

Holter Report



Generated at 2024-02-16 12:59:08 GMT

Patient

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

Clinic

Approved by Cortrium
Date 2024-02-16
Signature

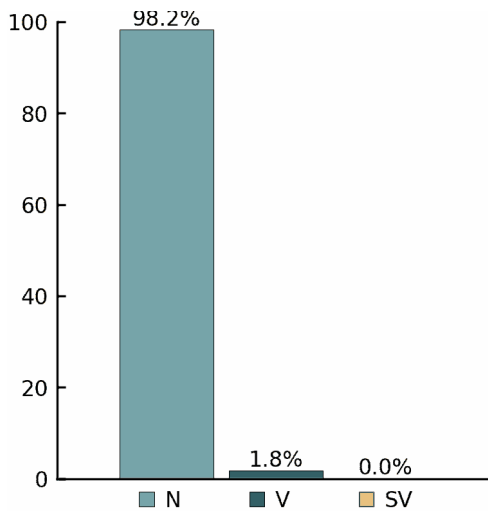
Examination overview

Start 2023-03-13, 11:54:54

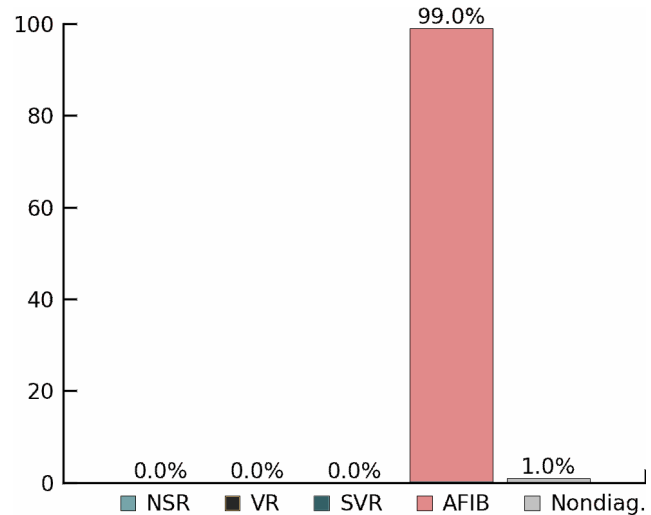
End 2023-03-14, 11:54:58

Duration 1 d 0 h 0 min

Beats



Rhythms

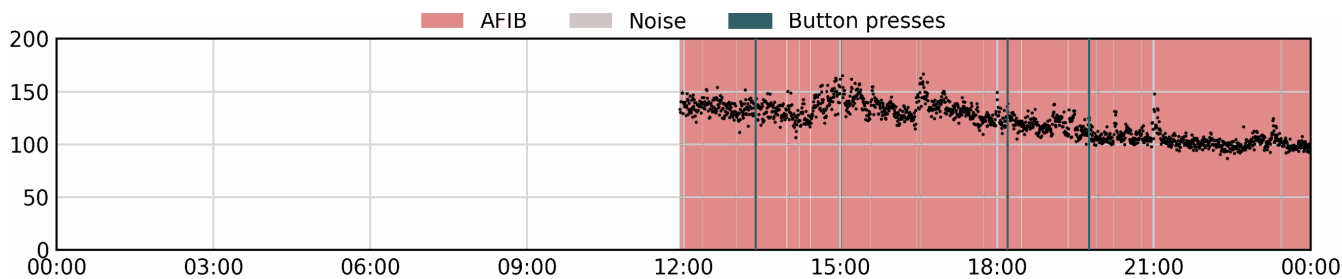


| Heart rate | | Ventricular | | Supraventricular | |
|--------------------|---------|-----------------|------|------------------|-----|
| Total beats | 154713 | Total V beats | 2752 | Total S beats | 0 |
| Average HR | 118 bpm | Couplets | 92 | Couplets | 0 |
| Slowest HR | 83 bpm | Runs | 0 | Runs | 0 |
| Fastest HR | 167 bpm | Tachycardias | 0 | Tachycardias | 0 |
| Sinus tachycardias | 0 | Bigeminies | 0 | Bigeminies | 0 |
| Sinus bradycardias | 0 | Trigeminies | 0 | Trigeminies | 0 |
| Pauses | 0 | Idioventricular | 0 | AFIB/AFL | 99% |

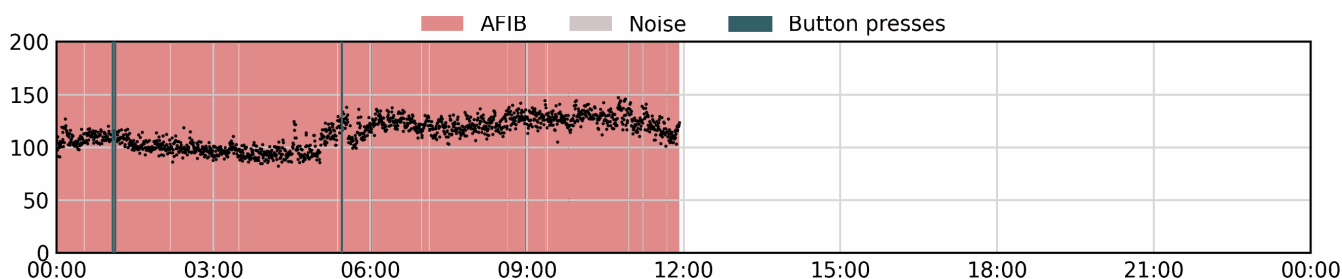
Summary

The duration of the recording is 1 d 0 h 0 min. 99% of the signal was of sufficient quality for analysis. The average heart rate was 118 bpm. The fastest heart rate was 167 bpm at 16:34 (Day 1). The slowest heart rate was 83 bpm at 04:14 (Day 2). 2752 ventricular beats were detected. Including: 92 couplets. Atrial fibrillation or flutter was detected in 99% of the recording time.

