

Bioheart Certified Clinical Report

12/31/2025 – 12/31/2025

TRINH HAPPY NEW YEAR (MALE – 56)

Patient information	Referring physician	Interpreting physician
Patient ID: 888 Phone number: (+1) 555-555-5555 DOB: 01/08/1970 ☐ Pacemaker ☐ ICD	NA	NA

Diagnosis

Primary indication: NA
 Secondary indication: NA
 Patient medication: NA

Test summary

Total test duration: 58m 13s
 Auto-triggers: 1
 Manual events: 0
 Correlated events: 0
 Physician notified: No

Findings

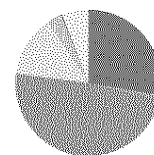
1. Predominant Rhythm was Sinus Bradycardia/Sinus Rhythm/Sinus Tachycardia
2. Min. HR: 30 bpm, Avg. HR: 35 bpm, Max. HR: 180 bpm.
3. No patient symptomatic.
4. Atrial Fibrillation/Flutter / Bradycardia / Tachycardia / Pause / Supraventricular Tachycardia
5. Total SVEs: 45 beats (1.63%) including SVEs, SVE Couplet, SVE Trigeminy, and 6 SVE Run lasting 3–13 beats with HR to 141 bpm.
6. Total VEs: 972 beats (35.13%) including VEs, VE Couplet, VE Bigeminy, VE Trigeminy, and 76 VE Run lasting 3–5 beats with HR to 140 bpm.

Heart rate

Avg. HR: 35 bpm
 Min. HR: 30 bpm @00:10:46 (1)
 Max. HR: 180 bpm @00:07:00 (1)

Burden

☒ VE: 35.13% (972)
☒ SVE: 1.63% (45)
☒ AFib: 61.19%
☒ Brady: 17.38%
☒ Tachy: 4.16%
☒ Pause: 0.22%
☒ Sinus: 7.34%



Atrial Fibrillation Summary

Time in AFib: 27m 31s
 Total episodes: 1
 Average HR: 64 bpm

AV Blocks

2nd Degree HB: 0
 3rd Degree HB: 0

MD signature:



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Test summary

Total test duration:	58m 13s	Correlated events:	0
Auto-triggers:	1	Physician notified:	No
Manual events:	0		

Heart rate

Beats:	2767
Avg. HR:	35 bpm
Min. HR:	30 bpm @00:10:46 (1)
Max. HR:	180 bpm @00:07:00 (1)
Nighttime avg:	41 bpm (20:00)
Daytime avg:	NA (06:00)

Heart rate variability

SDNN:	637.71 ms
SDANN:	580.83 ms
rMSSD:	281.79 ms
pNN50:	23.46%
TP:	778989
VLF:	373150
LF:	92889
HF:	7508

Ventricular ectopic

Total VEs:	972 beats
Single VEs:	257 beats
VE Couplet:	152 times (304 beats)
VE Run:	76 times (247 beats)
Fastest VE Run:	140 bpm @00:07:40 (1)
Longest VE Run:	5 beats (5s) @01:02:33 (1)
VE Bigeminy:	46 times (161 beats)
VE Trigeminy:	1 time (3 beats)
VE Quadrigeminy:	NA
VE Percent:	35.13%

Supraventricular ectopic

Total SVEs:	45 beats
Single SVEs:	5 beats
SVE Couplet:	3 times (6 beats)
SVE Run:	6 times (30 beats)
Fastest SVE Run:	141 bpm @00:08:57 (1)
Longest SVE Run:	13 beats (5s) @00:10:37 (1)
SVE Bigeminy:	NA
SVE Trigeminy:	1 time (4 beats)
SVE Quadrigeminy:	NA
SVE Percent:	1.63%

Bradycardia

Total episodes:	1
Total duration:	16m, 27.49%
Longest episode:	16m @00:10:56 (1)
Slowest heart rate:	30 bpm @00:10:56 (1)

Tachycardia

Total episodes:	1
Total duration:	38.1s, 1.09%
Longest episode:	38.1s @00:06:57 (1)
Fastest heart rate:	180 bpm @00:06:57 (1)

Atrial Fibrillation (AFib)

Time in AFib:	27m 31s
Total burden:	61.19%
Total AFib episodes:	1
Longest episode:	27m 31s @00:37:38 (1)
Nighttime burden (20:00 – 6:00):	47.27%
Daytime burden (6:00 – 20:00):	0%
Average heart rate:	64 bpm

Pause

Total episodes:	3
Longest episode:	3.4s @00:37:14 (1)
Shortest episode:	2.7s @00:37:11 (1)
Pause percentage:	0.27%



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DAILY SUMMARY

Date	Heart rate	Arrhythmia burden	Pauses > 2.5s	Events
12/31/2025	Min: 30 at 00:10	Brady: 27.48%	Count: 3	Manual: 0
	Avg: 35	Tachy: 1.09%	Longest: 3.4s at 00:37	Auto: 1
	Max: 180 at 00:07	AFib: 47.27%		Physician notified: No



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PATIENT EVENT SUMMARY**Manual events**

Date/Time	Symptoms	Technician comments	Strip #
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There is no data to display

Auto events

Date/Time	Technician comments	Strip #
12/31/2025, 00:06	Tachycardia at 180 bpm	1 – page 7
12/31/2025, 00:07	trinh 31/12	2 – page 7
12/31/2025, 00:07	Max HR at 180 bpm	3 – page 7
12/31/2025, 00:07	VE Couplet	4 – page 8
12/31/2025, 00:07	VE Run at 140 bpm	5 – page 8
12/31/2025, 00:07	VE Bigeminy	6 – page 8
12/31/2025, 00:08	SVE	7 – page 9
12/31/2025, 00:08	SVE Run at 141 bpm	8 – page 9
12/31/2025, 00:09	SVE Couplet	9 – page 9
12/31/2025, 00:10	Supraventricular Tachycardia at 140 bpm with SVE Couplet	10 – page 10
12/31/2025, 00:10	Min HR at 30 bpm	11 – page 10
12/31/2025, 00:10	–	12 – page 10
12/31/2025, 00:10	Bradycardia at 30 bpm	13 – page 12
12/31/2025, 00:20	trinh 31/12	14 – page 13
12/31/2025, 00:37	VE	15 – page 13
12/31/2025, 00:37	SVE Trigeminy at 167 bpm	16 – page 13
12/31/2025, 00:37	Pause 3.41s	17 – page 14
12/31/2025, 00:37	Atrial Fibrillation/Flutter at 66 bpm	18 – page 14
12/31/2025, 00:37	Atrial Fibrillation/Flutter at 61 bpm with VE Couplet	19 – page 14



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Auto events

Date/Time	Technician comments	Strip #
12/31/2025, 00:55	VE Trigeminy	20 - page 15
12/31/2025, 01:02	VE Run at 49 bpm	21 - page 15



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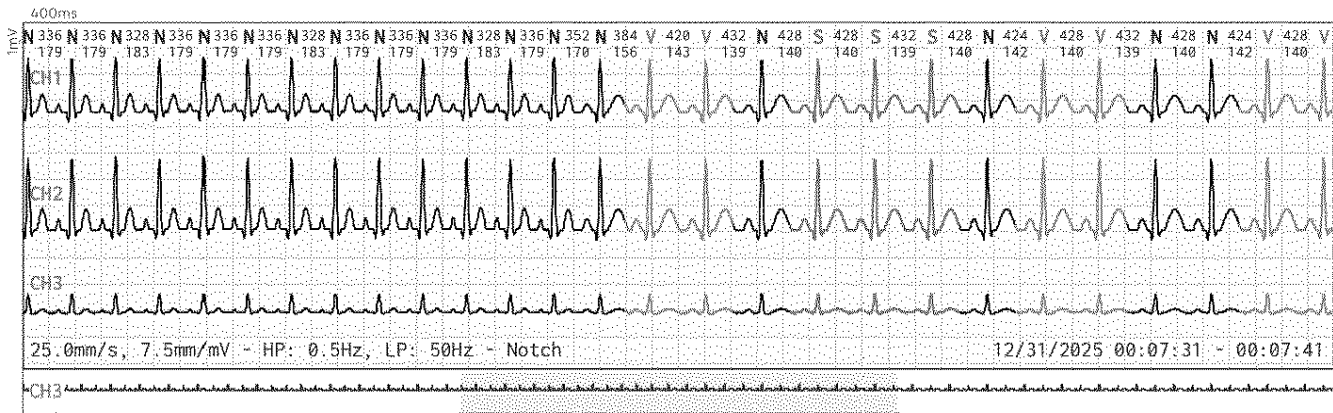
Enrollment period: 12/31/2025 - 12/31/2025

