

Patient:



Patient Summary

Date of Birth	Sex
--	Female
Patient ID	Pacemaker
--	No
Primary Indication	Medication
none	--

Clinician Summary

Analysis by	Institution
--	--

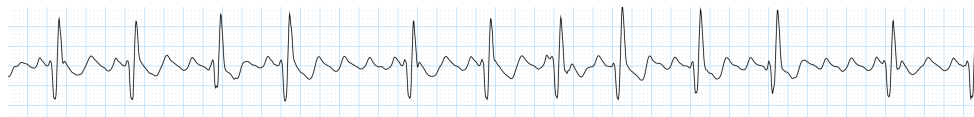
Report Summary

Recording Length	Analysis Length
3d 23h 47min	3d 21h 7min
From 13/09/2024	
To 17/09/2024	
Date of Analysis	Noise Burden
17/09/2024	2.78%

AFib / Flutter

Burden	Longest Episode	Max HR
99.60%	3d 34min on 13/09/2024 at 20:21:21	110bpm

Representative Strip HR: 70bpm Duration: 10sec



Other SVT

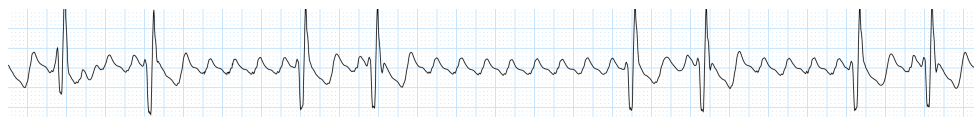
Count	Longest Episode	Max HR
--	--	--

Representative Strip: None

Pause

Count	Longest RR
4	2.6sec on 15/09/2024 at 18:23:09

Representative Strip Duration: 2.6sec



AV Block

Type
--

Representative Strip: None

Ventricular Rhythm

Count	Longest Episode	Max HR
--	--	--

Representative Strip: None

Heart Rate

Max	Min	Average
96bpm	45bpm	72bpm
16/09/2024	15/09/2024	
02:13:46	18:18:11	

Ectopics

Premature Supraventricular Complexes

PSVC Count	Isolated Count	Couplets
--	--	--

Premature Ventricular Complexes

PVC Count	Isolated Count	Morphologies
60 (0.01%)	58 (0.01%)	4
Couplets	Bigeminy	Trigeminy
1 (<0.01%)	--	--

Patient Events Paced Beats

Count	Count
--	--

Findings

Monitoring time: 3d 23h
Analyzable time: 3d 21h

Noted Atrial flutter throughout the recording.
The patient had an AF burden of 99.6 % with a max duration of 3d at Day 1 / 20:21:21
The maximum heart rate was 96 bpm; the minimum 45 bpm; the average 72 bpm.

There were 4 pauses > 2.5 sec.
The longest RR interval was 2635 ms; at Day 3 / 18:23:09

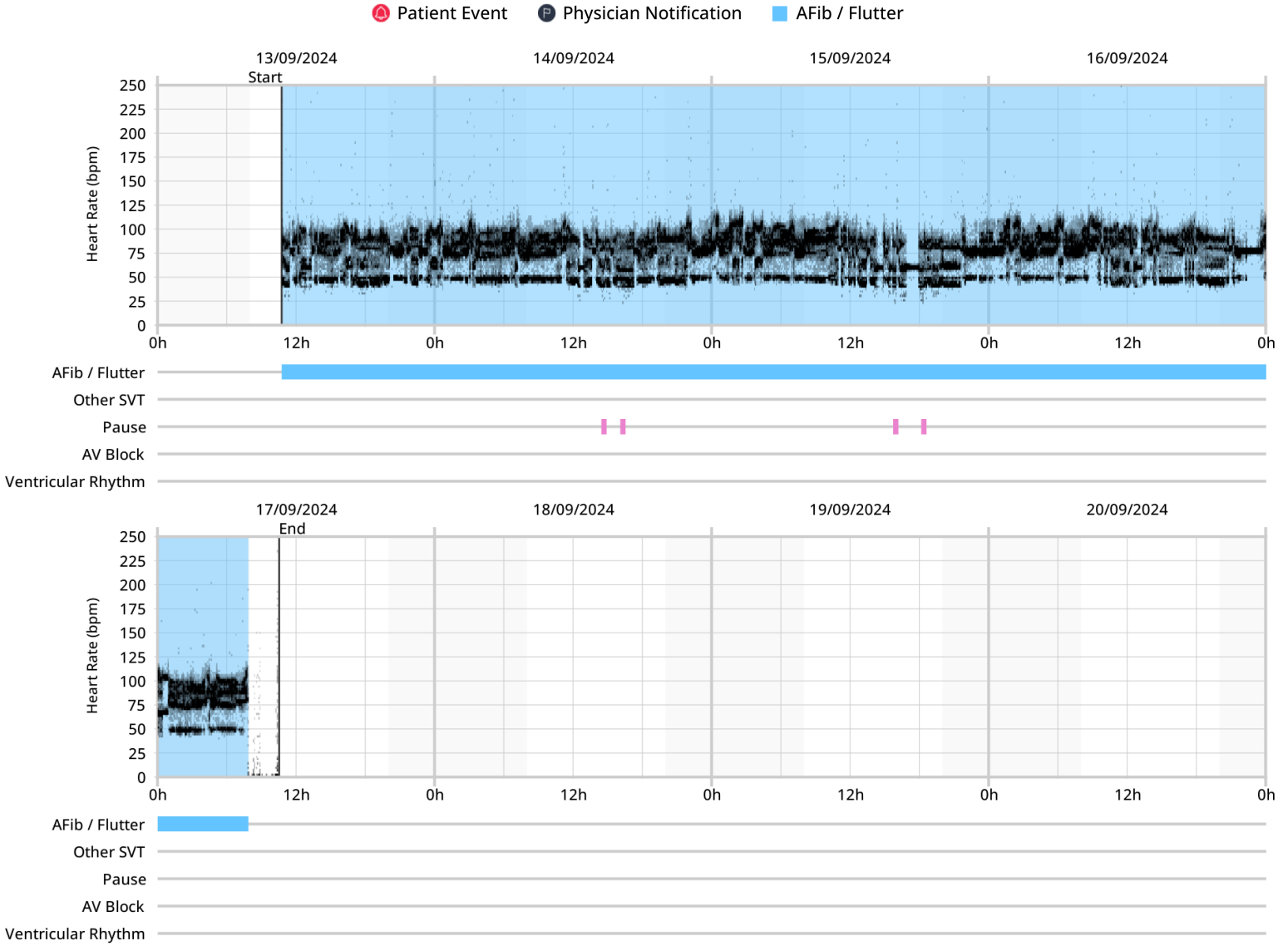
There were 60 PVCs with 4 morphologies.

