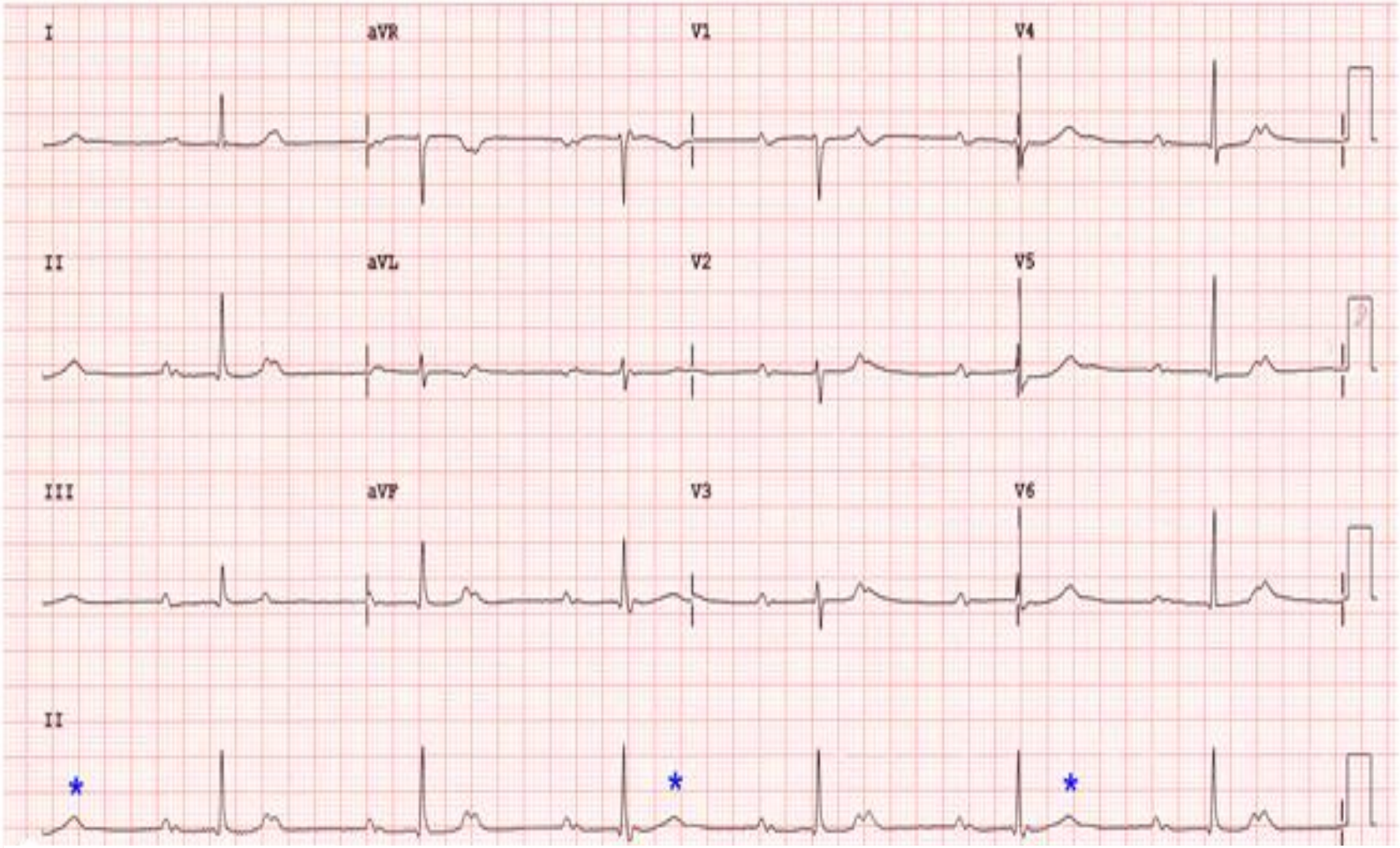
EKG cases

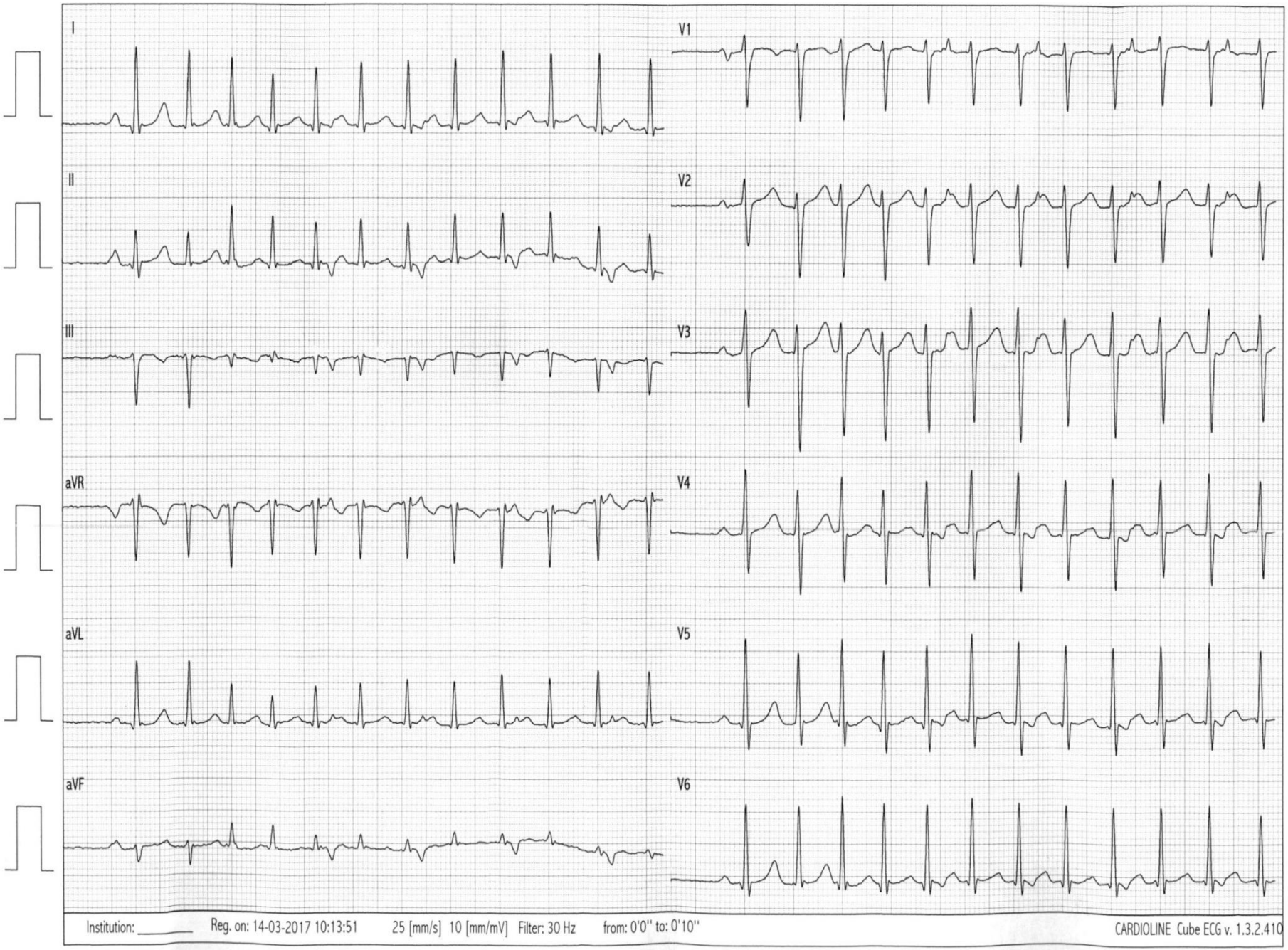
DCS' Arytmikursus

Sandbjerg, 1.-2. september 2022

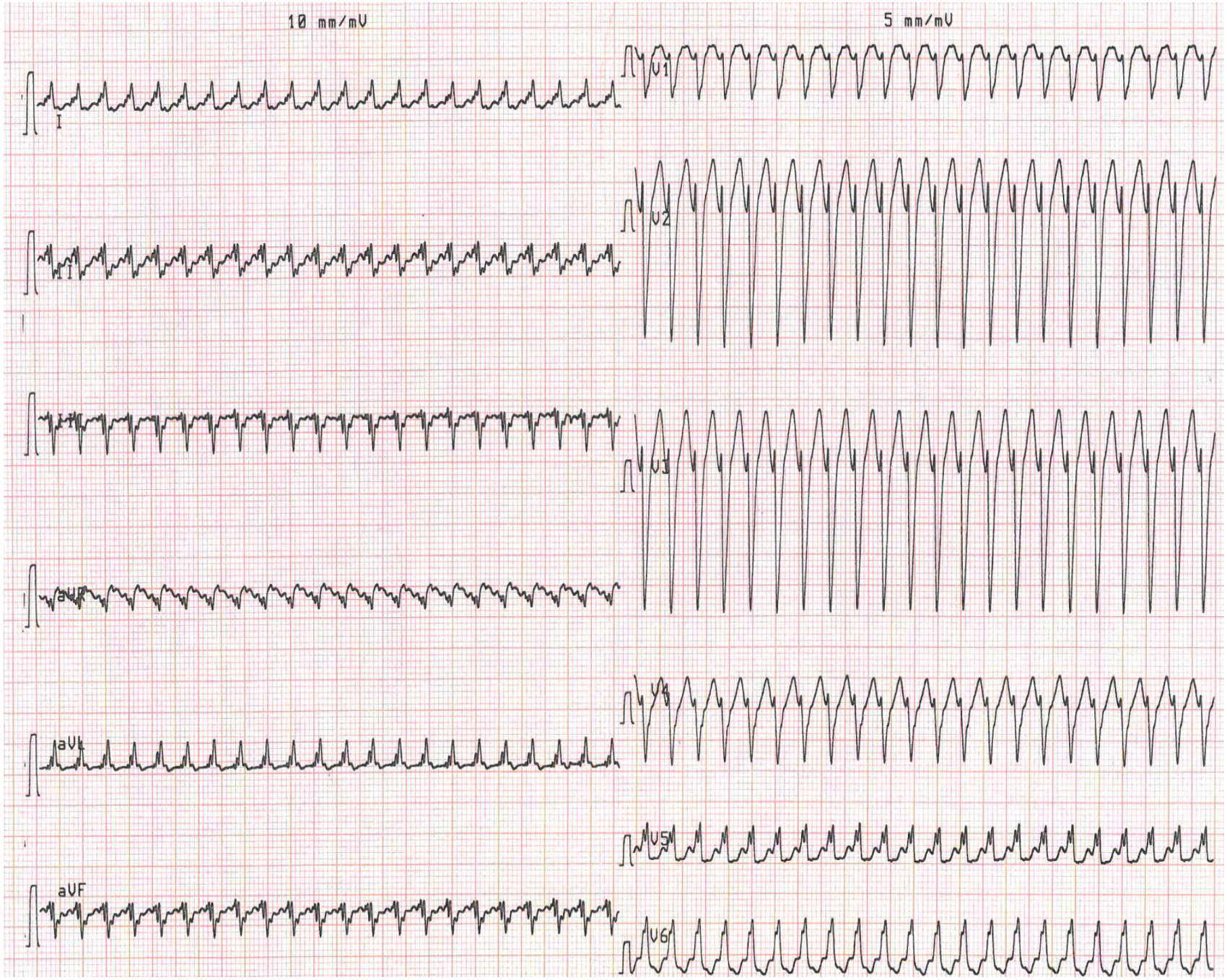
Case 1


I
aVR
V1
V4
II
aVL
V2
V5
III
aVF
V3
V6
II

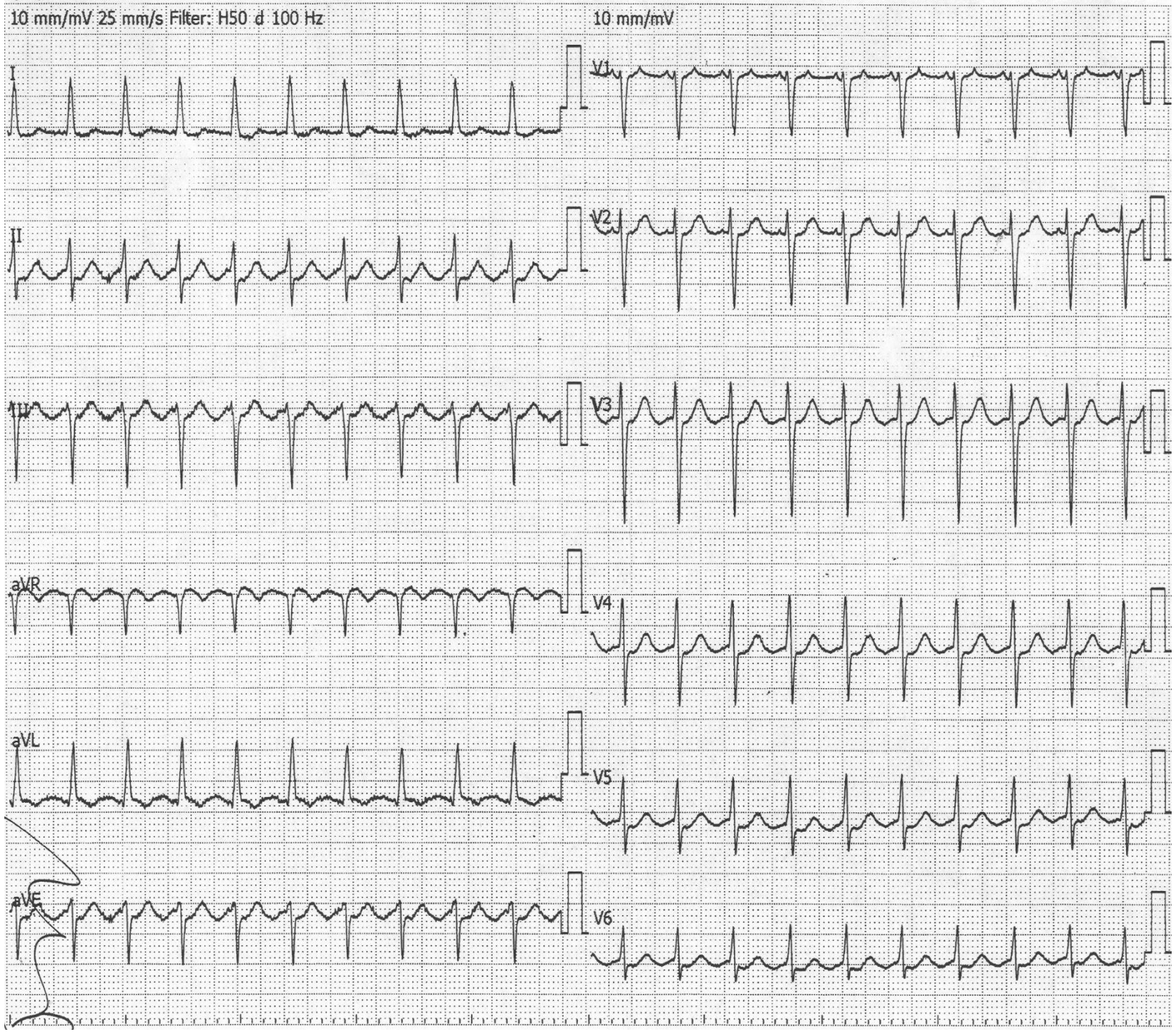
Case 2


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
Institution: _____
Reg. on: 14-03-2017 10:13:51
25 [mm/s] 10 [mm/mV] Filter: 30 Hz
from: 0'0'' to: 0'10''
CARDIOLINE Cube ECG v. 1.3.2.410

Case 3

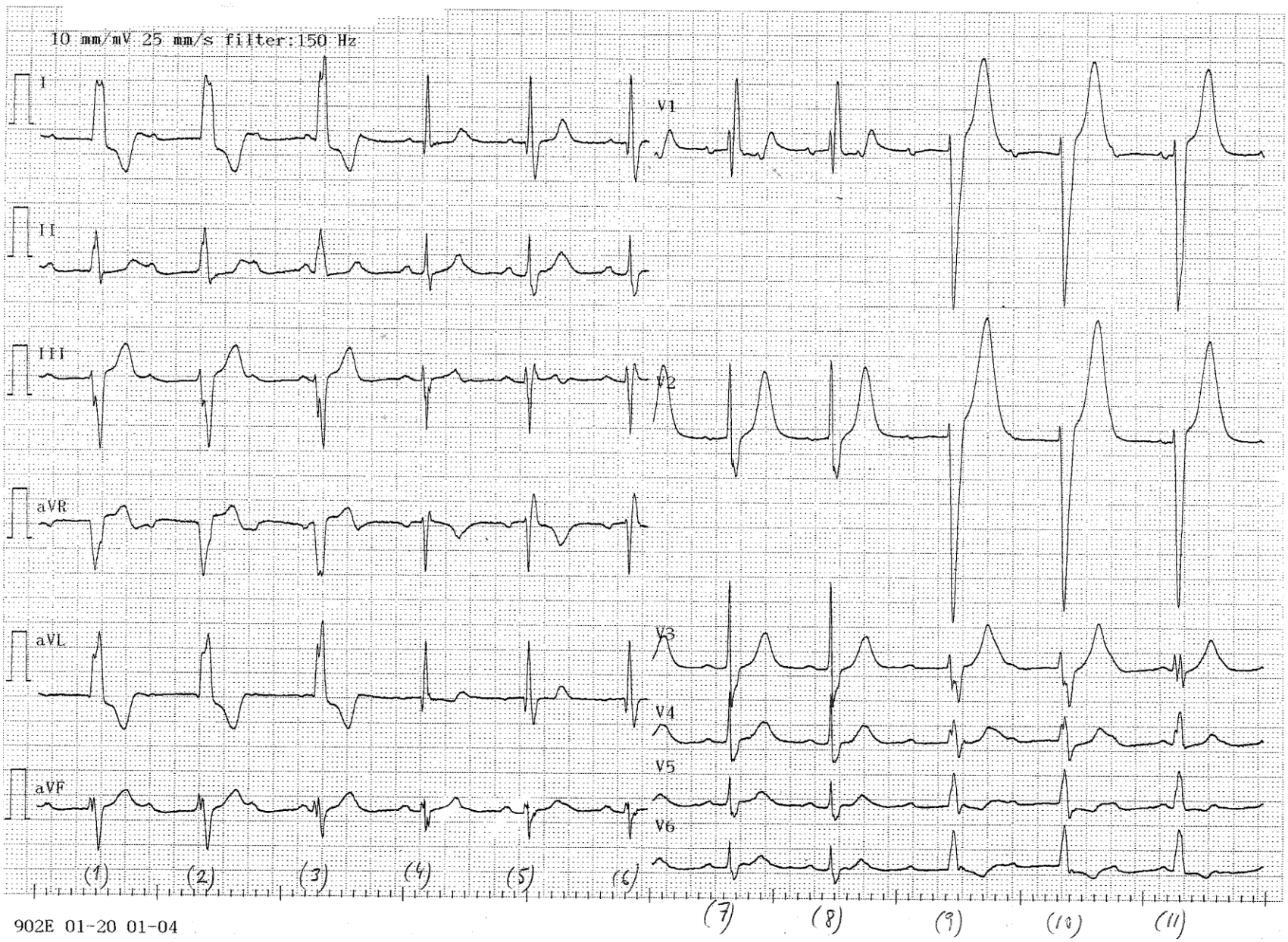

10 mm/mV
5 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

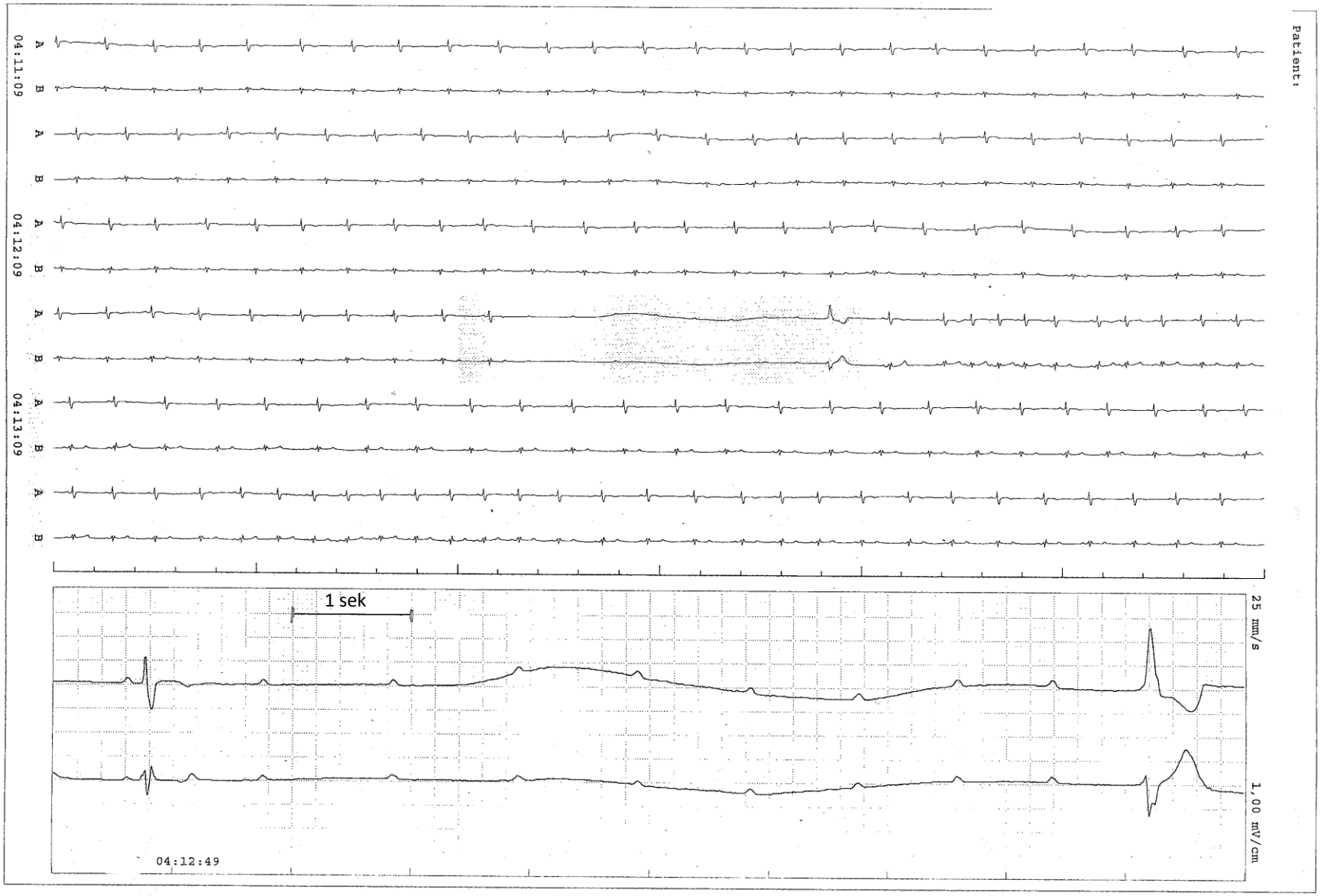
Case 4


10 mm/mV 25 mm/s Filter: H50 d 100 Hz
10 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

Case 5

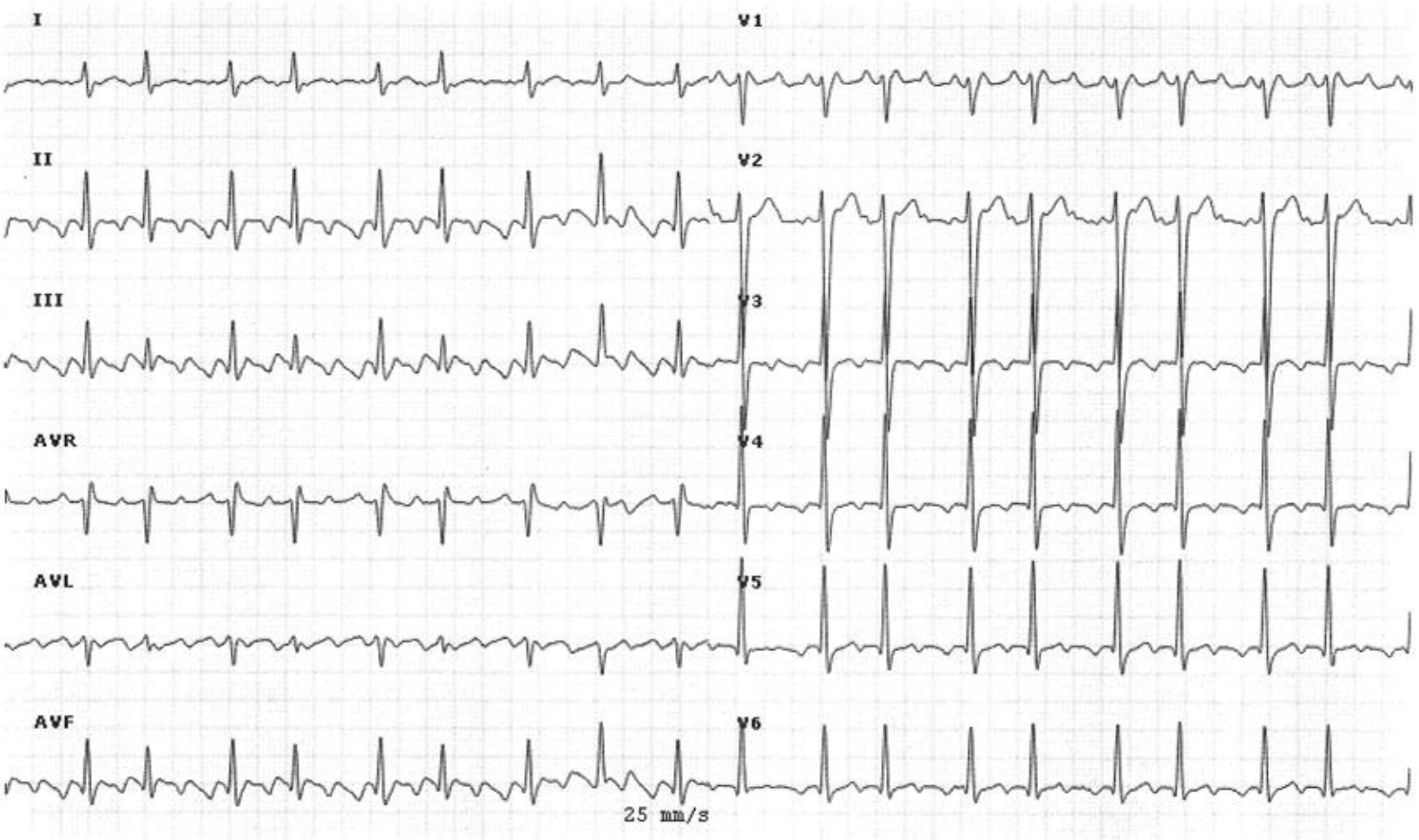
5.

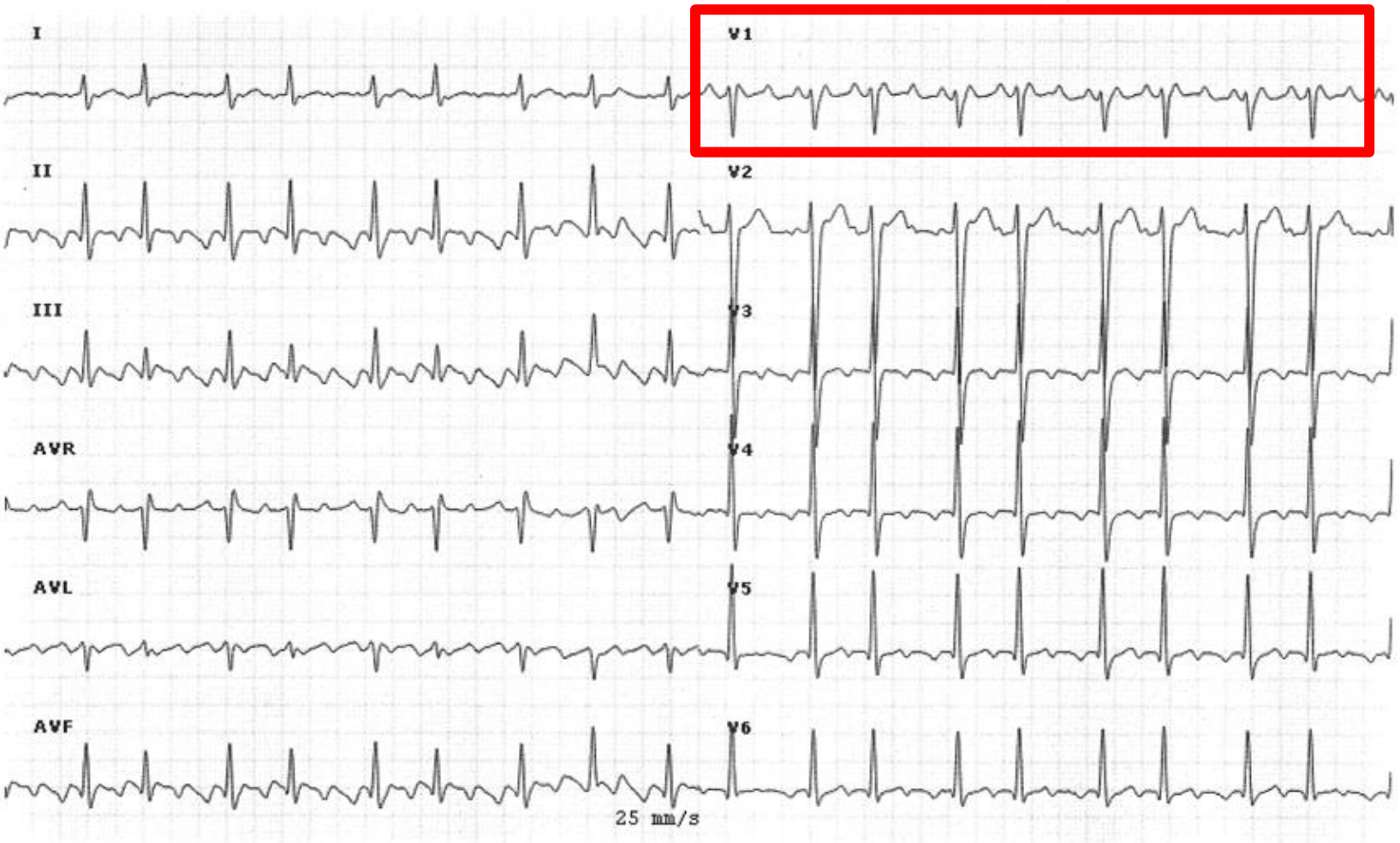

10 mm/mV 25 mm/s filter:150 Hz
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
(1)
(2)
(3)
(4)
(5)
(6)
(7)
(8)
(9)
(10)
(11)
902E 01-20 01-04


Patient:
04:11:09
04:12:09
04:13:09
A
B
1 sek
25 mm/s
1,00 mV/cm
04:12:49

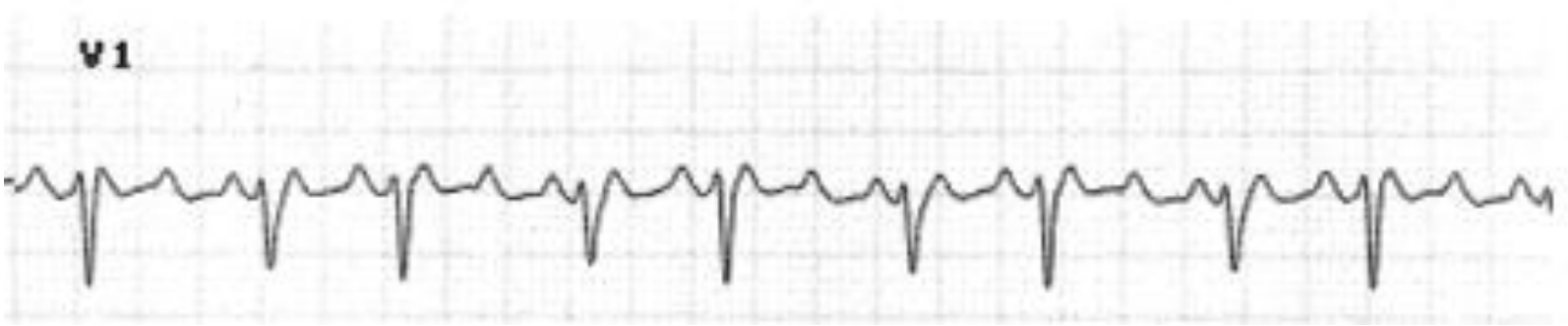
Case 6

6a.



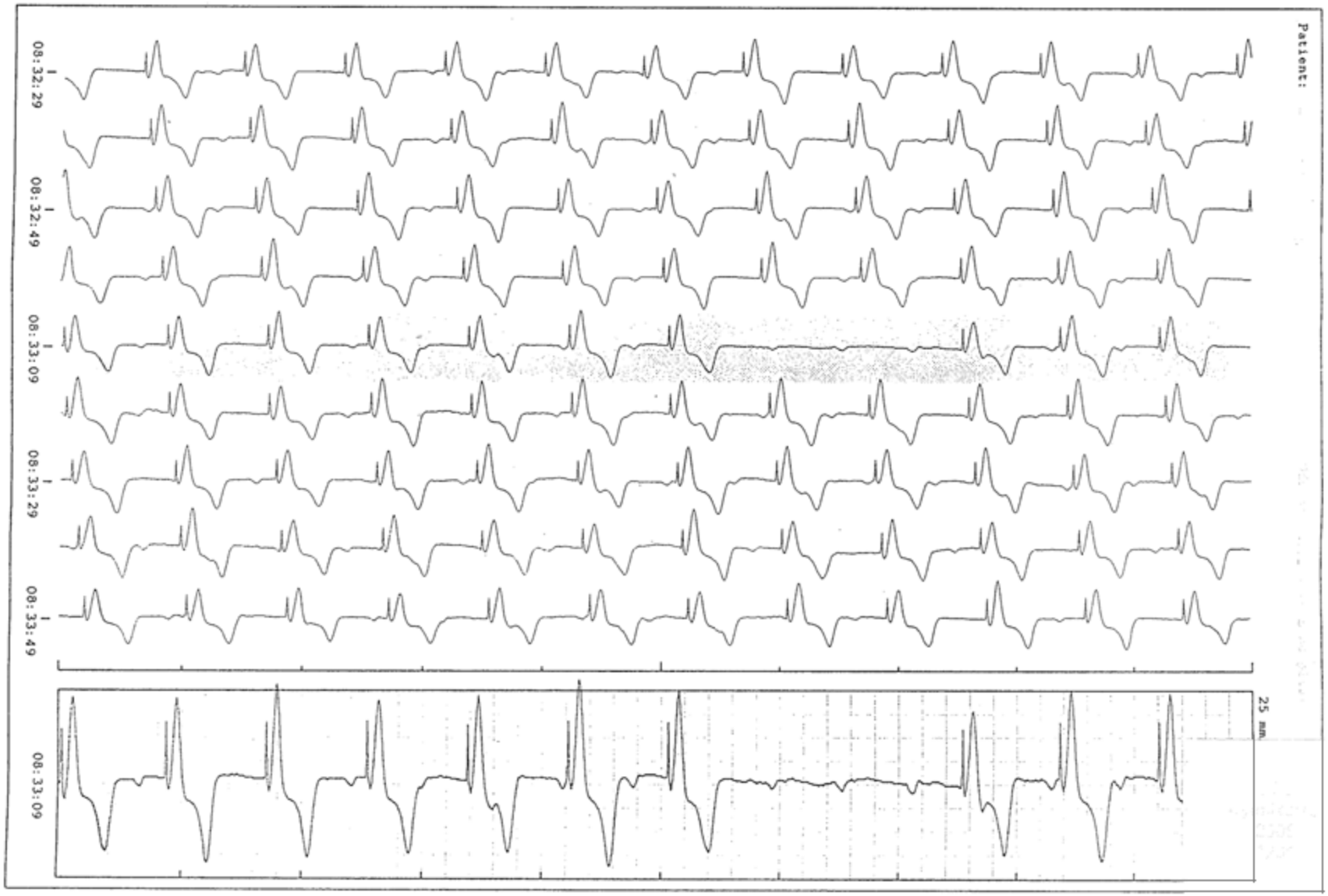

I
II
III
AVR
AVL
AVF
V1
V2
V3
V4
V5
V6
25 mm/s

6b.