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 | 139 | 129 | 149 | 0 | 401 | 18 | 0 | 34% |
| 12:00 | 15:00 | 135 | 107 | 163 | 0 | 21456 | 549 | 0 | 1% |
| 15:00 | 18:00 | 134 | 110 | 167 | 0 | 21901 | 570 | 0 | 1% |
| 18:00 | 21:00 | 115 | 98 | 149 | 0 | 18960 | 490 | 0 | 1% |
| 21:00 | 00:00 | 102 | 87 | 148 | 0 | 17463 | 126 | 0 | 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 | 104 | 87 | 127 | 0 | 18029 | 205 | 0 | 0% |
| 03:00 | 06:00 | 102 | 83 | 138 | 0 | 17024 | 189 | 0 | 0% |
| 06:00 | 09:00 | 123 | 103 | 142 | 0 | 19880 | 303 | 0 | 0% |
| 09:00 | 12:00 | 126 | 101 | 148 | 0 | 19597 | 302 | 0 | 1% |
| 12:00 | 15:00 | - | - | - | - | - | - | - | - |
| 15:00 | 18:00 | - | - | - | - | - | - | - | - |
| 18:00 | 21:00 | - | - | - | - | - | - | - | - |
| 21:00 | 00:00 | - | - | - | - | - | - | - | - |

Day 1 of 2 rhythms

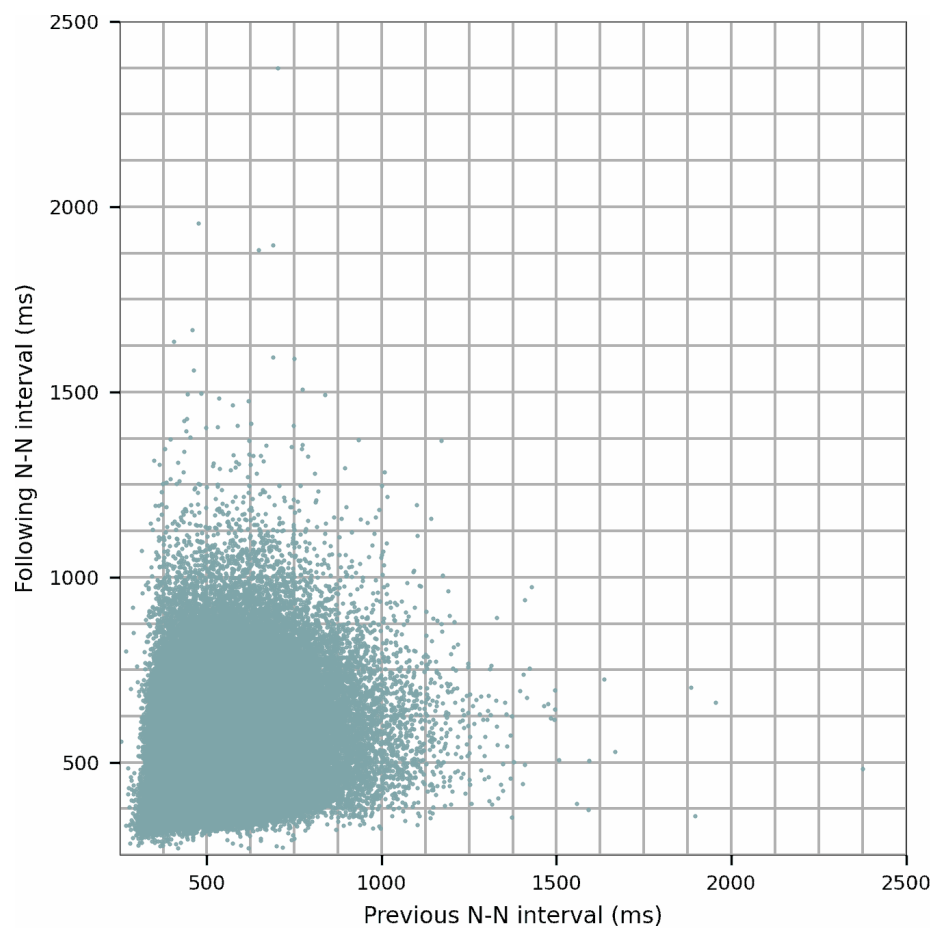
| Time | | Sinus | | Ventricular | | Supraventricular | | Nondiag. part |
|-------|-------|--------------|--------------|------------------|--------------|------------------|----------|---------------|
| From | To | Brady-cardia | Tachy-cardia | Idioven-tricular | Tachy-cardia | Tachy-cardia | AFIB/AFL | |
| 00:00 | 03:00 | - | - | - | - | - | - | - |
| 03:00 | 06:00 | - | - | - | - | - | - | - |
| 06:00 | 09:00 | - | - | - | - | - | - | - |
| 09:00 | 12:00 | 0% | 0% | 0% | 0% | 0% | 64% | 34% |
| 12:00 | 15:00 | 0% | 0% | 0% | 0% | 0% | 99% | 1% |
| 15:00 | 18:00 | 0% | 0% | 0% | 0% | 0% | 99% | 1% |
| 18:00 | 21:00 | 0% | 0% | 0% | 0% | 0% | 100% | 1% |
| 21:00 | 00:00 | 0% | 0% | 0% | 0% | 0% | 100% | 0% |

Day 2 of 2 rhythms

| | | | | | | | | |
|-------|-------|----|----|----|----|----|------|----|
| 00:00 | 03:00 | 0% | 0% | 0% | 0% | 0% | 100% | 0% |
| 03:00 | 06:00 | 0% | 0% | 0% | 0% | 0% | 99% | 0% |
| 06:00 | 09:00 | 0% | 0% | 0% | 0% | 0% | 99% | 0% |
| 09:00 | 12:00 | 0% | 0% | 0% | 0% | 0% | 99% | 1% |
| 12:00 | 15:00 | - | - | - | - | - | - | - |
| 15:00 | 18:00 | - | - | - | - | - | - | - |
| 18:00 | 21:00 | - | - | - | - | - | - | - |
| 21:00 | 00:00 | - | - | - | - | - | - | - |