Signature



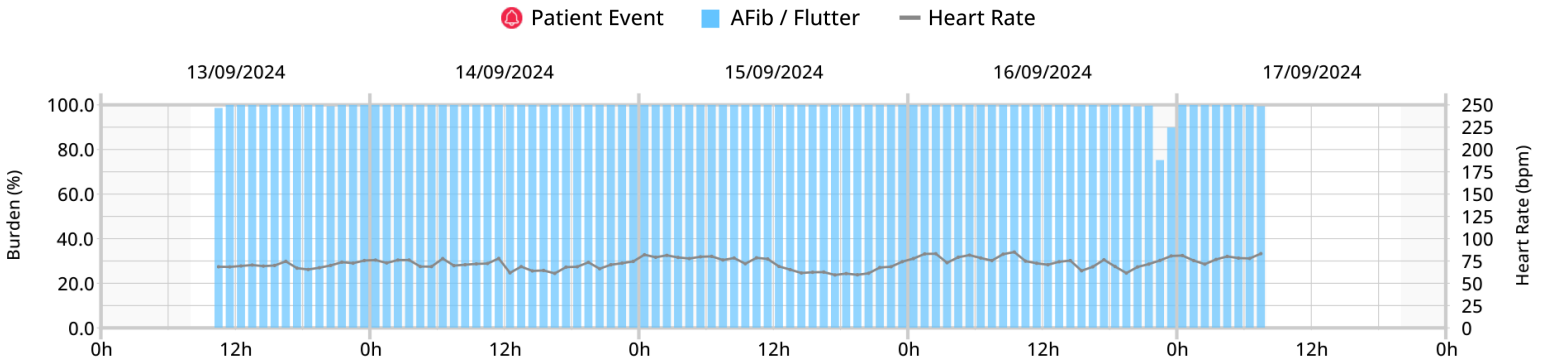
Heart Rate Trend

Min HR	Max HR	Avg HR	Bradycardia Episode Count	Tachycardia Episode Count
45bpm	96bpm	72bpm	4 (0.02%)	11 (0.08%)



Atrial Fibrillation / Flutter Hourly Burden

Burden	Longest Episode	Max HR	Avg HR	Min HR
99.60%	3d 34min	110bpm	72bpm	45bpm

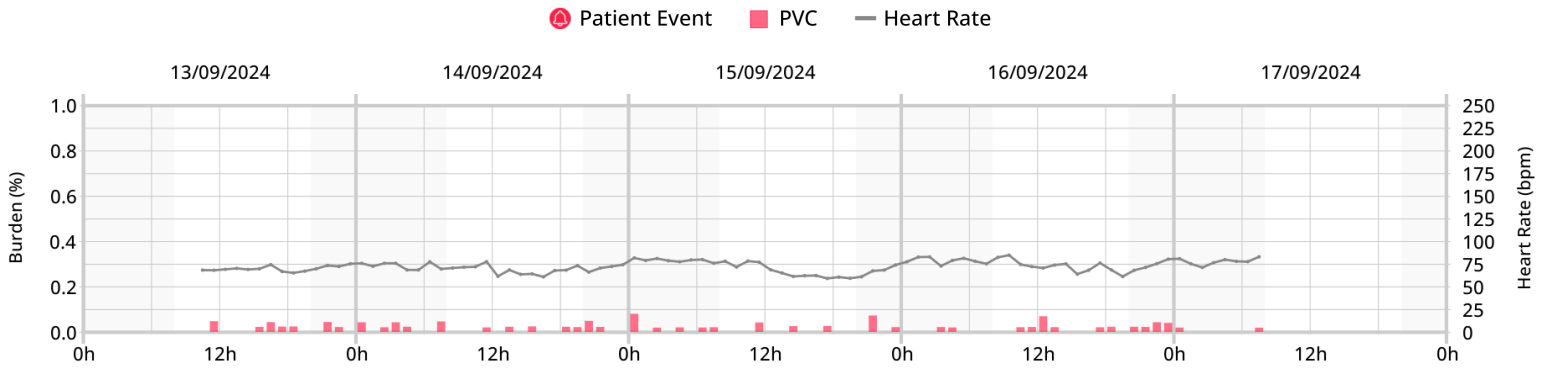


PSVC Hourly Burden

No PSVCs found in the study

PVC Hourly Burden

Count	Isolated Count	No. of Morphologies	Couplets	Bigeminy	Trigeminy
60 (0.01%)	58 (0.01%)	4	1 (<0.01%)	--	--



HR and Ectopic Beats Table

Time Ending	Min HR (bpm)	Avg HR (bpm)	Max HR (bpm)	PSVC Count	PSVC Burden (%)	PVC Count	PVC Burden (%)
13/09/2024 16:00:00	59	69	96	--	--	3	0.01
13/09/2024 22:00:00	49	70	96	--	--	6	0.02
14/09/2024 04:00:00	53	75	95	--	--	6	0.02
14/09/2024 10:00:00	59	71	95	--	--	3	0.01
14/09/2024 16:00:00	59	68	95	--	--	3	0.01
14/09/2024 22:00:00	47	68	95	--	--	5	0.02
15/09/2024 04:00:00	54	78	80	--	--	5	0.02
15/09/2024 10:00:00	54	77	94	--	--	3	0.01
15/09/2024 16:00:00	58	69	96	--	--	3	0.01
15/09/2024 22:00:00	45	62	94	--	--	4	0.02
16/09/2024 04:00:00	56	77	96	--	--	2	<0.01
16/09/2024 10:00:00	55	80	95	--	--	1	<0.01
16/09/2024 16:00:00	59	72	94	--	--	6	0.02
16/09/2024 22:00:00	56	69	96	--	--	4	0.02
17/09/2024 04:00:00	48	77	95	--	--	5	0.02
17/09/2024 10:00:00	56	80	94	--	--	1	<0.01
17/09/2024 10:32:23	--	--	--	--	--	--	--

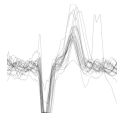
Ventricular Morphology Analysis

Morphology 1

Beat Count

25 (41.67% of PVCs)

ECG

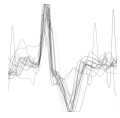


Morphology 2

Beat Count

17 (28.33% of PVCs)

ECG

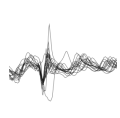


Morphology 3

Beat Count

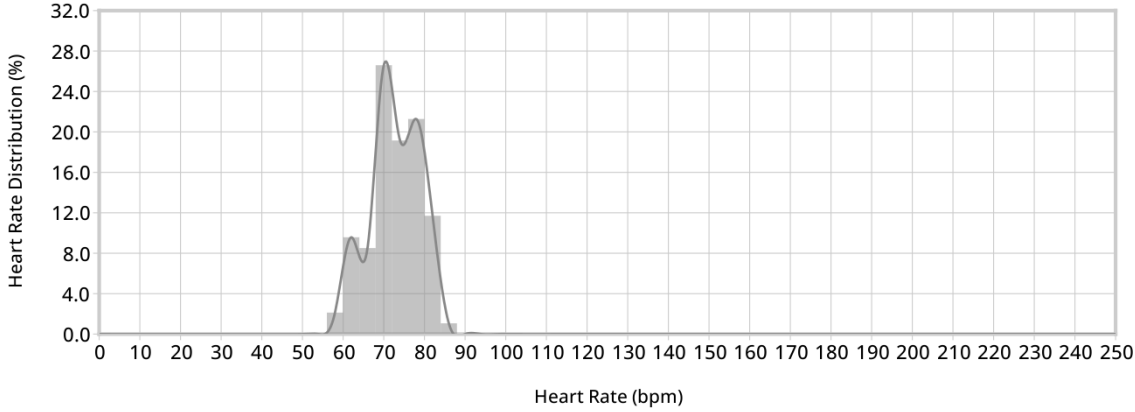
16 (26.67% of PVCs)