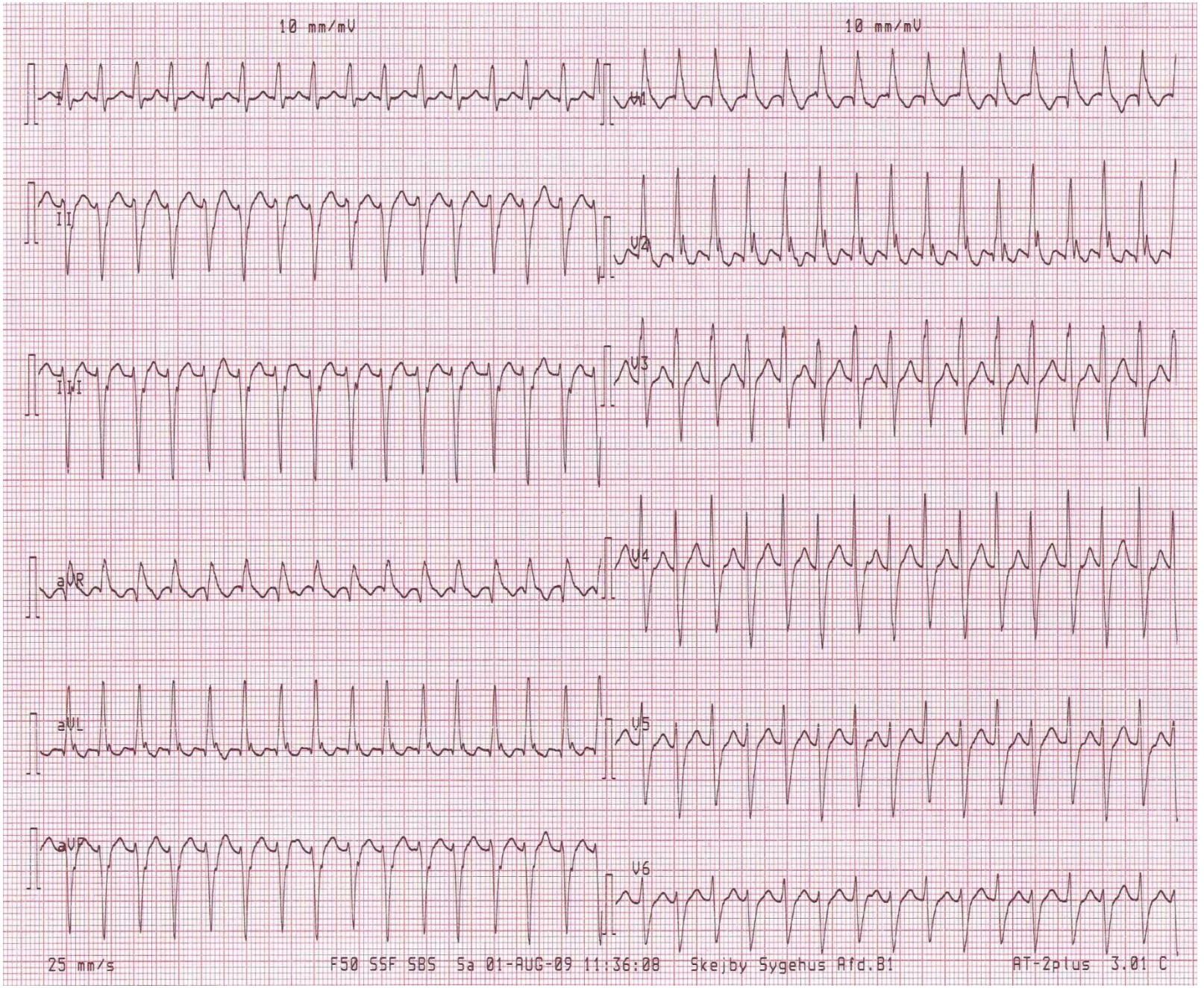


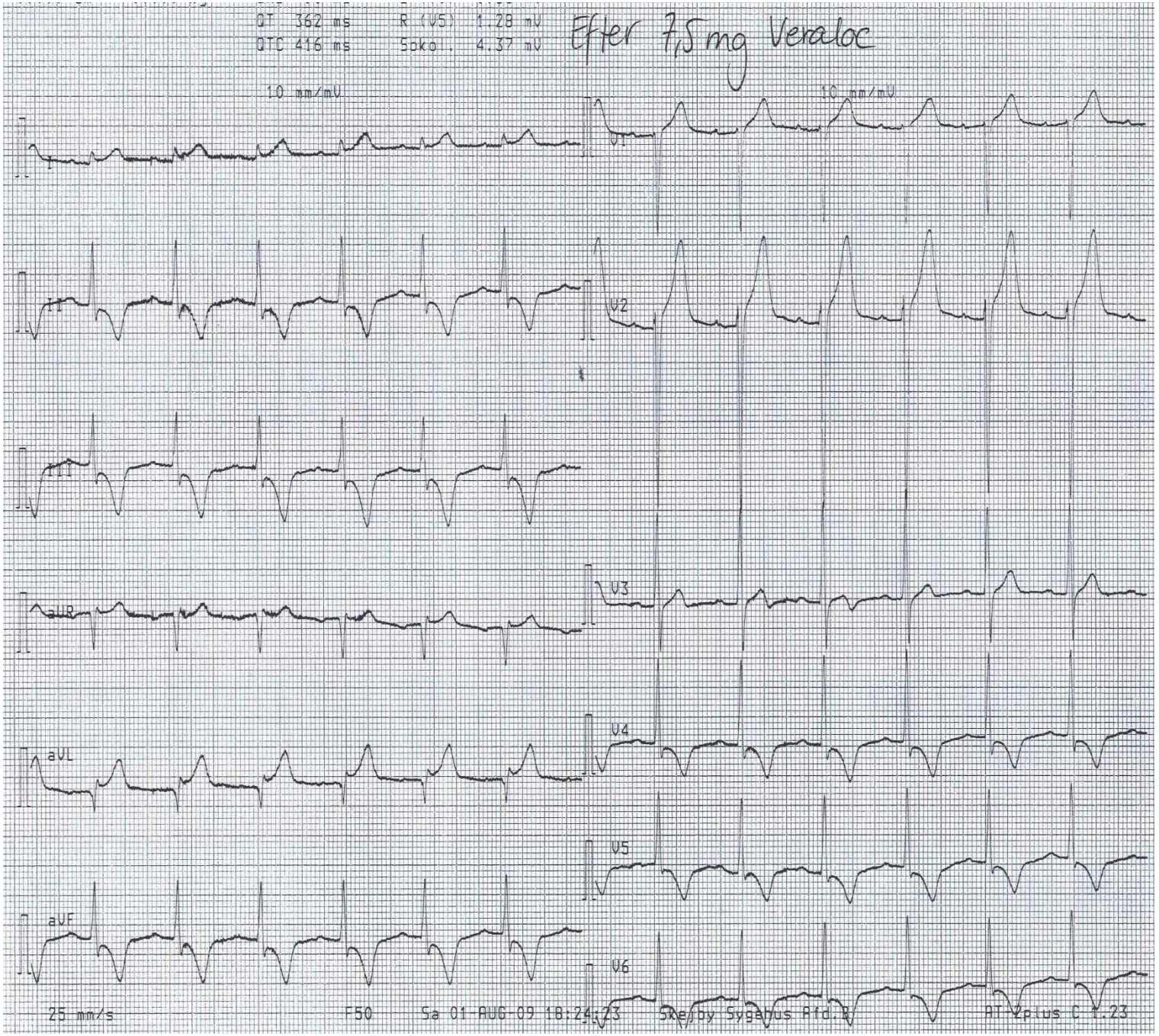
Case 7

CASE 7



Case 8


10 mm/mV
10 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s
F50 SSF SBS Sa 01-AUG-09 11:36:08 Skejby Sygehus Afd.B1
AT-2plus 3.01 C


QT 362 ms
QTC 416 ms
R (V5) 1.28 mV
Soko 4.37 mV
Efter 7,5 mg Veraloc
10 mm/mV
10 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s
F50
Sa 01-AUG-09 18:24:23
Skejby Sygehus Afd. B
AT-Vplus C 7.23

Case 9

Medtronic

Initial Interrogation Report

Pacemaker Model: Medtronic Sensia SESR01 Serial Number: NWR695974

Date of Interrogation: 08/05/15 4:46 PM

Pige, 11 år

Permanent Parameters

Modes

Mode VVI

Rates

Lower Rate	60 ppm
ADL Rate	95 ppm

Refractory/Blanking

Ventricular Refractory 330 ms

Rate Response

Optimization	On
ADL Response	3
Exertion Response	3
ADLR Percent	2.0%
Activity Threshold	Medium/Low
Activity Acceleration	30 sec
Activity Deceleration	Exercise
High Rate Percent	0.2%
ADL Rate Setpoint	54
Upper Sensor Rate Setpoint	154

Ventricular Lead

Amplitude	2.000 V
Pulse Width	0.40 ms
Sensitivity	4.00 mV
Sensing Assurance	On
Pace Polarity	Unipolar
Sense Polarity	Unipolar
Lead Monitor	Monitor Only
Maximum Impedance	4,000 ohms
Minimum Impedance	200 ohms
Monitor Sensitivity	8
Capture Management	Adaptive
Amplitude Margin	2x
Min. Adapted Amplitude	2.000 V
Capture Test Frequency	Day at Rest
Acute Phase	Off
Acute Phase Complete	09/04/11

Additional Features

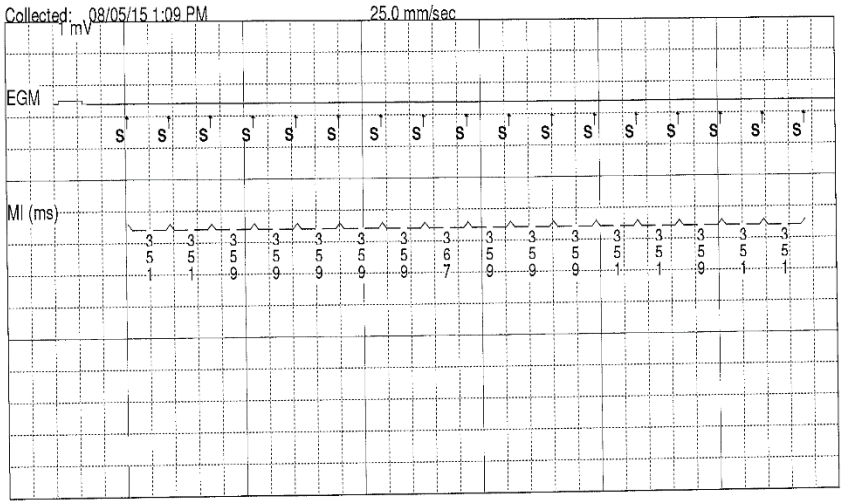
Sleep	Off
Single Chamber Hysteresis	Off
Transtelephonic Monitor	Off
Extended Telemetry	Off
Extended Marker	Standard
Implant Detection	Off/Complete

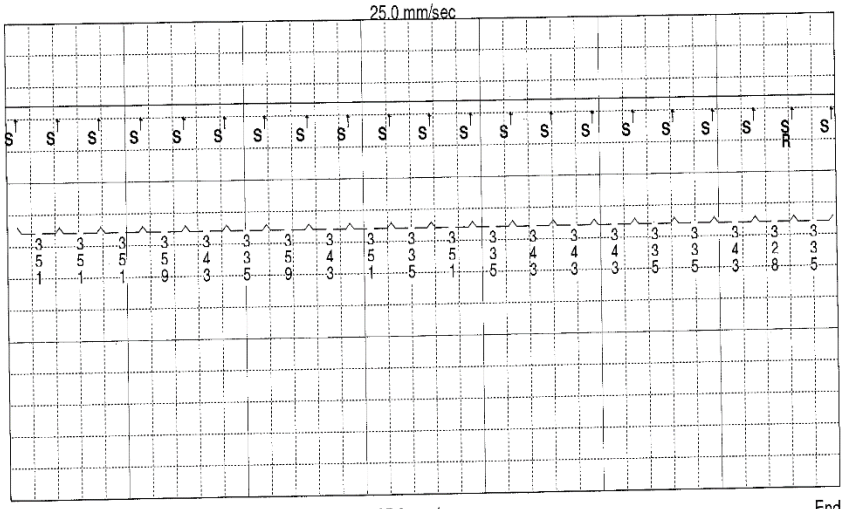
Ventricular High Rate Episodes

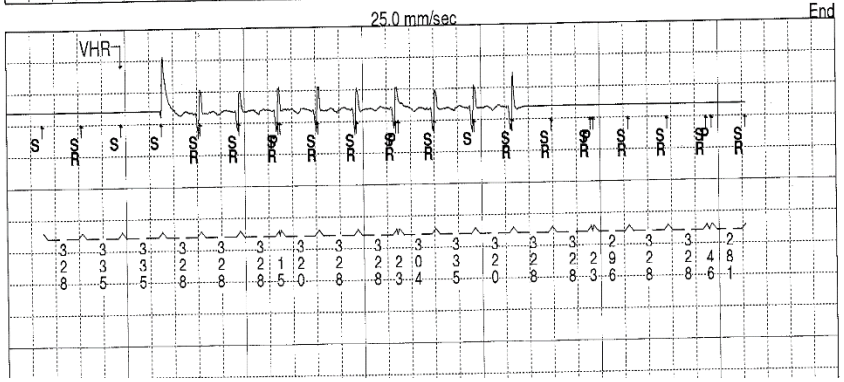
Detection Rate	180 ppm
Detection Beats	5 beats
Termination Beats	5 beats
Episode Collection Method	Rolling

Selectable Diagnostic

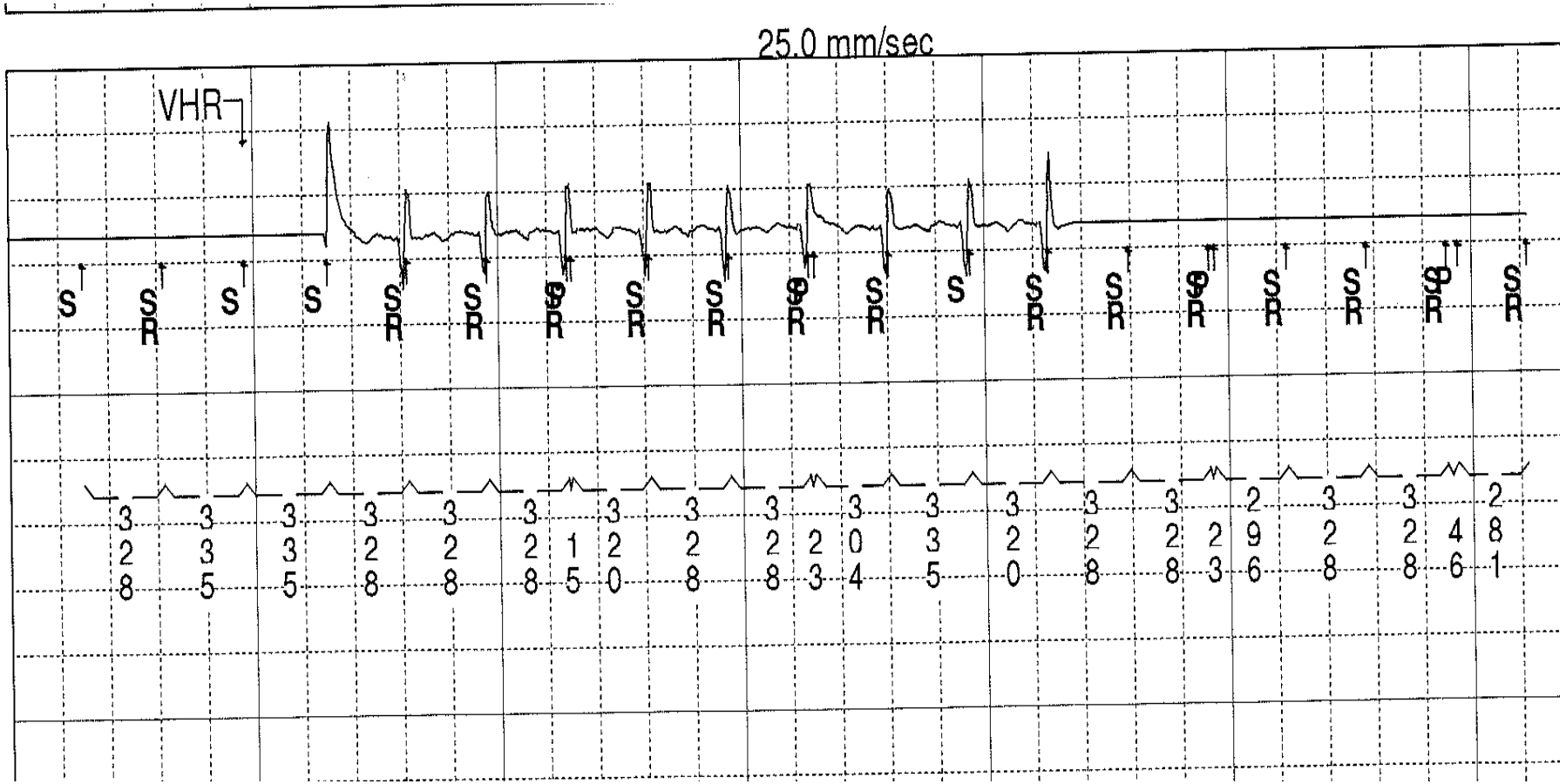
Chronic Lead Trend	On
High Rate Detail	
Include Refractory Senses?	Include
EGM Type	EGM
EGM Allocation	4 for 2/2 secs
EGM Timeout	8 weeks







Pige, 11 år



Medtronic

Initial Interrogation Report

Pacemaker Model: Medtronic Sensia SESR01 Serial Number: NWR695974

Date of Interrogation: 08/05/15 4:46 PM

Pige, 11 år

Permanent Parameters

Modes

Mode	VVI

Rates

Lower Rate	60 ppm
ADL Rate	85 ppm

Refractory/Blanking

Ventricular Refractory	330 ms

Rate Response

Optimization	On
ADL Response	3
Exertion Response	3
ADLR Percent	2.0%
Activity Threshold	Medium/Low
Activity Acceleration	30 sec
Activity Deceleration	Exercise
High Rate Percent	0.2%
ADL Rate Setpoint	54
Upper Sensor Rate Setpoint	154

Ventricular Lead

Amplitude	2.000 V
Pulse Width	0.40 ms
Sensitivity	4.00 mV
Sensing Assurance	On
Pace Polarity	Unipolar
Sense Polarity	Unipolar
Lead Monitor	Monitor Only
Maximum Impedance	4,000 ohms
Minimum Impedance	200 ohms
Monitor Sensitivity	8
Capture Management	Adaptive
Amplitude Margin	2x
Min. Adapted Amplitude	2.000 V
Capture Test Frequency	Day at Rest
Acute Phase	Off
Acute Phase Complete	09/04/11

Additional Features

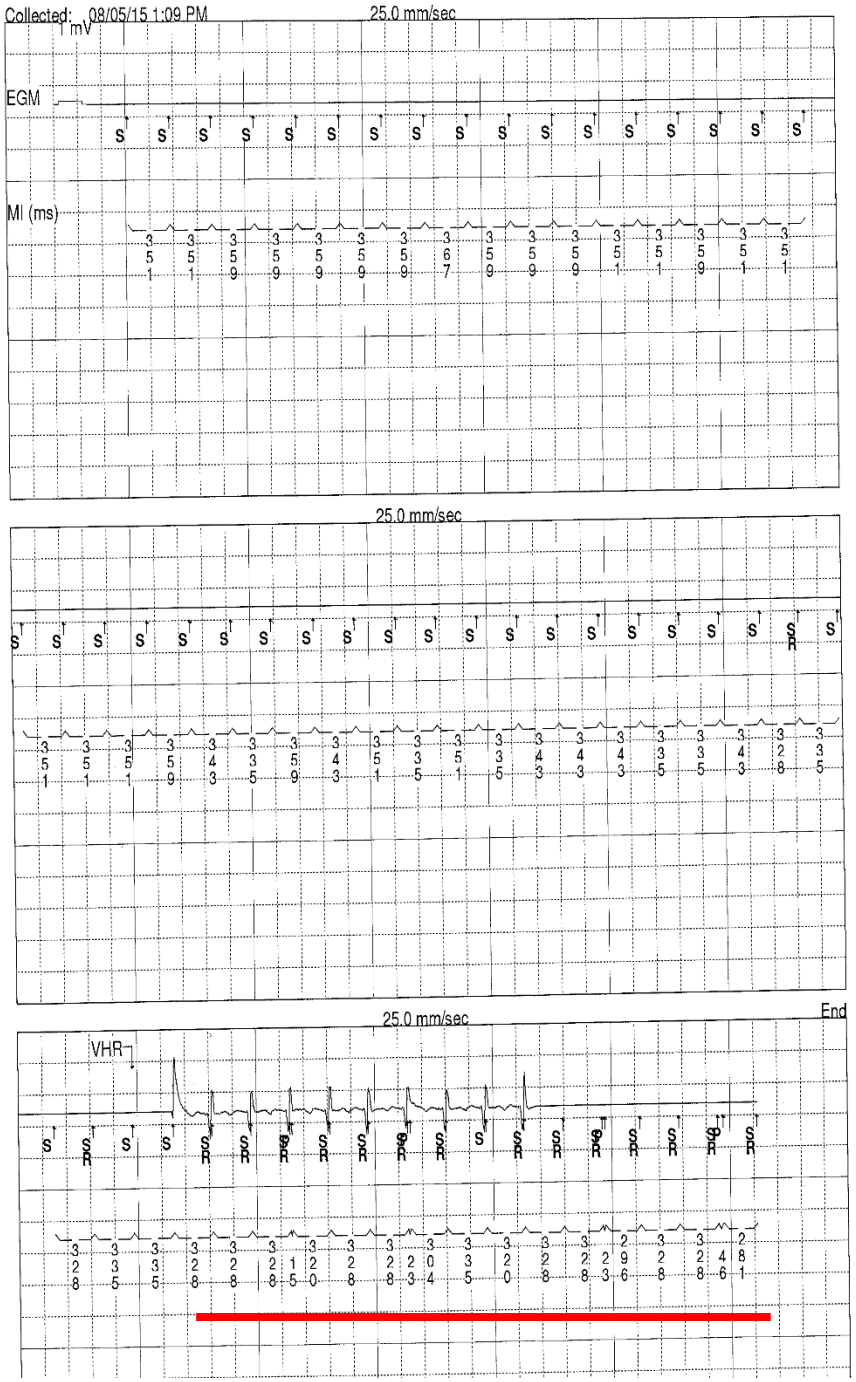
Sleep	Off
Single Chamber Hysteresis	Off
Transtelephonic Monitor	Off
Extended Telemetry	Off
Extended Marker	Standard
Implant Detection	Off/Complete

Ventricular High Rate Episodes

Detection Rate	180 ppm
Detection Beats	5 beats
Termination Beats	5 beats
Episode Collection Method	Rolling

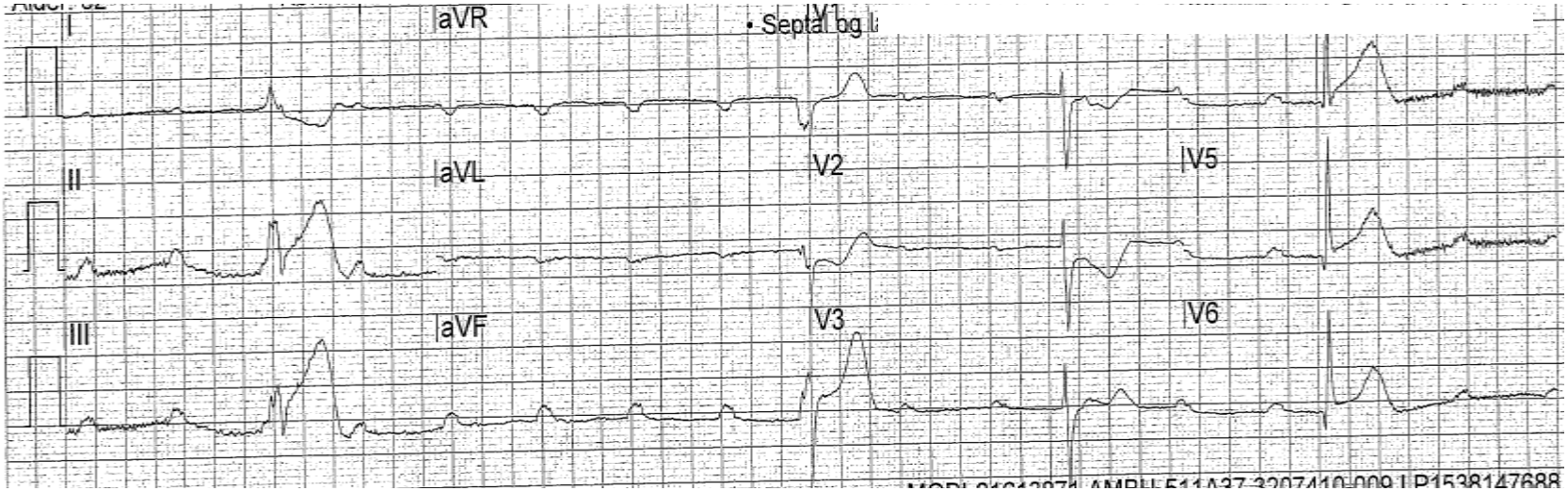
Selectable Diagnostic

Chronic Lead Trend	On
High Rate Detail	
Include Refractory Senses?	Include
EGM Type	EGM
EGM Allocation	4 for 2/2 secs
EGM Timeout	8 weeks



Case 10

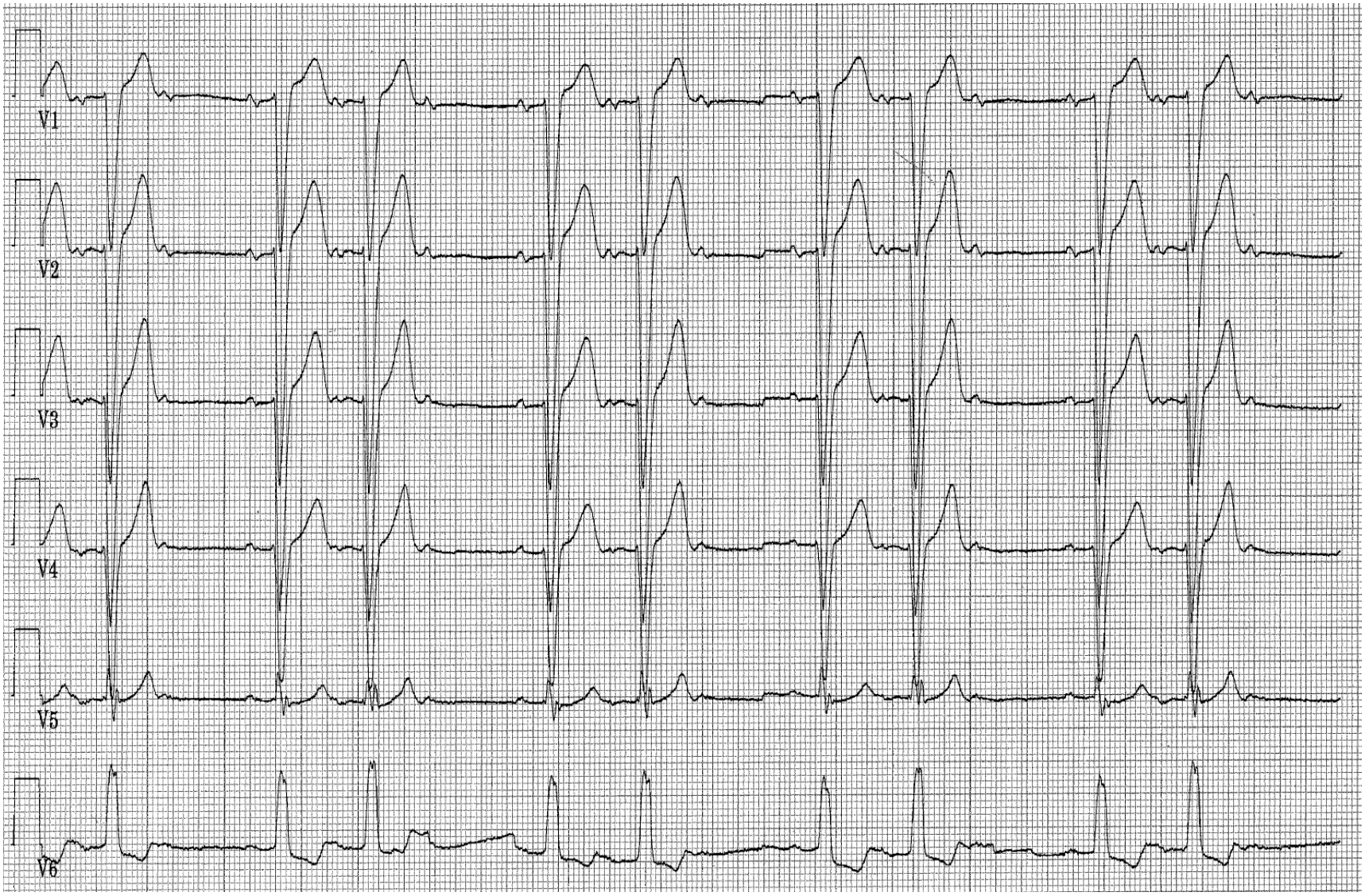
4.



Case 11

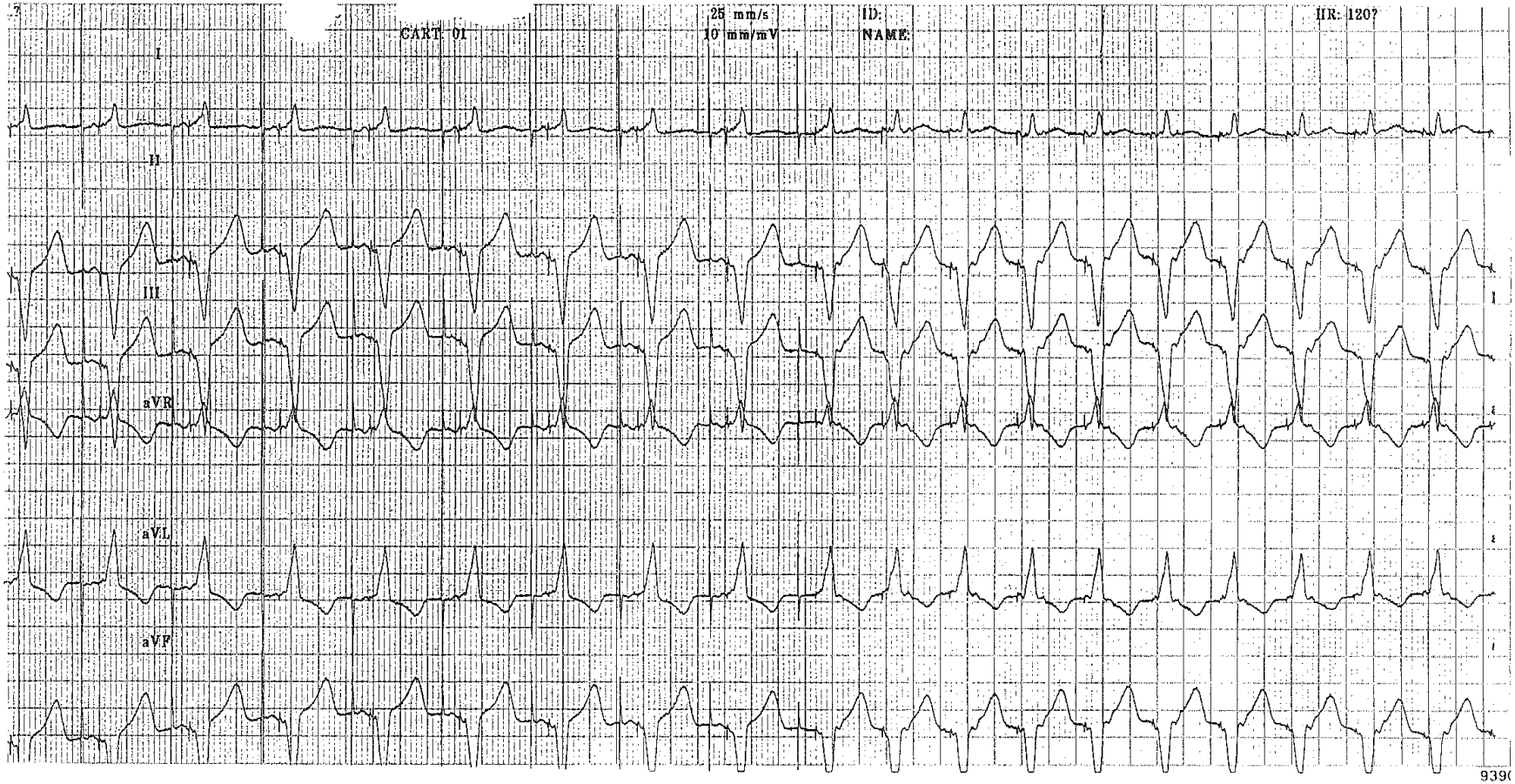
11.

11.