Heart Rate Variability

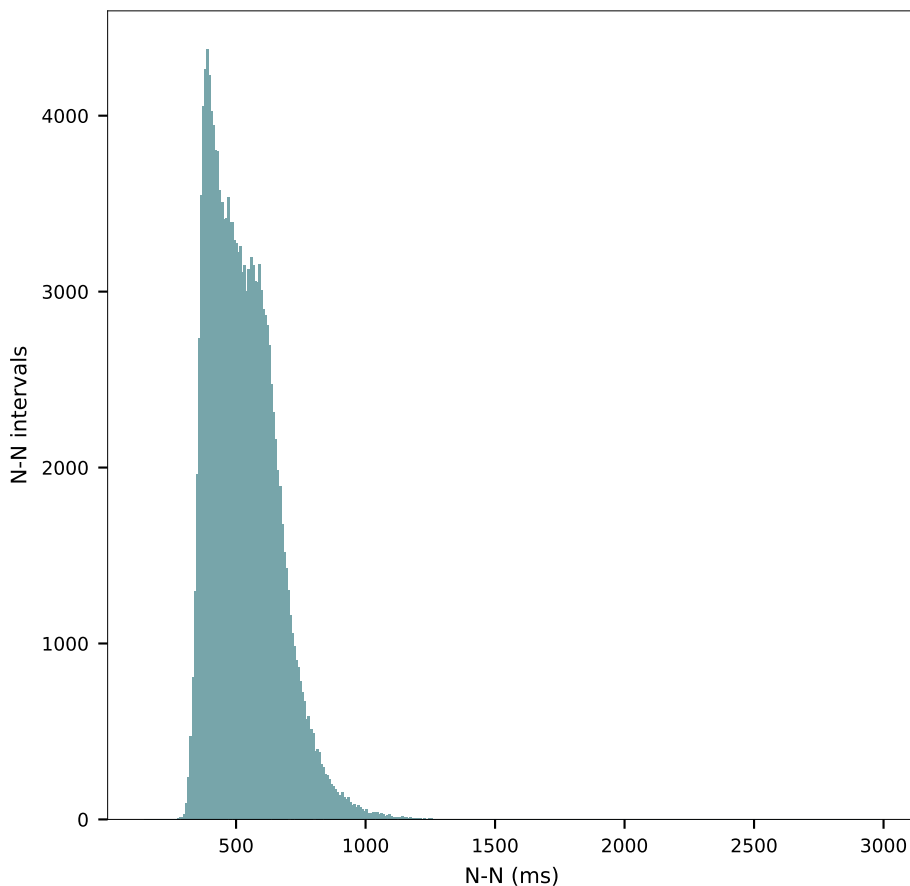
Poincaré plot



HRV parameters

| | |
|------------------|-----------|
| AVNN | 529.81 ms |
| SDNN | 131.72 ms |
| pNN20 | 87.21% |
| pNN50 | 72.49% |
| rMSSD | 165.82 ms |
| SDANN | 63.93 ms |
| SDNN index | 115.99 ms |
| Triangular index | 35.33 |

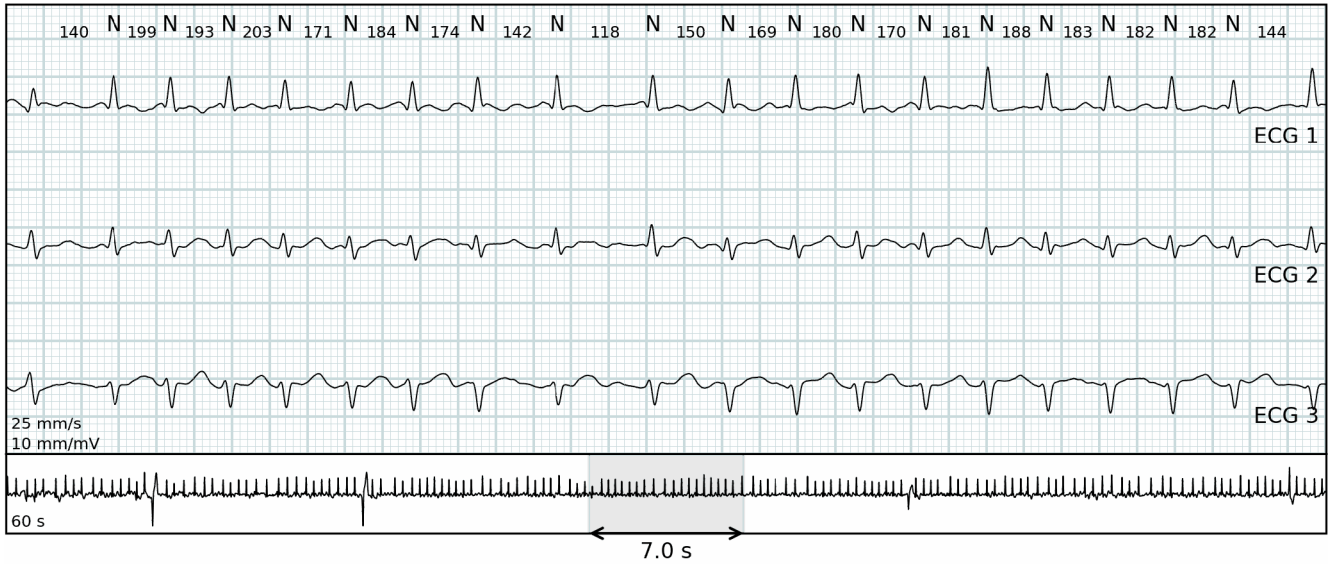
N-N interval histogram



Fastest heart rate

16:34:55 (Day 1)

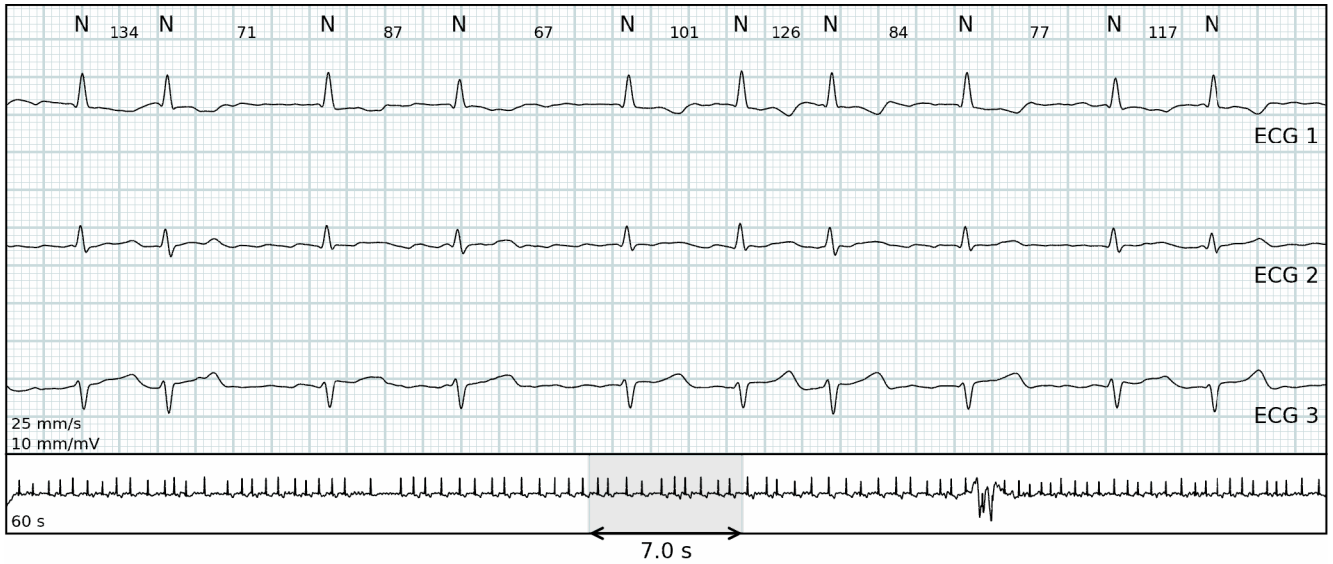
HR: 167 bpm



Slowest heart rate

04:14:26 (Day 2)