SAMPLE STRIPS

Date: 12/31/2025, 00:07

Strip 4 - 1 / 1

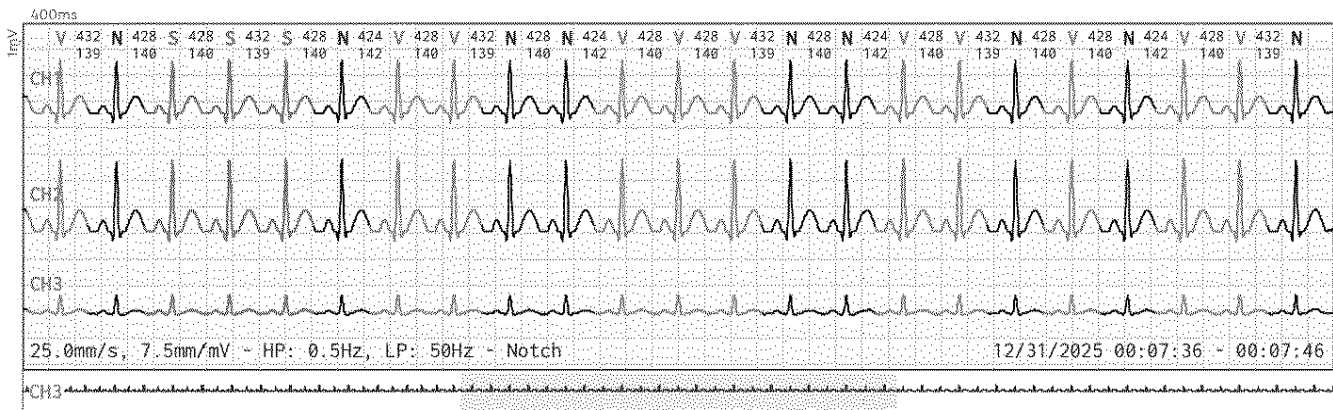
Technician comments: VE Couplet



Date: 12/31/2025, 00:07

Strip 5 - 1 / 1

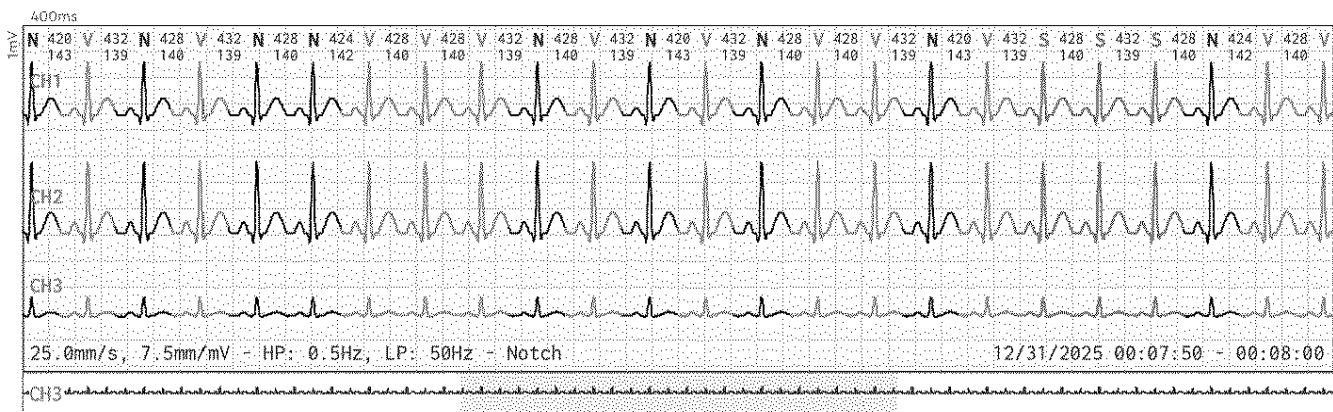
Technician comments: VE Run at 140 bpm



Date: 12/31/2025, 00:07

Strip 6 - 1 / 1

Technician comments: VE Bigeminy



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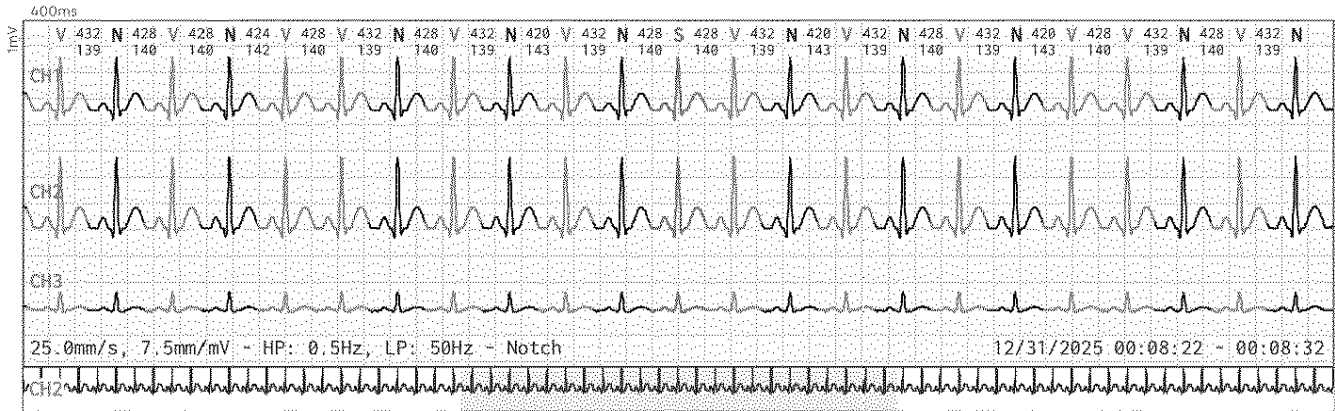
Enrollment period: 12/31/2025 - 12/31/2025