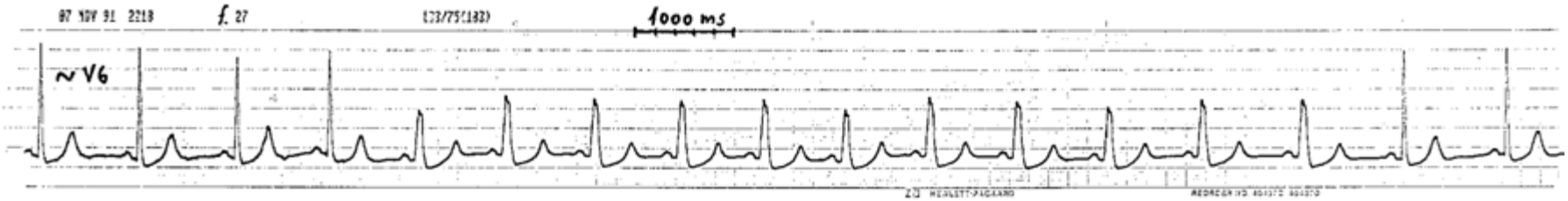
Case 12

12



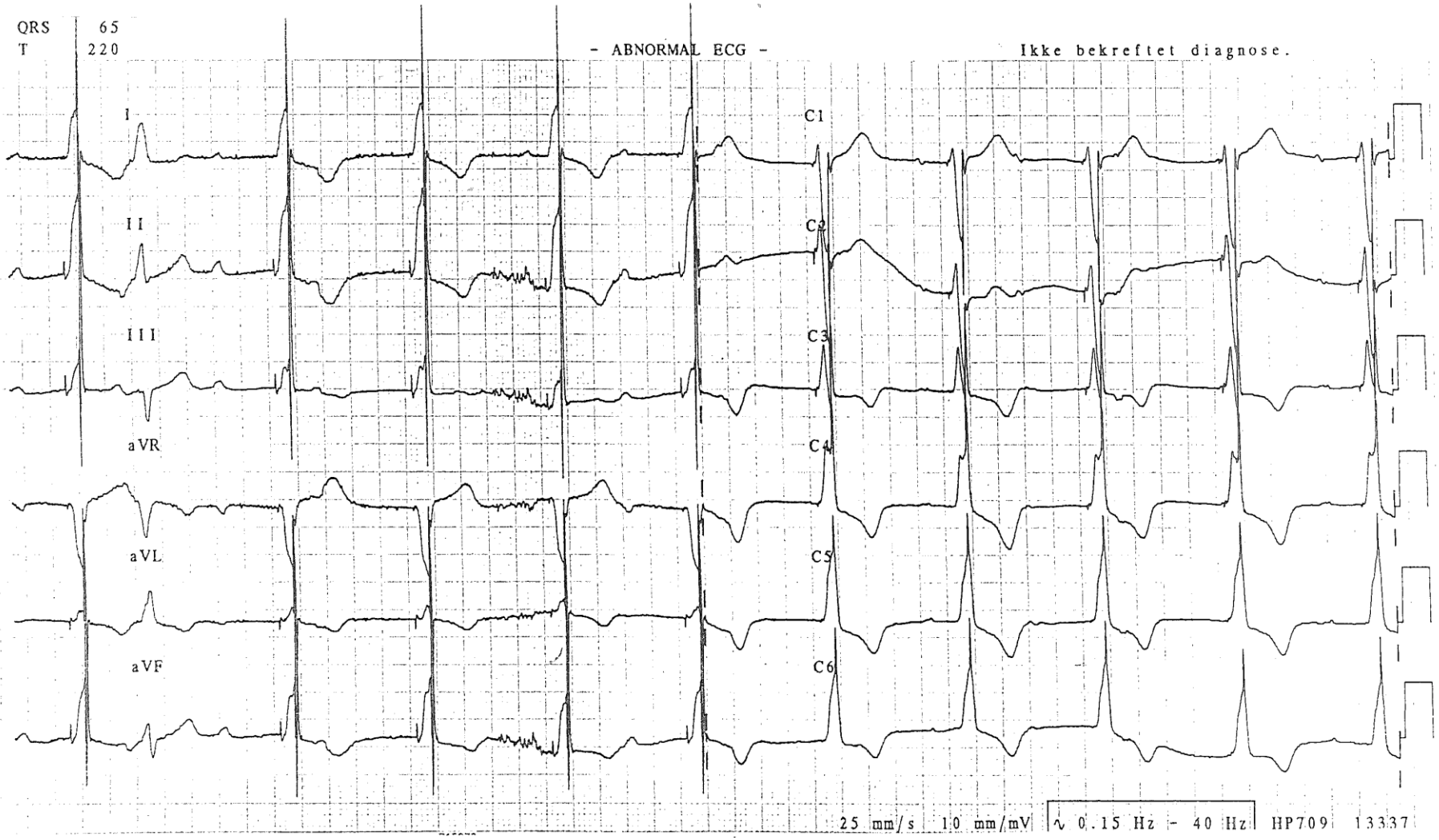
Case 13

CASE 13



Case 14

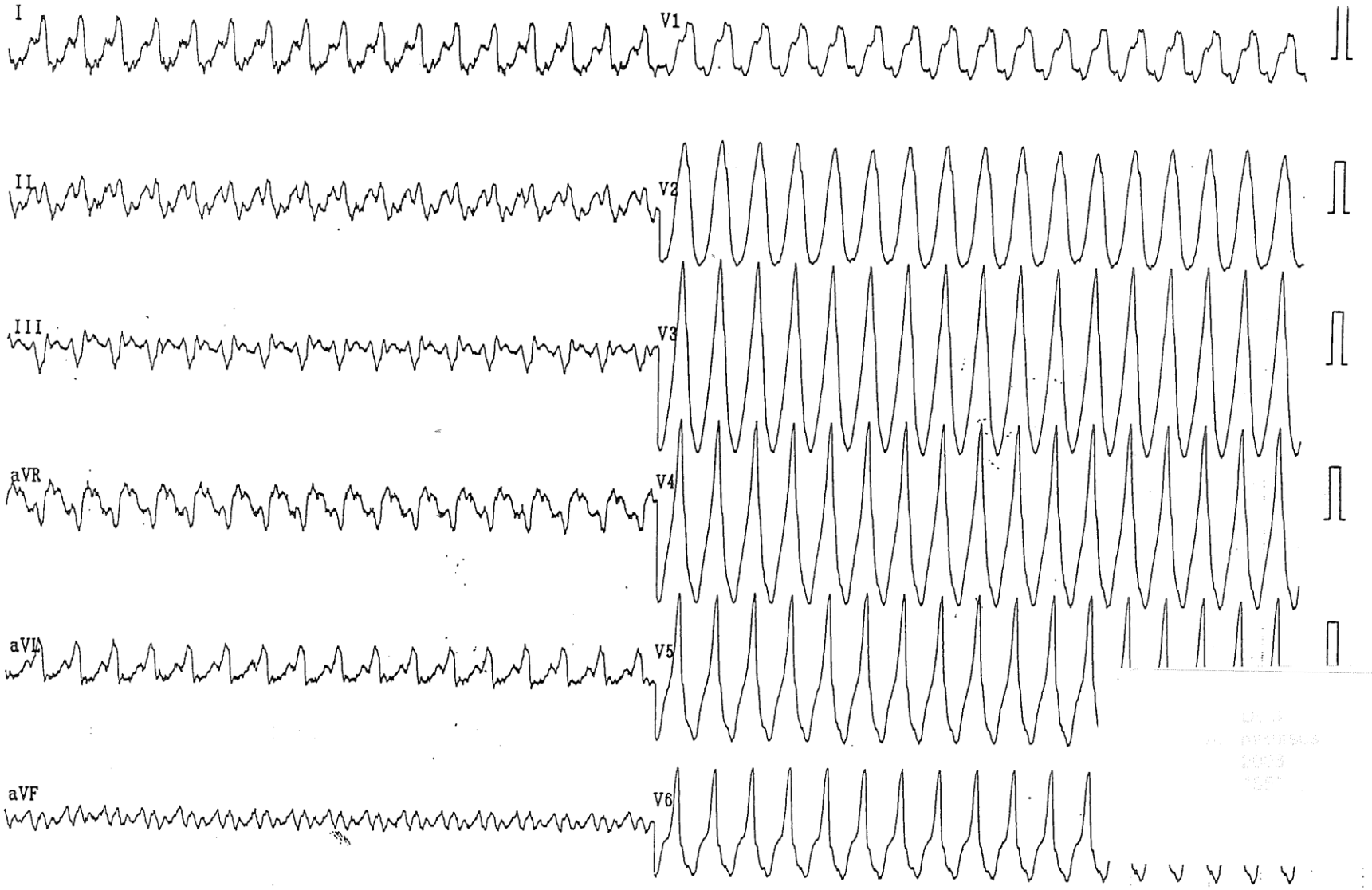
CASE 14


QRS 65
T 220
- ABNORMAL ECG -
Ikke bekreftet diagnose.
I
II
III
aVR
aVL
aVF
C1
C2
C3
C4
C5
C6
25 mm/s 10 mm/mV
~ 0.15 Hz - 40 Hz
HP709 13337

Case 15

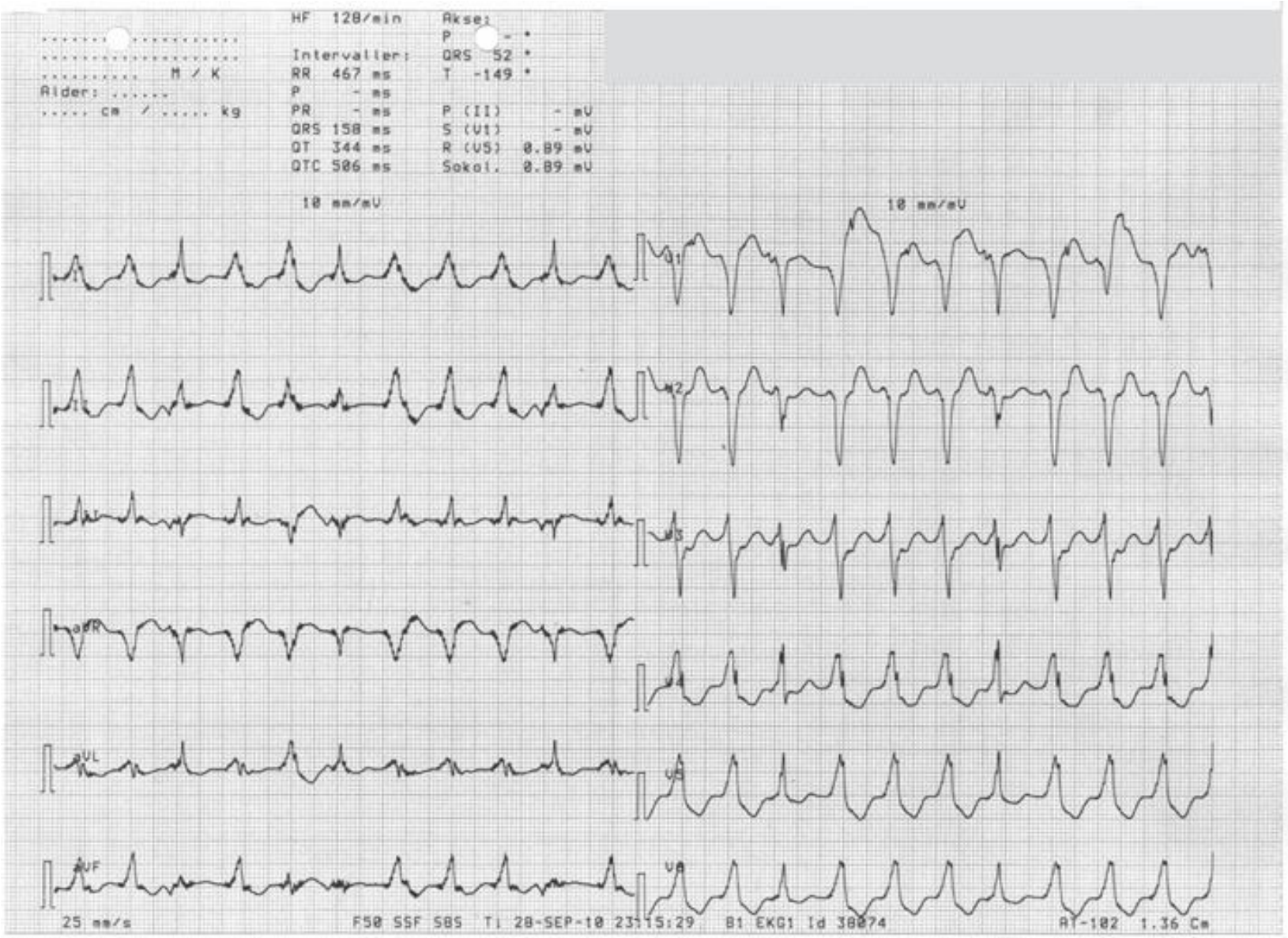
CASE 15

200 bpm

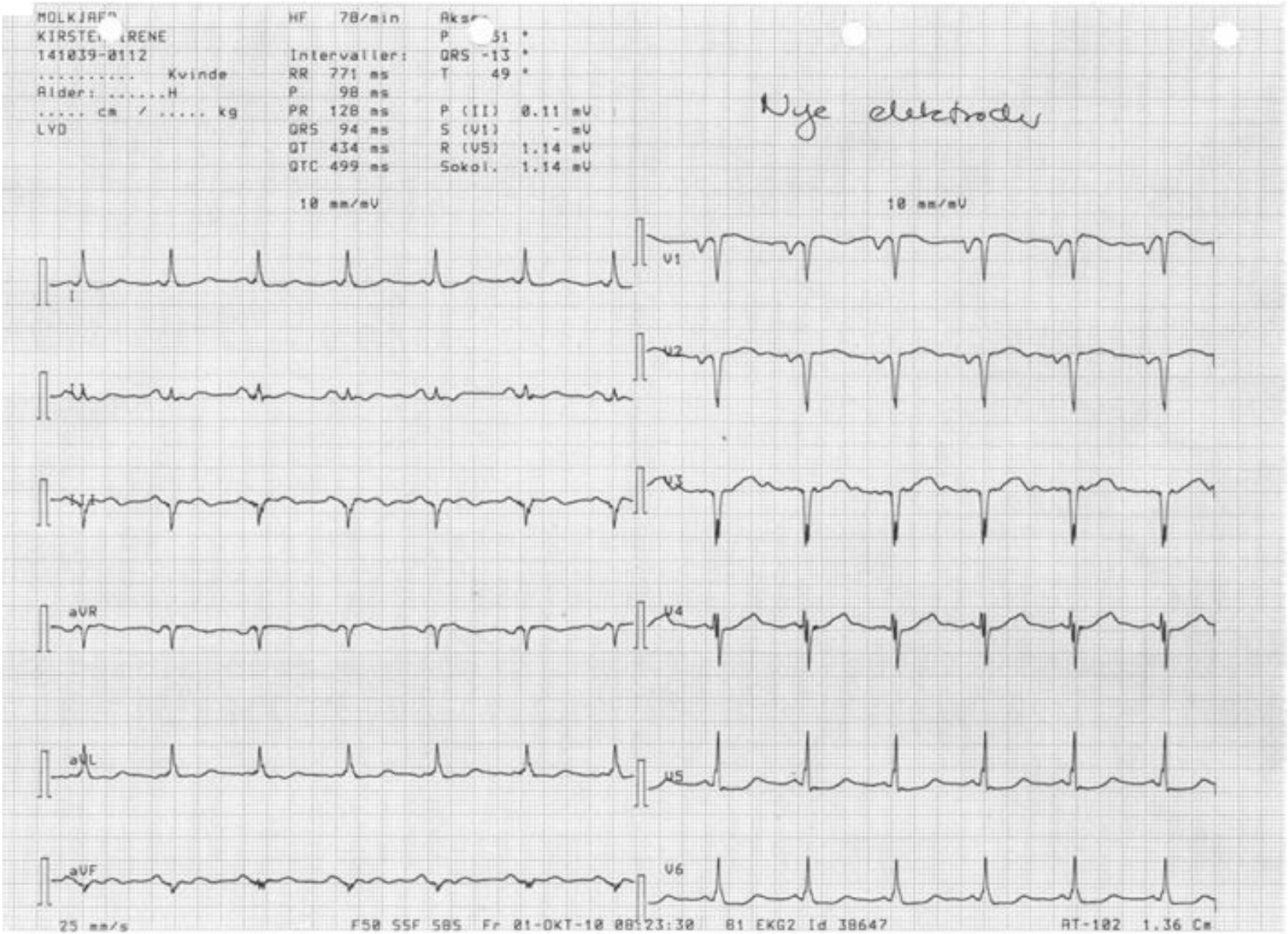


Case 16

CASE 16a


HF 128/min
Intervaller:
RR 467 ms
P - ms
PR - ms
QRS 158 ms
QT 344 ms
QTC 506 ms
Akse:
P -
QRS 52
T -149
P (II) - mV
S (V1) - mV
R (V5) 0.89 mV
Sokol. 0.89 mV
10 mm/mV
10 mm/mV
aVR
aVL
aVF
V6
25 mm/s
F50 SSF SBS
28-SEP-10 23:15:29
B1 EKG1 Id 38074
AT-102 1.36 Cm

CASE 16b

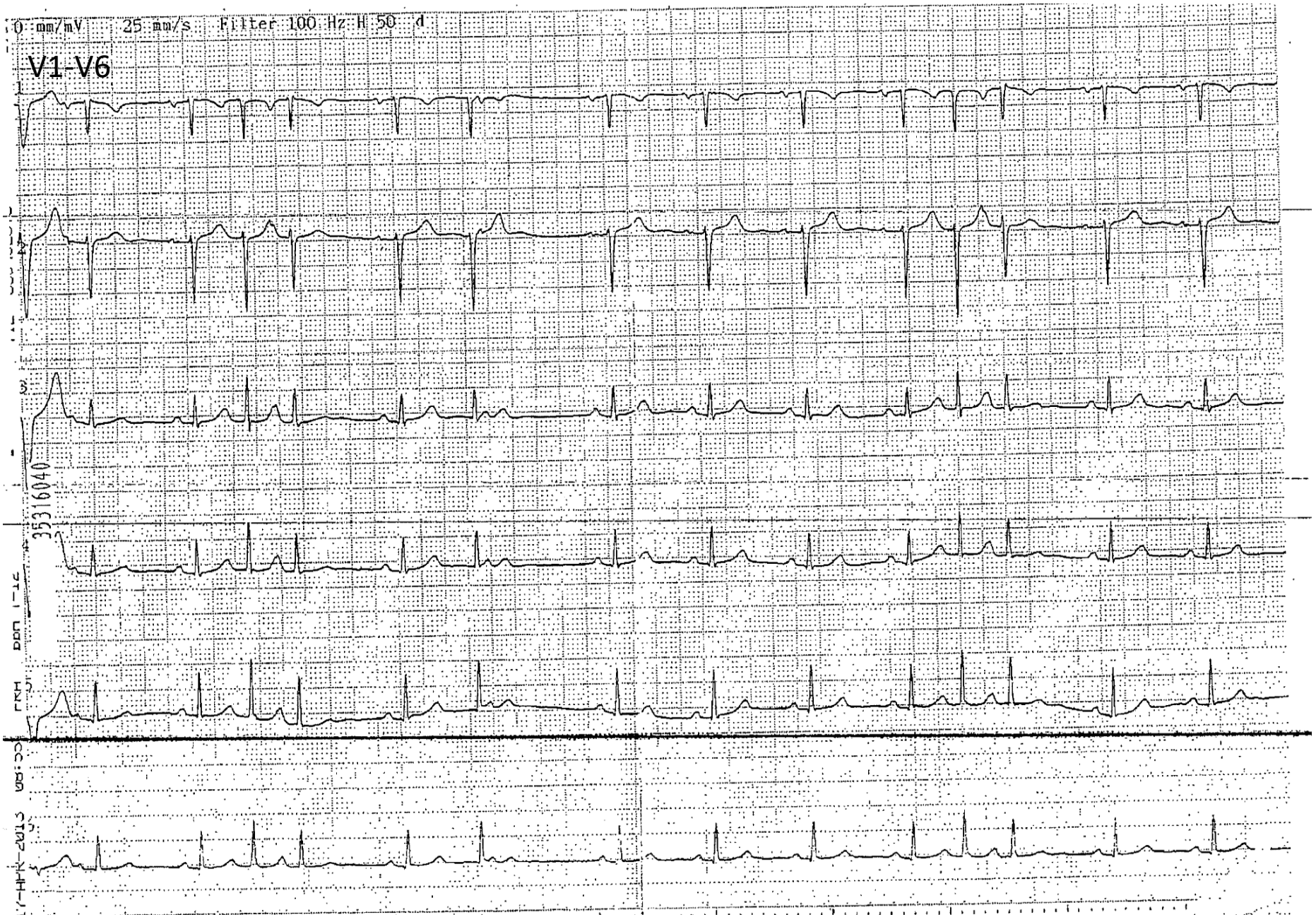

HF 78/min
Intervaller:
RR 771 ms
P 98 ms
PR 128 ms
QRS 94 ms
QT 434 ms
QTC 499 ms
T 49 °
P (II) 0.11 mV
R (V5) 1.14 mV
Sokol. 1.14 mV
Nye elektroder
10 mm/mV
10 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s
F50 SSF SBS Fr 01-OKT-10 08:23:30 81 EKG2 Id 38647
AT-102 1.36 Cm

CASE 16c

Adenosin

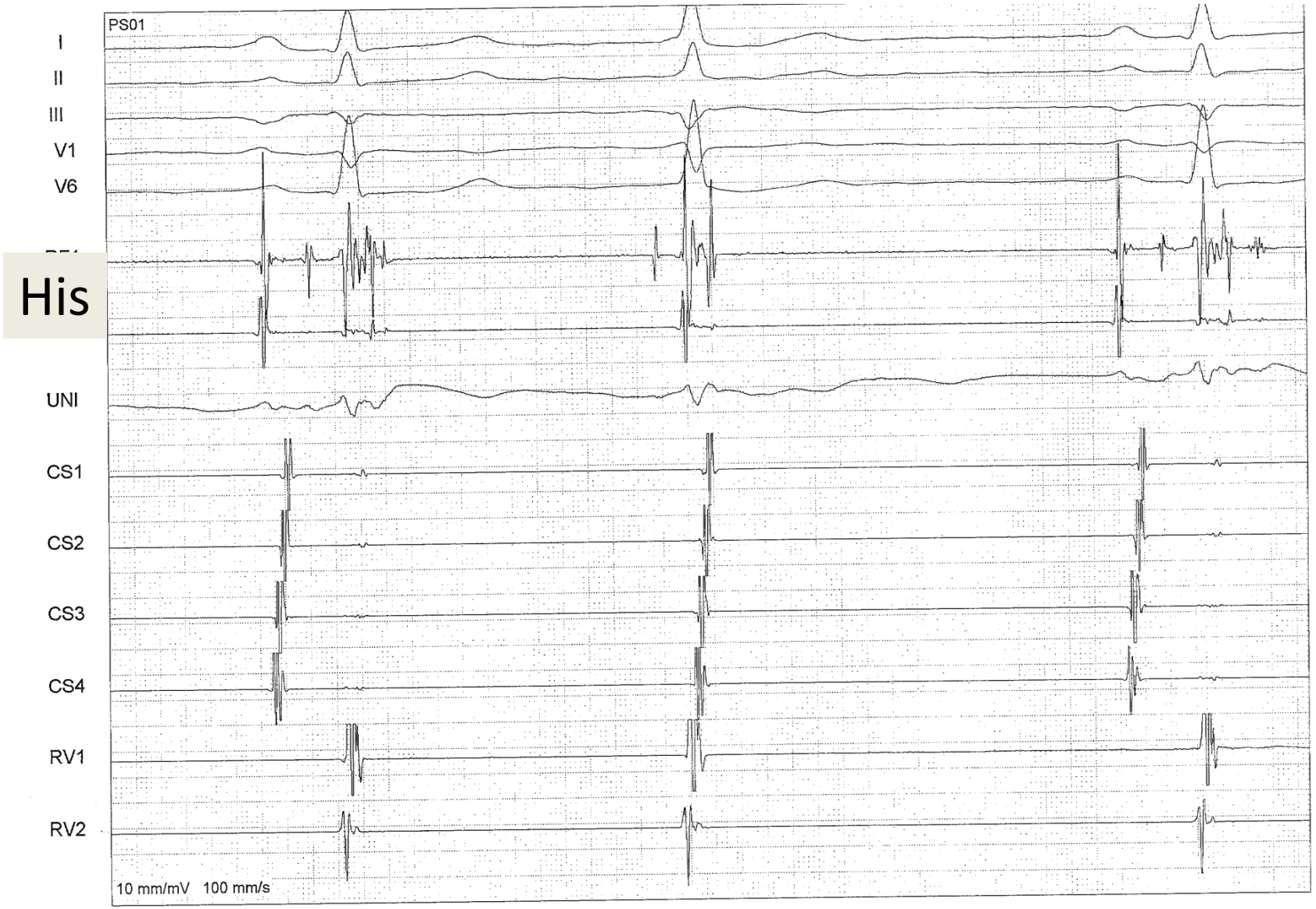
Case 17

17.



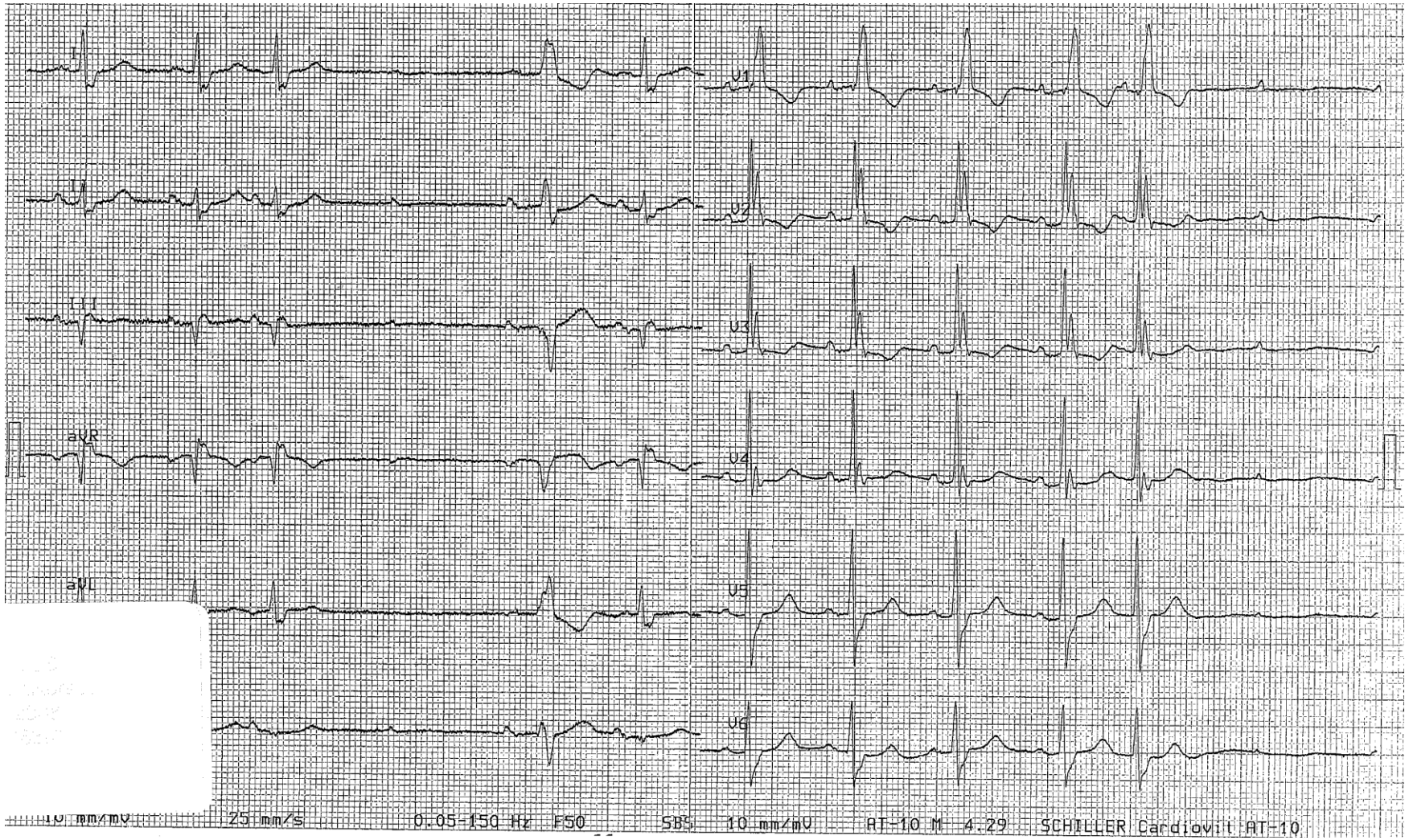
17.

17.

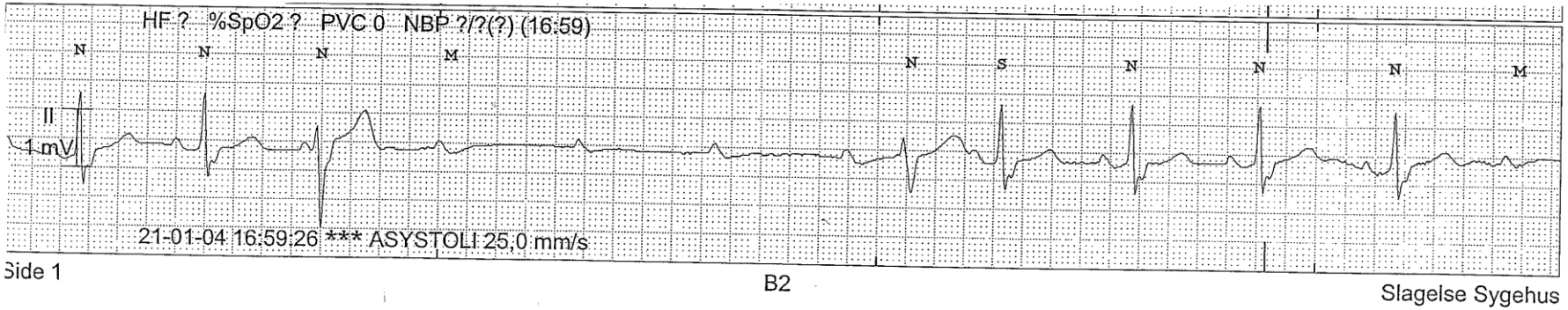

PS01
I
II
III
V1
V6
His
UNI
CS1
CS2
CS3
CS4
RV1
RV2
10 mm/mV 100 mm/s

Case 18

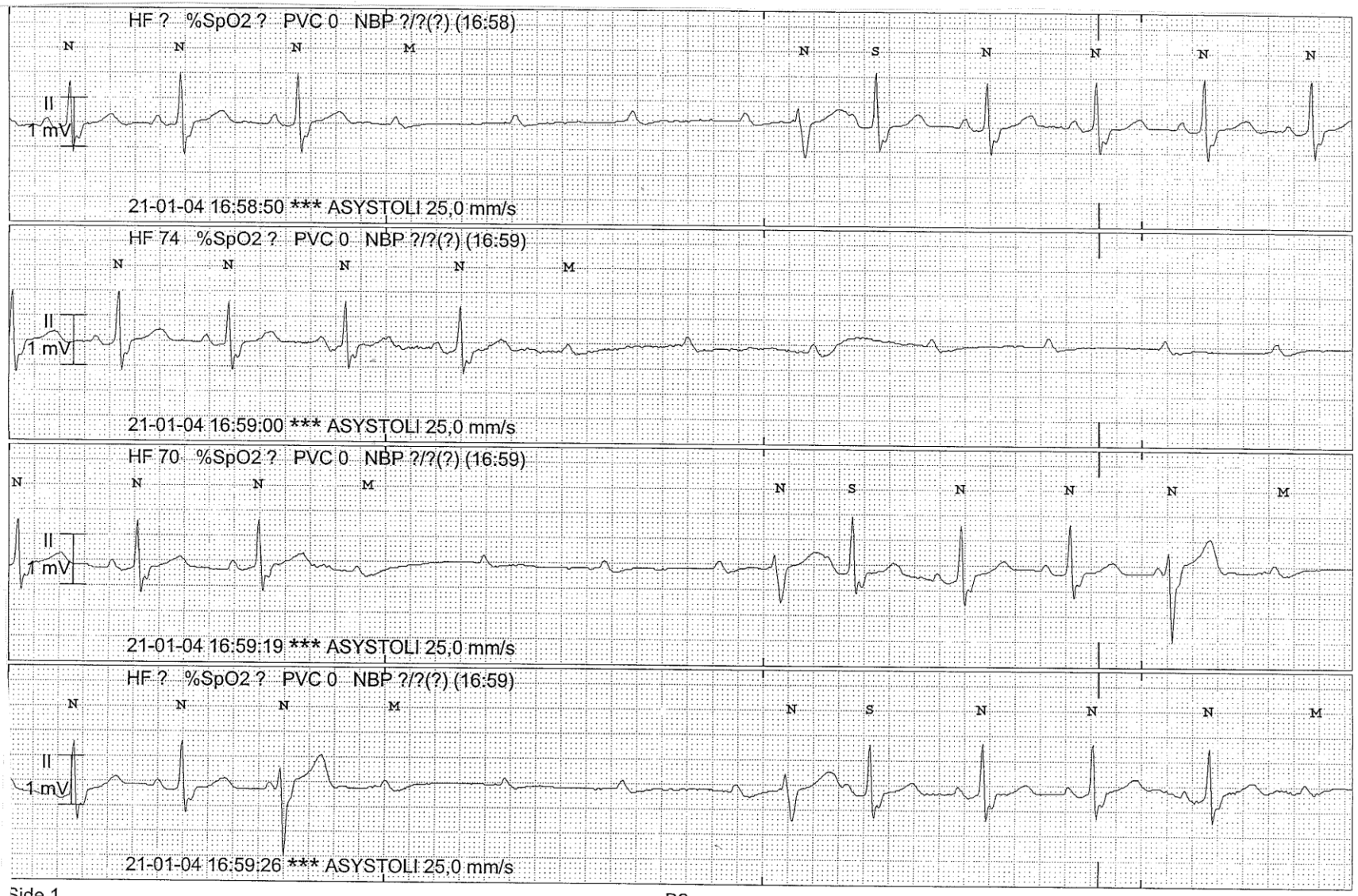
CASE 18a


I
II
III
aVR
aVL
V1
V2
V3
V4
V5
V6
10 mm/mV
25 mm/s
0.05-150 Hz F50
SBS 10 mm/mV
AT-10 M 4.29 SCHILLER Cardiovit AT-10

CASE 18b

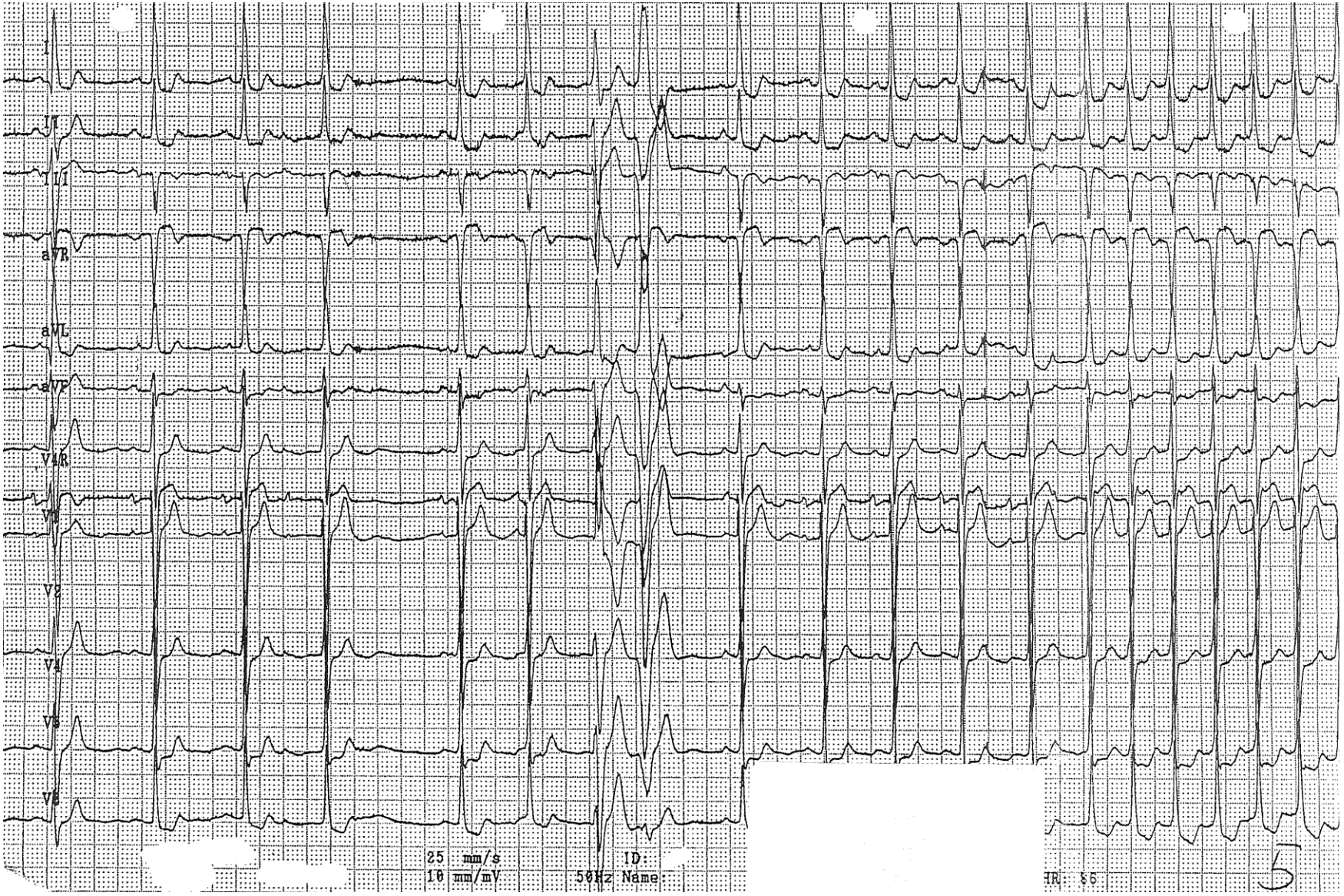

HF ? %SpO2 ? PVC 0 NBP ?/?(?) (16:59)
N N N M N S N N N M
II
1 mV
21-01-04 16:59:26 *** ASYSTOLI 25,0 mm/s
Side 1
B2
Slagelse Sygehus

CASE 18c

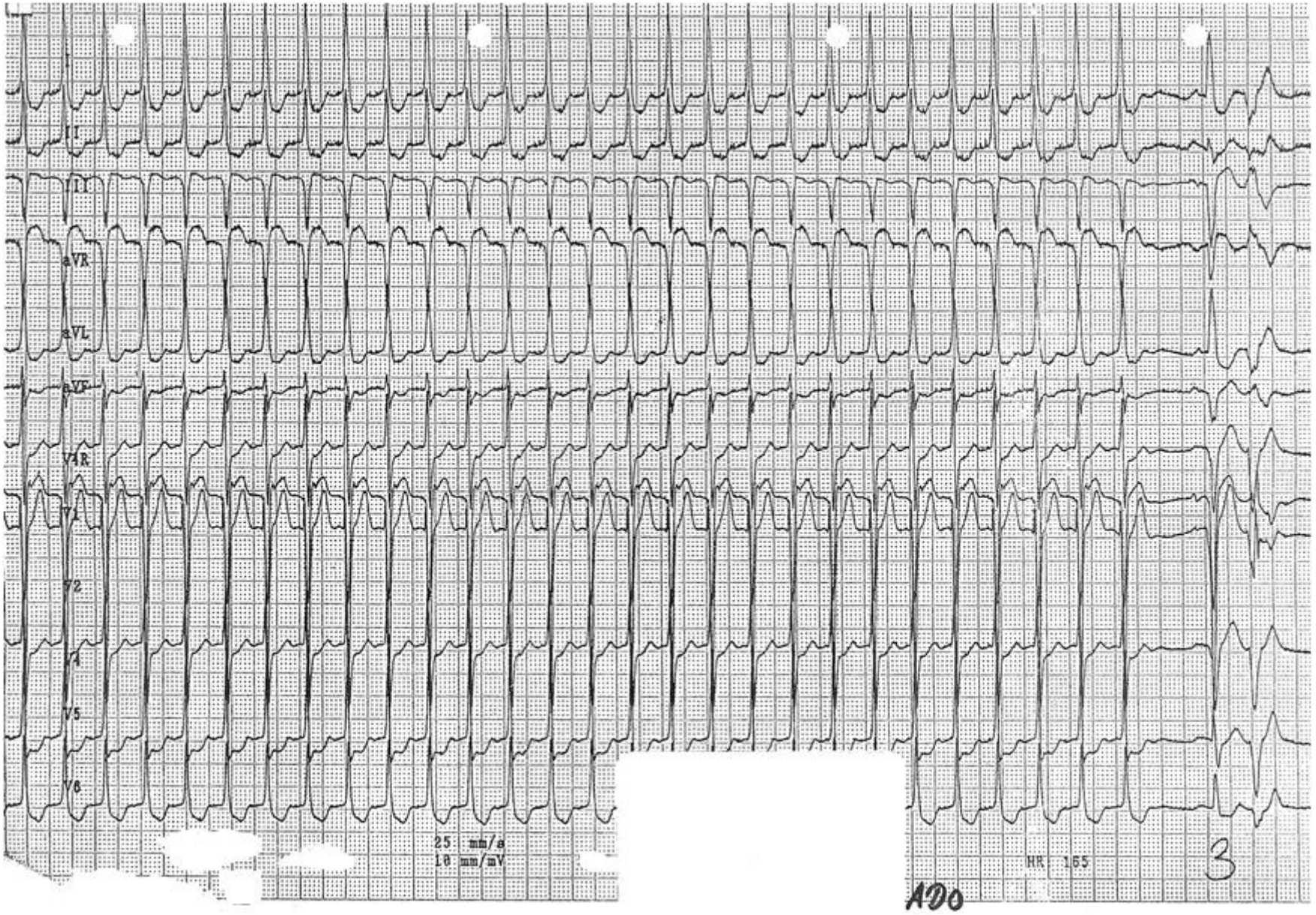

HF ? %SpO2 ? PVC 0 NBP ?/?(?) (16:58)
N N N M N S N N N N
II
1 mV
21-01-04 16:58:50 *** ASYSTOLI 25,0 mm/s
HF 74 %SpO2 ? PVC 0 NBP ?/?(?) (16:59)
N N N N M
II
1 mV
21-01-04 16:59:00 *** ASYSTOLI 25,0 mm/s
HF 70 %SpO2 ? PVC 0 NBP ?/?(?) (16:59)
N N N M N S N N N M
II
1 mV
21-01-04 16:59:19 *** ASYSTOLI 25,0 mm/s
HF ? %SpO2 ? PVC 0 NBP ?/?(?) (16:59)
N N N M N S N N N M
II
1 mV
21-01-04 16:59:26 *** ASYSTOLI 25,0 mm/s