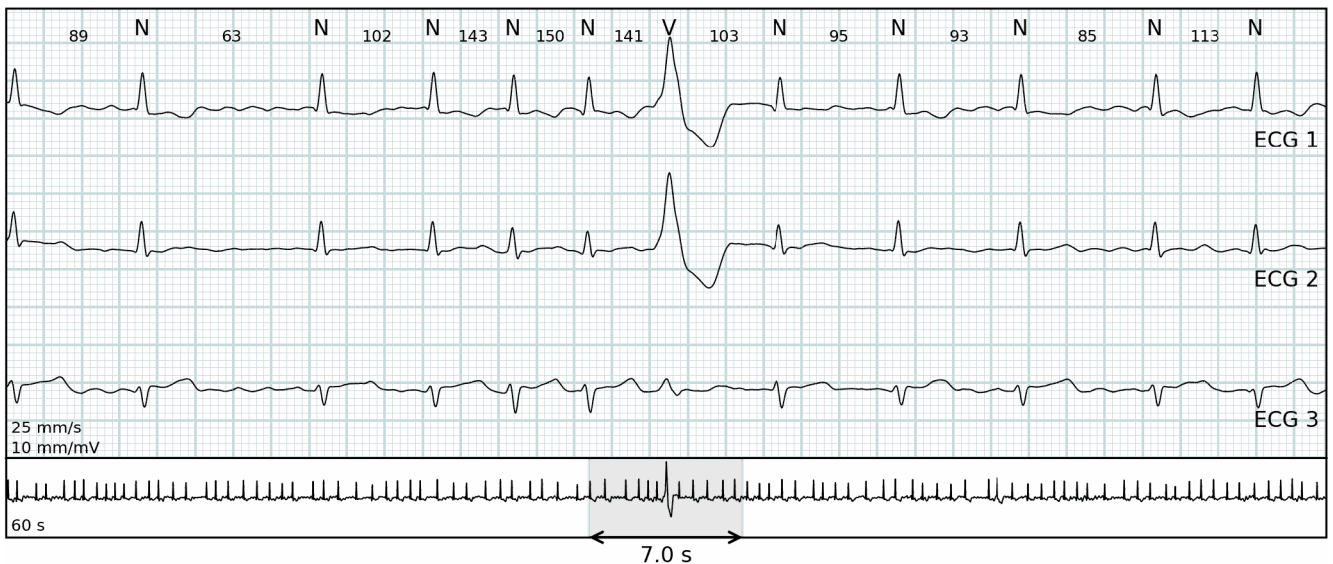
HR: 83 bpm



Ventricular

22:14:29 (Day 1)

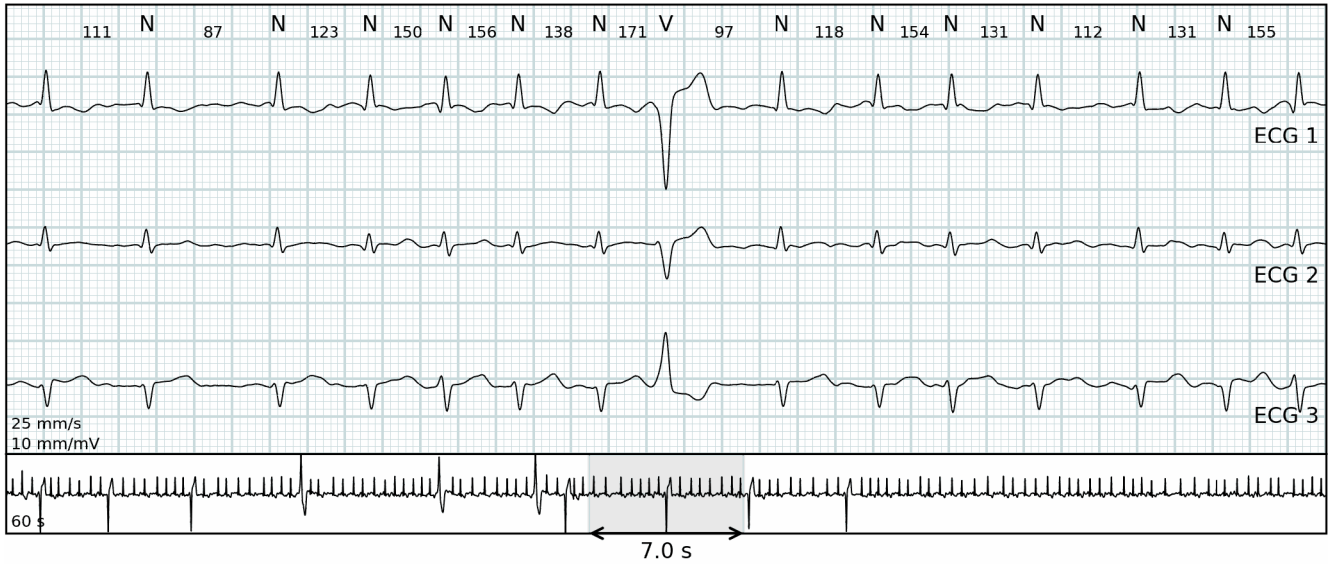
HR: 98 bpm



Ventricular

17:24:22 (Day 1)