SAMPLE STRIPS

Date: 12/31/2025, 00:08

Strip 7 - 1 / 1

Technician comments: SVE



Date: 12/31/2025, 00:08

Strip 8 - 1 / 1

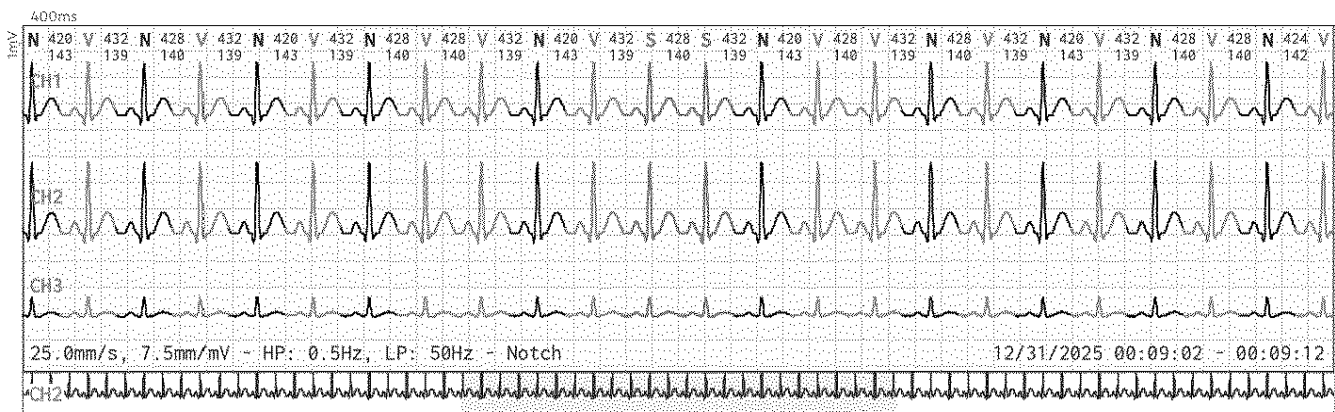
Technician comments: SVE Run at 141 bpm



Date: 12/31/2025, 00:09

Strip 9 - 1 / 1

Technician comments: SVE Couplet



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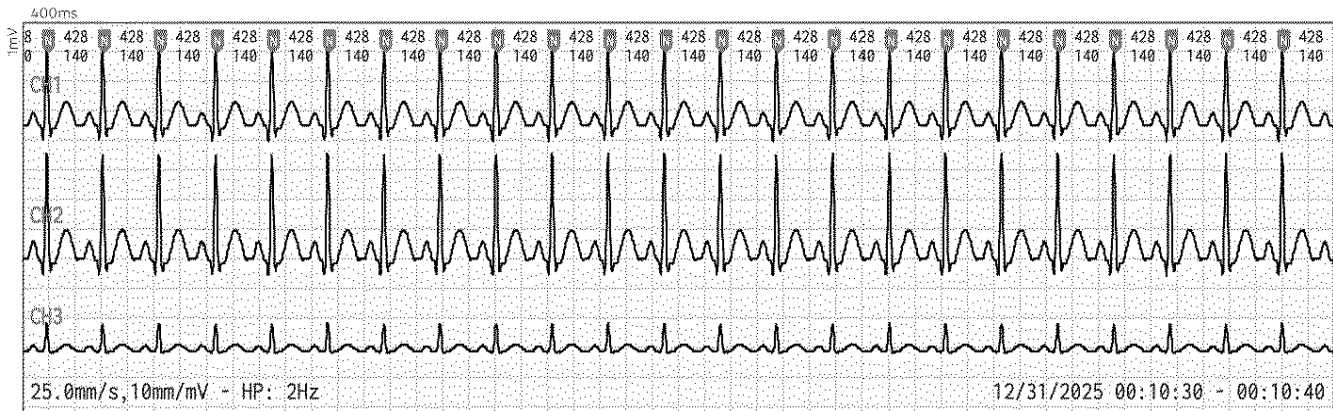
Enrollment period: 12/31/2025 - 12/31/2025

SAMPLE STRIPS

Date: 12/31/2025, 00:10

Strip 12 - 2 / 6

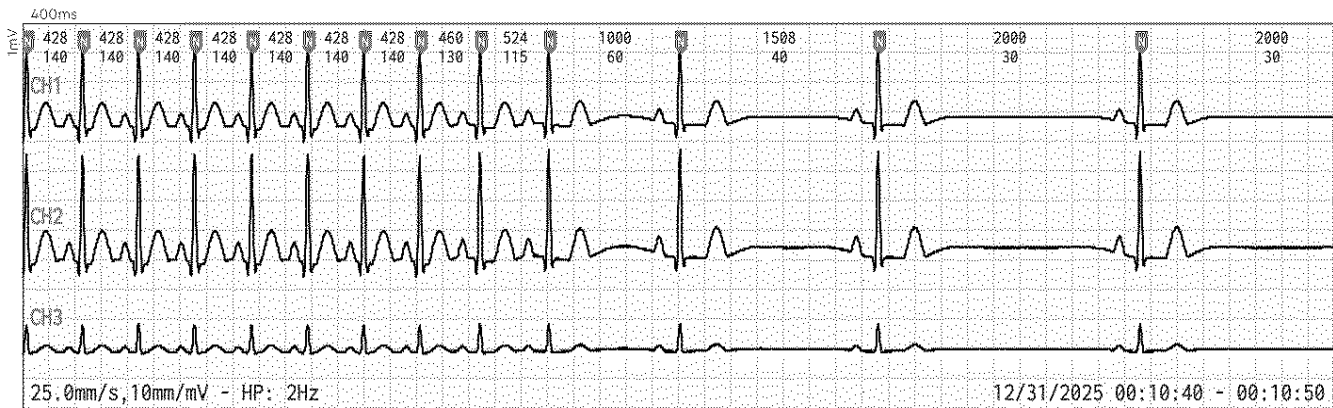
Technician comments:



Date: 12/31/2025, 00:10

Strip 12 - 3 / 6

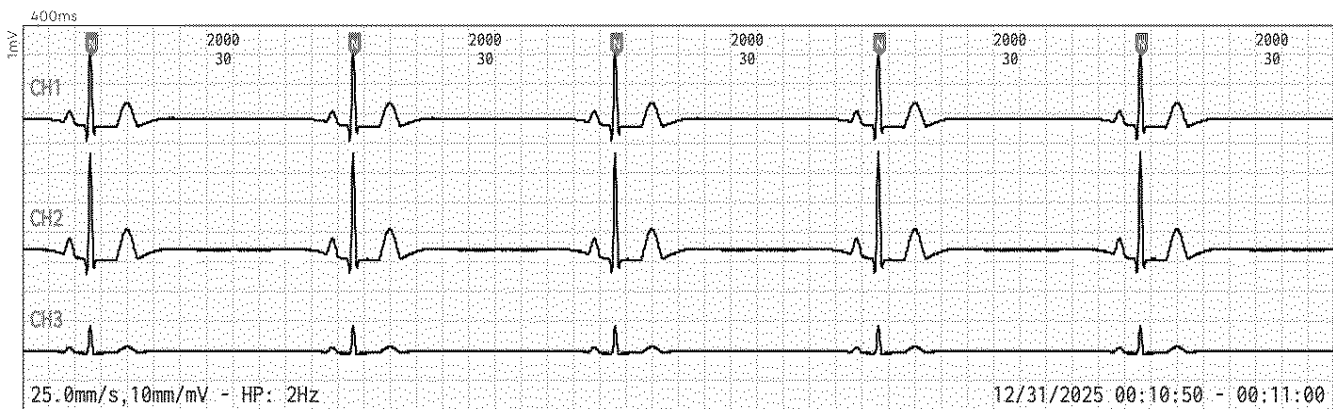
Technician comments:



Date: 12/31/2025, 00:10

Strip 12 - 4 / 6

Technician comments:



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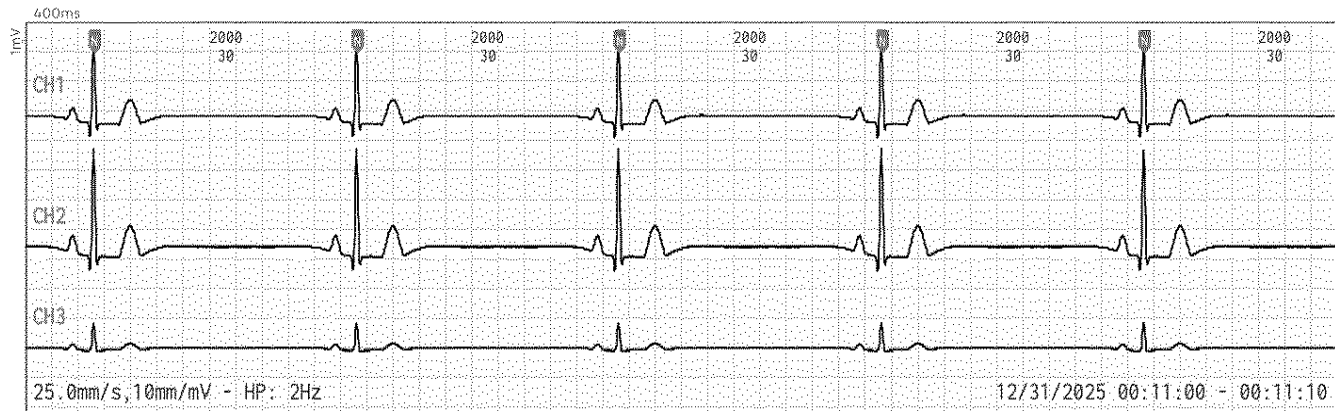
Enrollment period: 12/31/2025 - 12/31/2025