Case 19

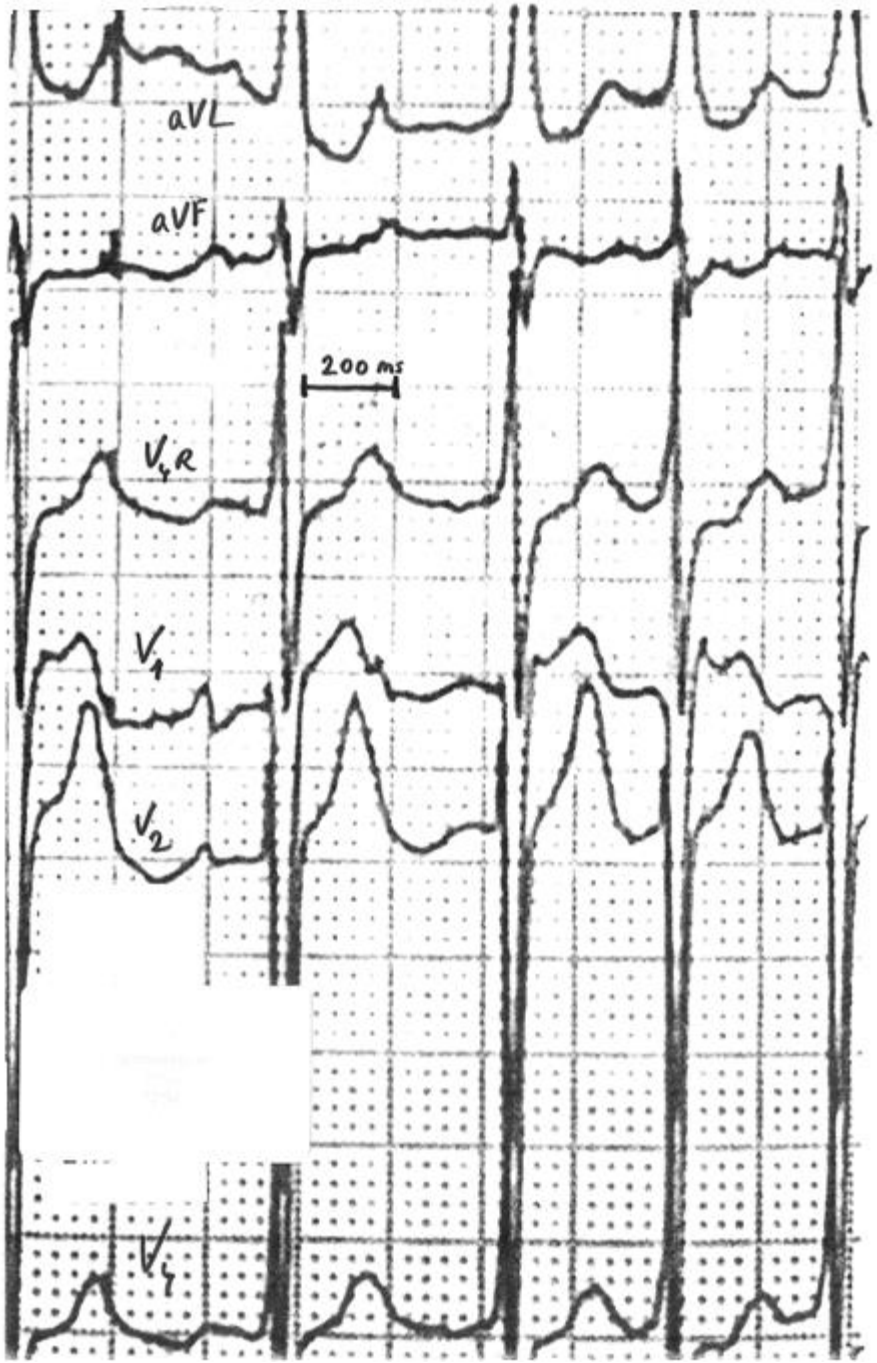
CASE 19a


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s
10 mm/mV
50Hz
ID:
Name:
HR 86

CASE 19b



CASE 19c

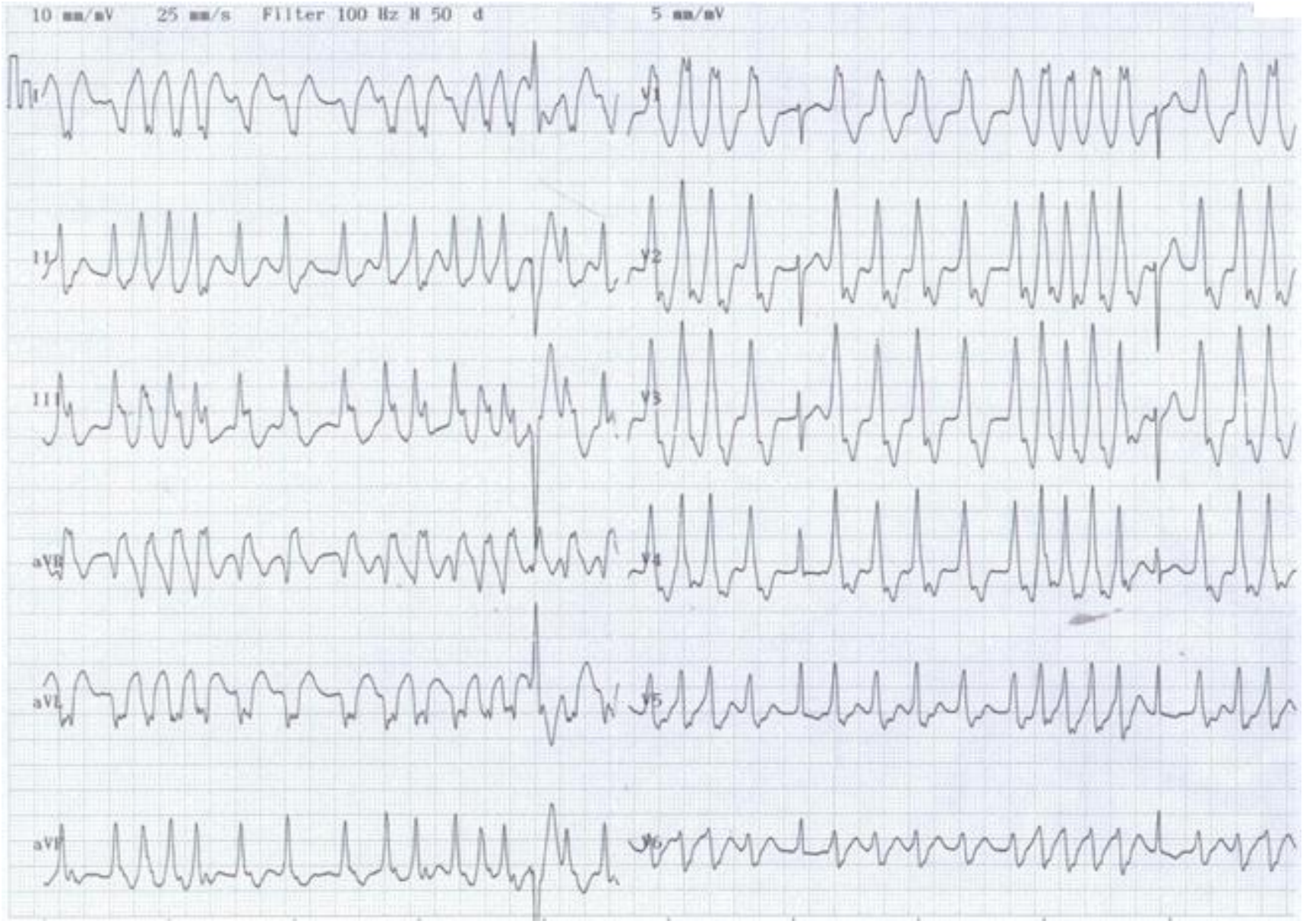


Case 20

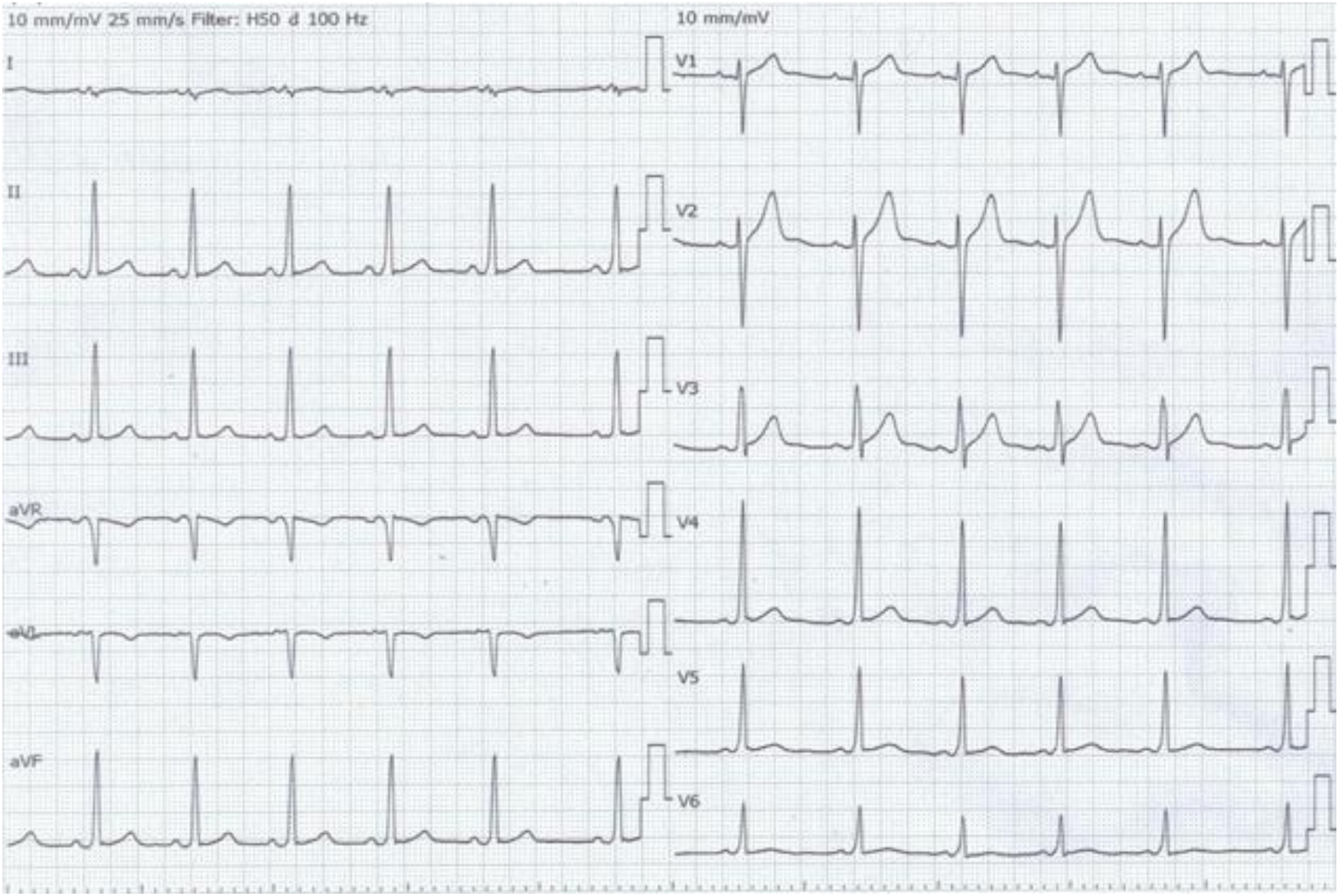
CASE 20a


10 mm/mV 25 mm/s Filter: H50 d 35 Hz
5 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

CASE 20b


10 mm/mV 25 mm/s Filter 100 Hz H 50 d
5 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

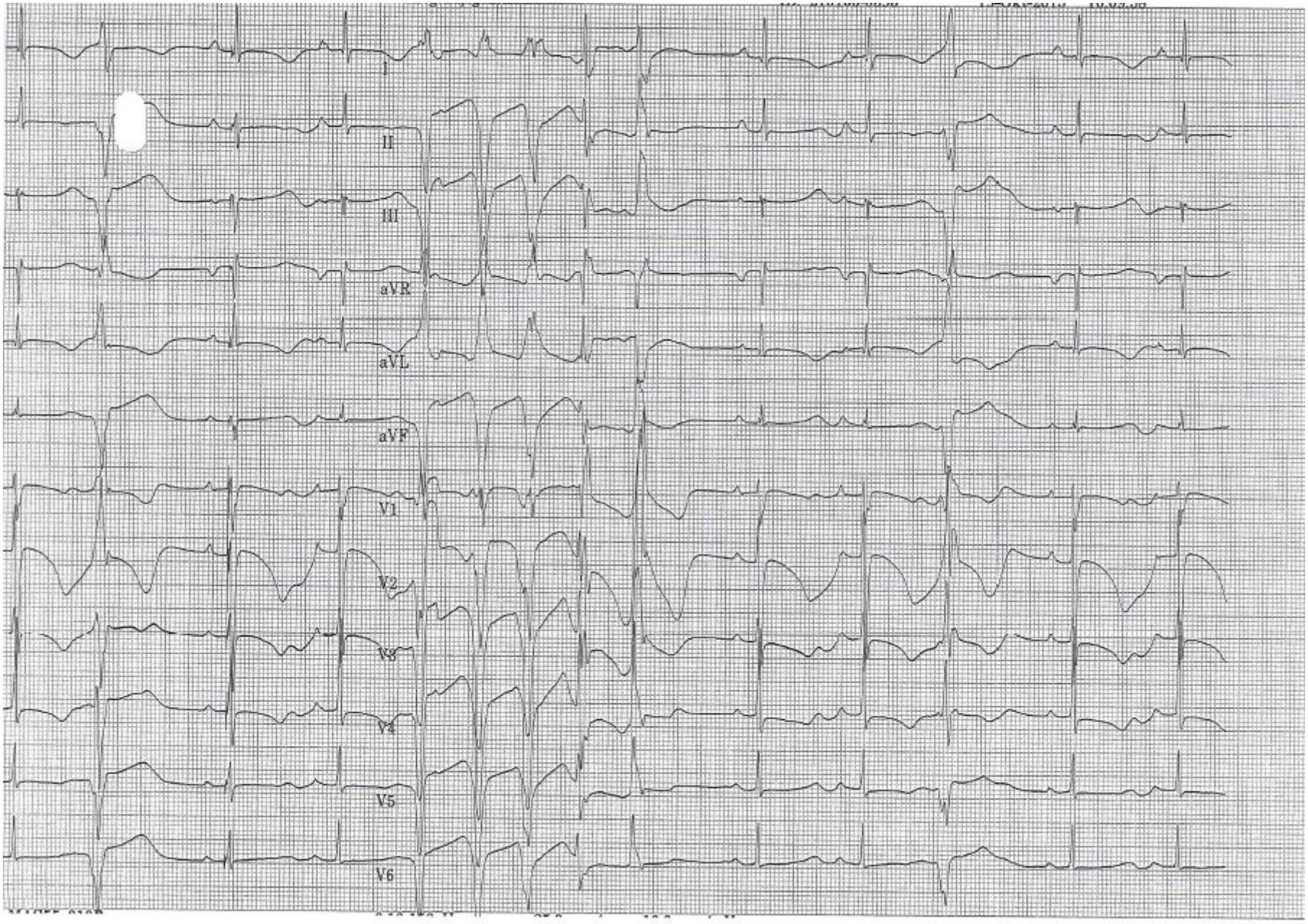
CASE 20c


10 mm/mV 25 mm/s Filter: H50 d 100 Hz
10 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

CASE 20d


Max praeexc
1000 ms
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
13:55:23
13:55:25
13:55:27
13:55:29
13:55:31

Case 21

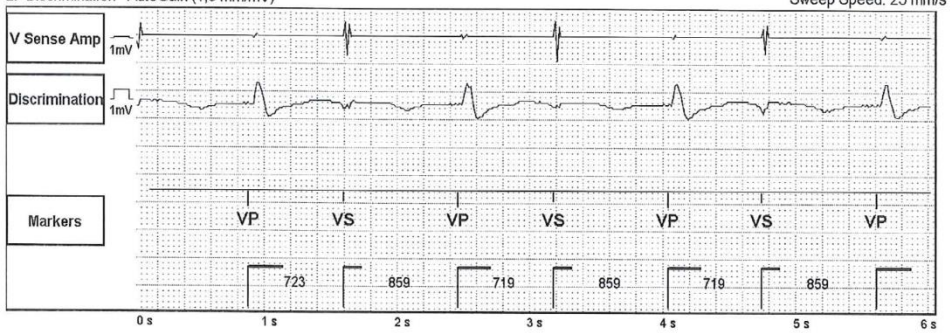

I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

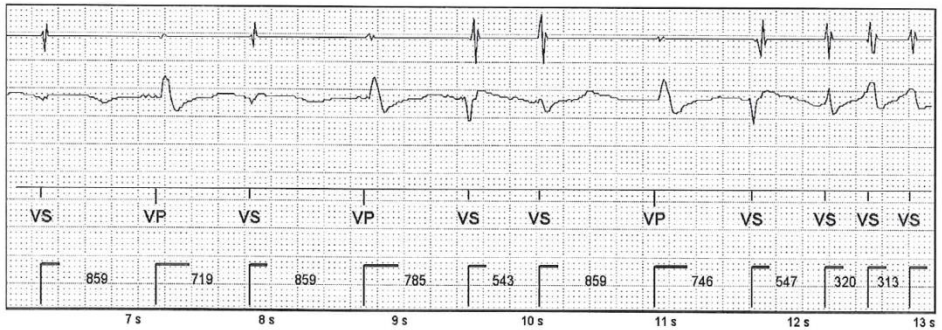
Episode: Non-sustained (468 bpm / 128 ms)

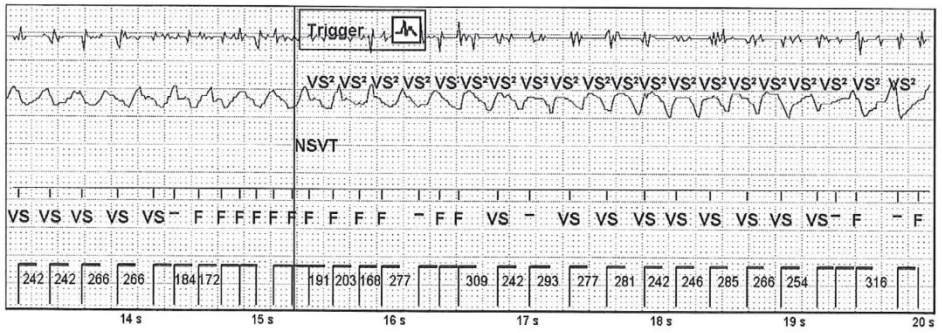
17 Oct 2015 21:25

1: V Sense Amp AutoGain (0,4 mm/mV)
2: Discrimination AutoGain (1,8 mm/mV)
3: Markers

Sweep Speed: 25 mm/s





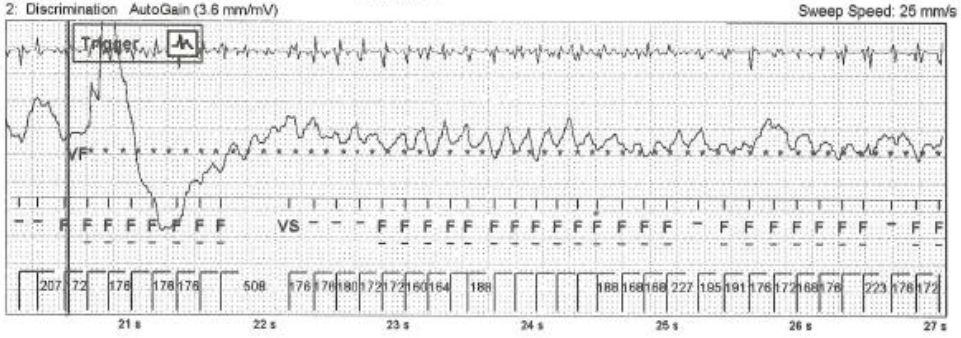


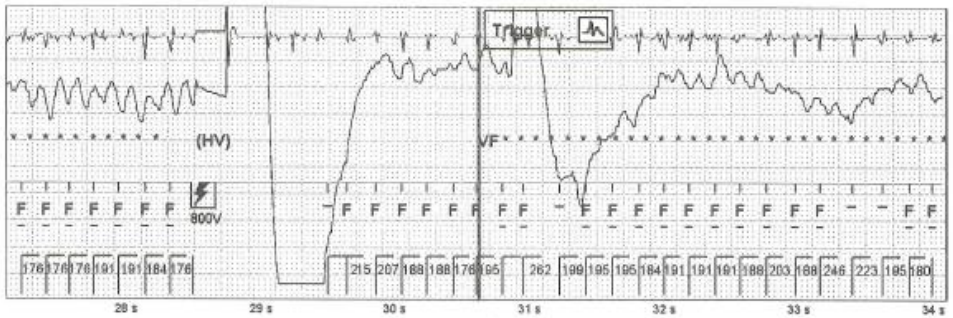
Episode: VF (363 min^{-1} / 165 ms) (Continued)

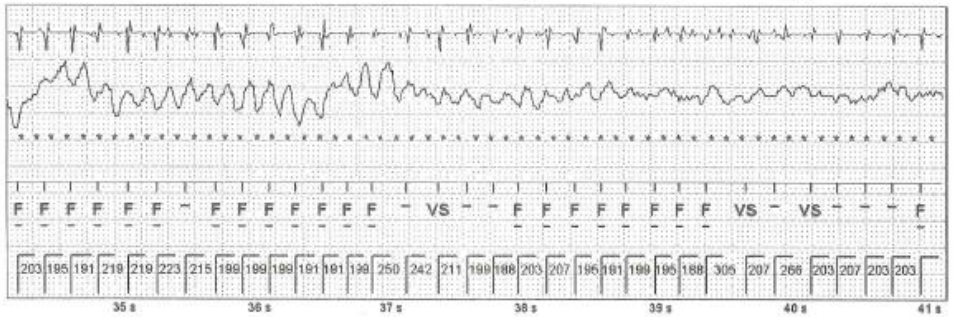
18 Oct 2015 17:21

1: V Sense Amp AutoGain (0.5 mm/mV)
2: Discrimination AutoGain (3.6 mm/mV)
3: Markers

Sweep Speed: 25 mm/s





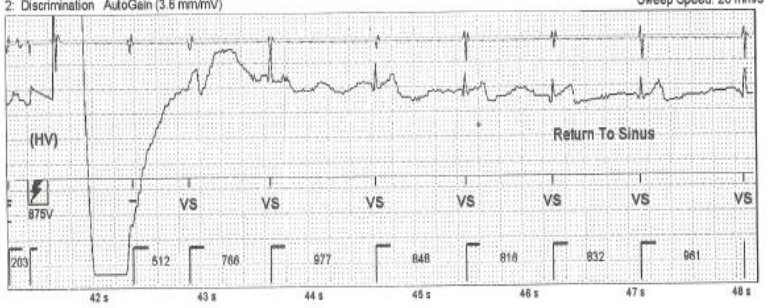


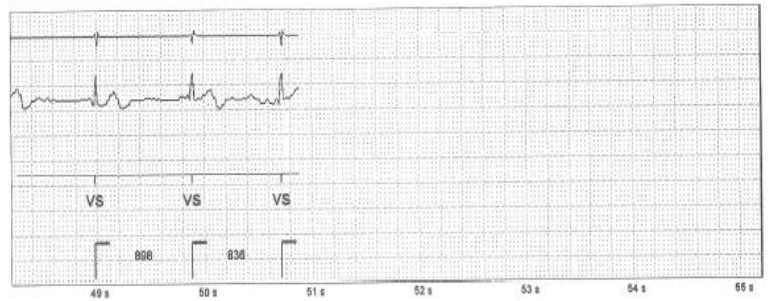
Episode: VF (363 min^{-1} / 165 ms) (Continued)

18 Oct 2015 17:21

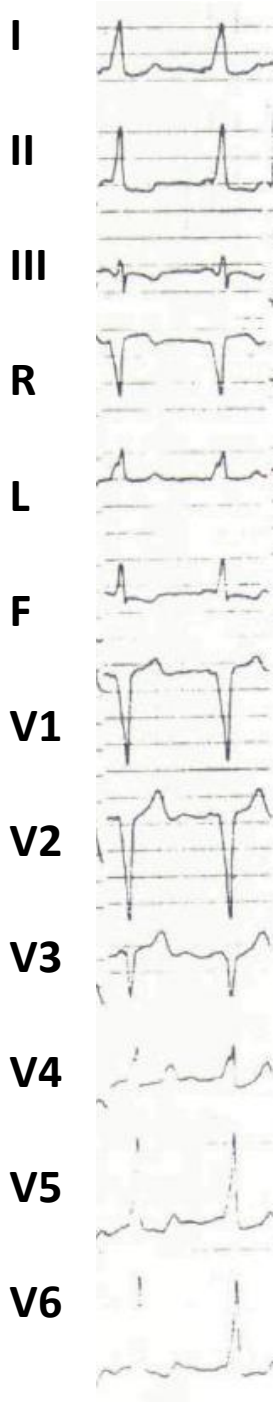
1: V Sense Amp AutoGain (0.5 mm/mV)
2: Discrimination AutoGain (3.6 mm/mV)
3: Markers

Sweep Speed: 25 mm/s





Case 22



12 årig dreng

ADHD

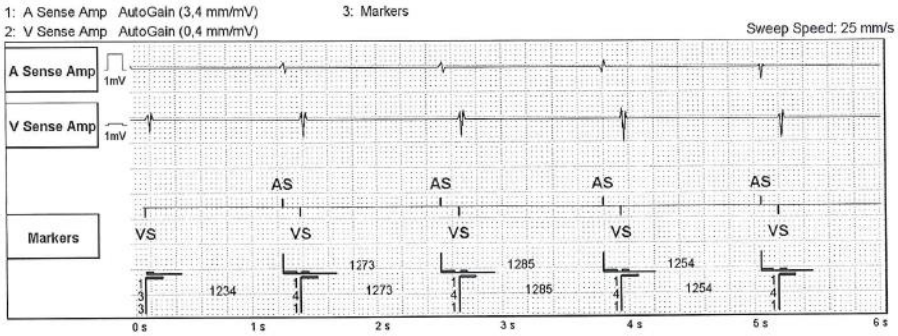
Planlægger Ritalin behandling

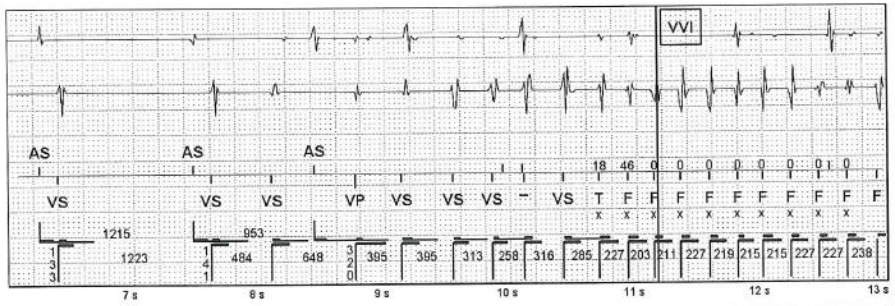
Der tages EKG

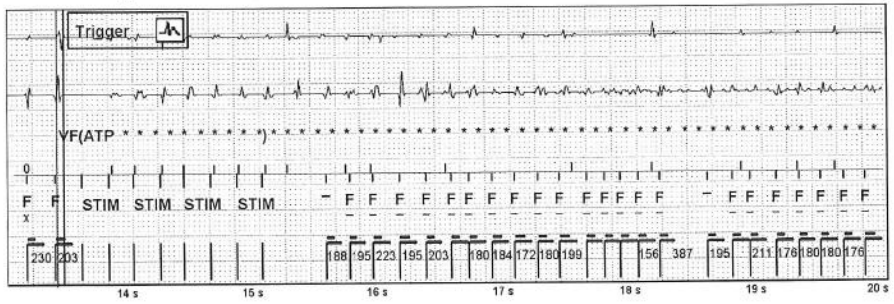
Case 23

Episode: VF (260 bpm / 230 ms)

15 Mar 2014 0:55

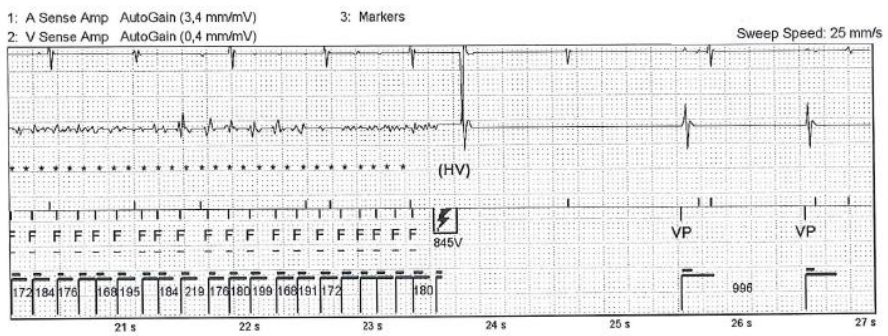


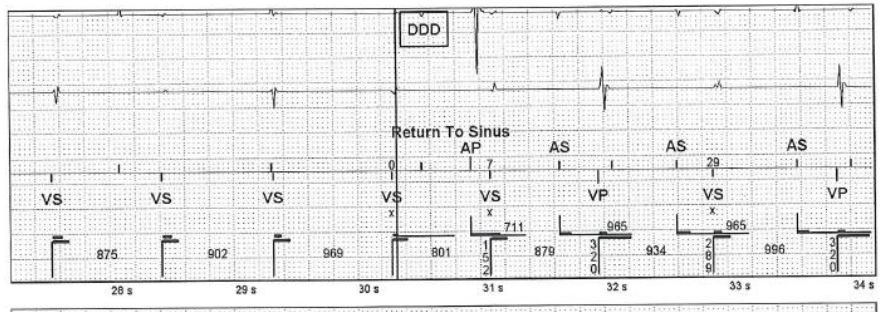


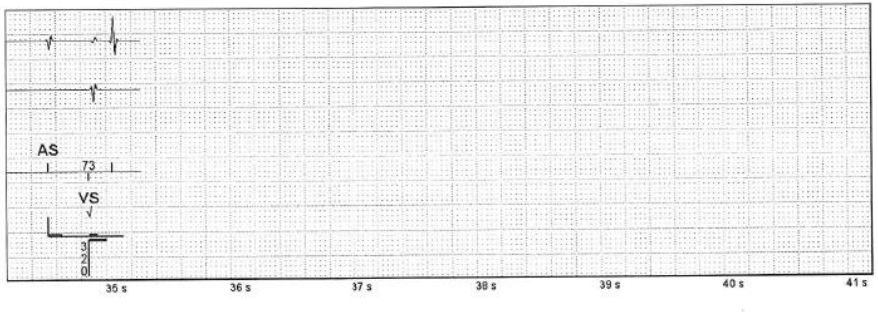


Episode: VF (260 bpm / 230 ms) (Continued)

15 Mar 2014 0:55



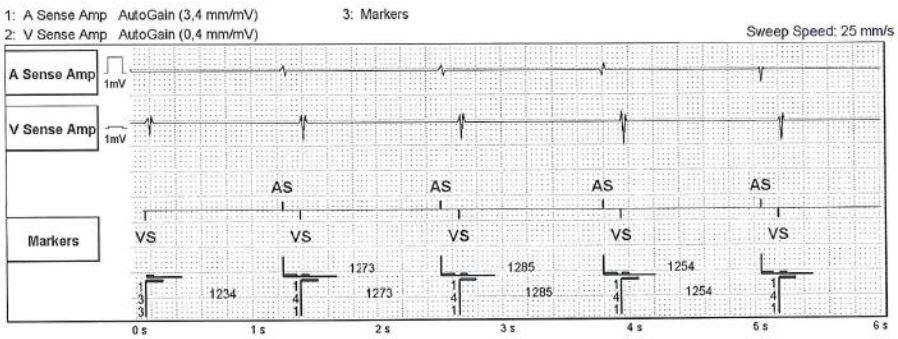


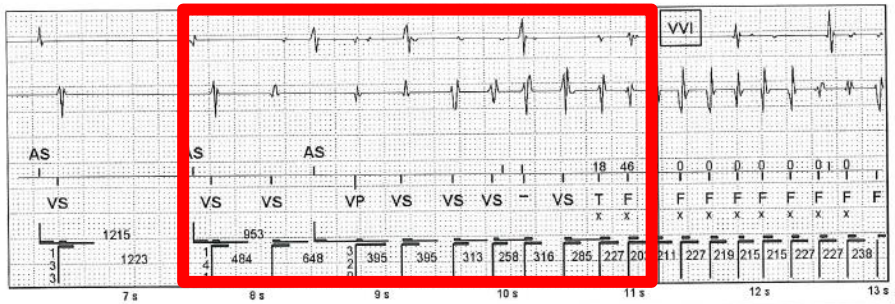


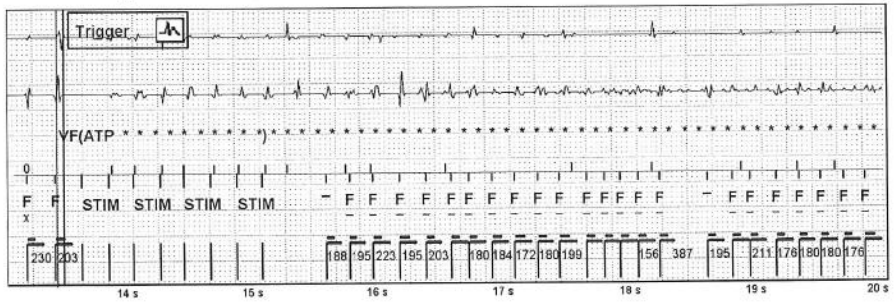
BY f. 1967

Episode: VF (260 bpm / 230 ms)

15 Mar 2014 0:55

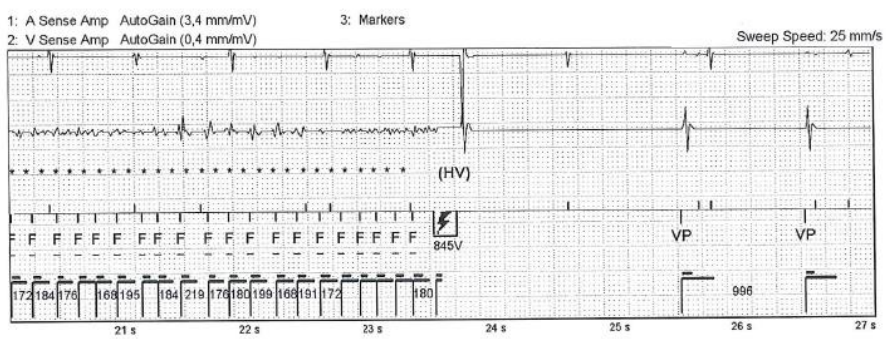


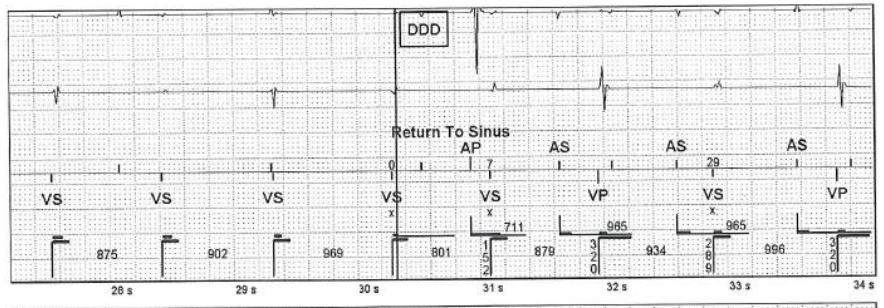


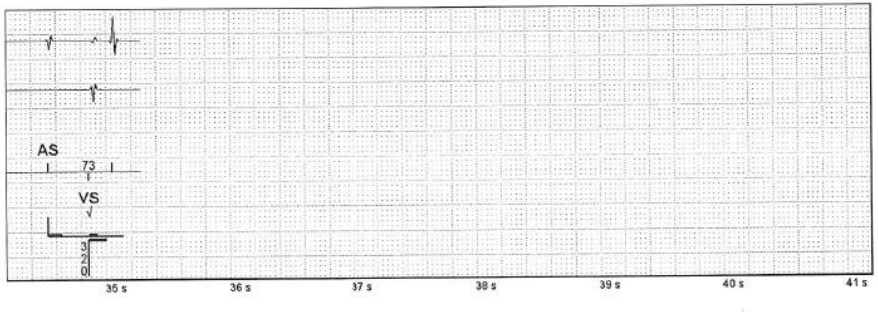


Episode: VF (260 bpm / 230 ms) (Continued)