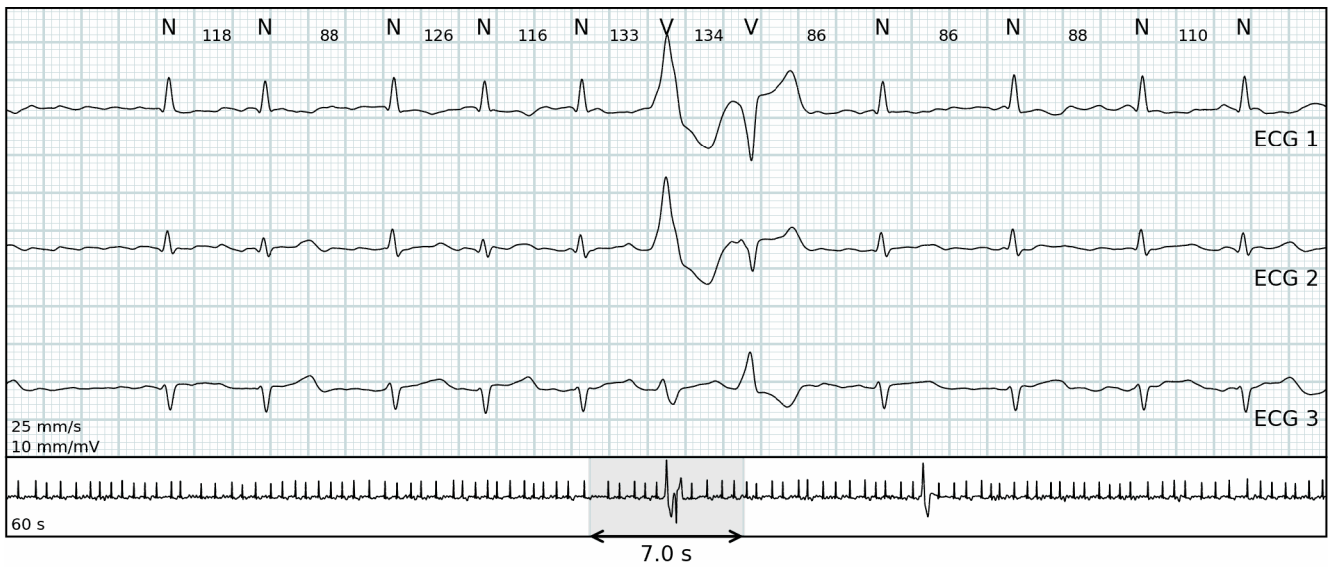
HR: 128 bpm



Ventricular couplet

00:19:17 (Day 2)

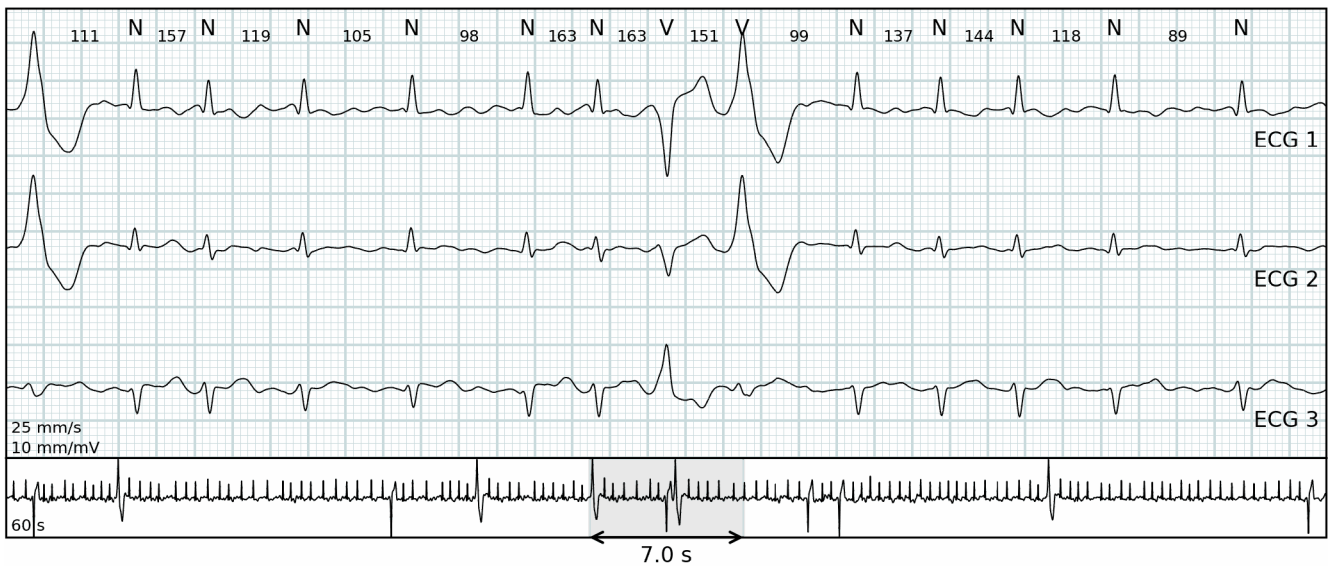
HR: 104 bpm



Ventricular couplet

17:28:10 (Day 1)