SAMPLE STRIPS

Date: 12/31/2025, 00:10

Strip 12 - 5 / 6

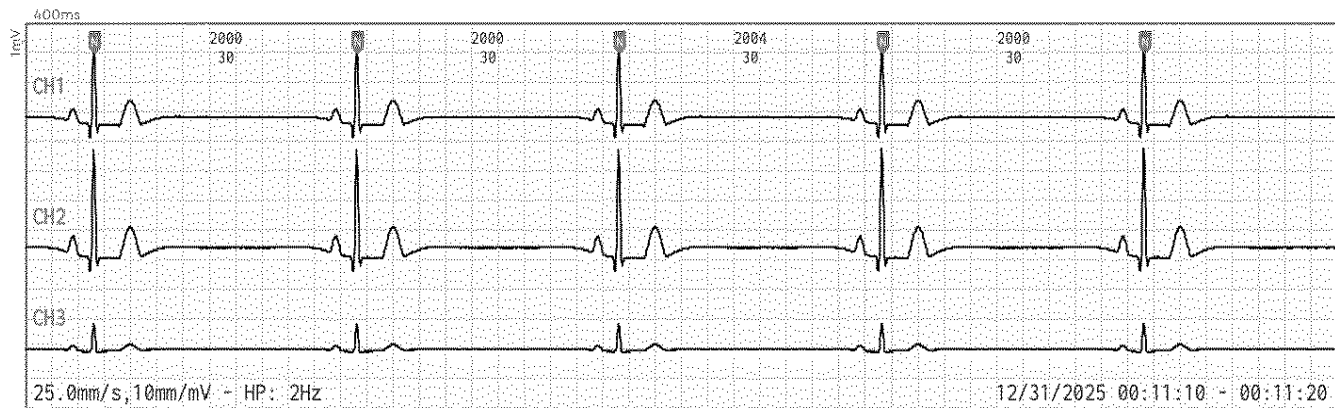
Technician comments:



Date: 12/31/2025, 00:10

Strip 12 - 6 / 6

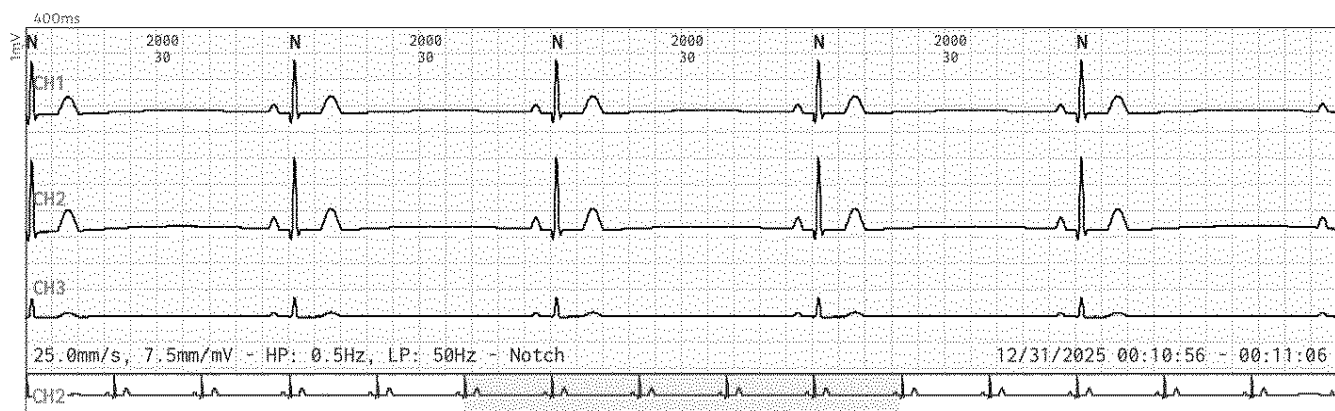
Technician comments:



Date: 12/31/2025, 00:10

Strip 13 - 1 / 1

Technician comments: Bradycardia at 30 bpm



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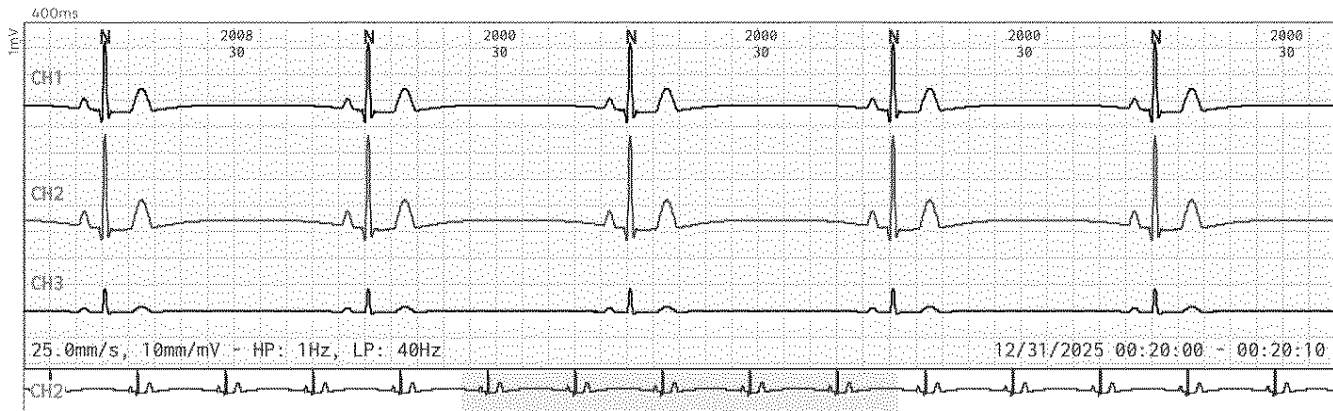
Enrollment period: 12/31/2025 - 12/31/2025