ECG



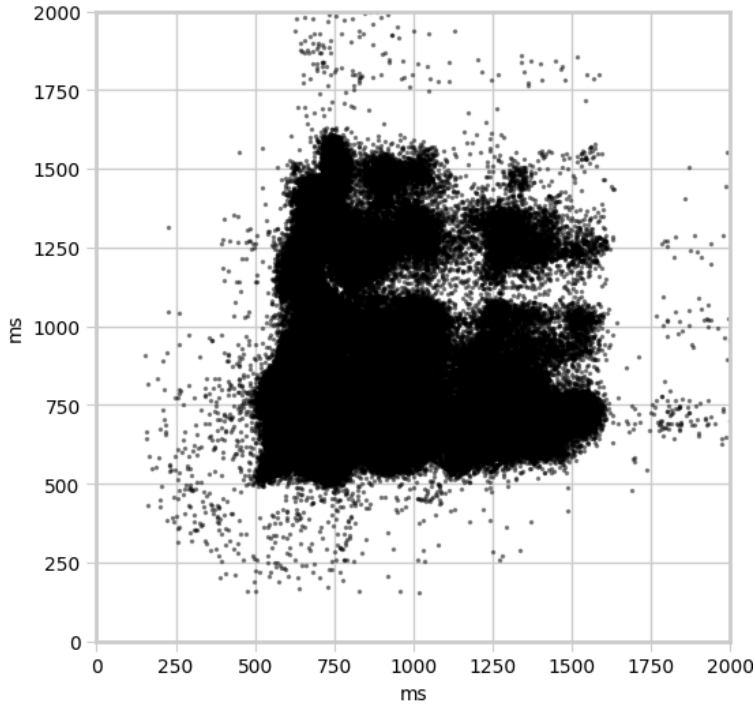
Morphology #	Beat Count	% of PVCs
Morphology 1	25	41.67%
Morphology 2	17	28.33%
Morphology 3	16	26.67%
Morphology 4	2	3.33%

Heart Rate Variability

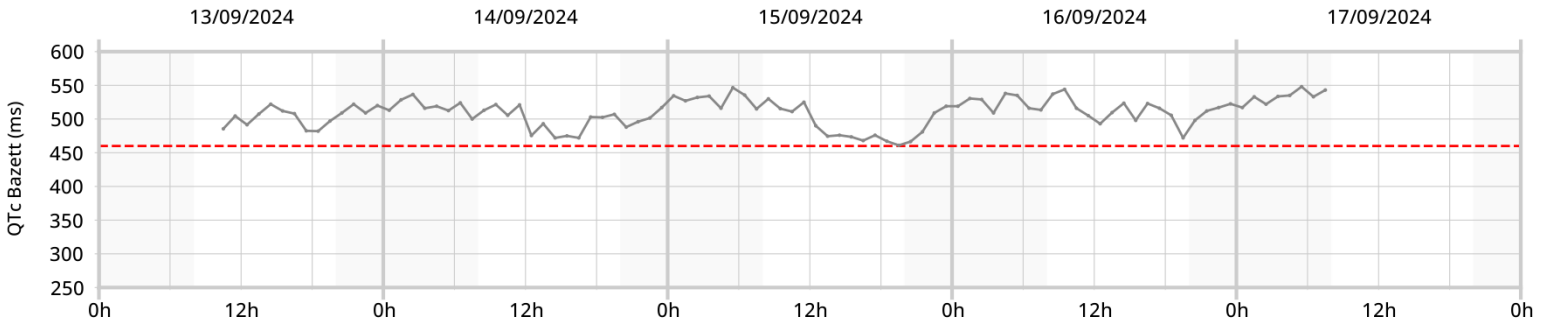


Mean	--
SDNN	--
SDANN	--
ASDNN	--
NN50	--
pNN50	--
RMSSD	--
VLF	--
LF	--
HF	--

Lorenz Plot



QT Analysis



QT min	425ms	QTcB min	447ms
QT avg	460ms	QTcB avg	513ms
QT max	486ms	QTcB max	559ms
		QTcB > 460ms	87.73%