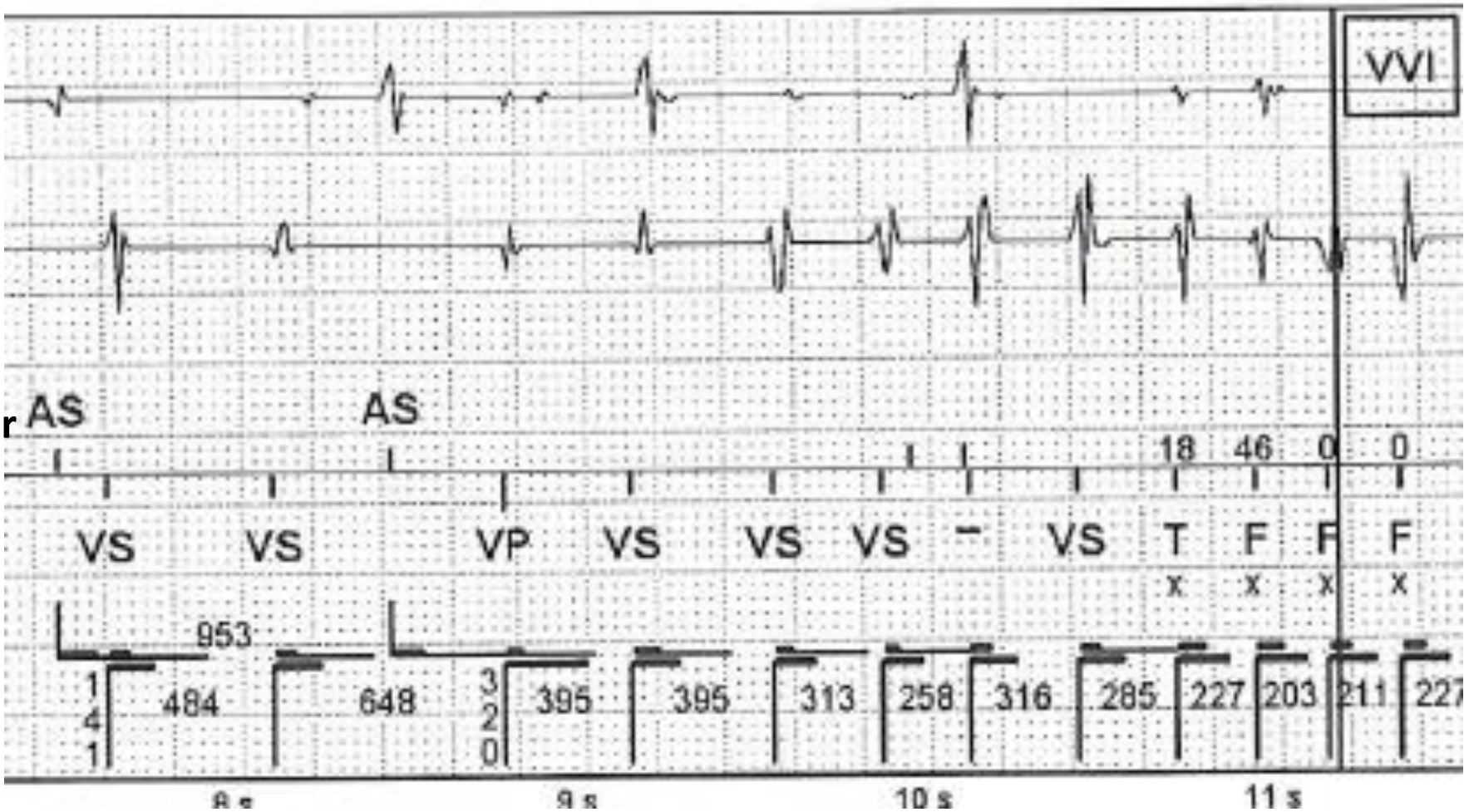
15 Mar 2014 0:55







BY f. 1967

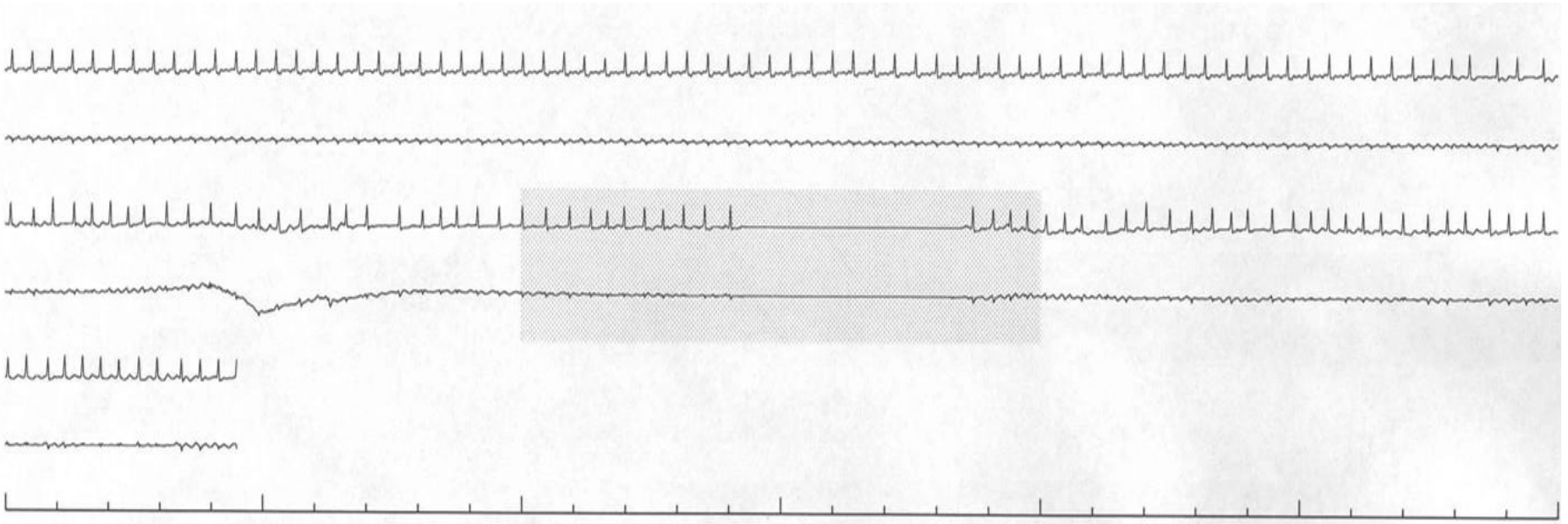

A
V
Marker
VVI
AS
AS
VS
VS
VP
VS
VS
VS
VS
T
F
F
F
953
484
648
395
395
313
258
316
285
227
203
211
227
8 s
9 s
10 s
11 s