SAMPLE STRIPS

Date: 12/31/2025, 00:20

Strip 14 - 1 / 1

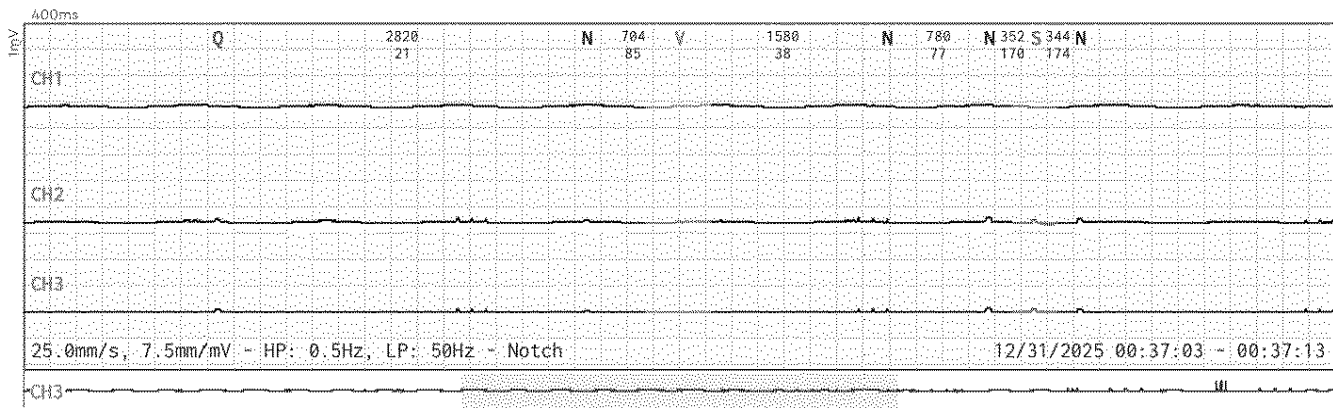
Technician comments: trinh 31/12



Date: 12/31/2025, 00:37

Strip 15 - 1 / 1

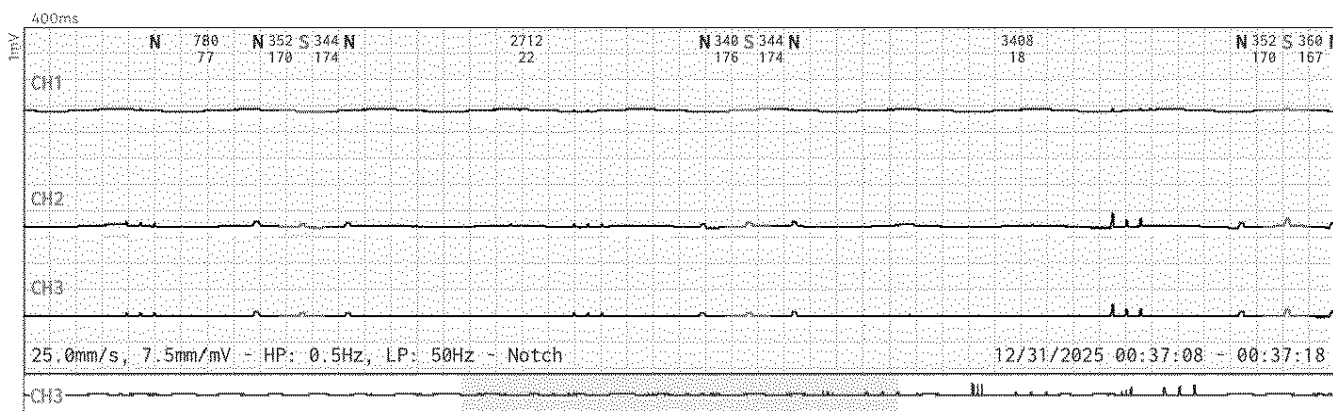
Technician comments: VE



Date: 12/31/2025, 00:37

Strip 16 - 1 / 1

Technician comments: SVE Trigeminy at 167 bpm



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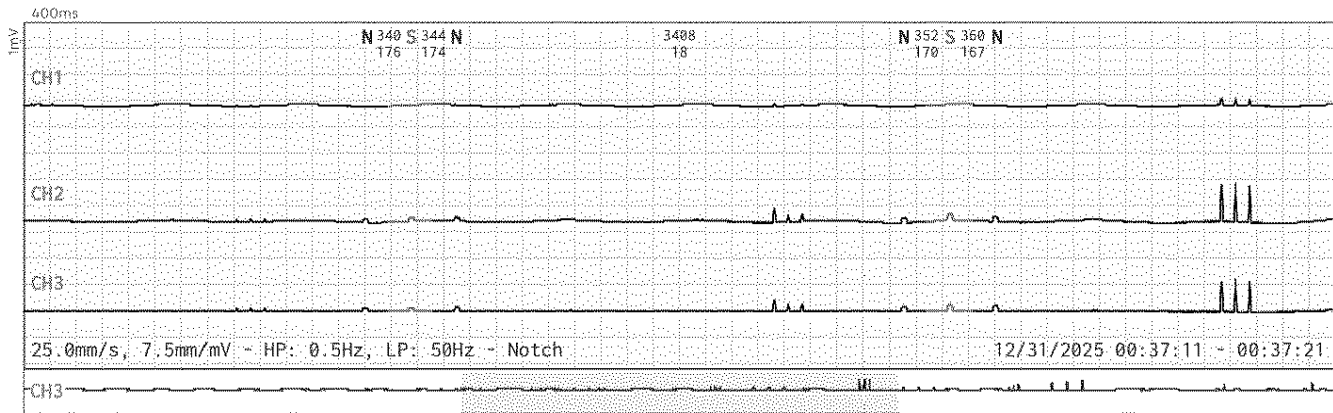
Enrollment period: 12/31/2025 - 12/31/2025

SAMPLE STRIPS

Date: 12/31/2025, 00:37

Strip 17 - 1 / 1

Technician comments: Pause 3.41s



Date: 12/31/2025, 00:37

Strip 18 - 1 / 1

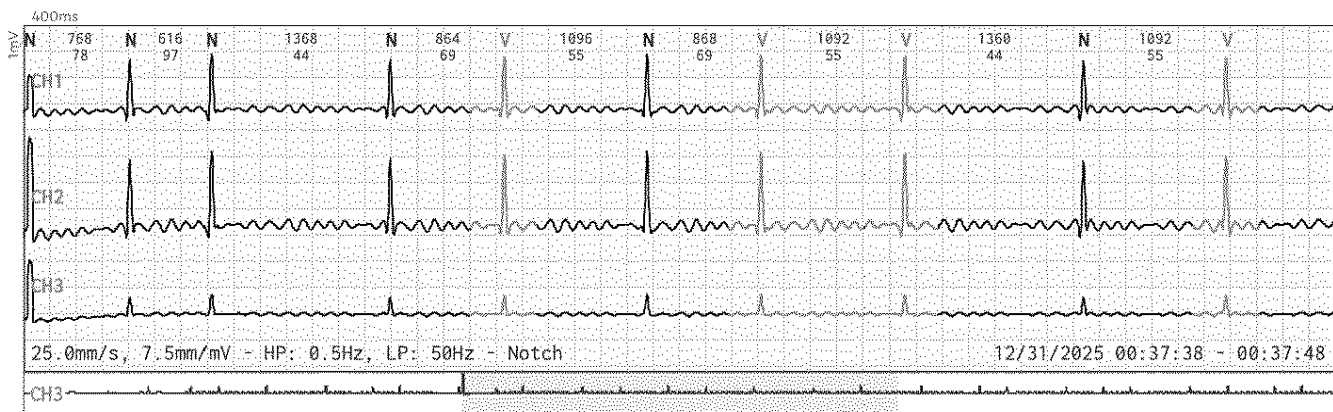
Technician comments: Atrial Fibrillation/Flutter at 66 bpm



Date: 12/31/2025, 00:37

Strip 19 - 1 / 1

Technician comments: Atrial Fibrillation/Flutter at 61 bpm with VE Couplet



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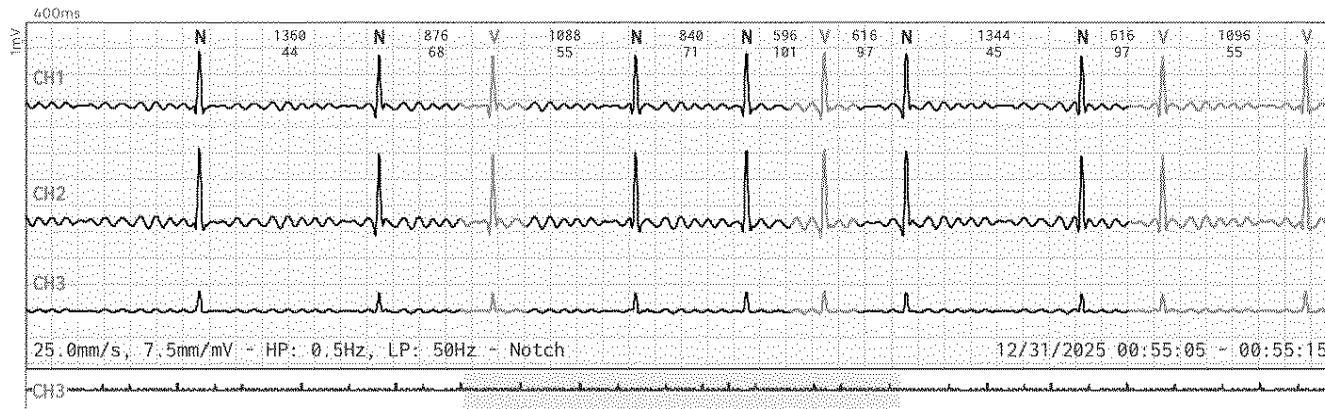
Enrollment period: 12/31/2025 - 12/31/2025