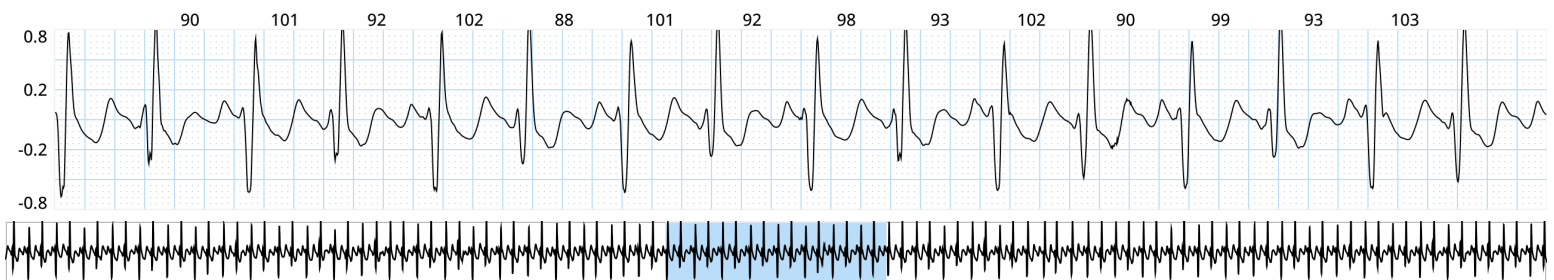
Strip Index

ID	Date & Time	Category	HR	Physician Notification	Association	Comments	Page
1	16/09/2024 02:13:46	Max HR	96bpm	--	--		page 6
2	16/09/2024 09:17:47	Max HR	94bpm	--	--		page 7
3	16/09/2024 09:29:02	Max HR	95bpm	--	--		page 7
4	16/09/2024 23:47:44	Max HR	95bpm	--	--		page 7
5	15/09/2024 14:50:28	Min HR	58bpm	--	--		page 7
6	15/09/2024 18:18:11	Min HR	45bpm	--	--		page 7
7	16/09/2024 21:11:01	Min HR	56bpm	--	--		page 8
8	17/09/2024 01:56:01	Min HR	48bpm	--	--		page 8
9	14/09/2024 14:40:31	Pause	--	--	--		page 8
10	14/09/2024 16:19:00	Pause	--	--	--		page 8
11	15/09/2024 15:57:06	Pause	--	--	--		page 8
12	15/09/2024 18:23:05	Pause	--	--	--	Longest RR interval: 2.635 sec.	page 9
13	13/09/2024 15:17:15	AFib / Flutter	71bpm	--	--		page 9
14	14/09/2024 02:24:50	AFib / Flutter	75bpm	--	--		page 9
15	14/09/2024 22:32:35	AFib / Flutter	66bpm	--	--		page 9
16	15/09/2024 13:39:38	AFib / Flutter	76bpm	--	--		page 10
17	15/09/2024 17:22:52	AFib / Flutter	59bpm	--	--		page 10
18	16/09/2024 05:26:27	AFib / Flutter	70bpm	--	--		page 10
19	16/09/2024 22:34:23	AFib / Flutter	76bpm	--	--		page 10
20	17/09/2024 00:49:01	AFib / Flutter	81bpm	--	--		page 10
21	13/09/2024 21:49:43	PVC	--	--	--		page 11
22	13/09/2024 21:56:32	PVC	--	--	--		page 11
23	14/09/2024 07:09:13	PVC	--	--	--		page 11
24	16/09/2024 22:45:28	PVC	--	--	--		page 11
25	14/09/2024 03:33:29	Ventricular Couplet	--	--	--		page 11