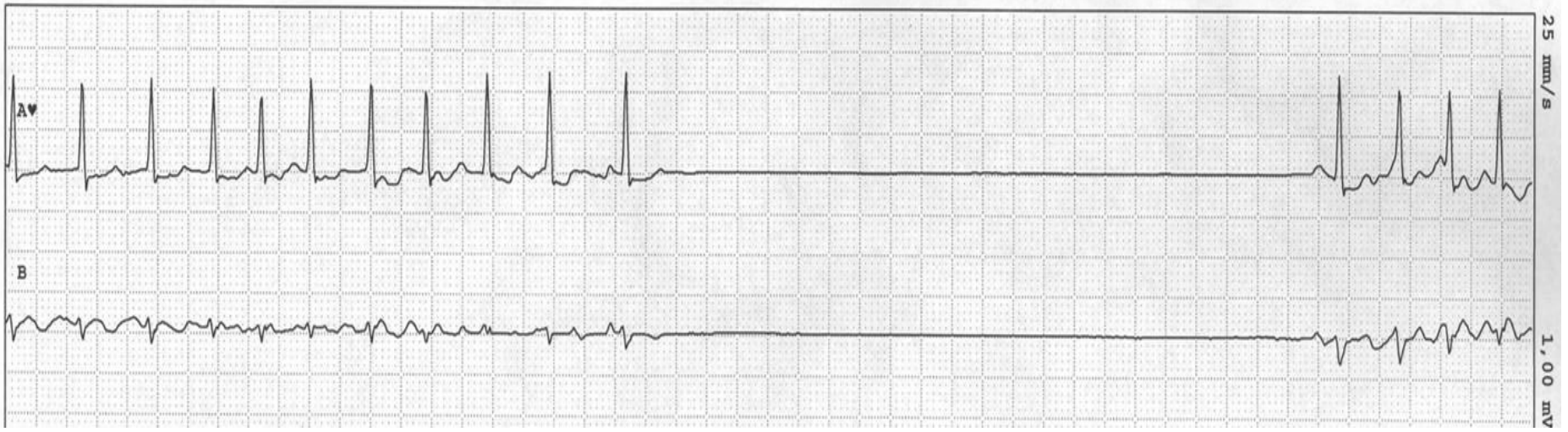
BY f. 1967

Case 24

CASE 24

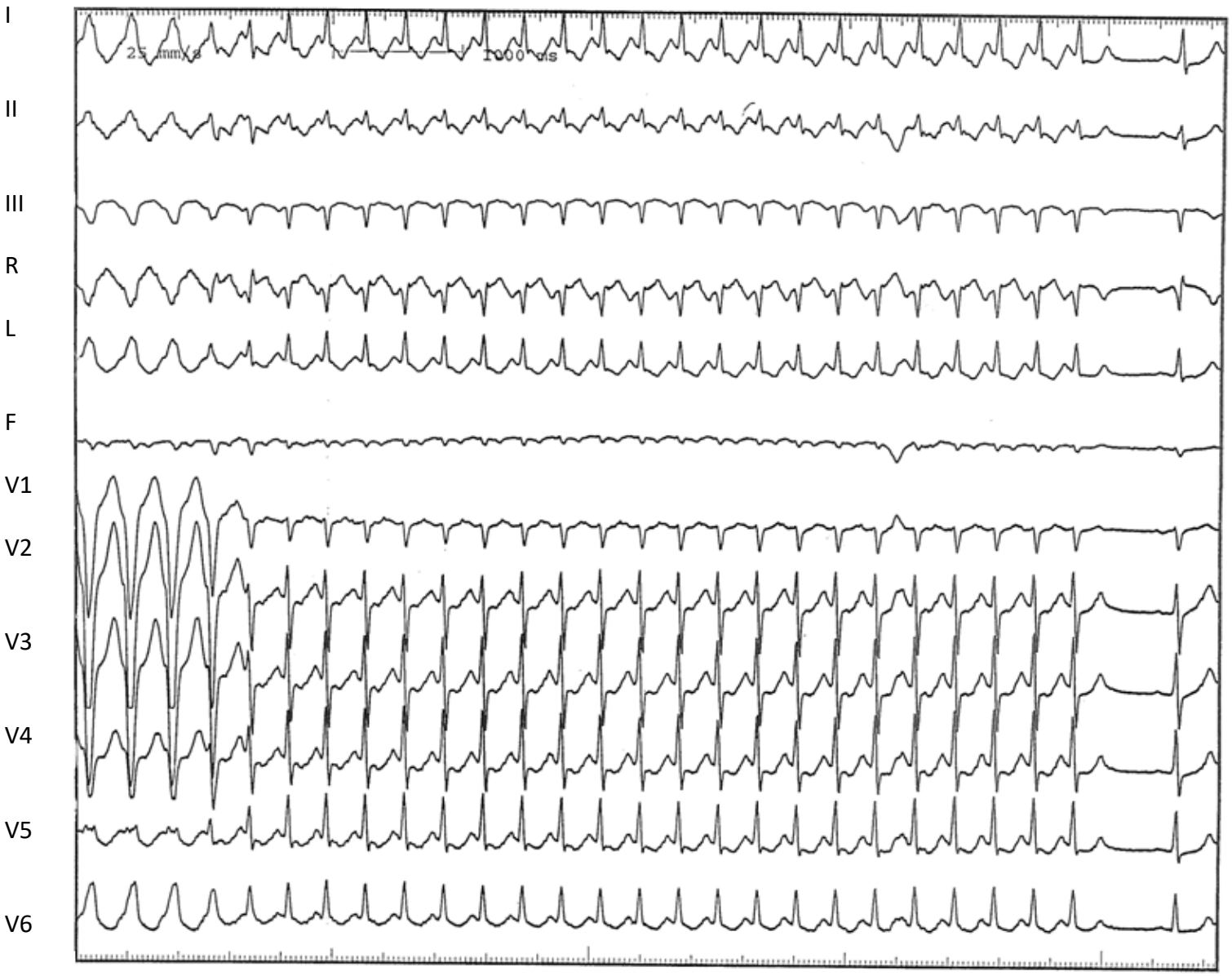
Case 25




A♥
B
25 mm/s
1,00 mV

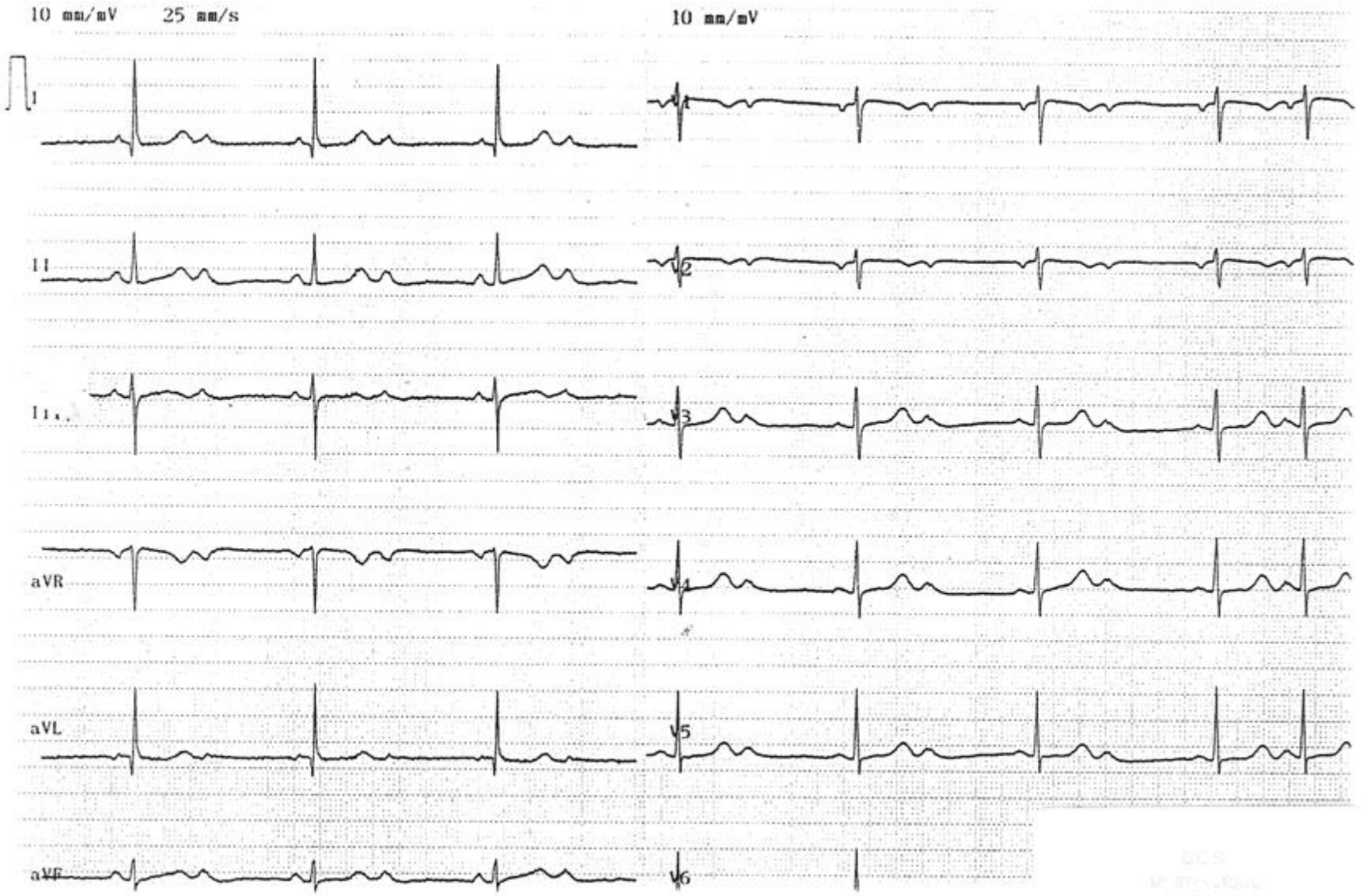
Case 26

CASE 26

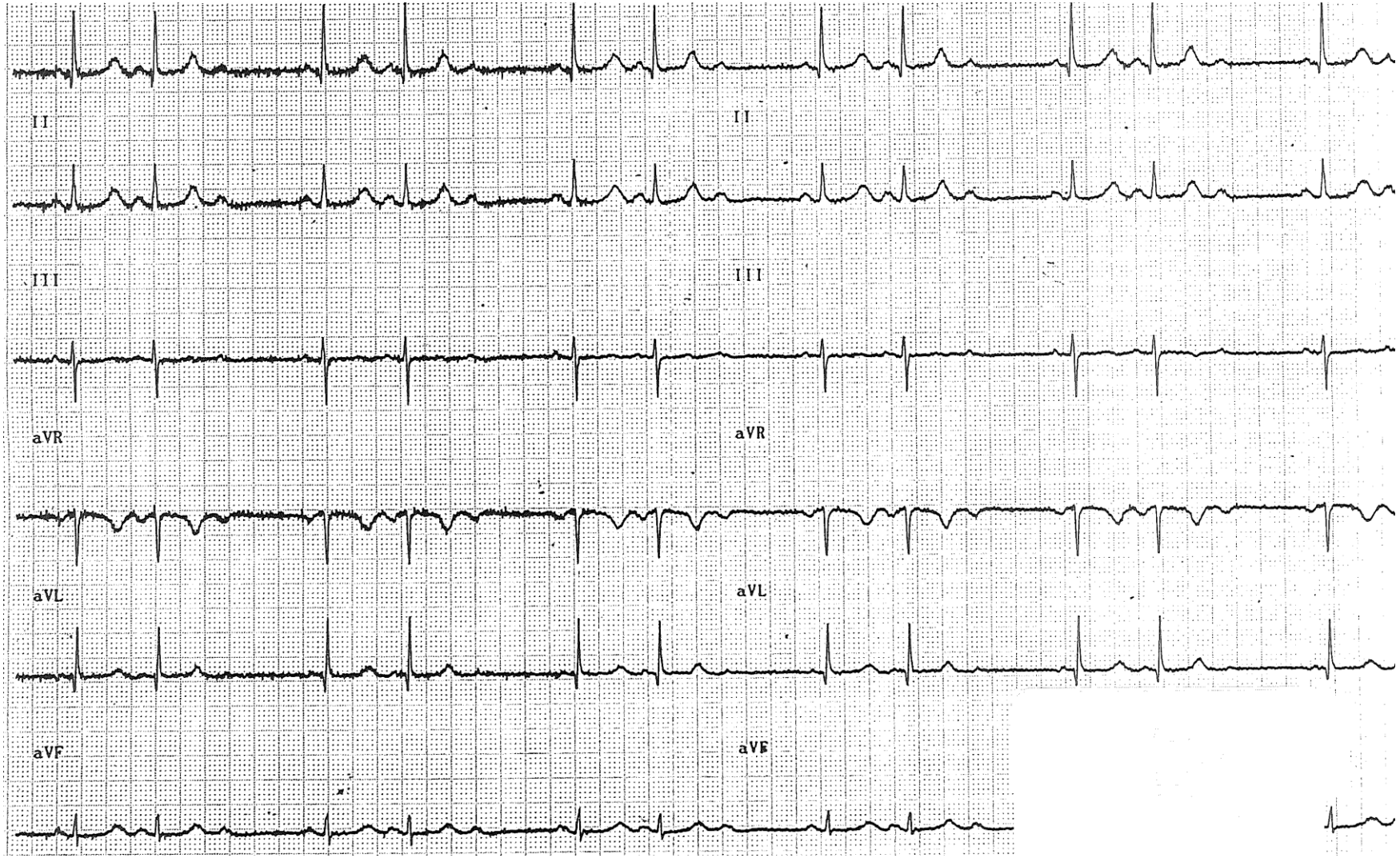


Case 27

CASE 27a

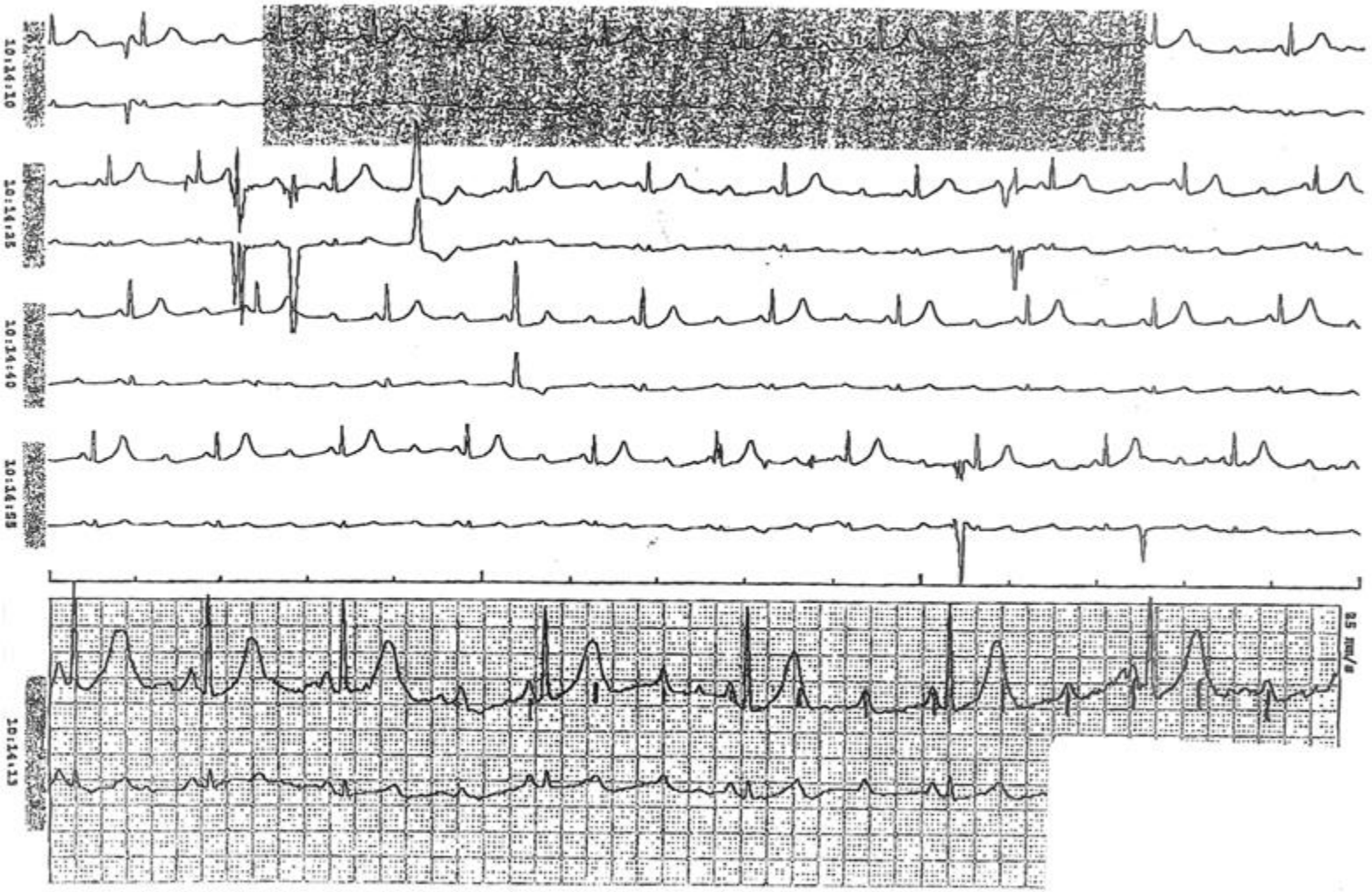


CASE 27b



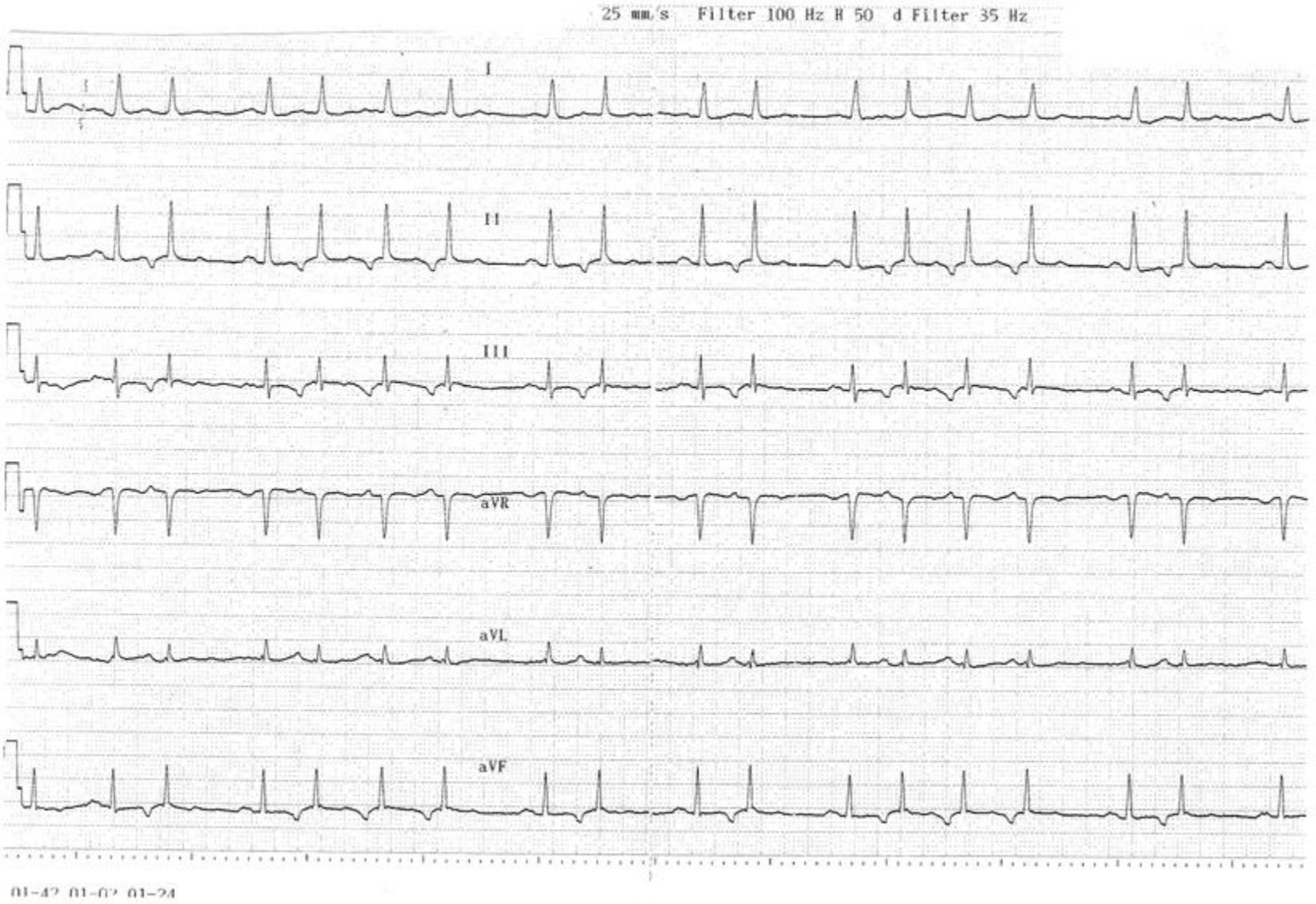
CASE 27c

I forbindelse med trappegang til 2.sal bliver pt. udtalt dyspnøisk og svimmel

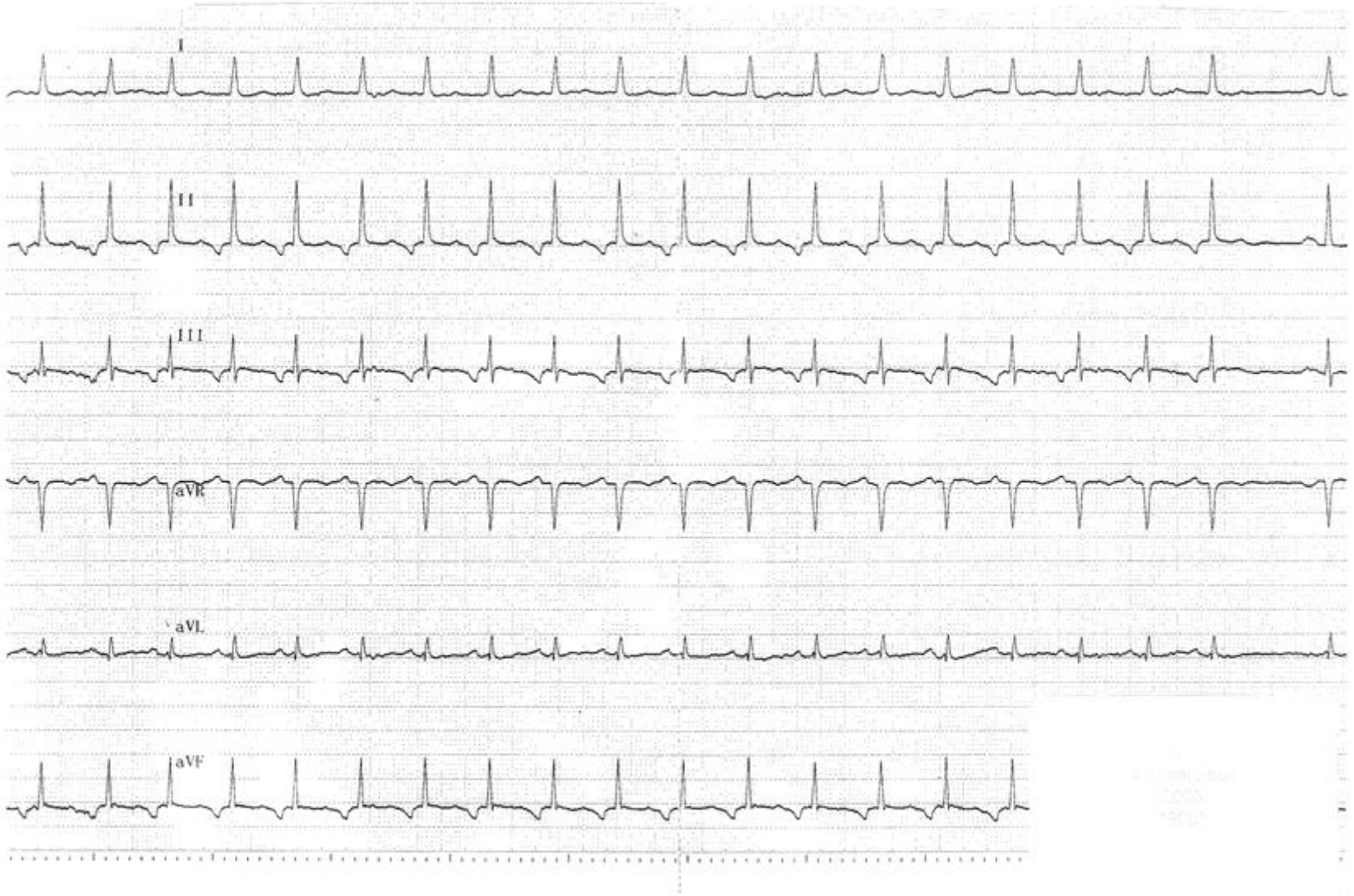


Case 28

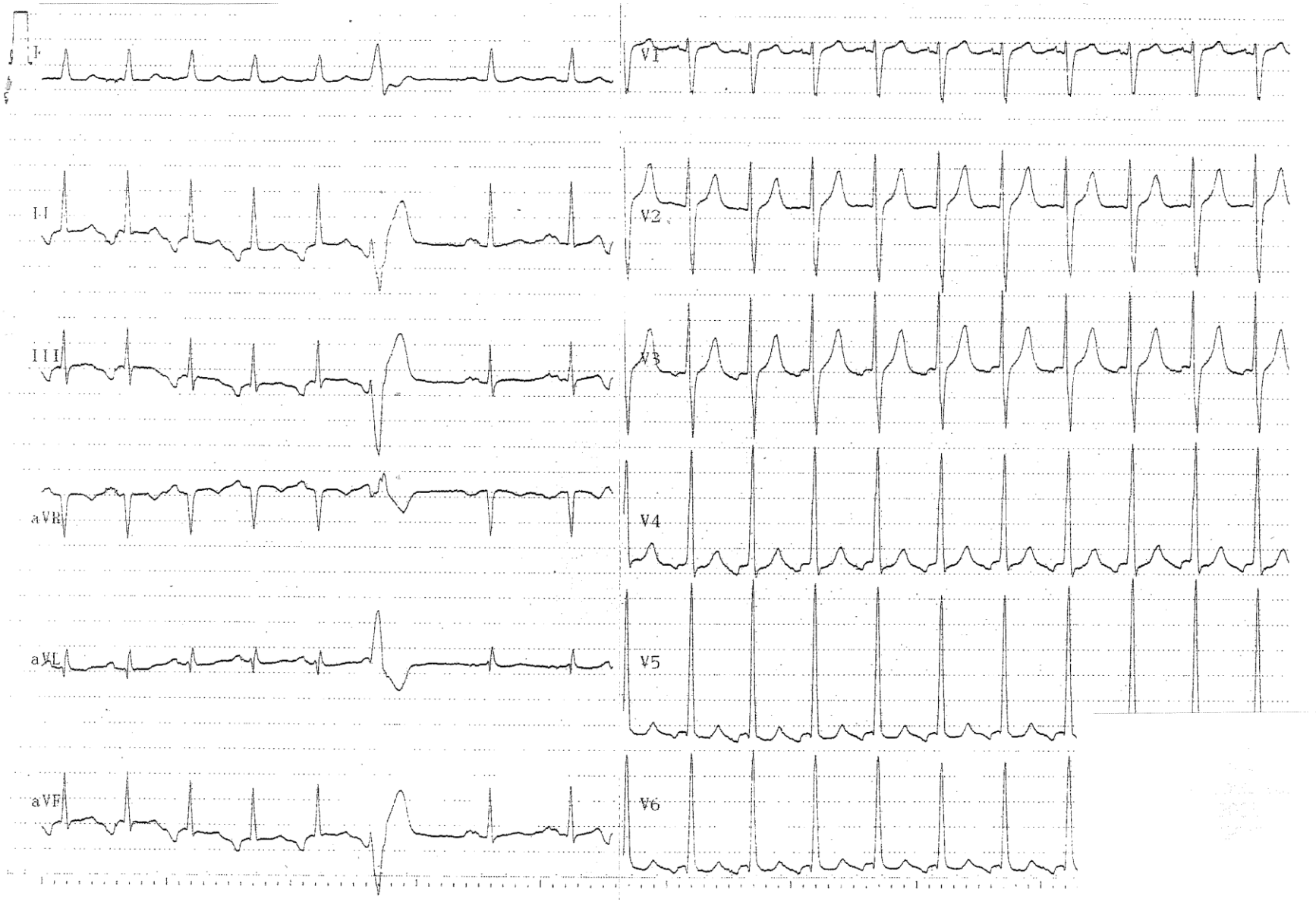
CASE 28a



CASE 28b

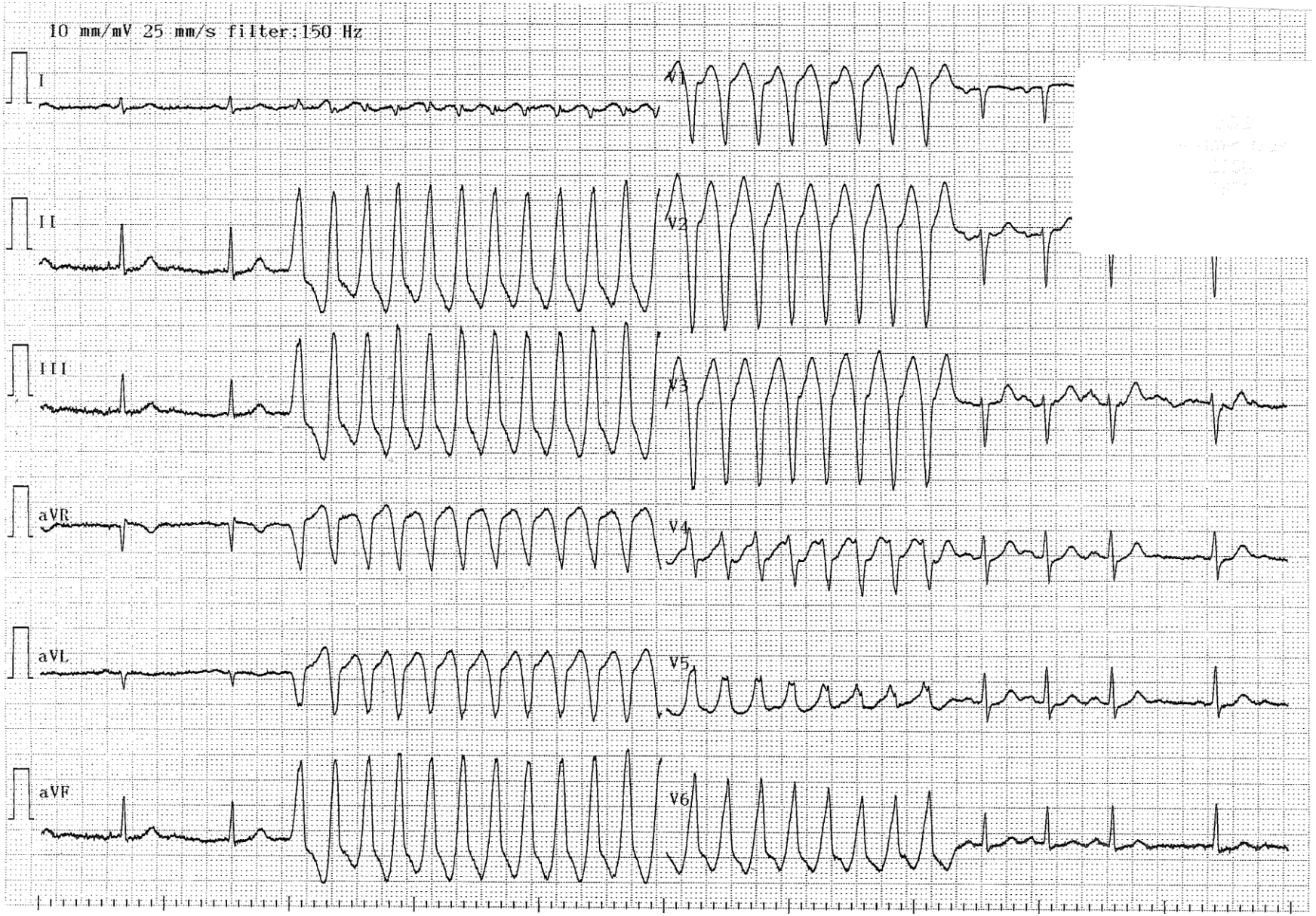


CASE 28c

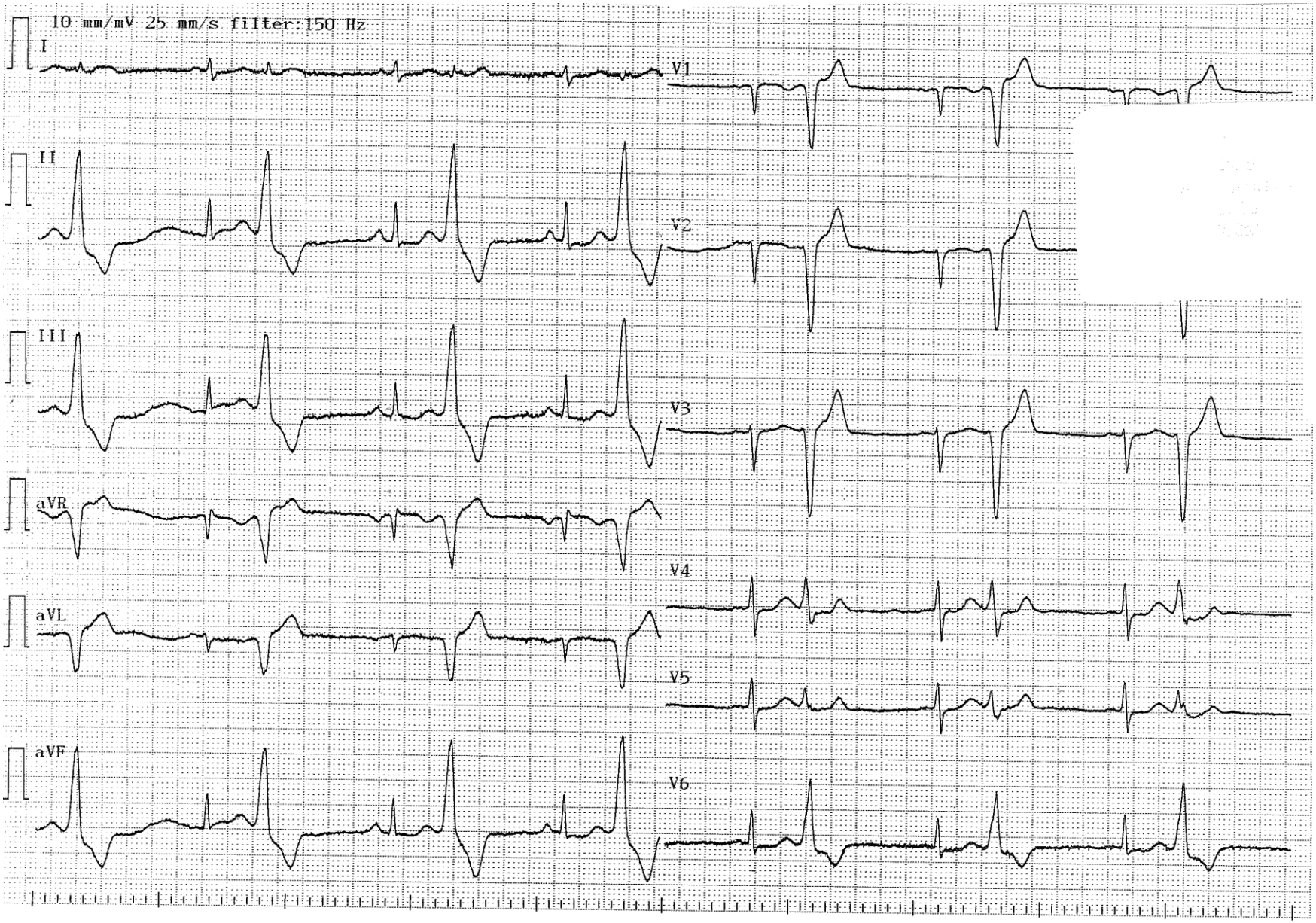


Case 29

CASE 29

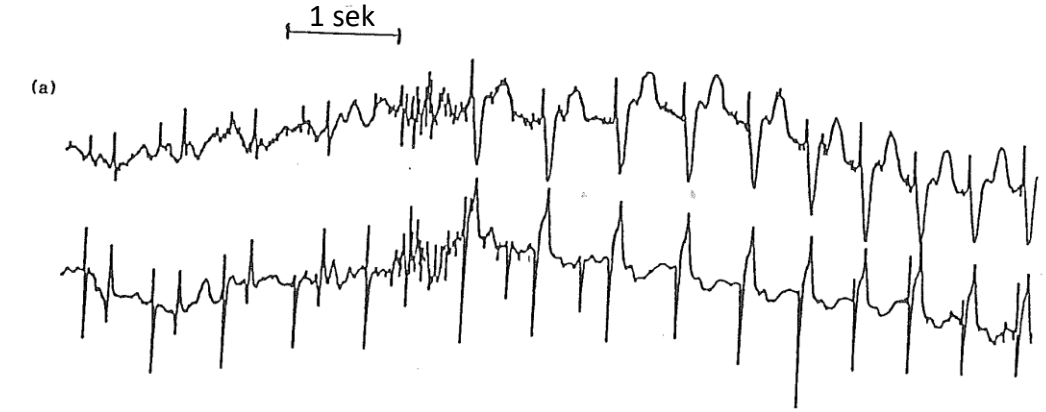


CASE 29a

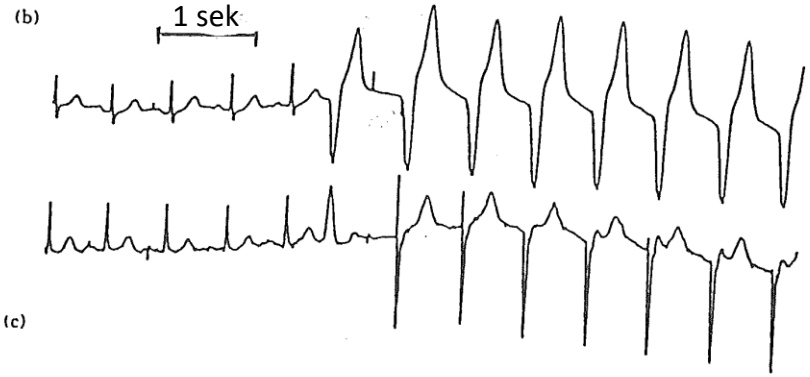


Case 30

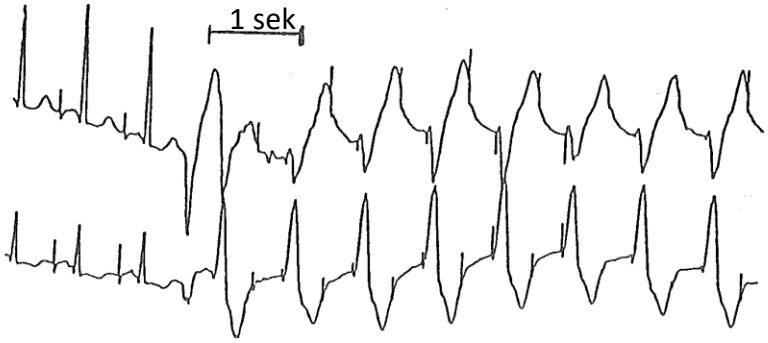
CASE 30



a) DDD-PM
Paced AV=280 ms.
Unipolar atrie-elektorde.
Unipolar ventrikel-elektrode



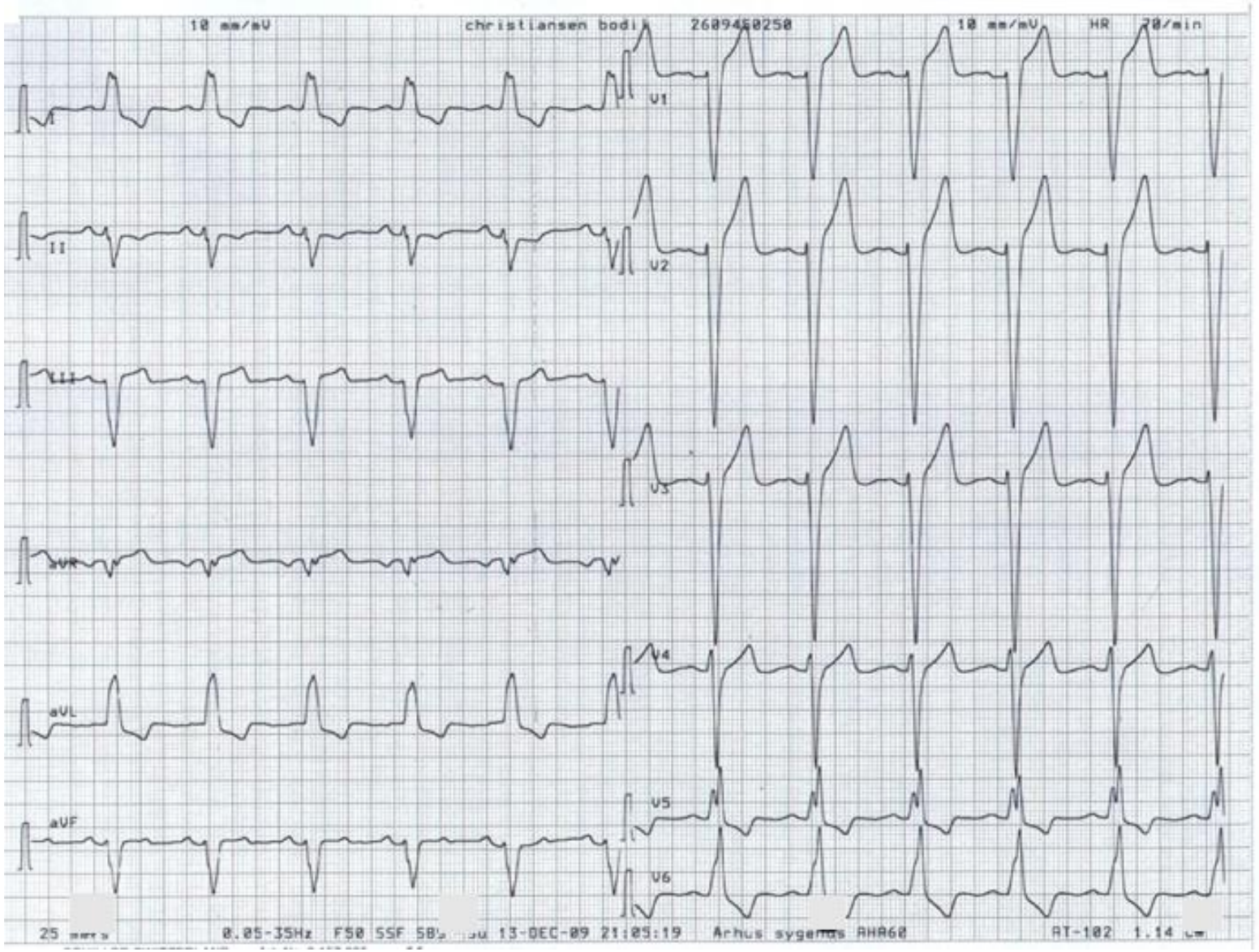
b) DDD-PM
Paced AV=300 ms
Bipolar atrie-elektrode
Unipolar ventrikel-elektrode



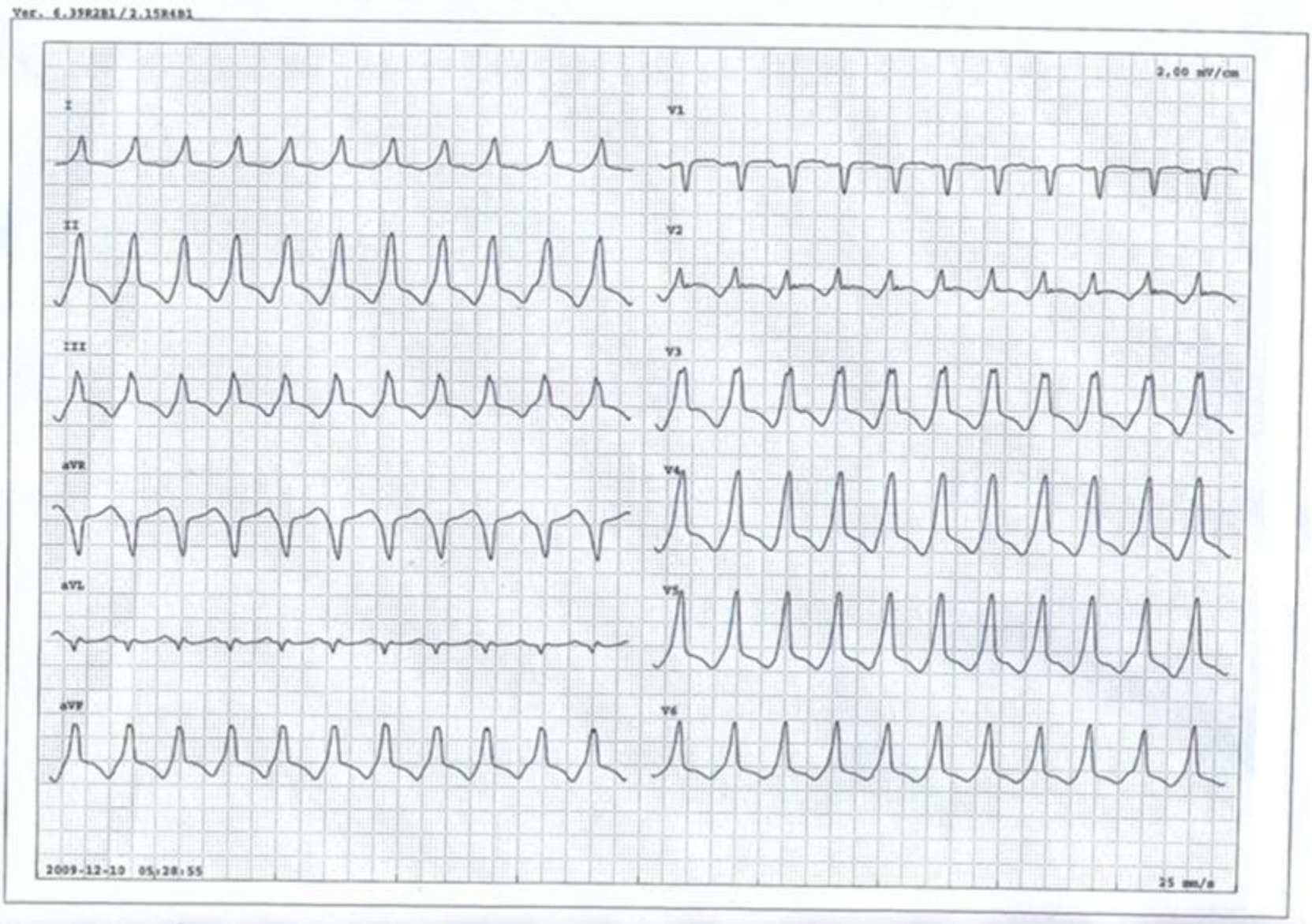
c) DDD-PM
Paced AV=300 ms
Bipolar atrie-elektrode
Unipolar ventrikel-elektrode

Case 31

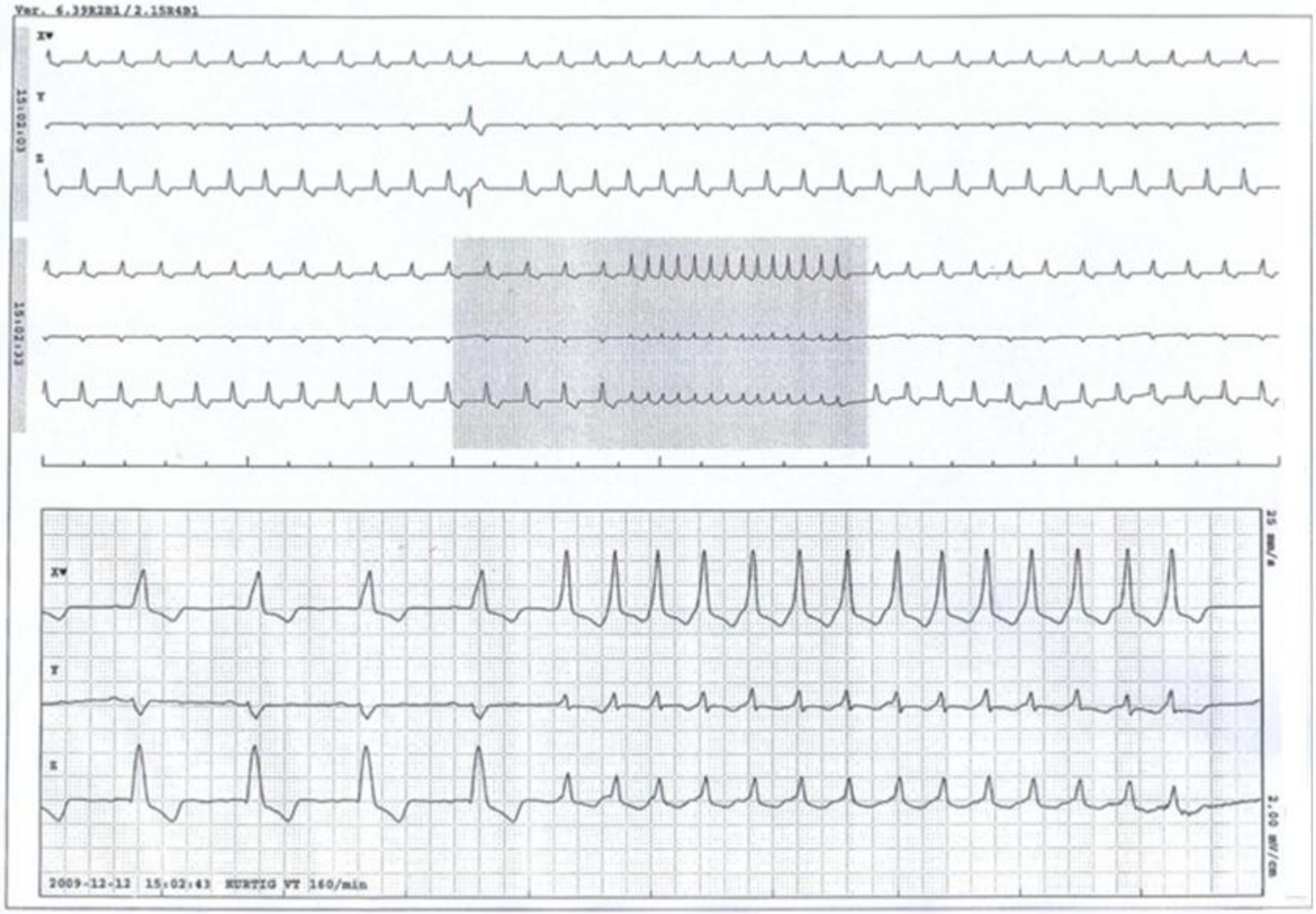
CASE 31a


10 mm/mV
christiansen bodil
2609450250
10 mm/mV
HR 70/min
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s
0.05-35Hz F50 SSF SB
13-DEC-09 21:05:19
Arhus sygehus AHA60
AT-102 1.14

CASE 31b


Ver. 6.359281/2.159481
2,00 mV/cm
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
2009-12-10 05:28:55
25 mm/s

CASE 31c


Ver. 6.39R2B1/2.15R4B1
aVF
V
I
15:02:03
15:02:33
aVF
V
I
25 mm/s
2.00 mV/cm
2009-12-12 15:02:43 KURTIG VT 160/min

Case 32

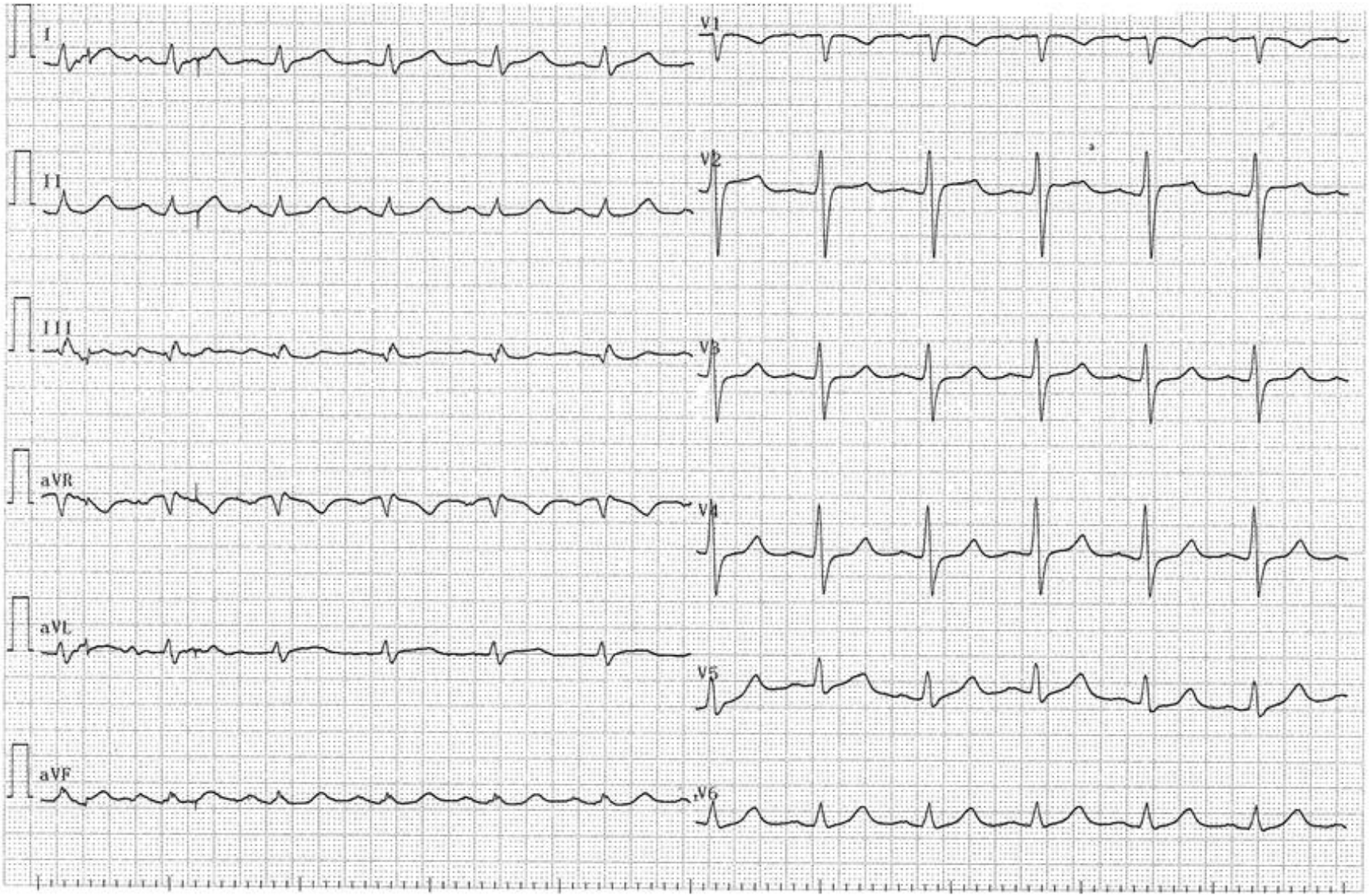
CASE 32


1-I
25 mm/S
1000 ms
25-II
26-III
27-aVR
28-aVL
2-aVF
3-V1
29-V2
30-V3
31-V4
32-V5
4-V6

Case 33

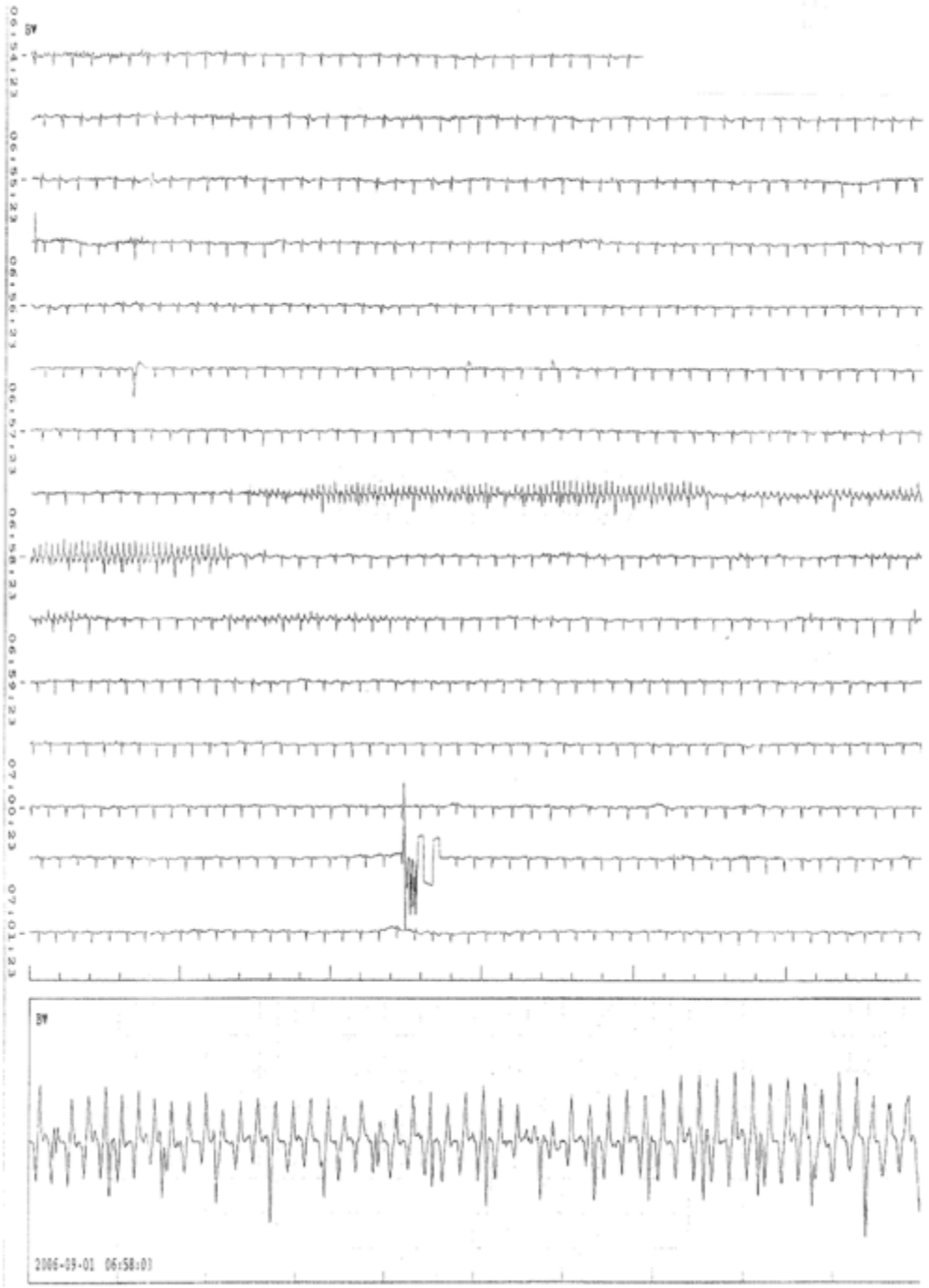
CASE 33a

CASE 33b



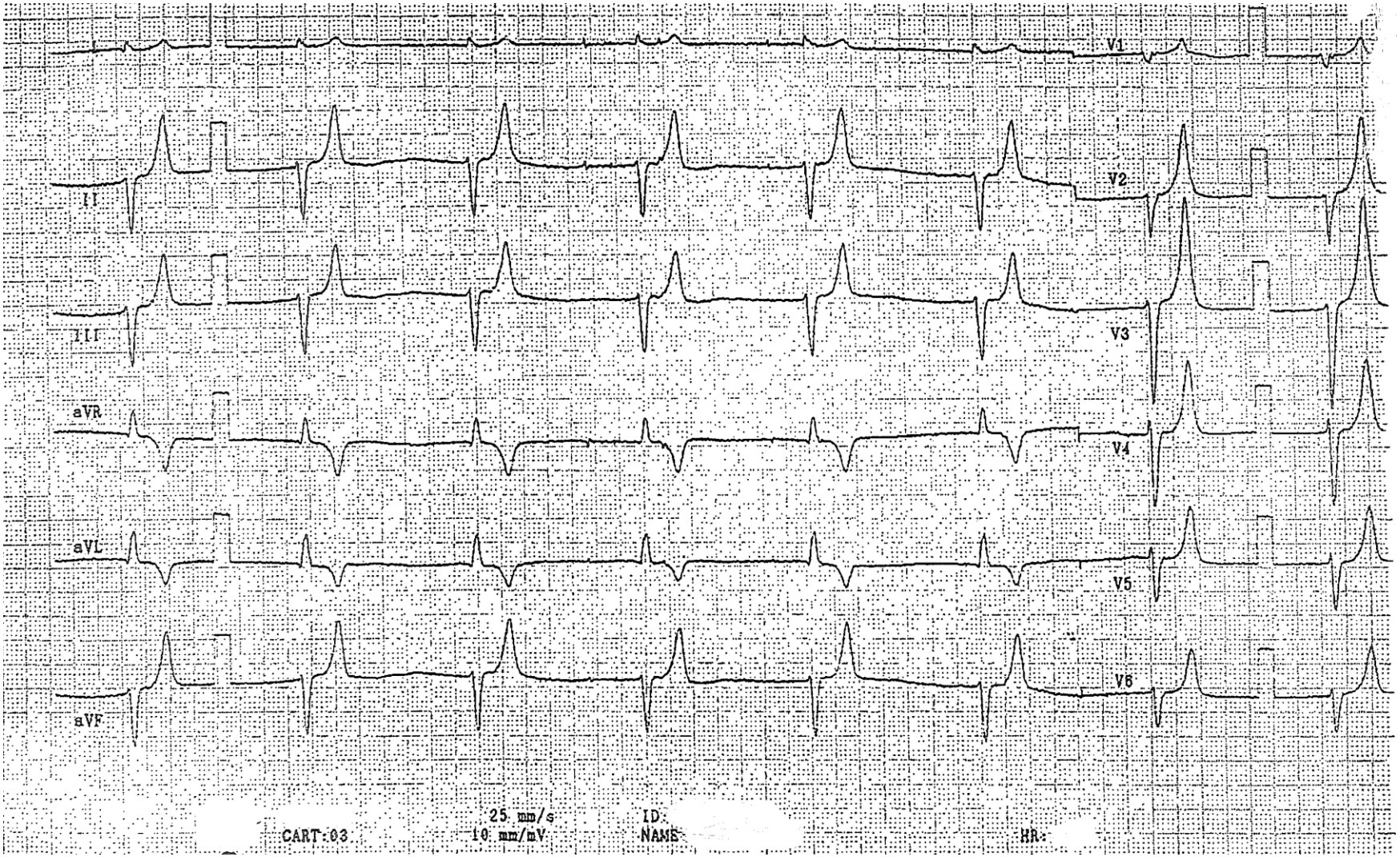
Case 34

CASE 34



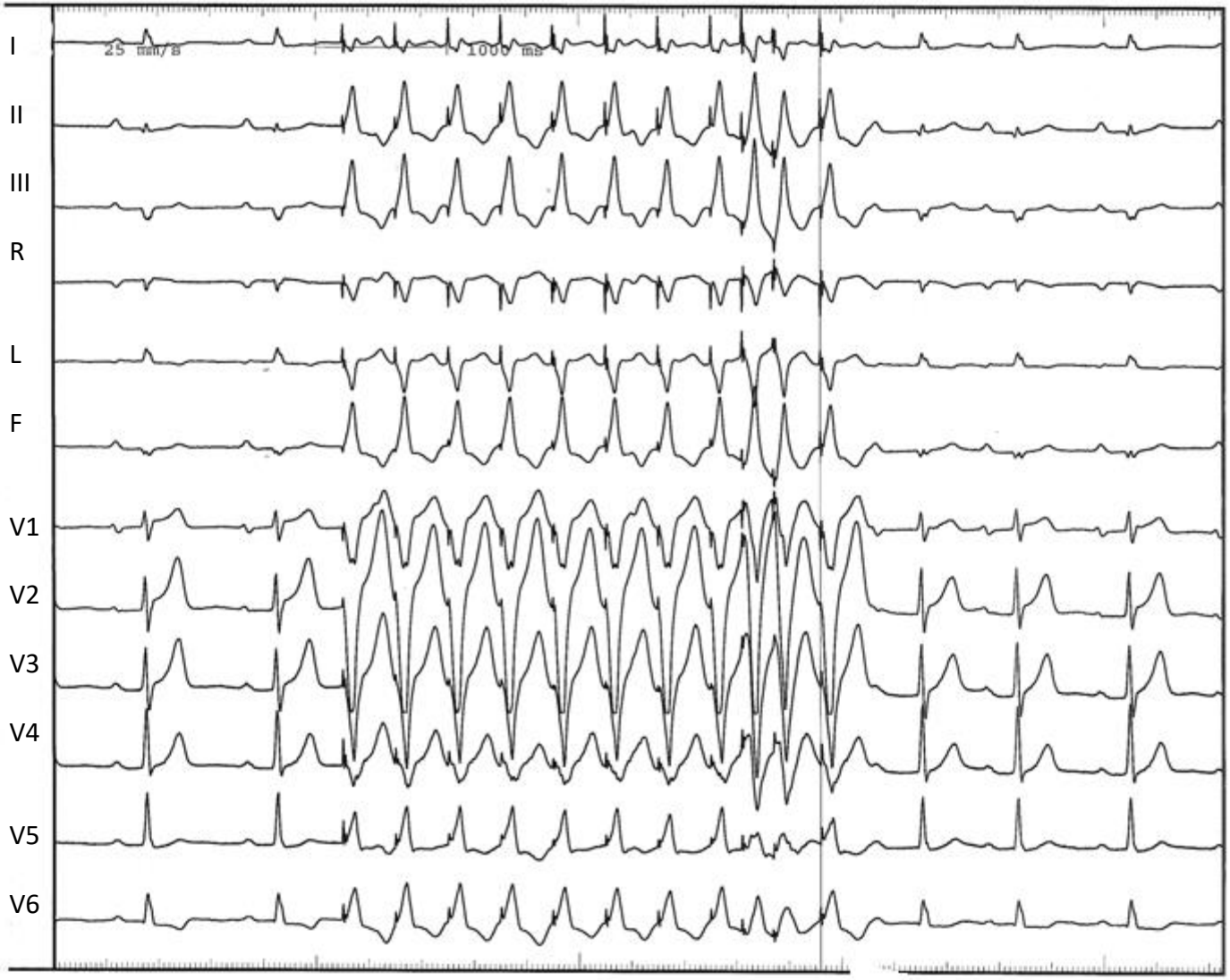
Case 35

CASE 35


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
CART:03
25 mm/s
10 mm/mV
ID:
NAME
HR:

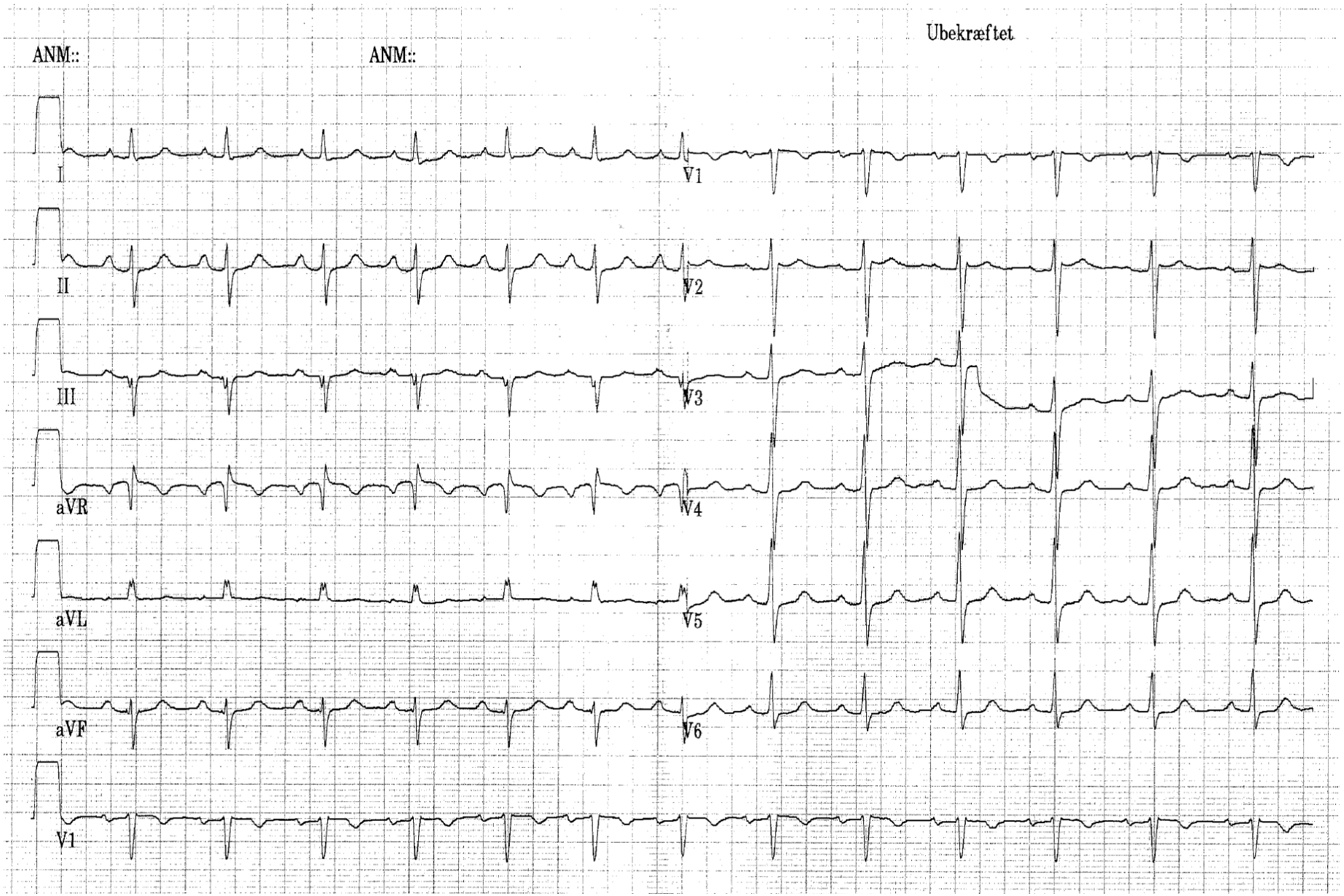
Case 36

CASE 36

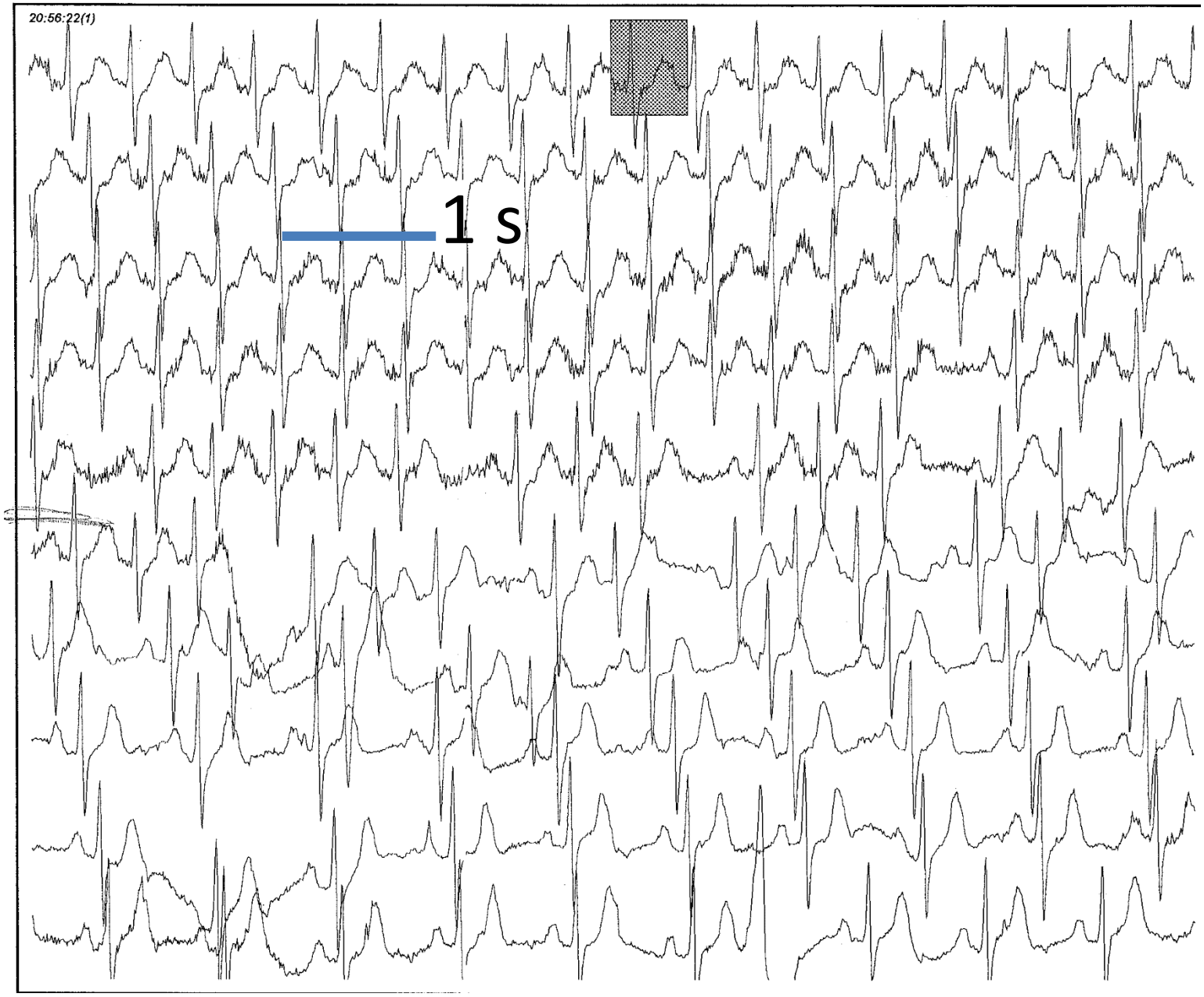


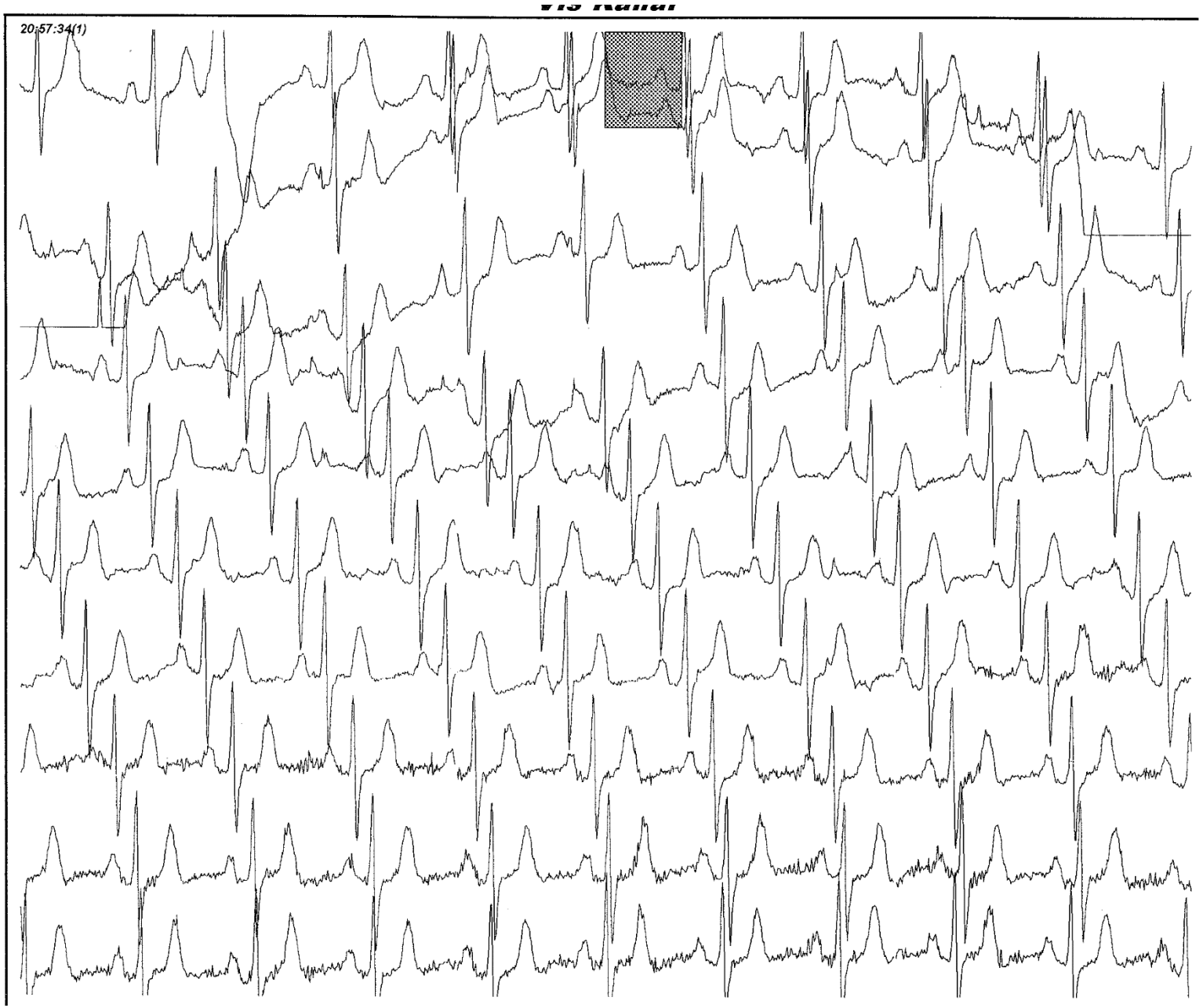
Case 37

37. Baseline-EKG



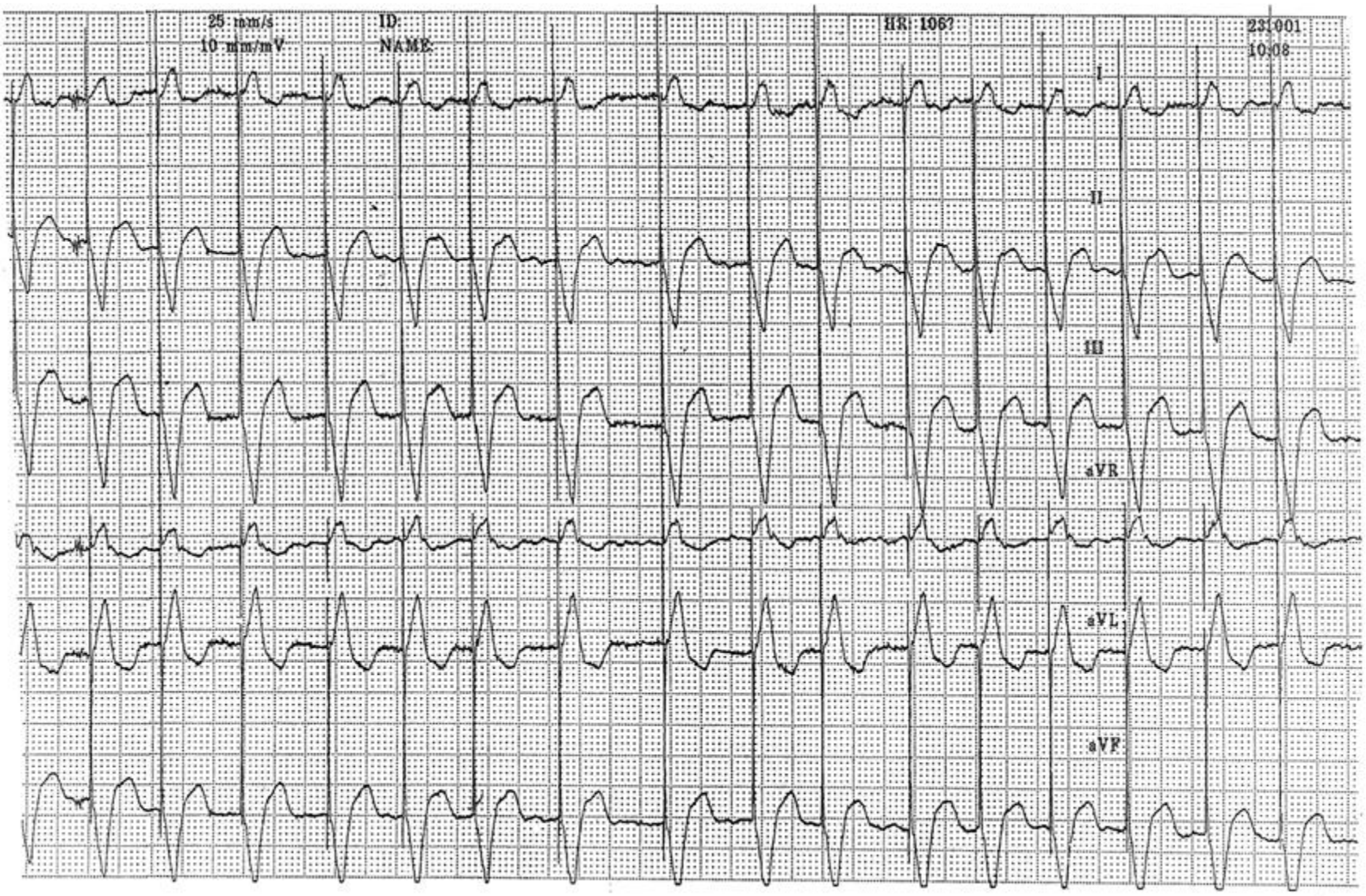
Under arbejdstest




20:57:34(1)