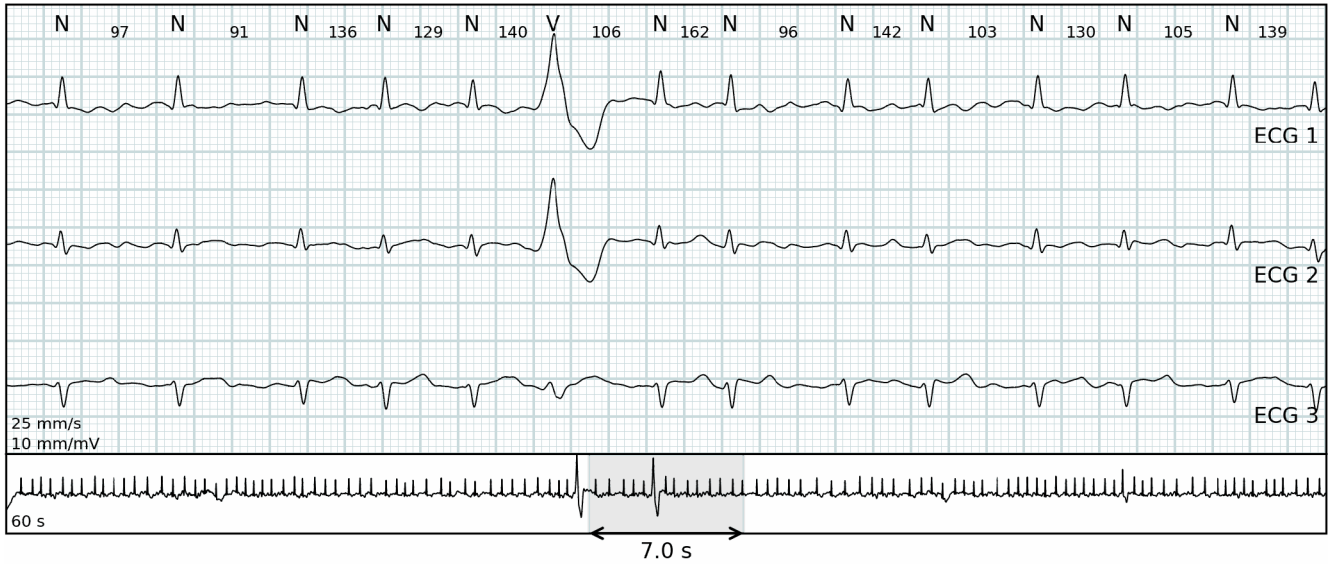
HR: 128 bpm



Atrial fibrillation or flutter

17:52:31 (Day 1)

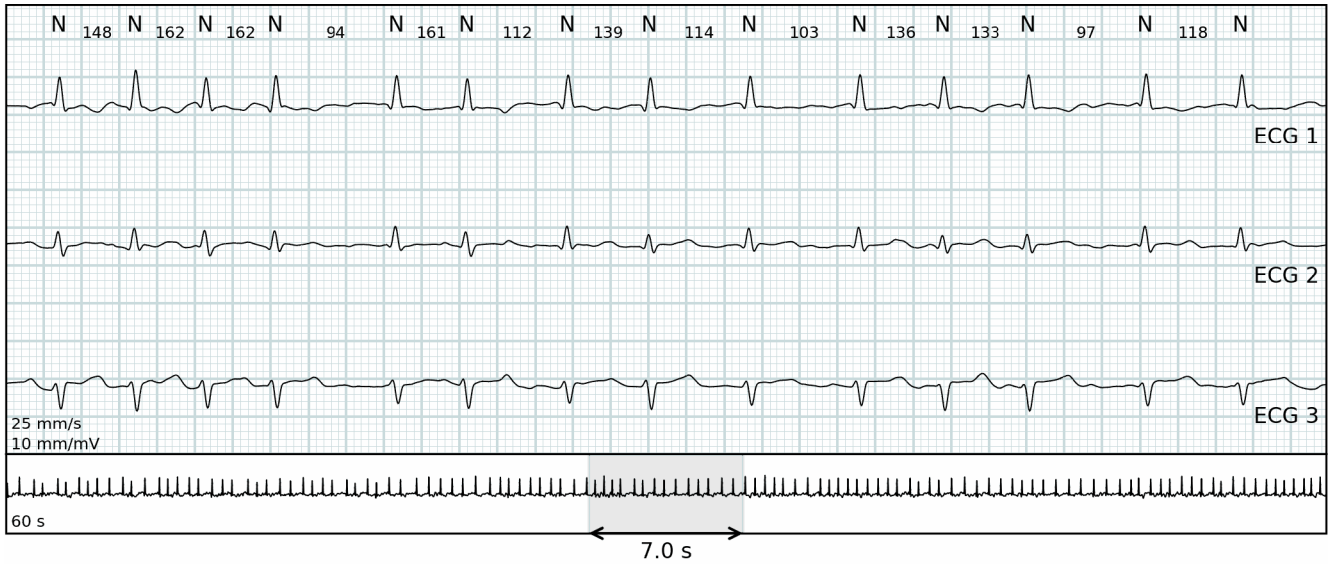
HR: 119 bpm



Atrial fibrillation or flutter

17:51:06 (Day 1)

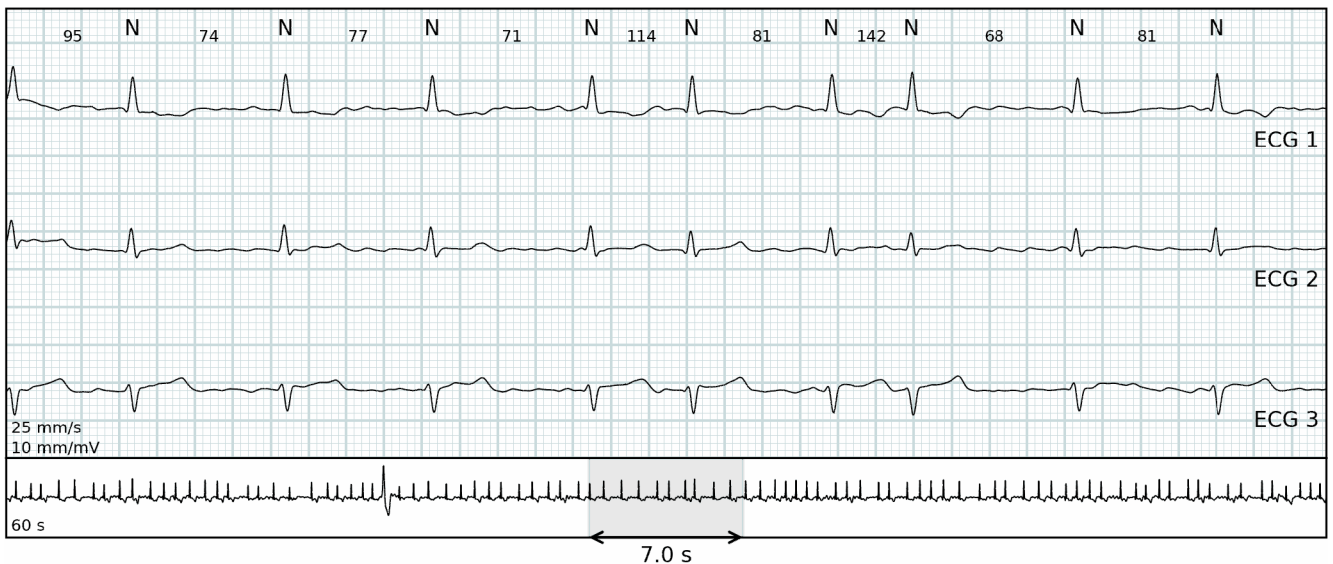
HR: 123 bpm



Atrial fibrillation or flutter

02:54:24 (Day 2)