Max HR

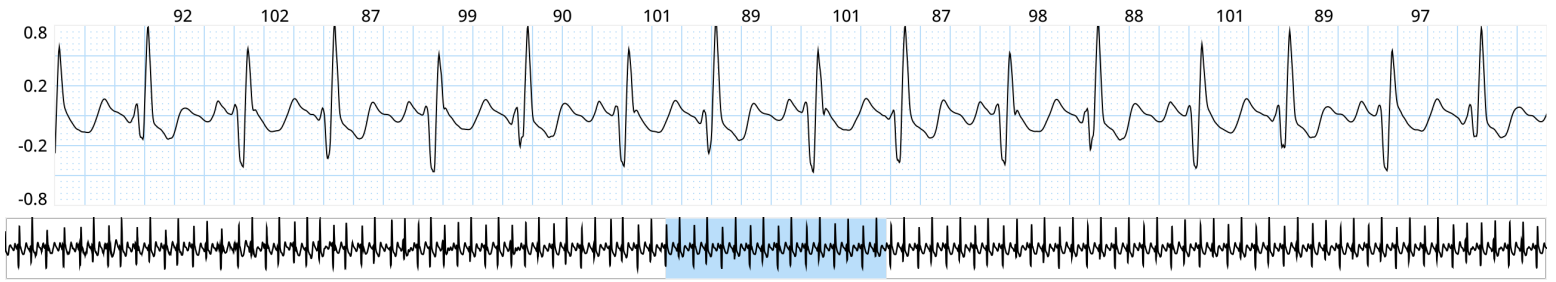
1. 16/09/2024 02:13:46

HR: 96bpm



2. 16/09/2024 09:17:47

HR: 94bpm



3. 16/09/2024 09:29:02

HR: 95bpm



4. 16/09/2024 23:47:44

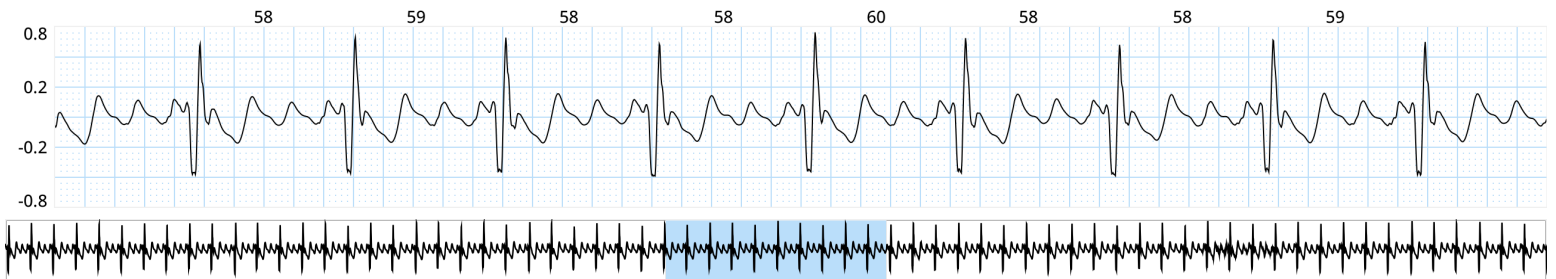
HR: 95bpm



Min HR

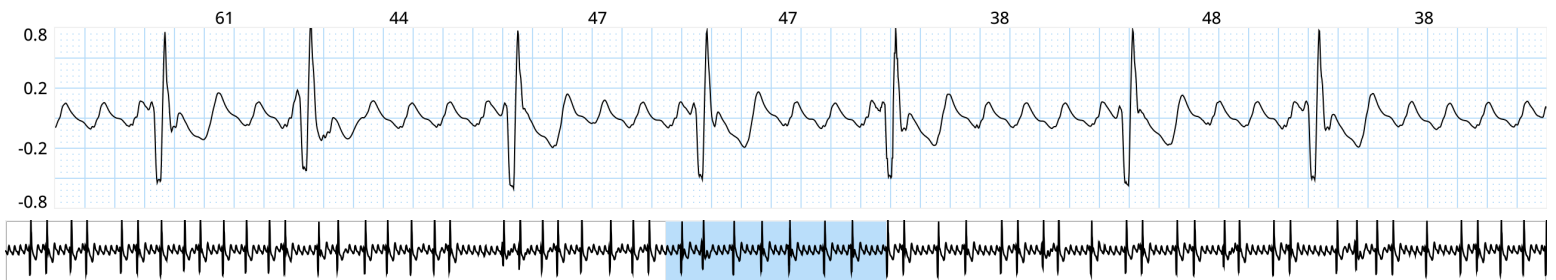
5. 15/09/2024 14:50:28

HR: 58bpm



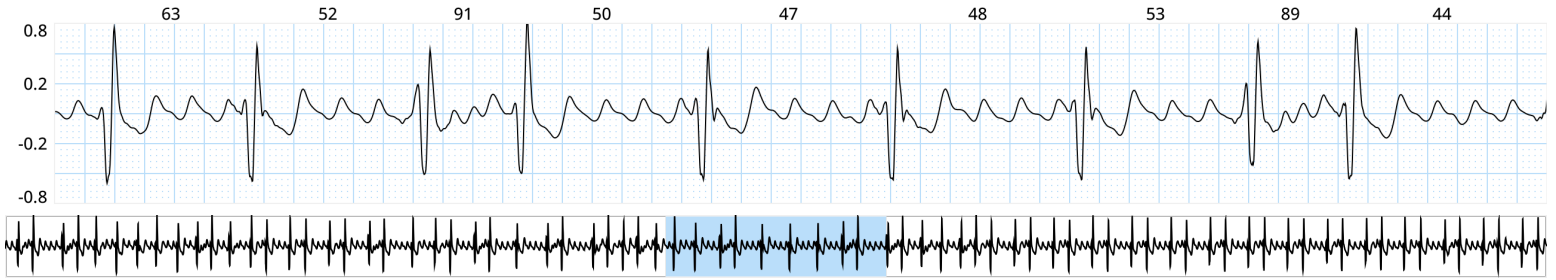
6. 15/09/2024 18:18:11

HR: 45bpm



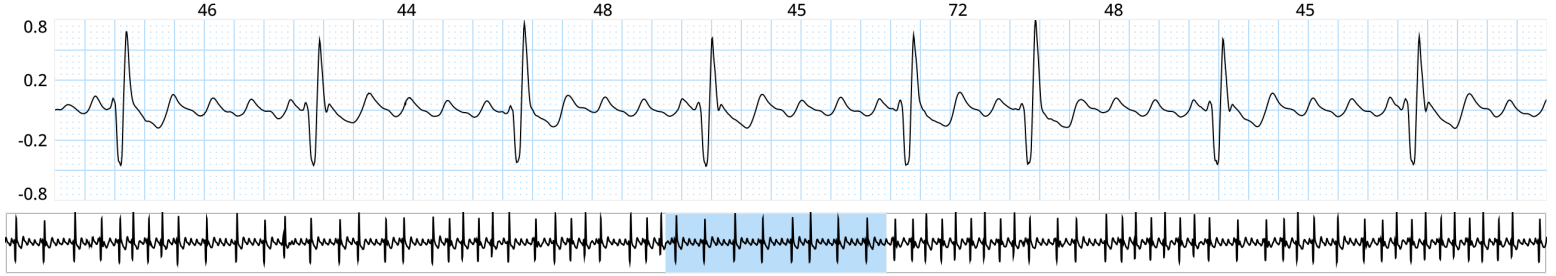
7. 16/09/2024 21:11:01

HR: 56bpm