SAMPLE STRIPS

Date: 12/31/2025, 00:55

Strip 20 - 1 / 1

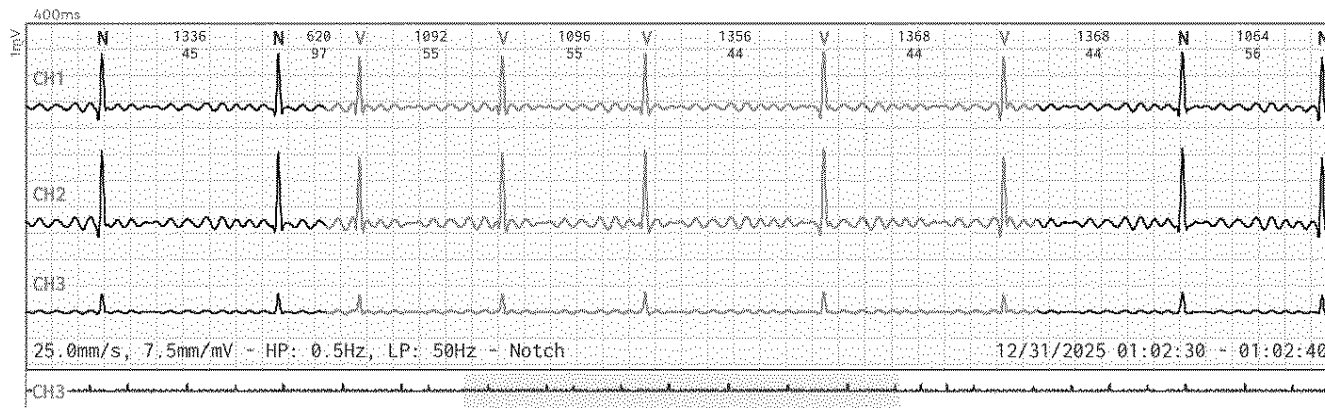
Technician comments: VE Trigeminy



Date: 12/31/2025, 01:02

Strip 21 - 1 / 1

Technician comments: VE Run at 49 bpm



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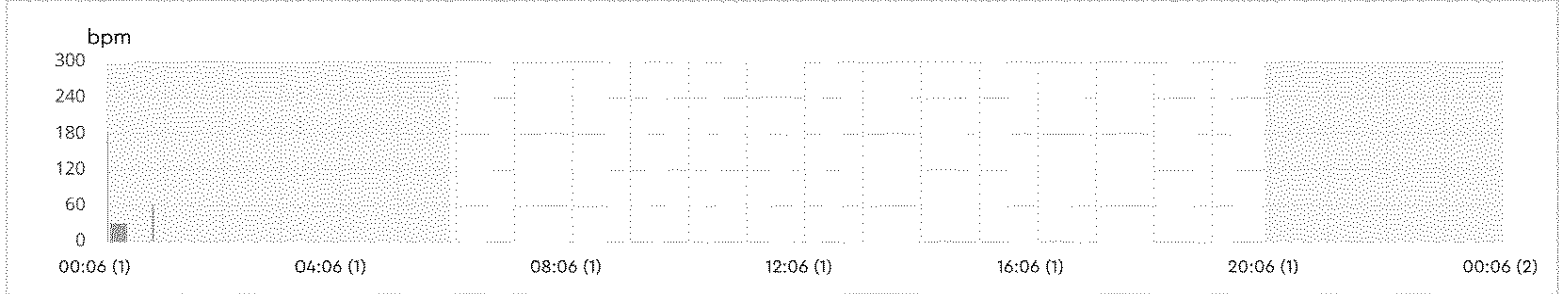
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HEART RATE

Day 1



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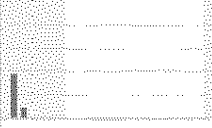
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AFIB BURDEN ANALYSIS

Time in Atrial Fibrillation:	27m 31s	AFib burden: 61.19%		
Longest episode:	27m 31s @00:37:38 (1)	HR range	Duration	Burden
Fastest HR in AFib:	64 bpm @12/31, 00:37:38	< 60 bpm	17m 1s	 61.84%
Slowest HR in AFib:	64 bpm @12/31, 00:37:38	60 - 100 bpm	9m 23s	 34.1%
Average heart rate:	64 bpm	100 - 140 bpm	1m 6s	 4%
		> 140 bpm	1s	 0.06%

Date	12/31/2025				
Hourly AFib burden histogram (%)					
AFib burden:	27m 31s (47.27%)				
HR < 60 bpm:	17m 1s				
HR 60 - 100 bpm:	9m 23s				
HR 100 - 140 bpm:	1m 6s				
HR > 140 bpm:	1s				
Longest episode:	27m 31s				
Slowest HR in AFib:	65 bpm				
Fastest HR in AFib:	65 bpm				
Average HR:	65 bpm				



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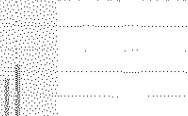
Patient ID: 888

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VE BURDEN ANALYSIS

Total beats:	972 beats	Single VEs:	257 times
VE Burden:	35.13%	VE Couplet:	152 times
		VE Run:	76 times (247 beats)

Date	12/31/2025				
Hourly VE burden histogram (%)					
Total beats of study:	2767				
VE burden:	972 (35.13%)				
Single VEs:	257 times				
VE Couplet:	152 times				
VE Run:	76 times				
VE Bigeminy:	46 times				
VE Trigeminy:	1 time				
VE Quadrigeminy:	NA				



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SVE BURDEN ANALYSIS

Total beats:	45 beats	Single SVEs:	5 times
SVE Burden:	1.63%	SVE Couplet:	3 times
		SVE Run:	6 times (30 beats)

Date	12/31/2025				
Hourly SVE burden histogram (%)					
Total beats of study:	2767				
SVE burden:	45 (1.63%)				
Single SVEs:	5 times				
SVE Couplet:	3 times				
SVE Run:	6 times				
SVE Bigeminy:	NA				
SVE Trigeminy:	1 time				
SVE Quadrigeminy:	NA				



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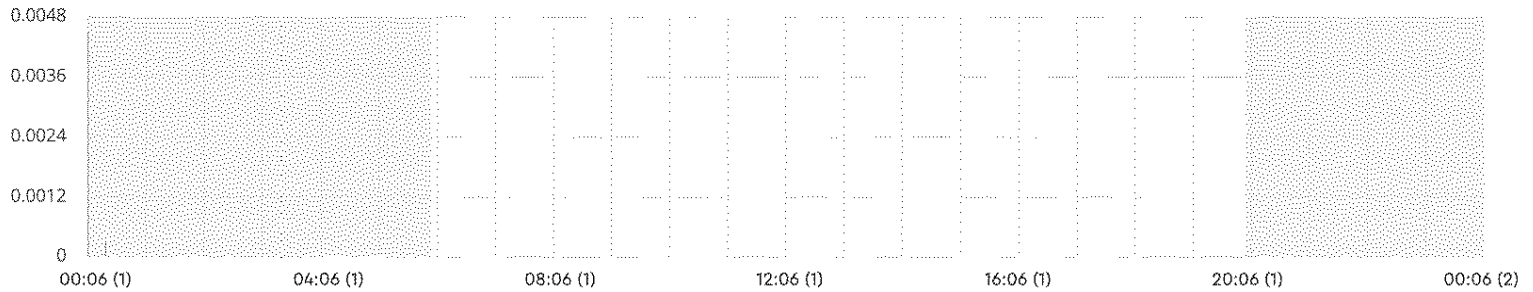
Patient ID: 888