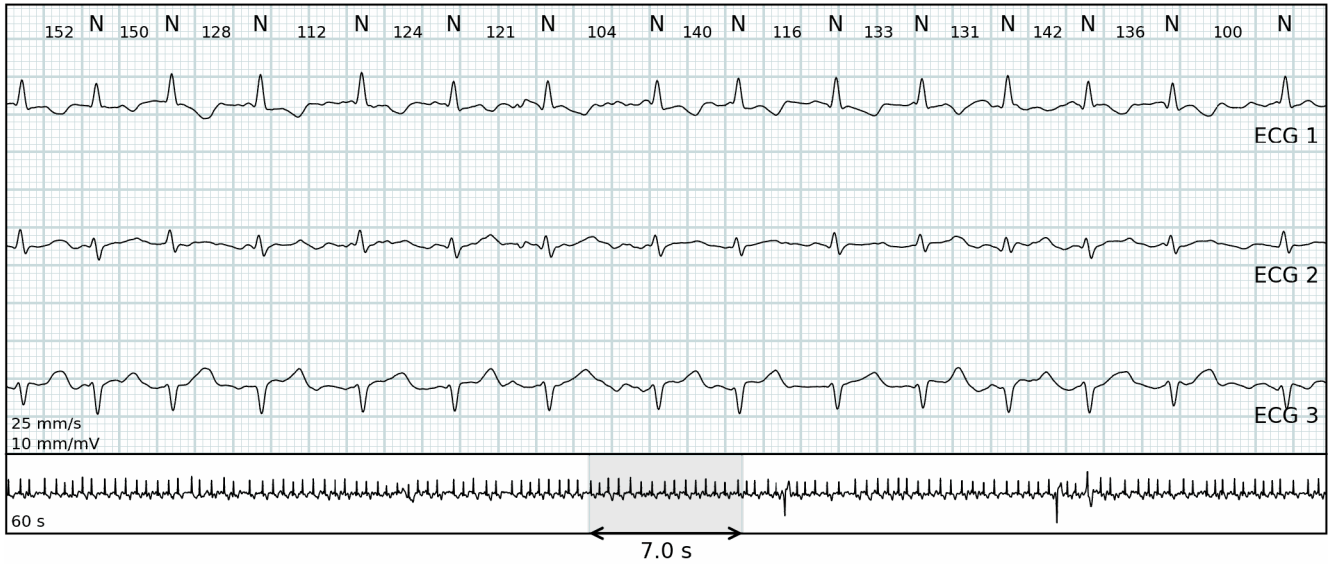
HR: 91 bpm



Atrial fibrillation or flutter

08:55:34 (Day 2)

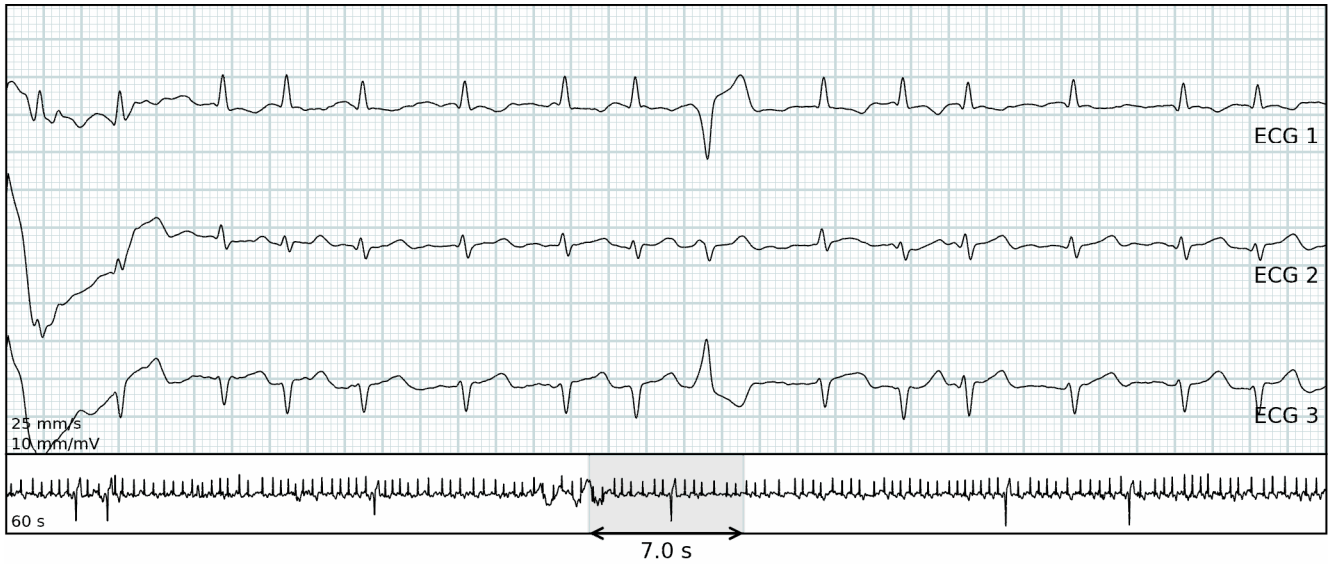
HR: 126 bpm



Patient events

13:22:43 (Day 1)