8. 17/09/2024 01:56:01

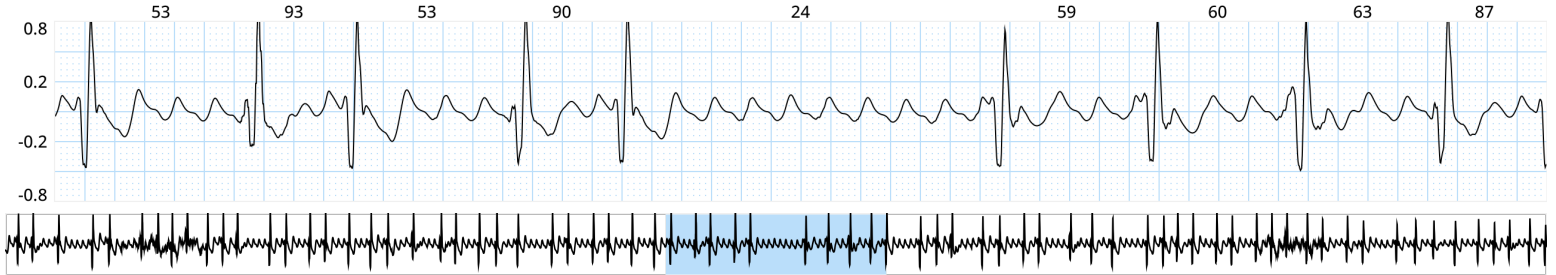
HR: 48bpm



Pause

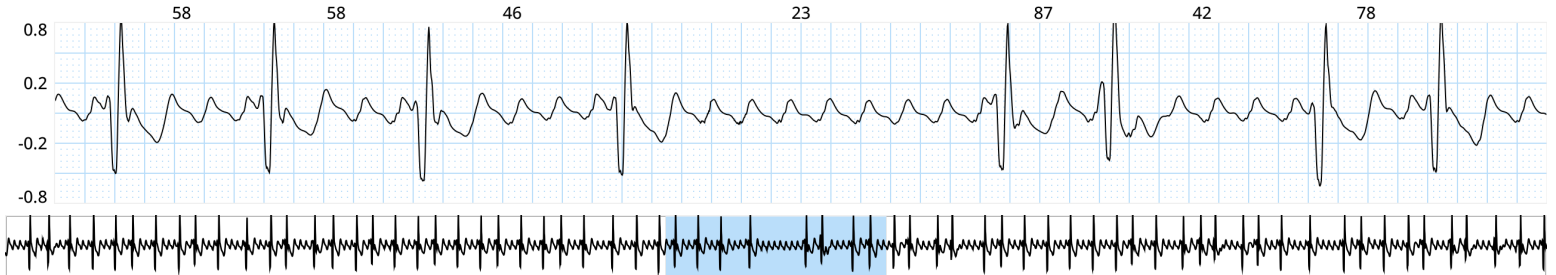
9. 14/09/2024 14:40:31

Duration: 2.5sec



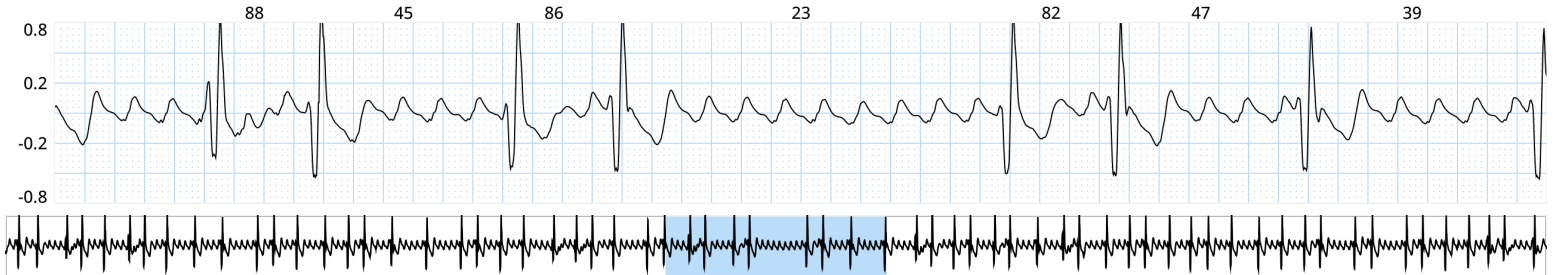
10. 14/09/2024 16:19:00

Duration: 2.6sec



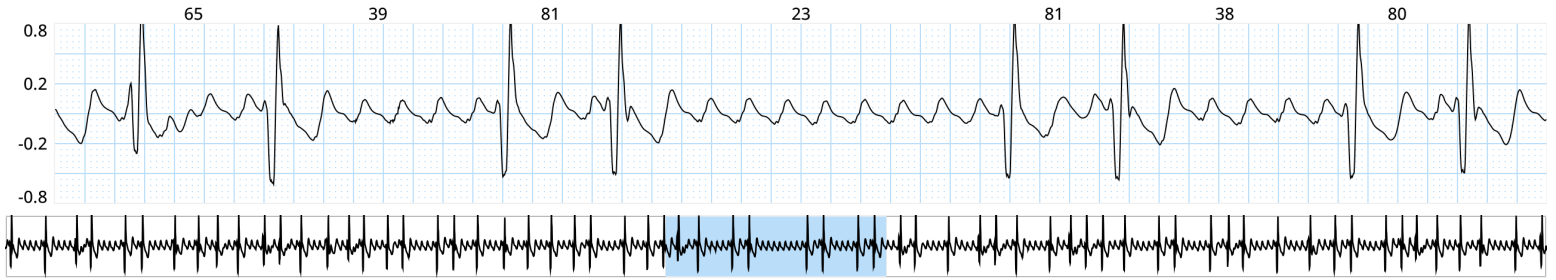
11. 15/09/2024 15:57:06

Duration: 2.6sec



12. 15/09/2024 18:23:05

Duration: 2.6sec



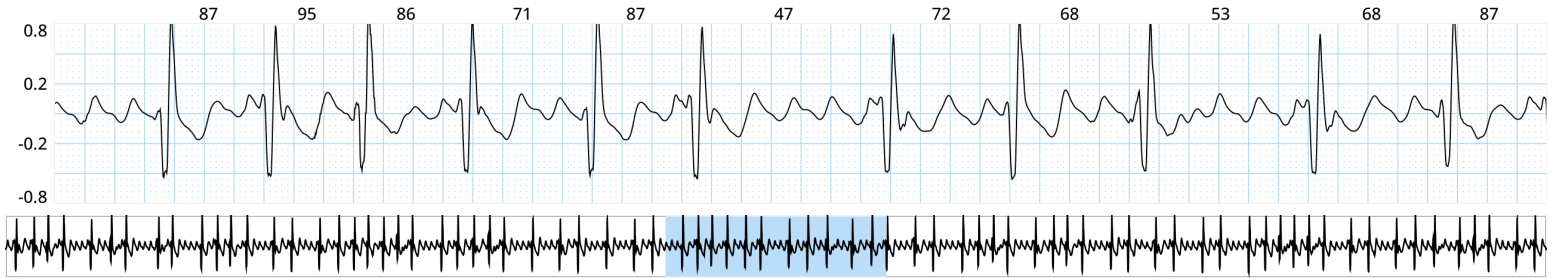
Comment: Longest RR interval: 2.635 sec.