DOB: 01/08/1970

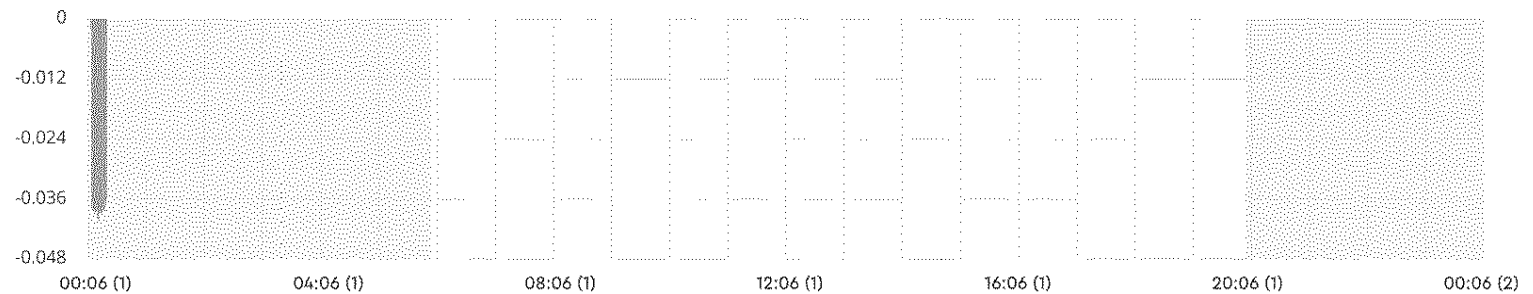
Enrollment period: 12/31/2025 - 12/31/2025

ST TREND

Slope (mV/s)



Level (mV)



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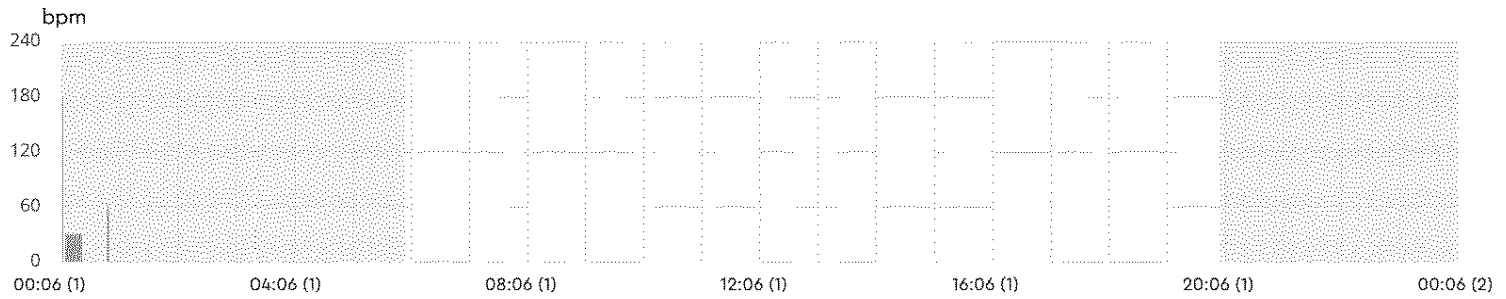
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HRV SUMMARY - TREND**HRV summary**

Total Beats:	2766	CV:	0.47
Beats used for HRV:	1114 (40.27%)	Triangle Index:	1.00
Avg. RR:	1368.00 ms	HRV Index:	0.50
Max. RR:	3408.00 ms	TP:	778989.00
Min. RR:	328.00 ms	VLF:	373150.00
SDNN:	637.71 ms	LF:	92889.00
MSD:	125.96 ms	LF Norm:	22.89 nu
SDANN:	580.83 ms	HF:	7508.00
rMSSD:	281.79 ms	HF Norm:	1.85 nu
pNN50:	23.46%	LF/HF:	12.37

Heart rate trend

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Time	MEANRR	SDNN	rMSSD	pNN50	SDANN	SDNN INDEX
00:06(1) – 01:06(1)	1368.00	637.71	281.79	23.46	580.83	260.96
01:06(1) – 02:06(1)	0	0	0	0	0	0
02:06(1) – 03:06(1)	0	0	0	0	0	0
03:06(1) – 04:06(1)	0	0	0	0	0	0
04:06(1) – 05:06(1)	0	0	0	0	0	0
05:06(1) – 06:06(1)	0	0	0	0	0	0
06:06(1) – 07:06(1)	0	0	0	0	0	0
07:06(1) – 08:06(1)	0	0	0	0	0	0
08:06(1) – 09:06(1)	0	0	0	0	0	0
09:06(1) – 10:06(1)	0	0	0	0	0	0
10:06(1) – 11:06(1)	0	0	0	0	0	0
11:06(1) – 12:06(1)	0	0	0	0	0	0
12:06(1) – 13:06(1)	0	0	0	0	0	0
13:06(1) – 14:06(1)	0	0	0	0	0	0
14:06(1) – 15:06(1)	0	0	0	0	0	0
15:06(1) – 16:06(1)	0	0	0	0	0	0
16:06(1) – 17:06(1)	0	0	0	0	0	0
17:06(1) – 18:06(1)	0	0	0	0	0	0
18:06(1) – 19:06(1)	0	0	0	0	0	0
19:06(1) – 20:06(1)	0	0	0	0	0	0
20:06(1) – 21:06(1)	0	0	0	0	0	0
21:06(1) – 22:06(1)	0	0	0	0	0	0
22:06(1) – 23:06(1)	0	0	0	0	0	0
23:06(1) – 00:06(2)	0	0	0	0	0	0



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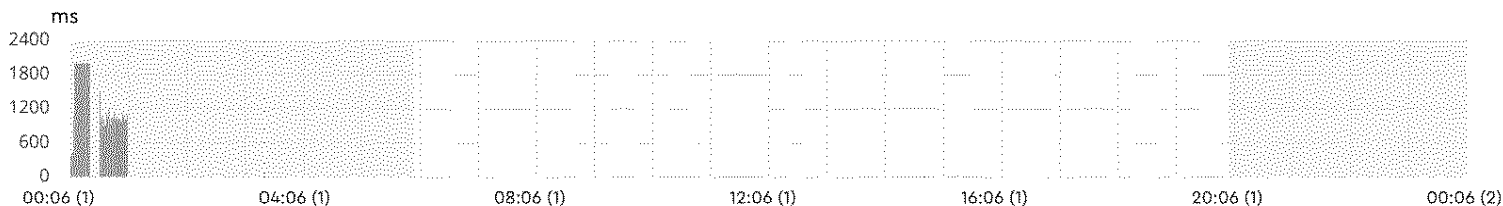
Patient ID: 888

DOB: 01/08/1970

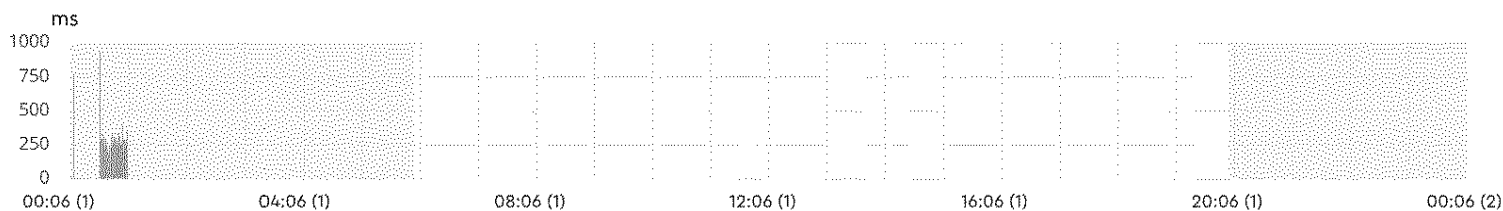
Enrollment period: 12/31/2025 - 12/31/2025

