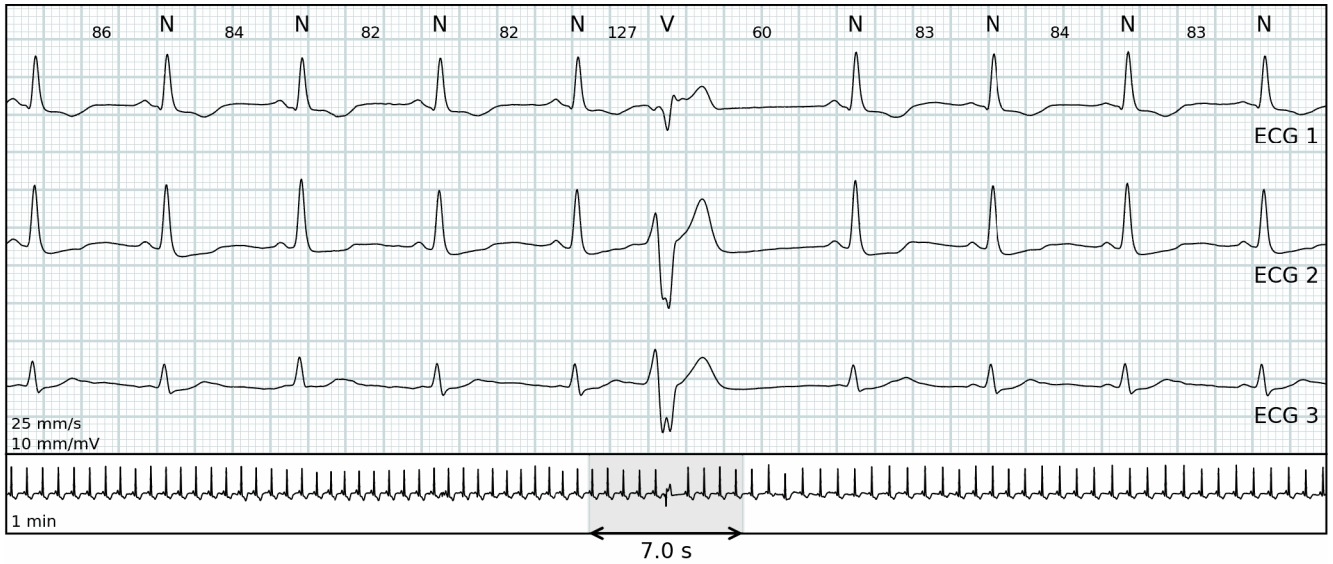
HR: 101 bpm



Ventricular

07:57:16 (Day 2)

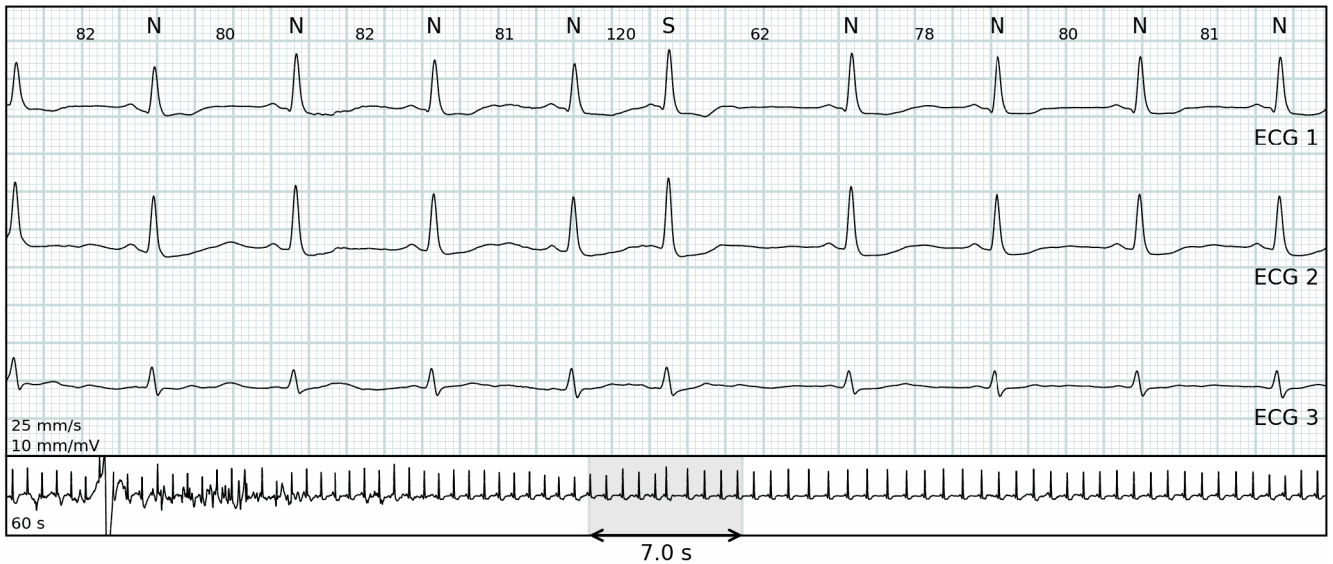
HR: 88 bpm



Supraventricular

21:13:34 (Day 1)

HR: 76 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 1.24.0 / AE 1.23.2 / RG 1.24.0

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