AFib / Flutter

13. 13/09/2024 15:17:15

HR: 71bpm

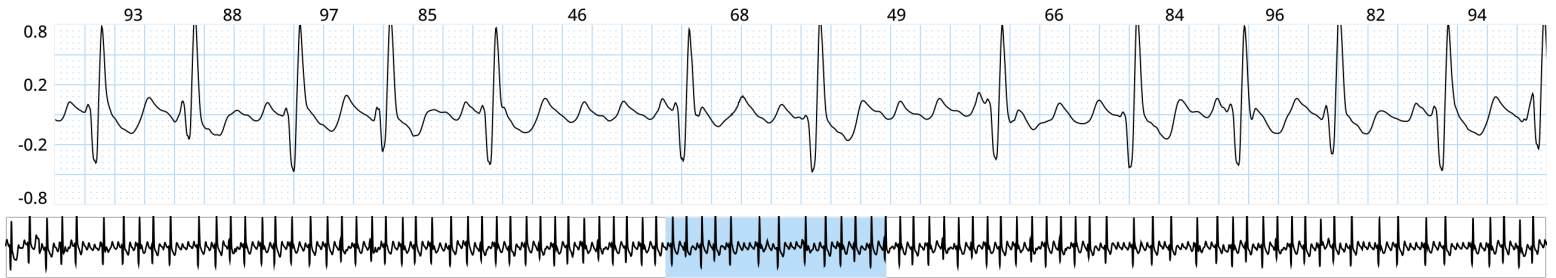
Duration: 10sec



14. 14/09/2024 02:24:50

HR: 75bpm

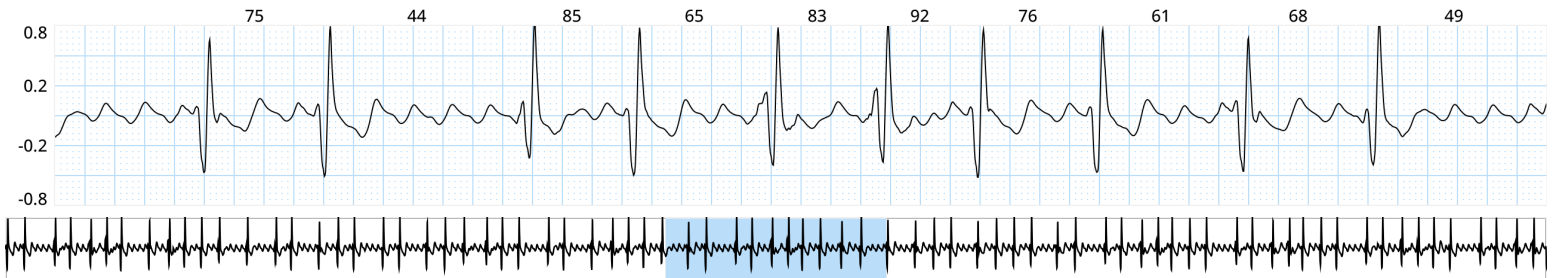
Duration: 10sec



15. 14/09/2024 22:32:35

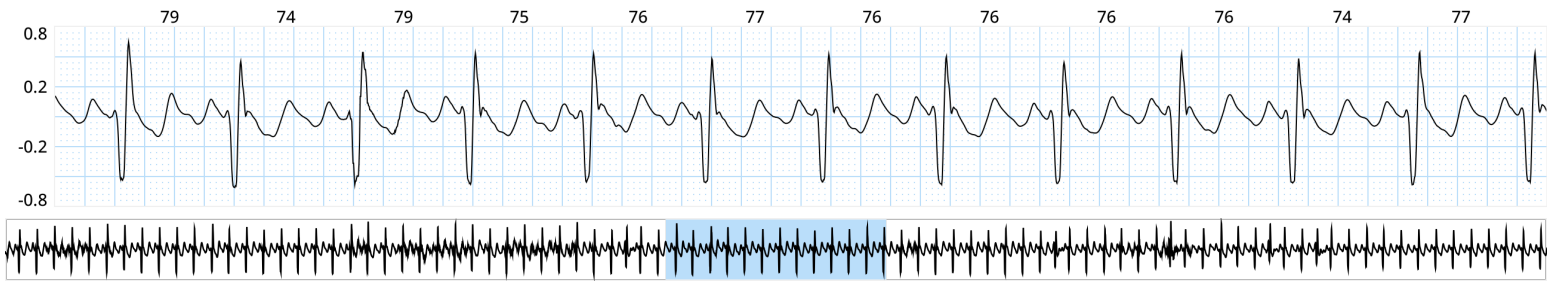
HR: 66bpm

Duration: 10sec



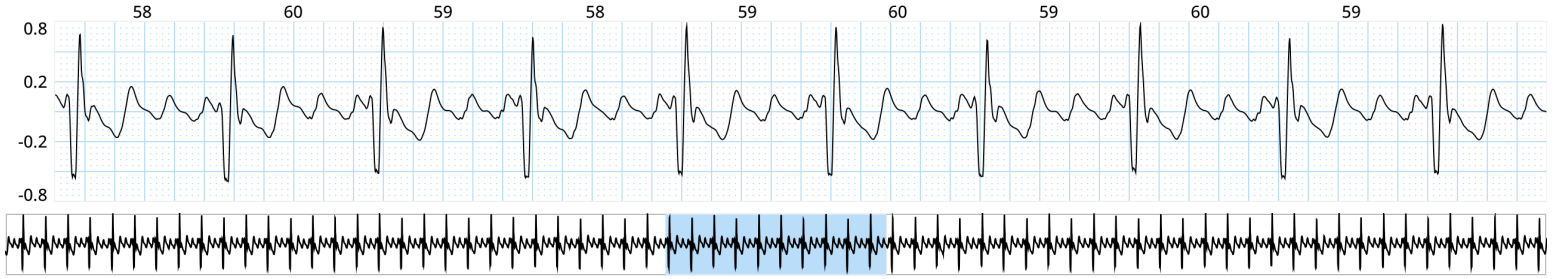
16. 15/09/2024 13:39:38

HR: 76bpm
Duration: 10sec



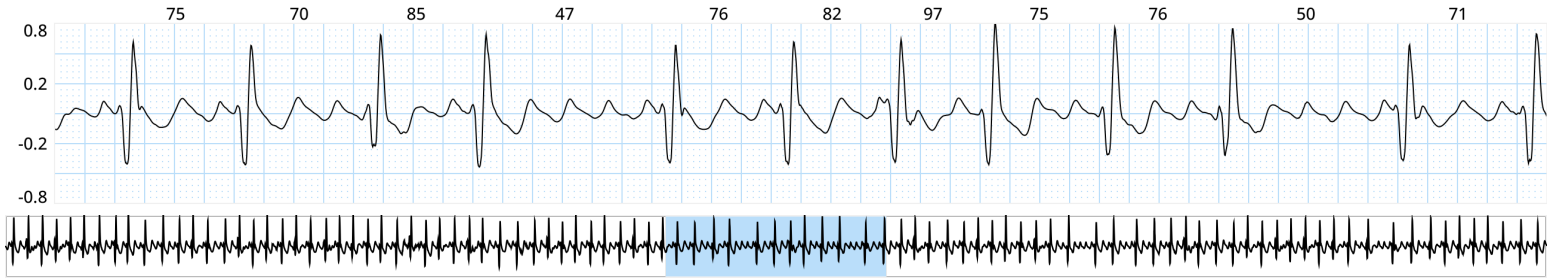
17. 15/09/2024 17:22:52

HR: 59bpm
Duration: 10sec



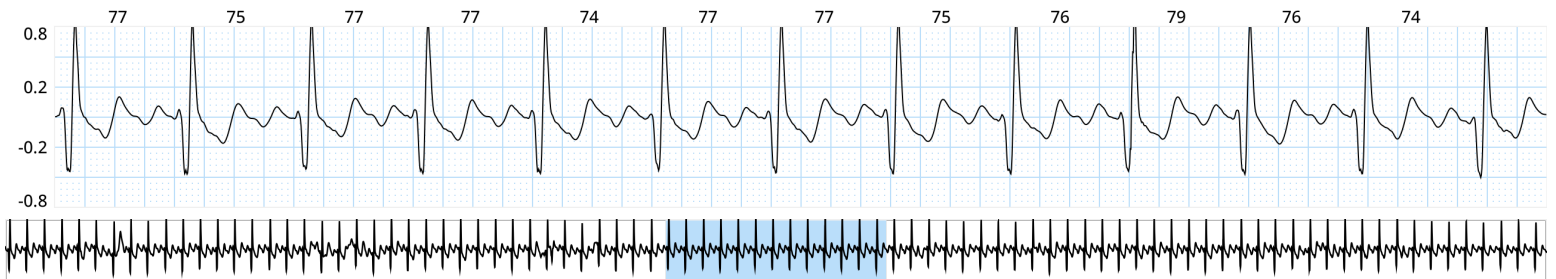
18. 16/09/2024 05:26:27

HR: 70bpm
Duration: 10sec



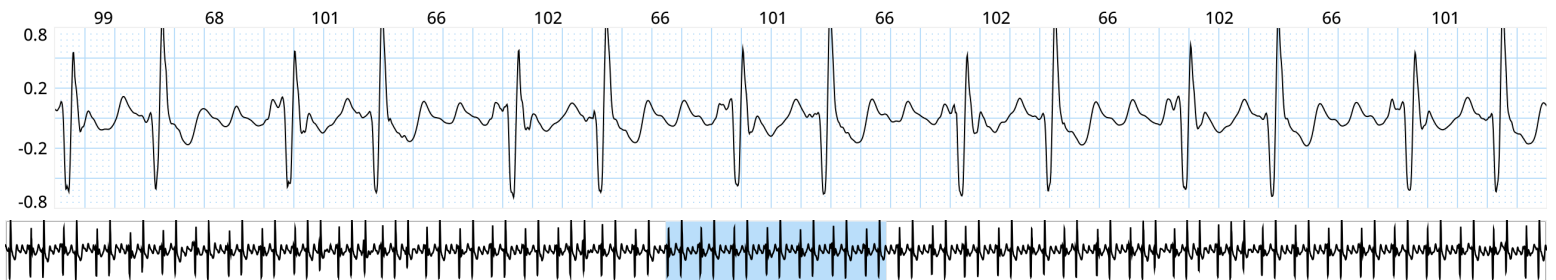
19. 16/09/2024 22:34:23

HR: 76bpm
Duration: 10sec



20. 17/09/2024 00:49:01