HRV - RR INTERVAL

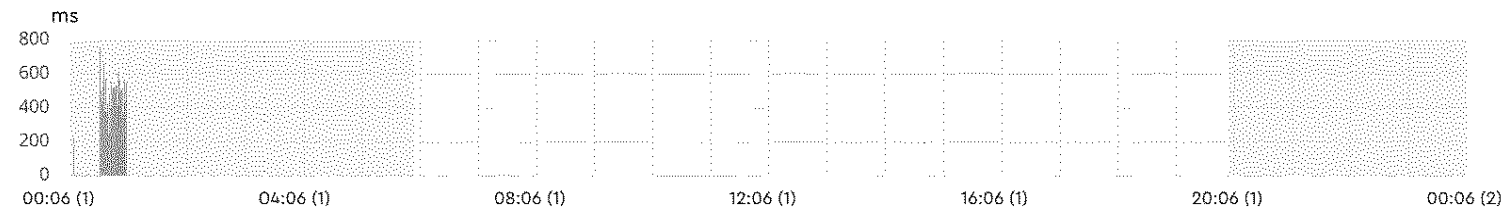
MEANRR



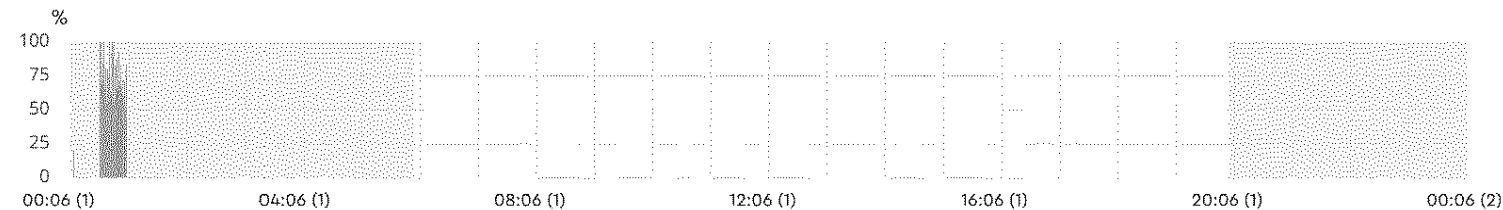
SDNN



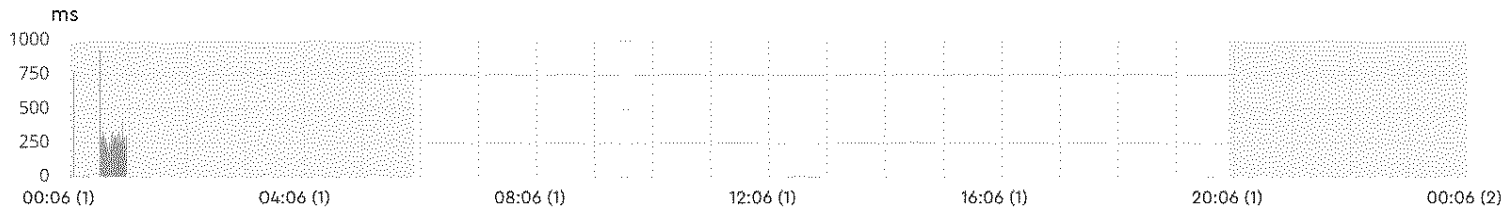
rMSSD



pNN50



SDNN index



TRINH HAPPY NEW YEAR (M - 56)

Patient ID: 888

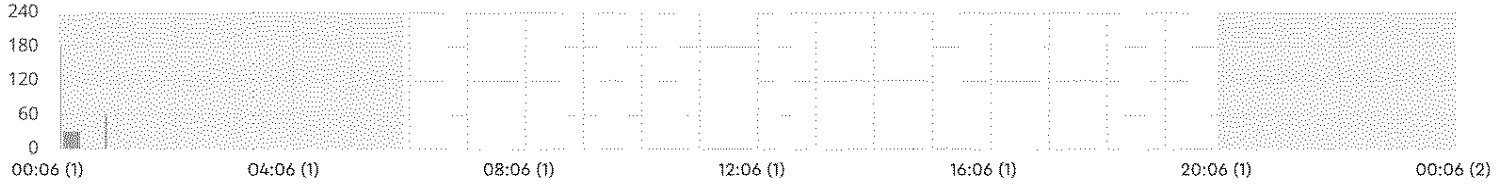
DOB: 01/08/1970

Enrollment period: 12/31/2025 - 12/31/2025

QTC CHART

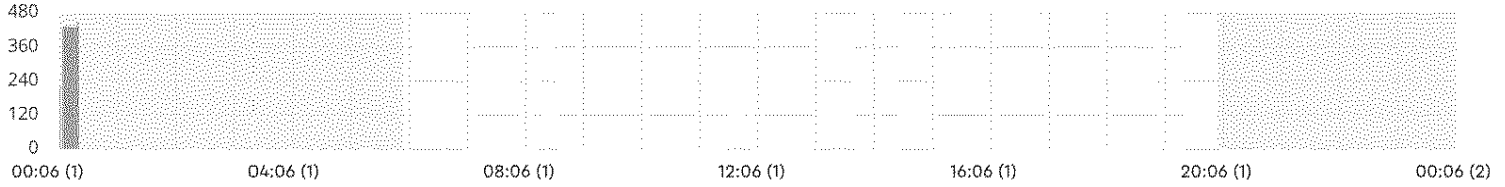
Heart rate

bpm



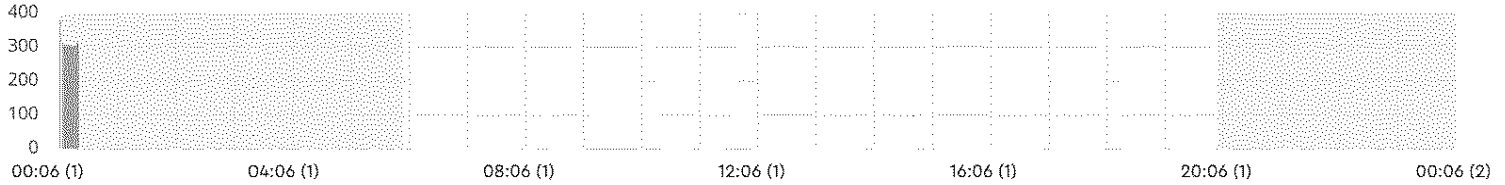
QT

ms

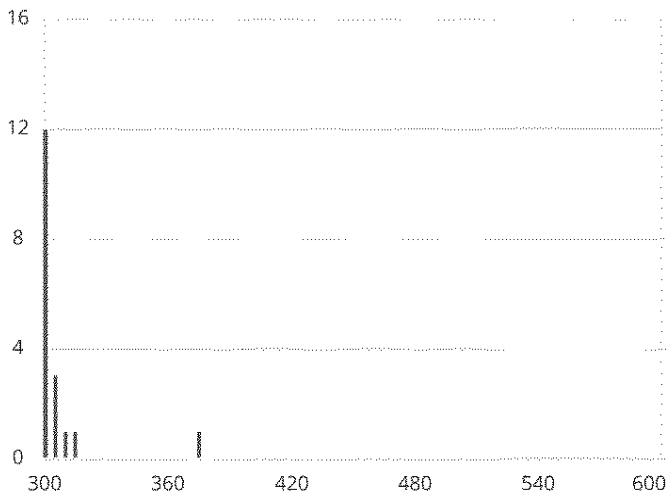


QTc

ms



QTc Histogram



QTc variability

Range	QT(350-450)	QTc(350-450)
< 300 ms	5.56%	0%
< 350 ms	0%	94.44%
< 400 ms	0%	5.56%
< 450 ms	94.44%	0%
< 500 ms	0%	0%
< 550 ms	0%	0%
≥ 550 ms	0%	0%
Max.	449	379



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Time	Heart rate			QT			QTc			T			
	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Beats
00:06:57 (1)	180	30	41	988	216	391	698	175	319	0.49	-0.10	-0.05	2449
01:00:00 (1)	0	0	0	0	0	0	0	0	0	0.03	0.03	0.03	318



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HOUR DISCLOSURE