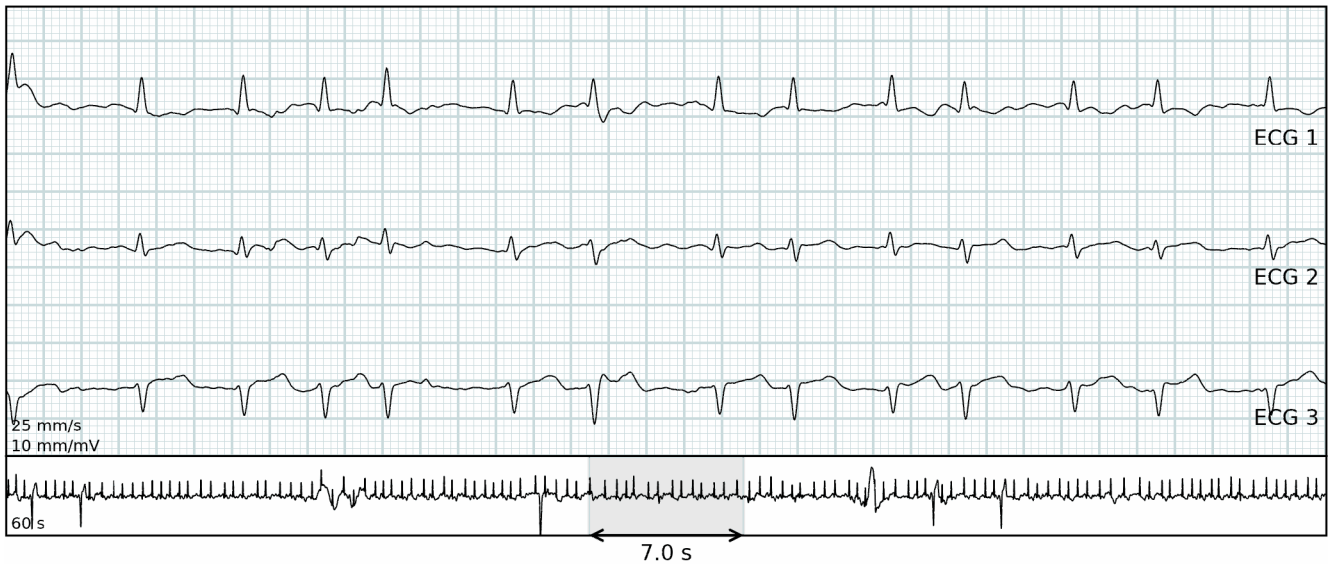
HR: 143 bpm



Patient events

18:12:05 (Day 1)

HR: 131 bpm



Patient events

19:45:28 (Day 1)

HR: 125 bpm



Patient events

01:04:30 (Day 2)

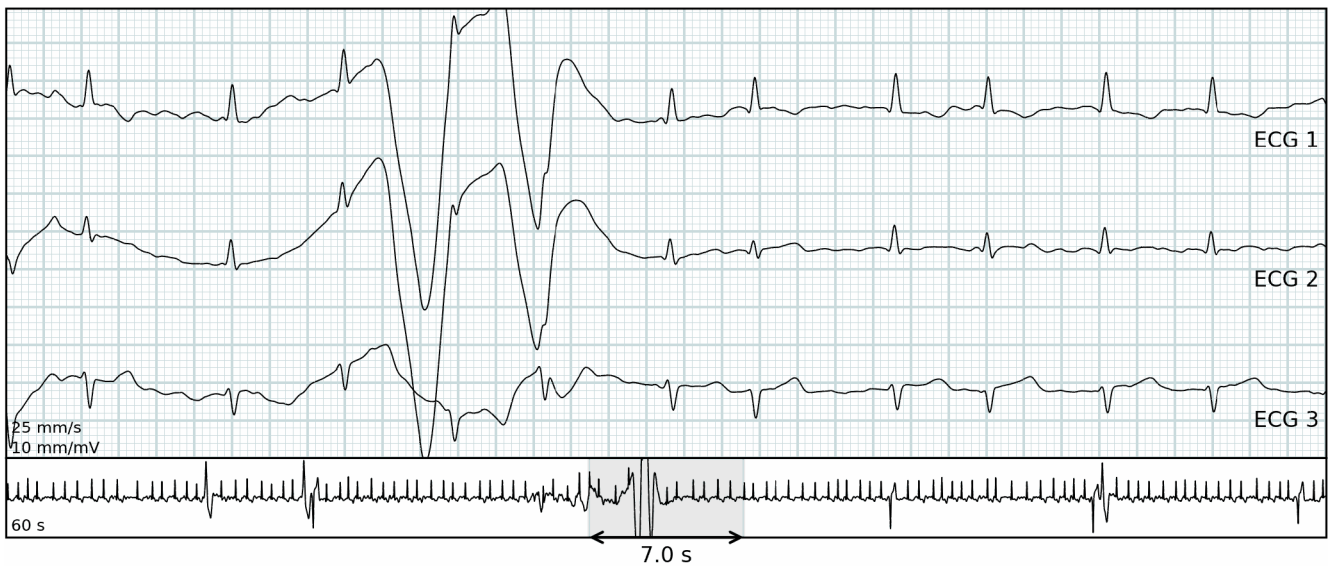
HR: 115 bpm



Patient events

01:07:07 (Day 2)

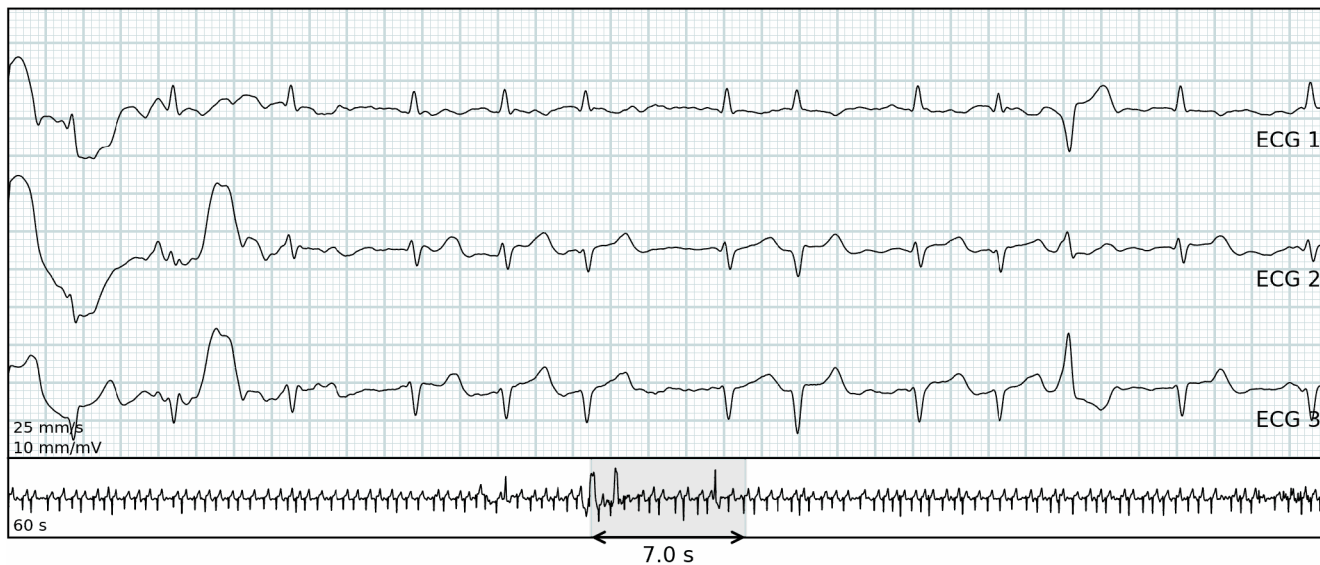
HR: 116 bpm



Patient events

05:27:21 (Day 2)

HR: 116 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 |