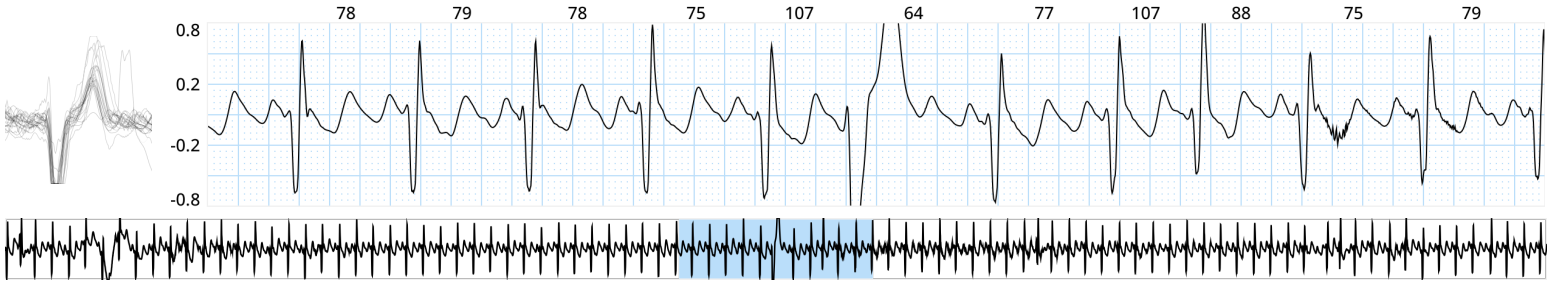
HR: 81bpm
Duration: 10sec



PVC

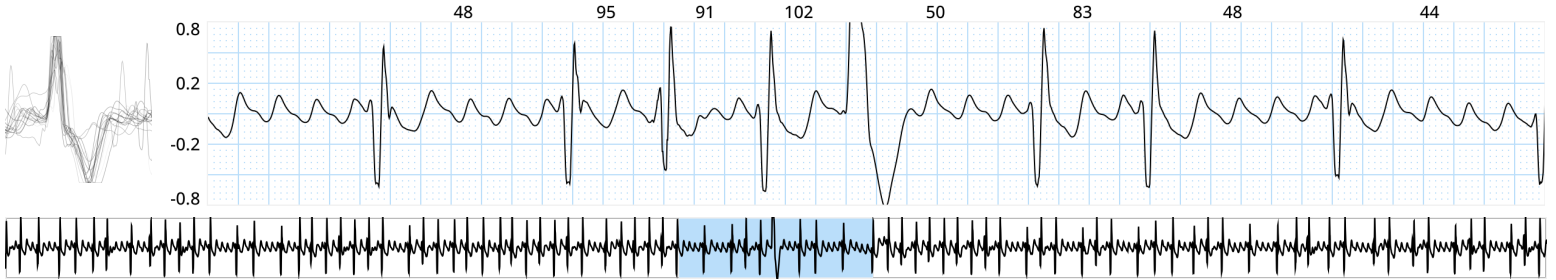
21. 13/09/2024 21:49:43

Count in Morphology: 25



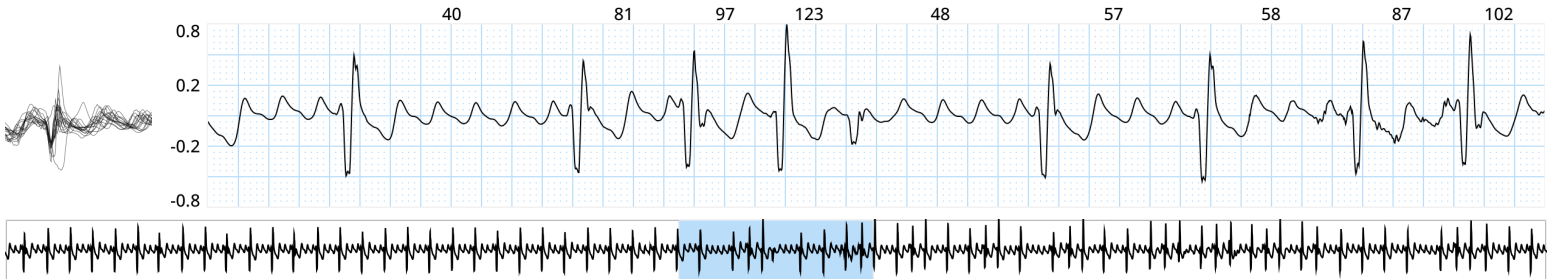
22. 13/09/2024 21:56:32

Count in Morphology: 17



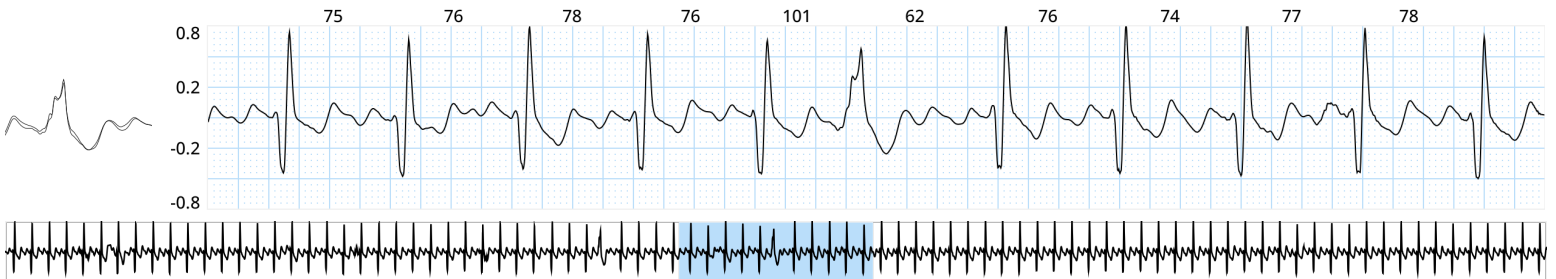
23. 14/09/2024 07:09:13

Count in Morphology: 16



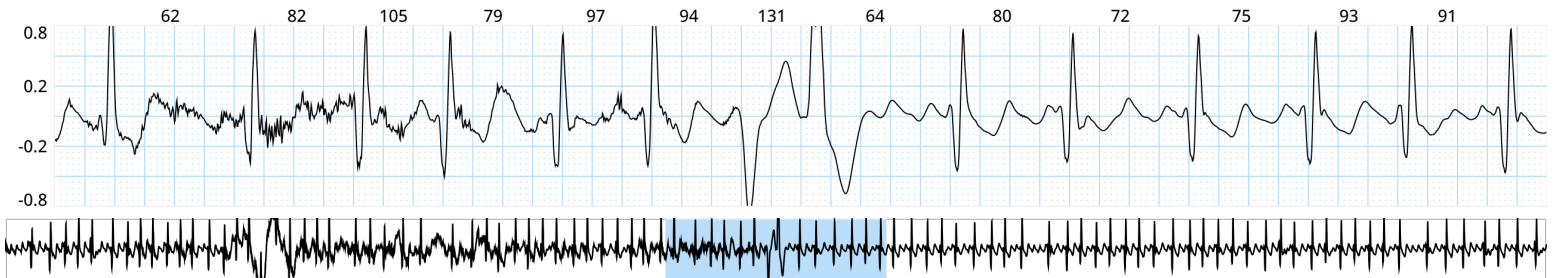
24. 16/09/2024 22:45:28

Count in Morphology: 2



Ventricular Couplet

25. 14/09/2024 03:33:29



Vertice Medtech certifies that this report has been done to the best possible standard. Noise burden/artefact due to various outside factors may influence analysis. Final diagnosis remains the responsibility of treating physician.