Case 38

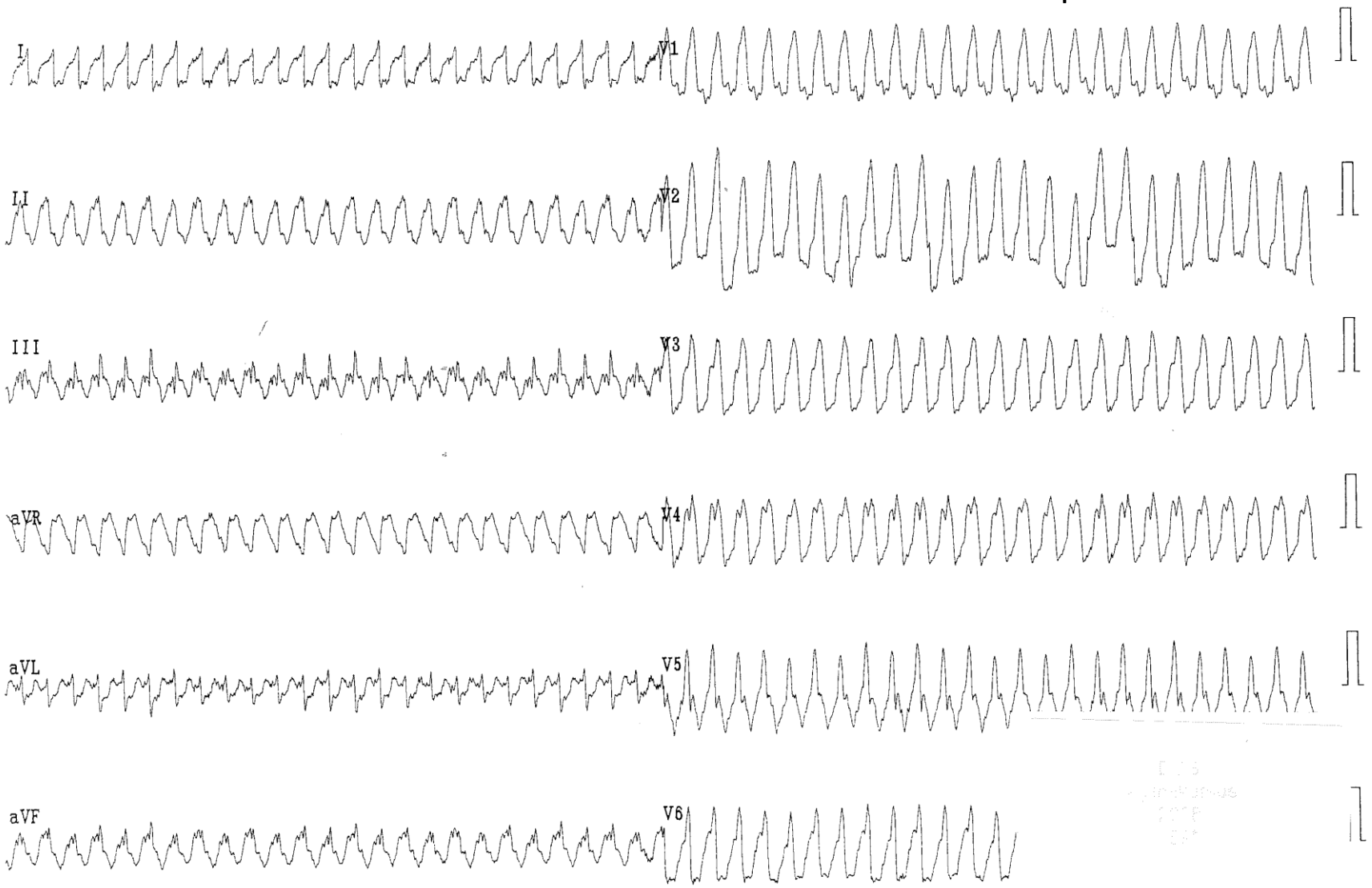
CASE 38



Case 39

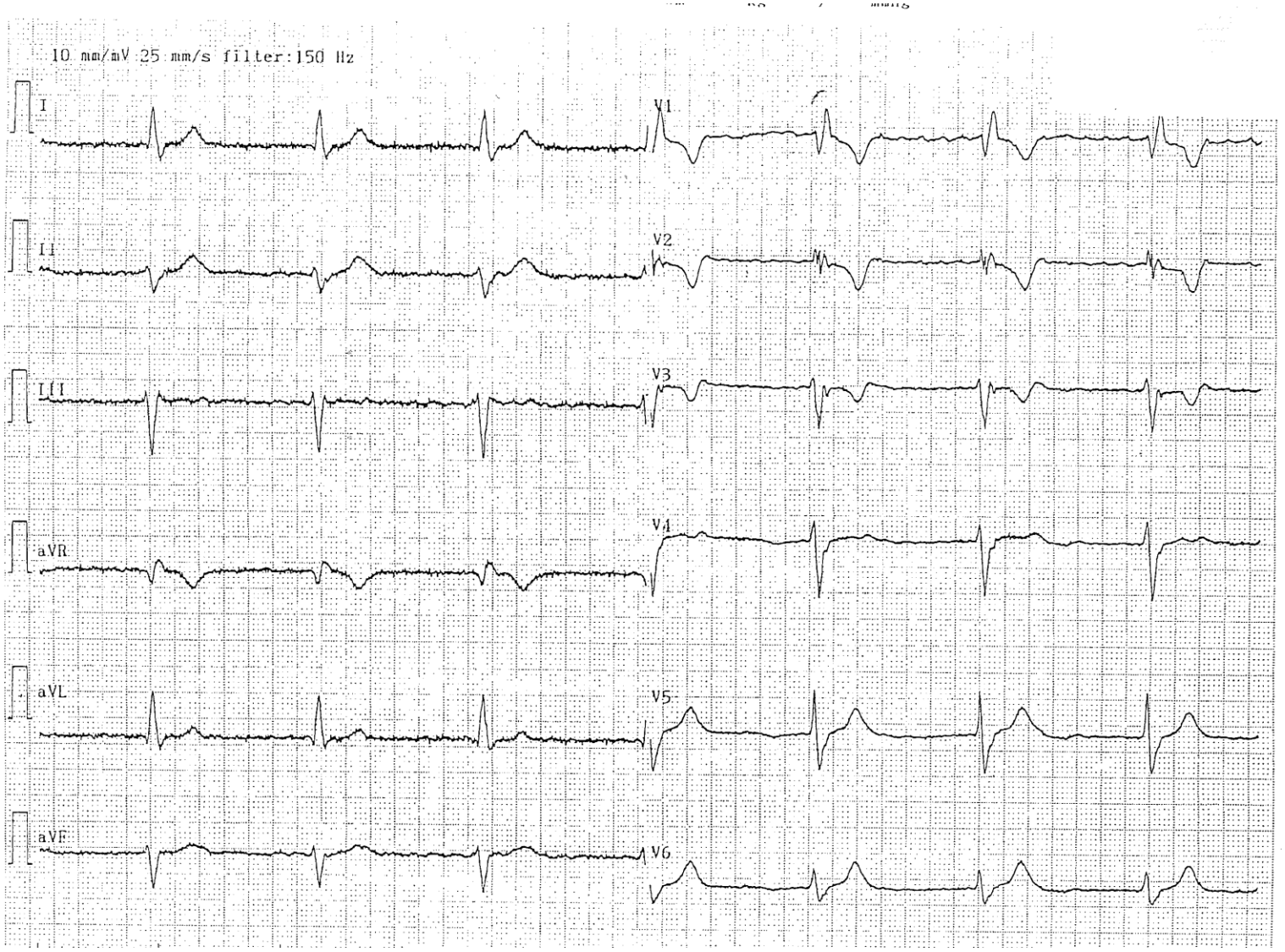
CASE 39

ca. 280 bpm

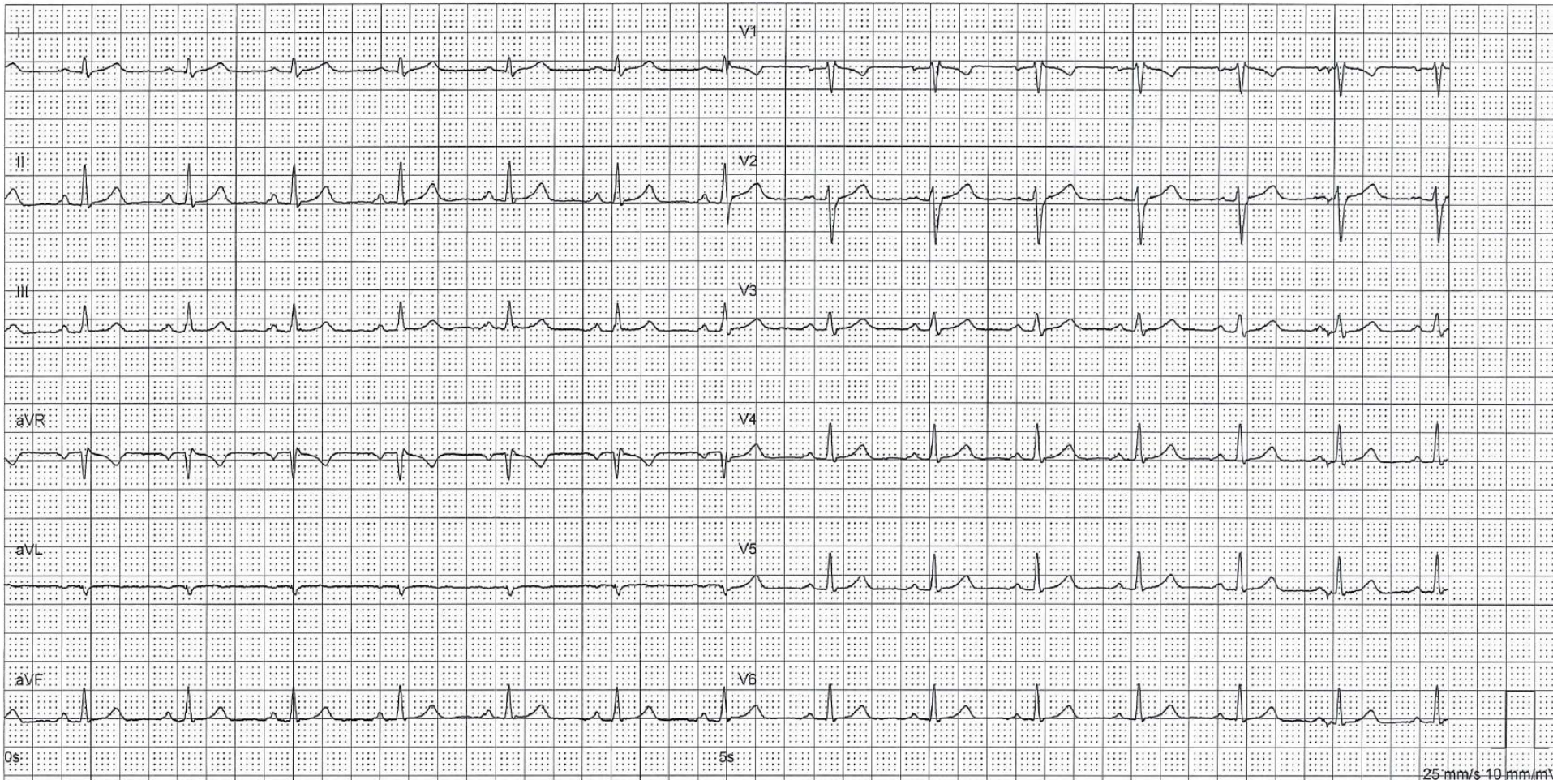


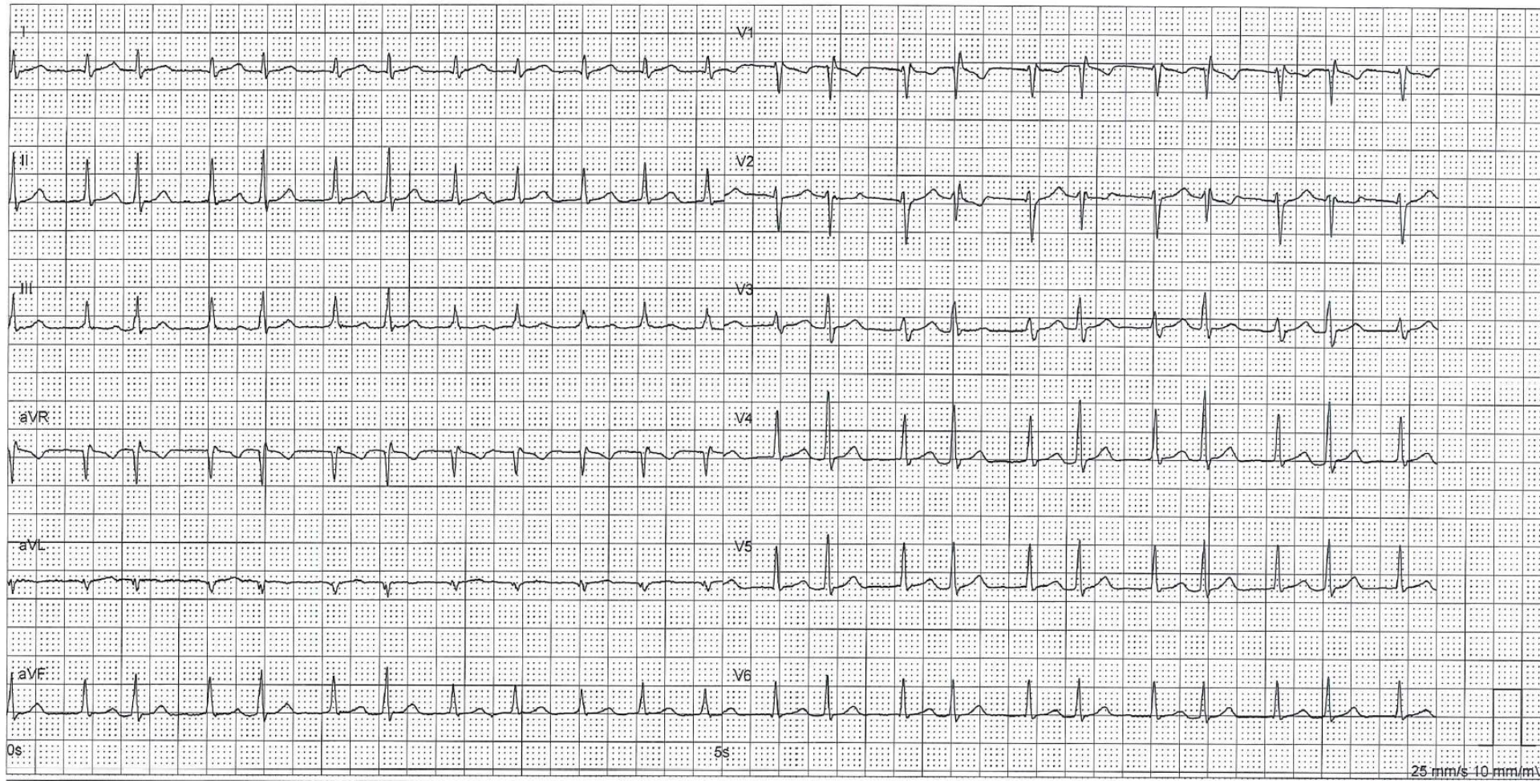
Case 40

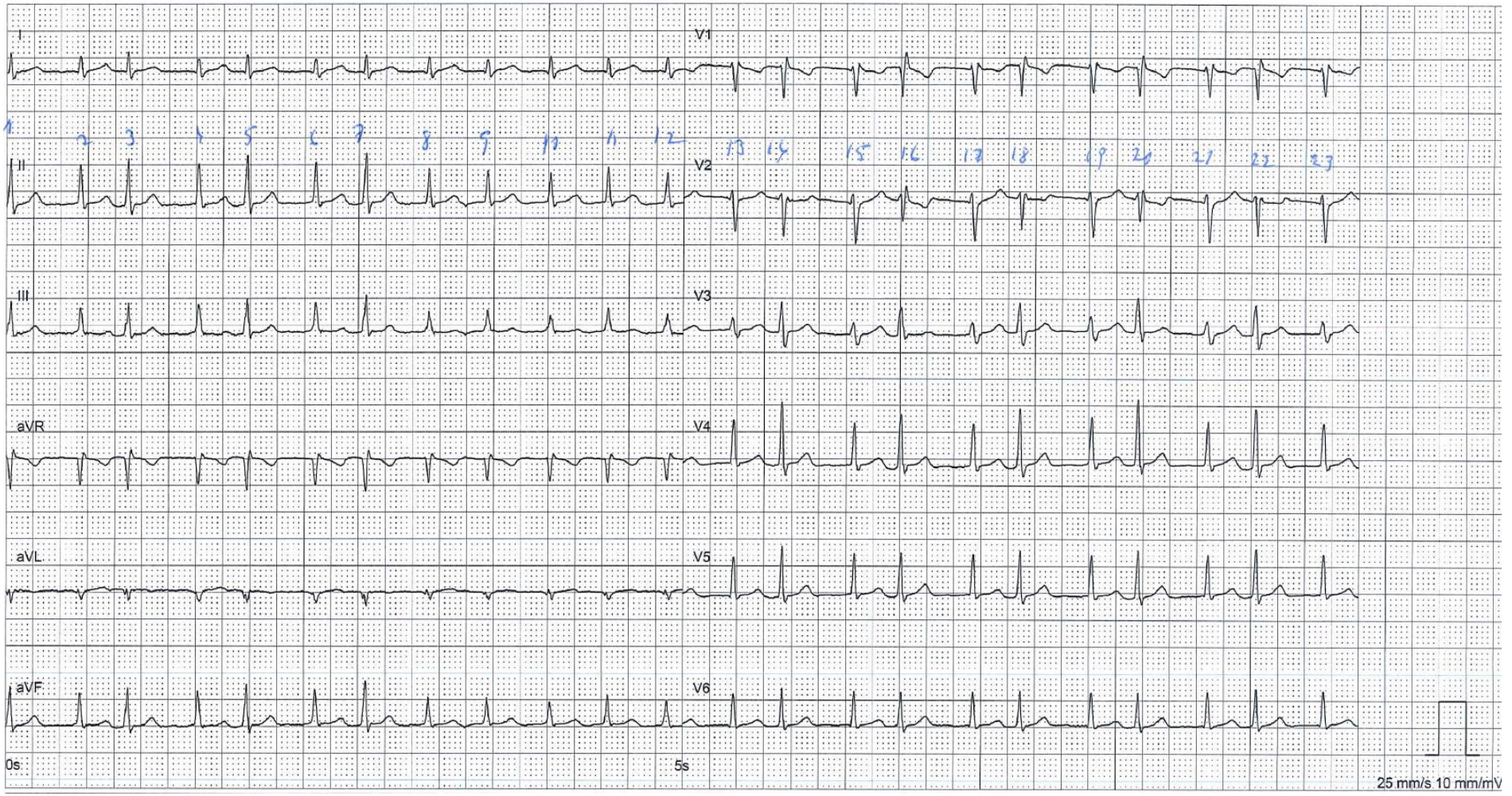
CASE 40



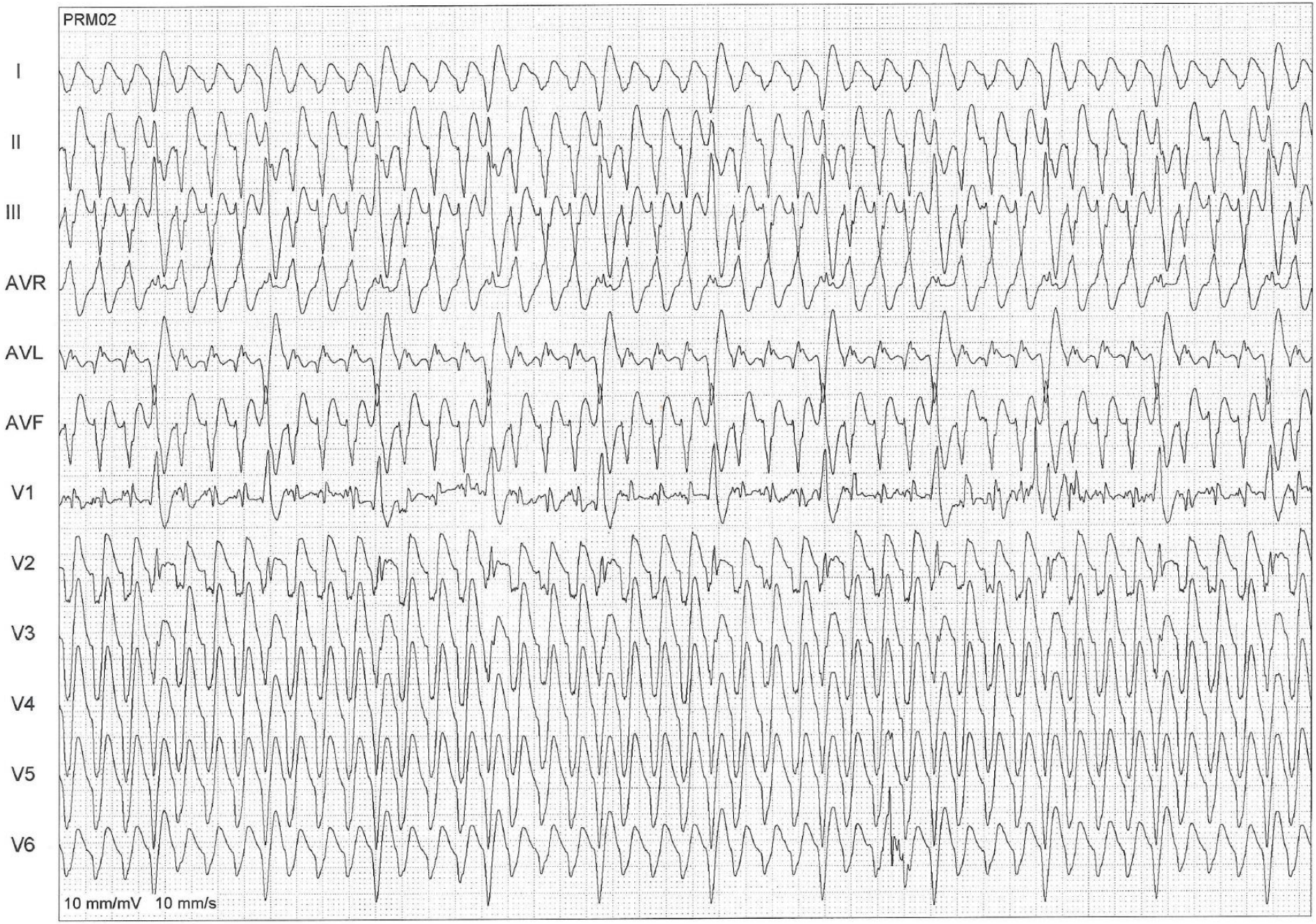
Case 41


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
0s
5s
25 mm/s 10 mm/mV


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
0s
5s
25 mm/s 10 mm/m

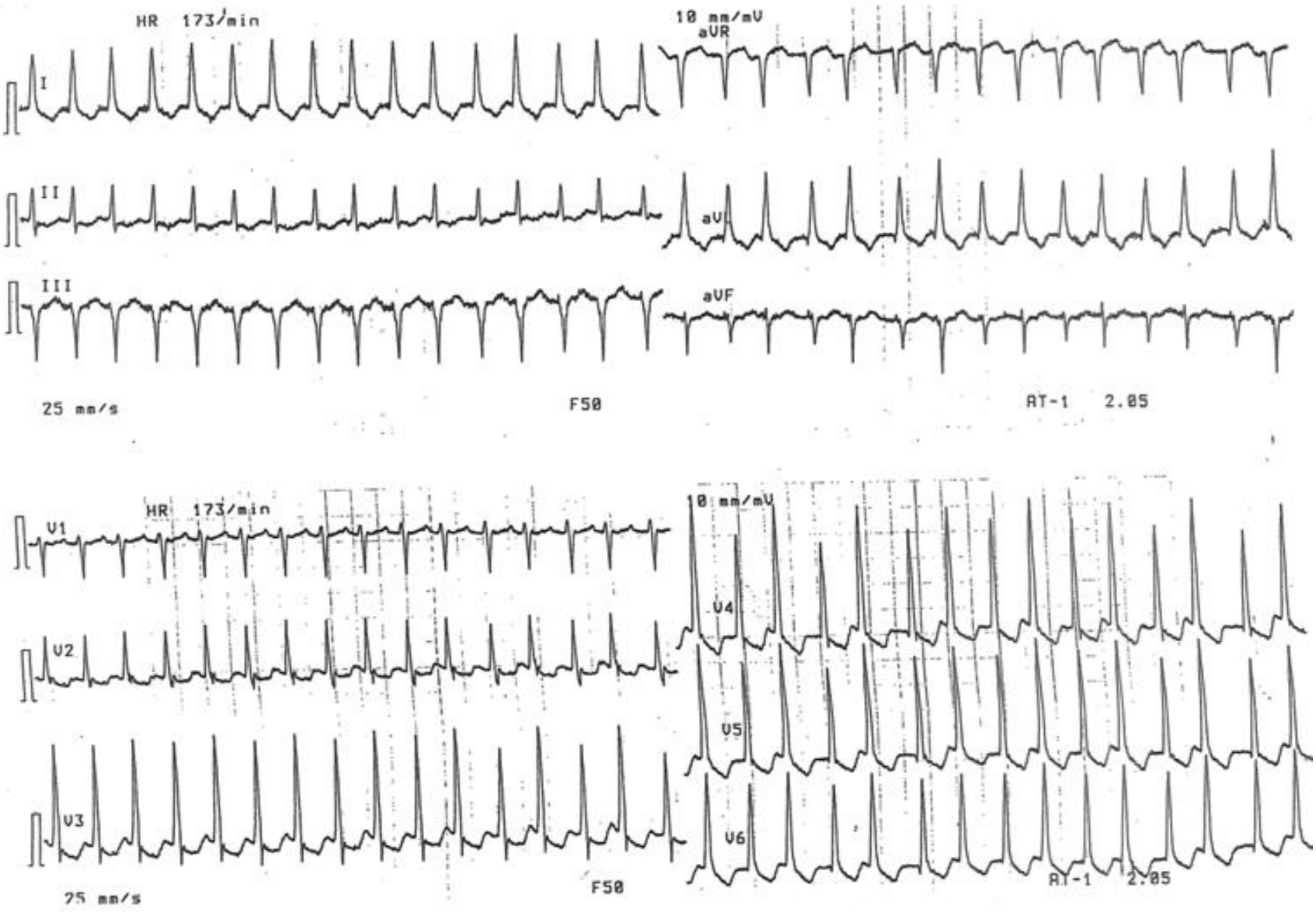

I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
0s
5s
25 mm/s 10 mm/mV

Case 42

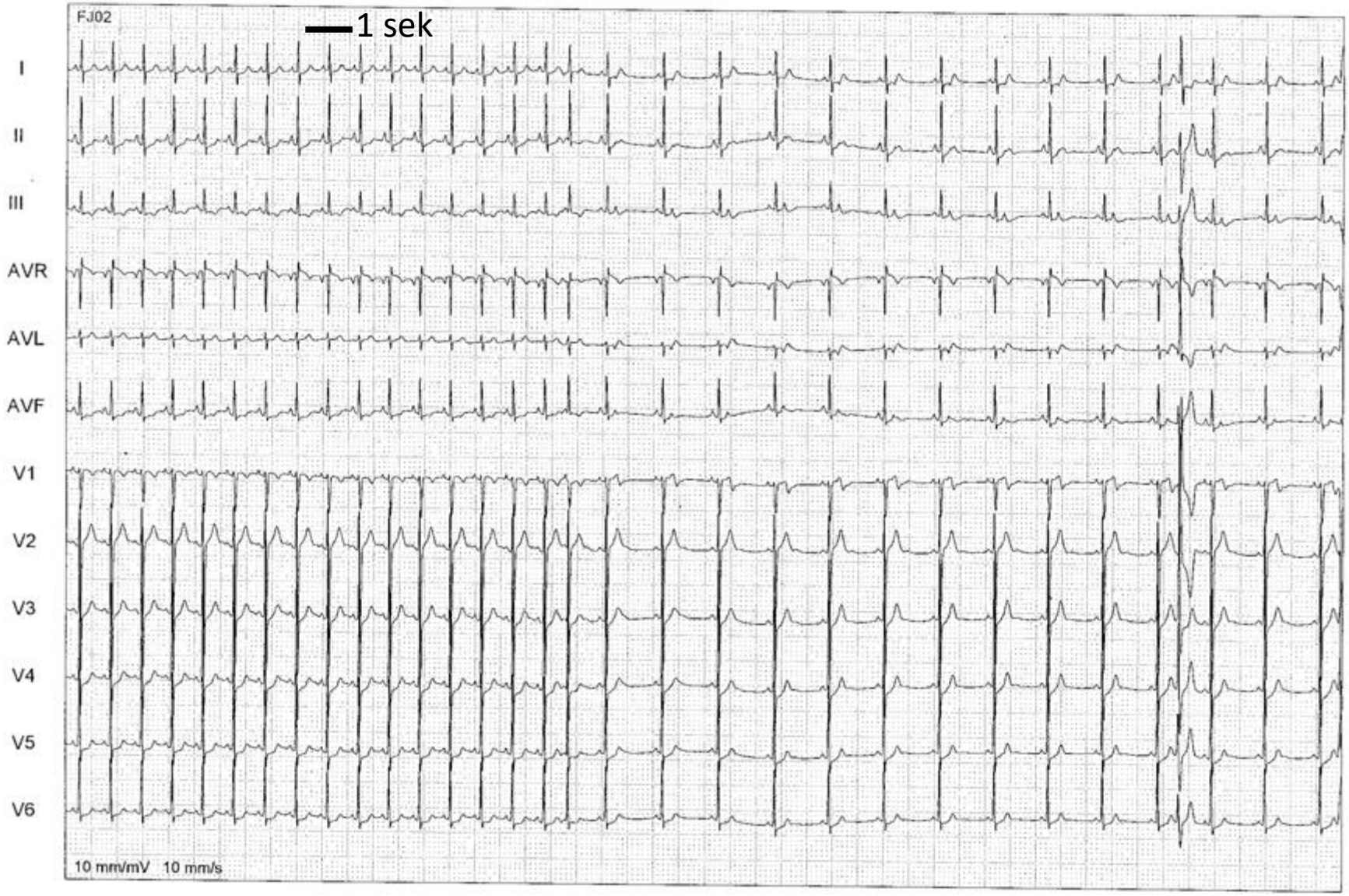

PRM02
I
II
III
AVR
AVL
AVF
V1
V2
V3
V4
V5
V6
10 mm/mV 10 mm/s

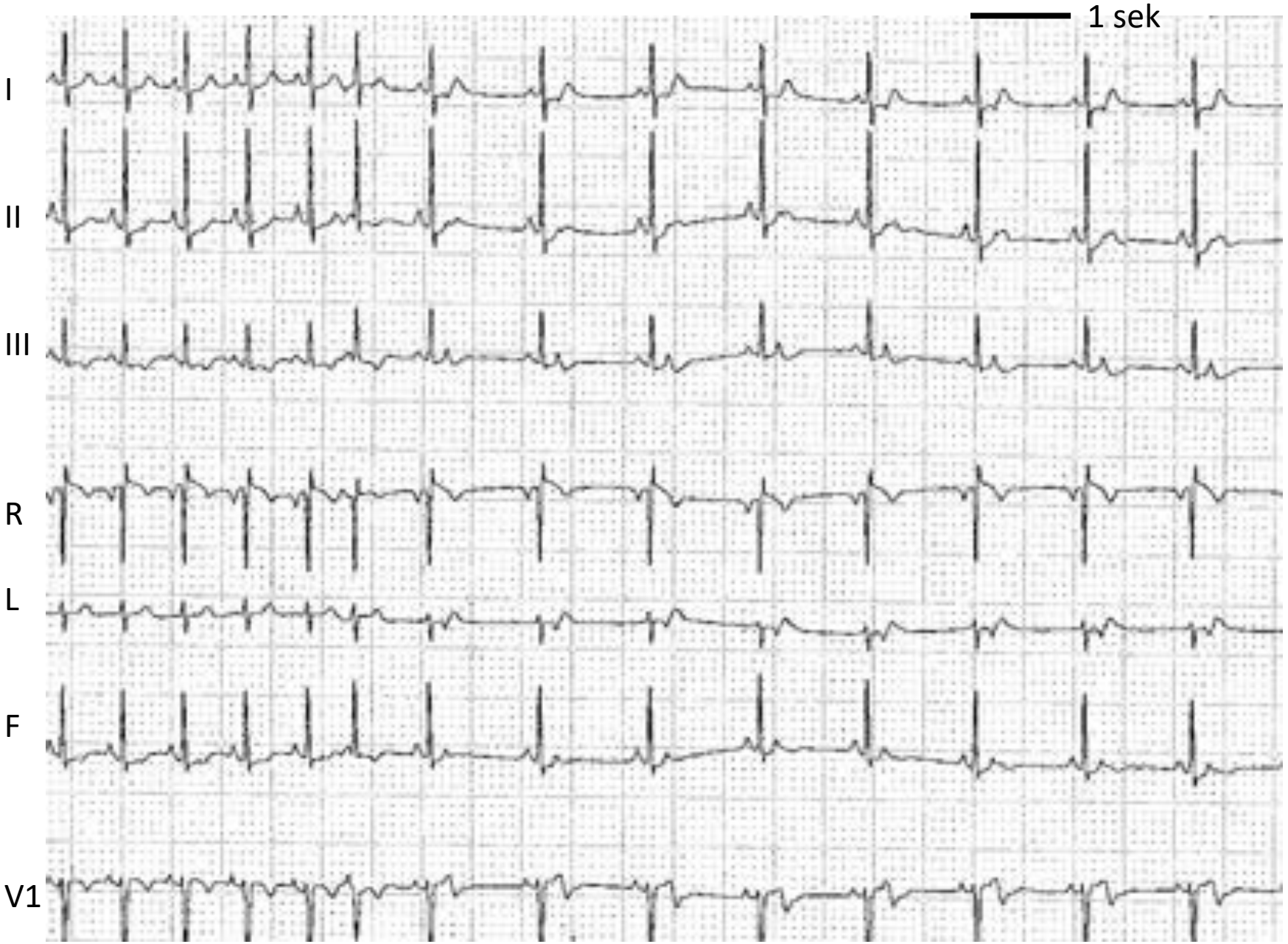

PRM02
I
II
III
AVR
AVL
AVF
V1
V2
V3
V4
V5
V6
10 mm/mV 25 mm/s

Case 43


HR 173/min
10 mm/mV
I
aVR
II
aV
III
aVF
25 mm/s
F50
AT-1 2.05
HR 173/min
10 mm/mV
V1
V4
V2
V5
V3
V6
25 mm/s
F50
AT-1 2.05

Case 44


FJ02
1 sek
I
II
III
AVR
AVL
AVF
V1
V2
V3
V4
V5
V6
10 mm/mV 10 mm/s


1 sek
I
II
III
R
L
F
V1

Case 45

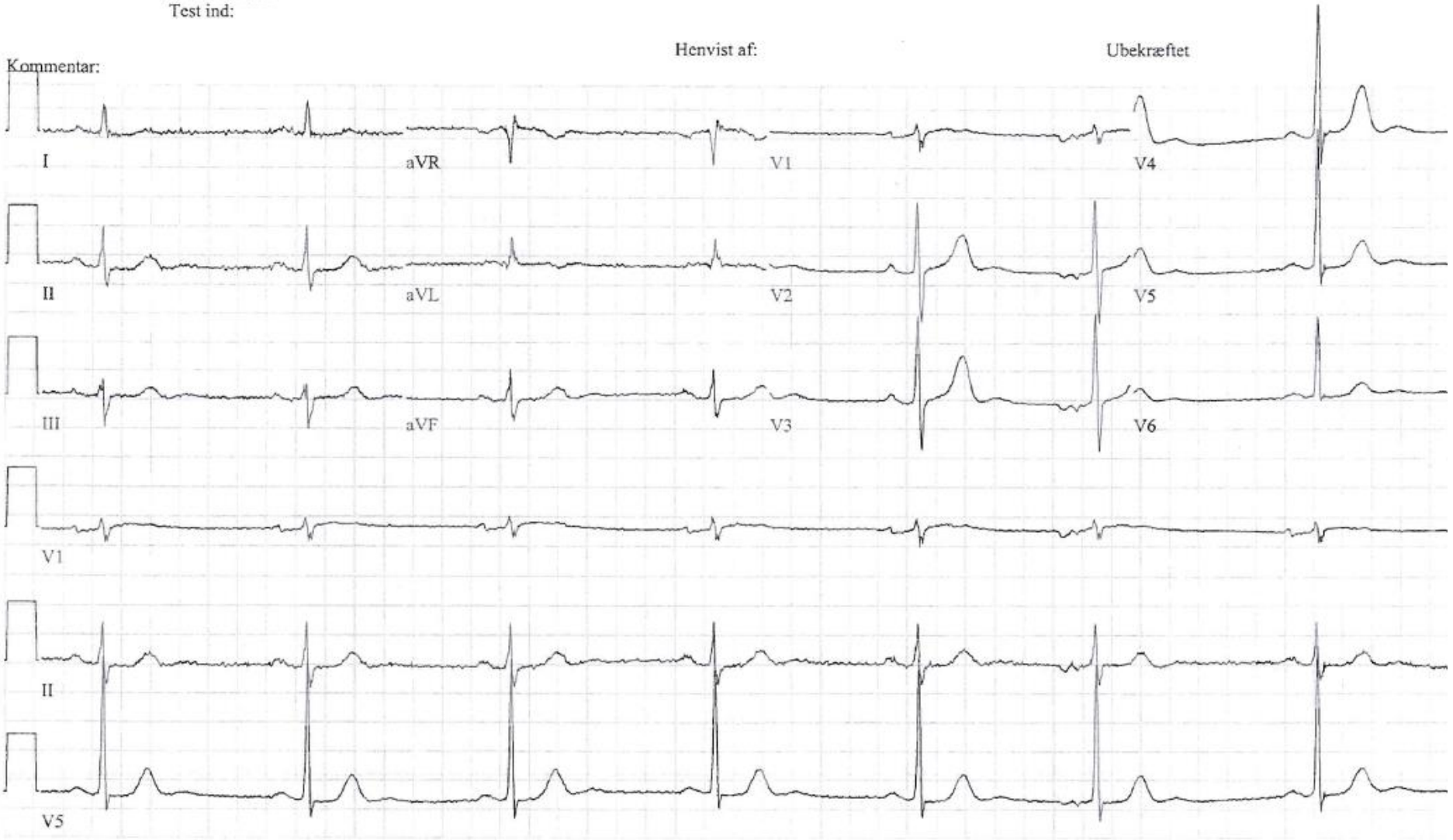

I
aVR
V1
II
aVL
V2
III
aVF
V3
V1
II
V5

Tekniker: siih
Test ind:

Henvist af:

Ubekræftet

Kommentar:

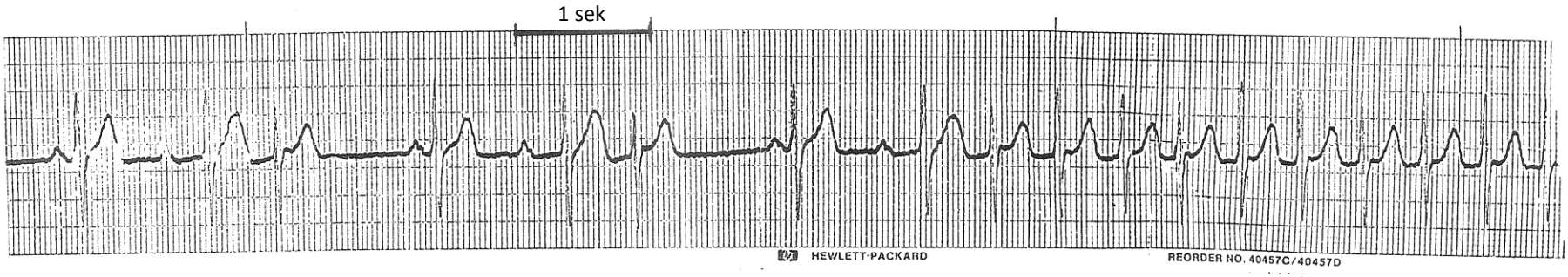


25mm/s 10mm/mV 150Hz 8.0.1 12SL 241 HD Vogn-ID: 1

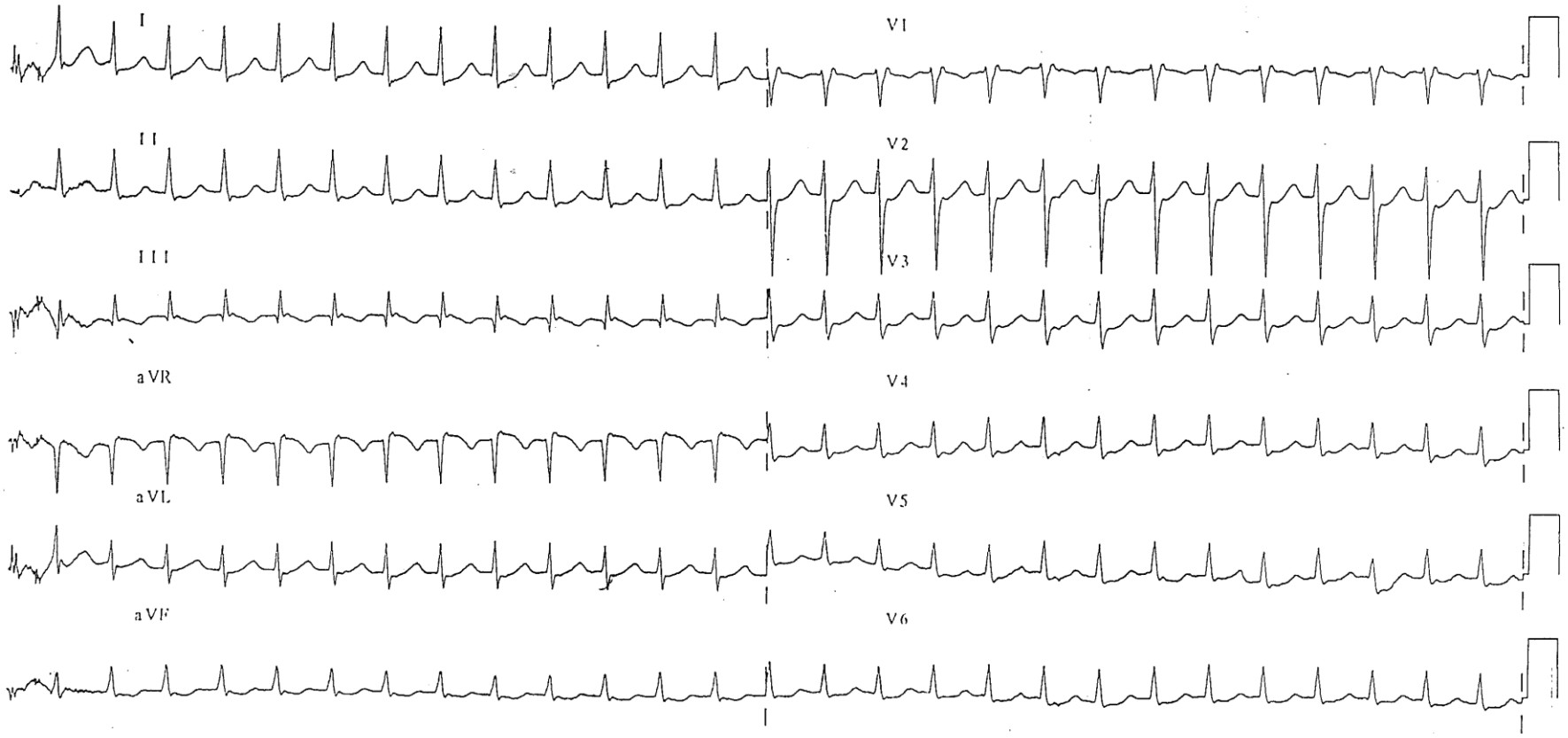
EID: EDT: BESTILLING: KONTO:

Case 46

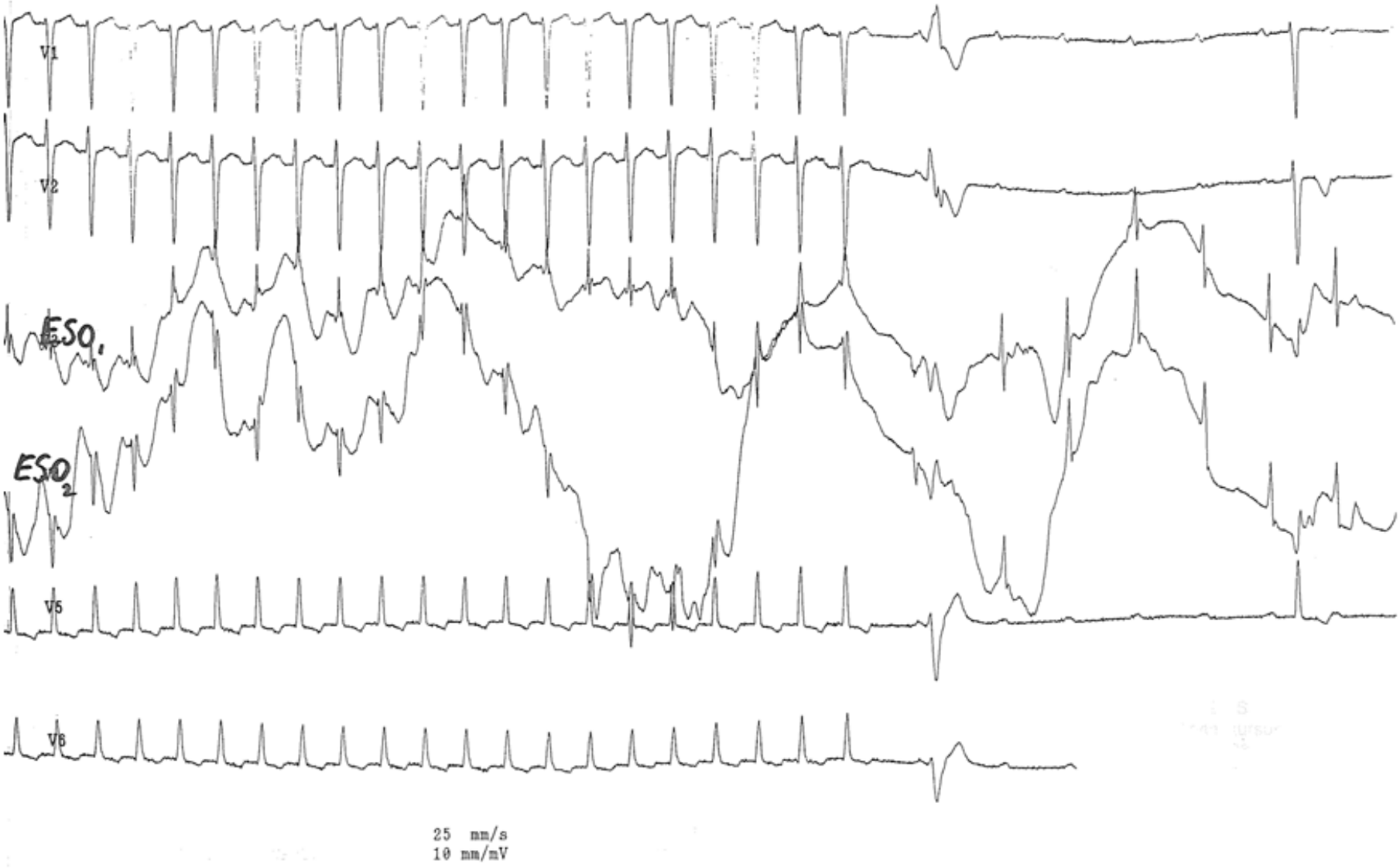
CASE 46a



CASE 46b

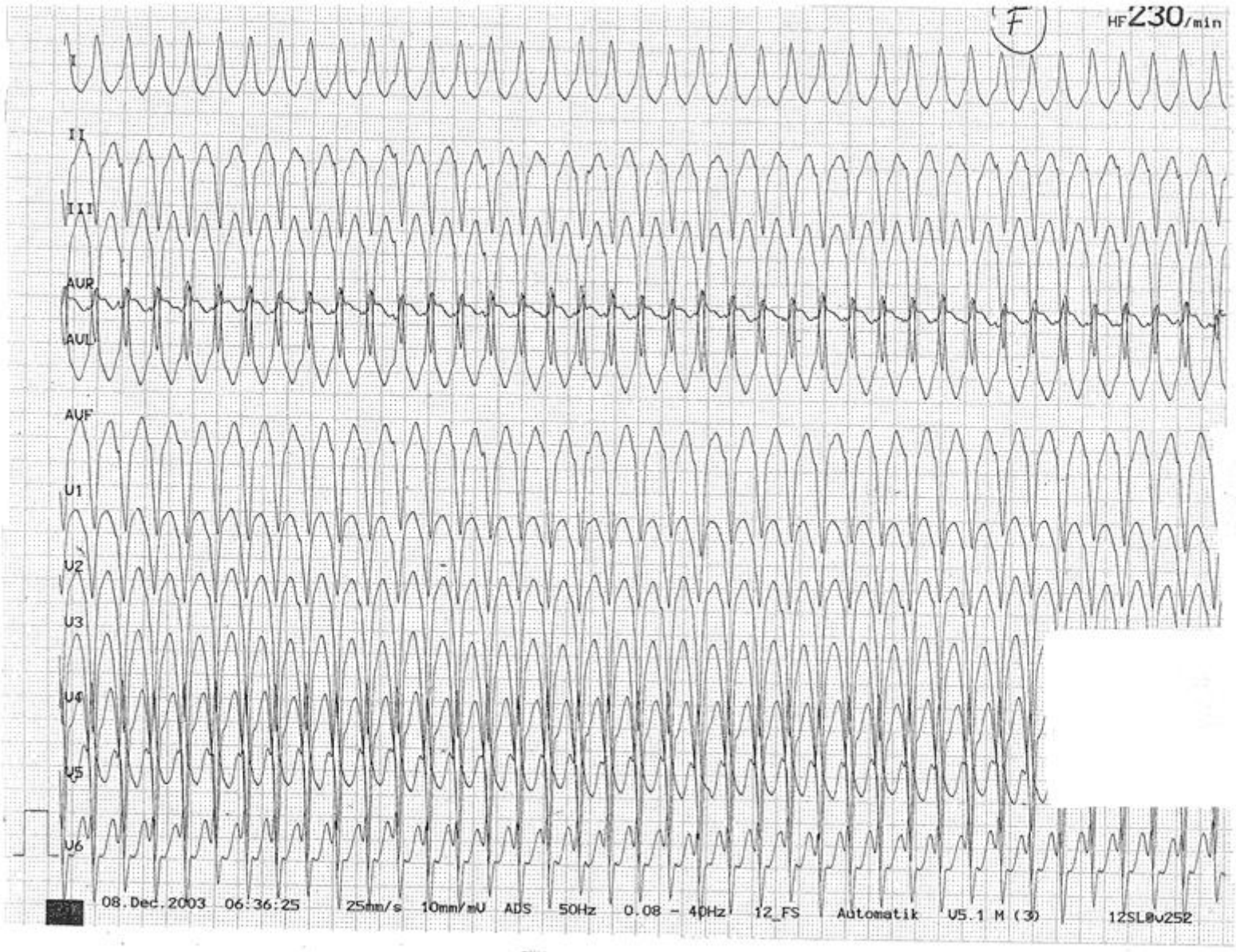


CASE 46c



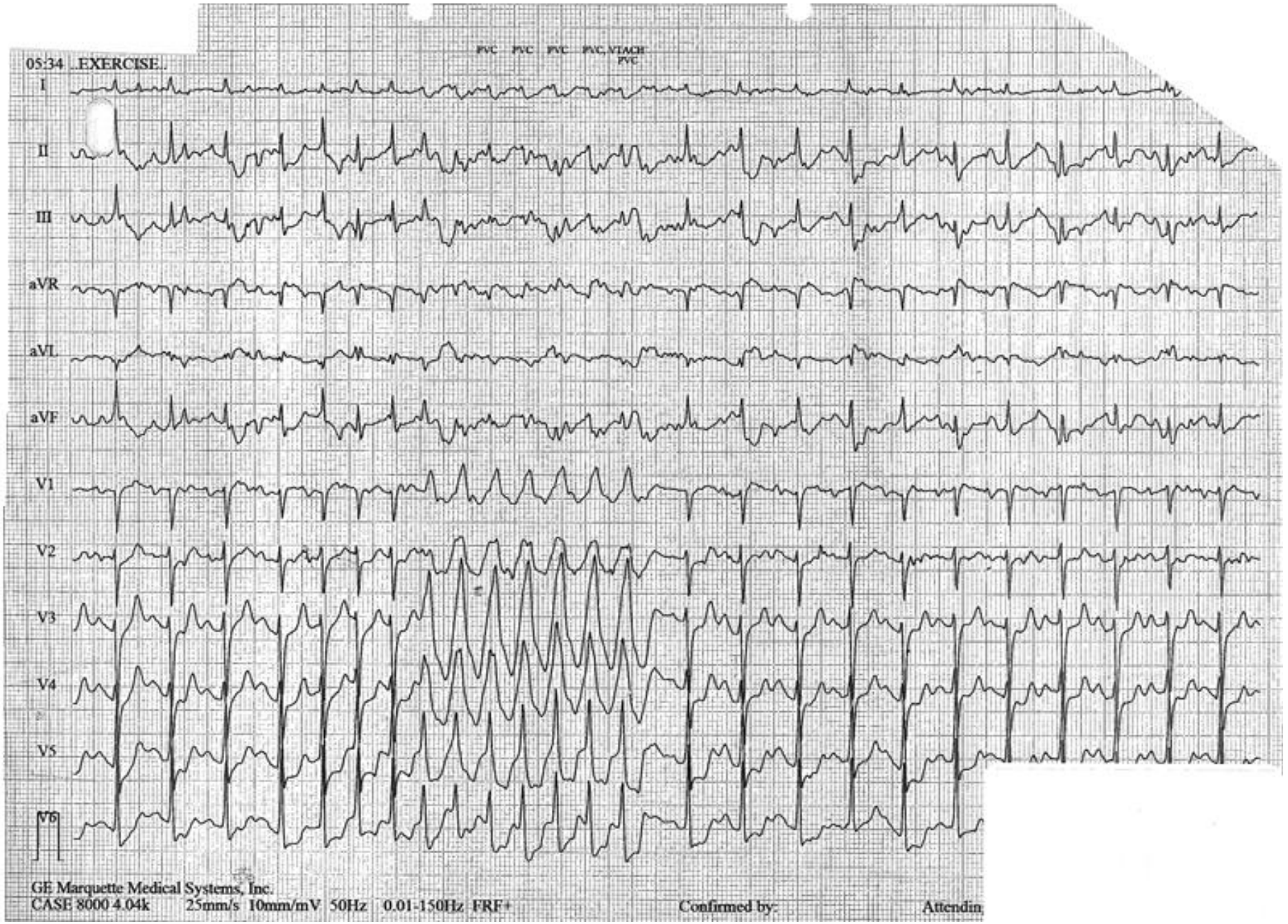
Case 47

CASE 47a


F
HF 230/min
I
II
III
AUR
AUL
AUF
U1
U2
U3
U4
U5
U6
08.Dec.2003 06:36:25 25mm/s 10mm/mV ADS 50Hz 0.08 - 40Hz 12_FS Automatik U5.1 M (3) 12SL8v252

Case 48

CASE 48


PVC PVC PVC PVC,VTACH
PVC
05:34 EXERCISE
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
GE Marquette Medical Systems, Inc.
CASE 8000 4.04k 25mm/s 10mm/mV 50Hz 0.01-150Hz FRF+
Confirmed by:
Attendin

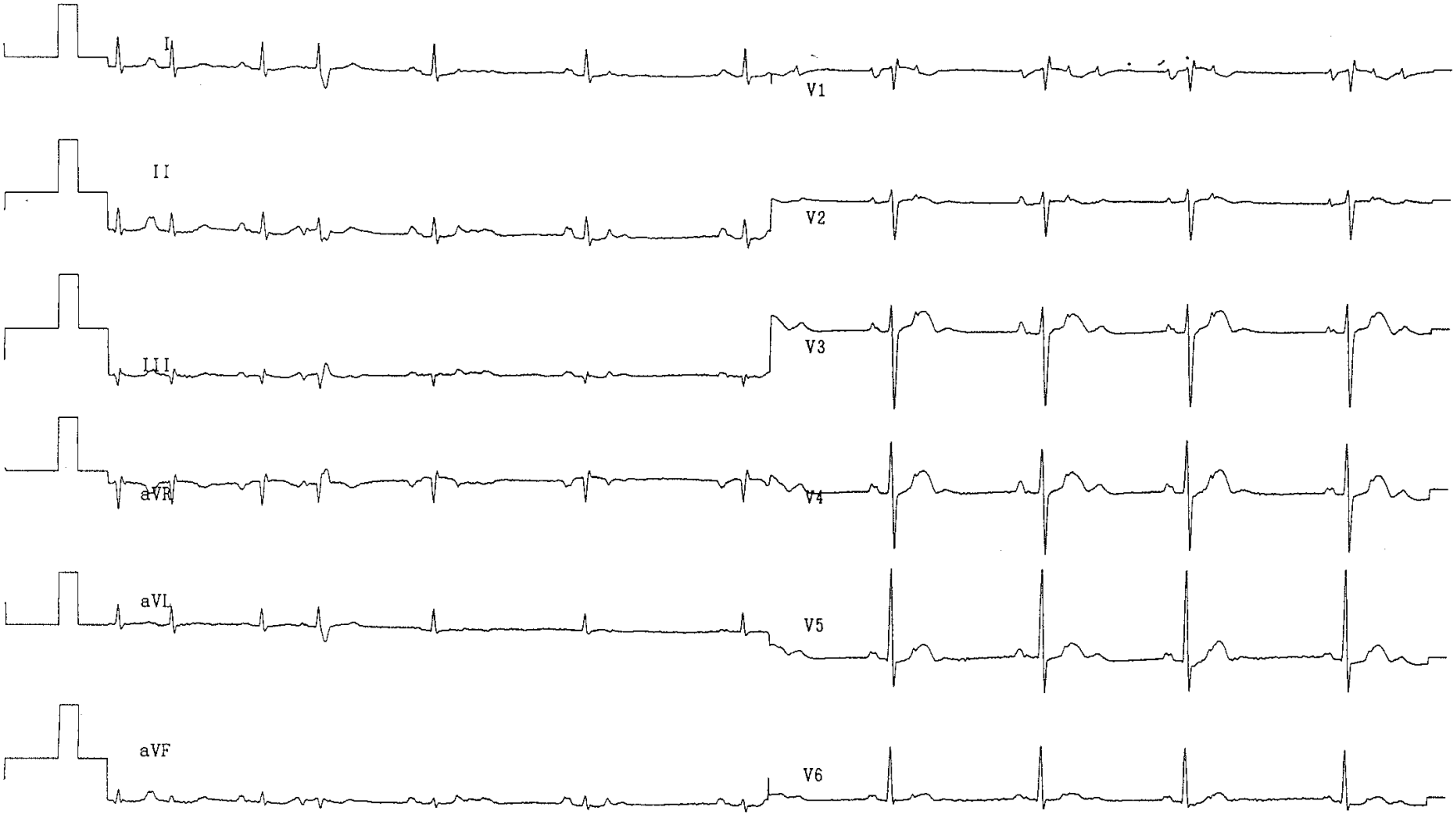
Case 49

CASE 49


10 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s
0.05-35 Hz F50
12:03:43

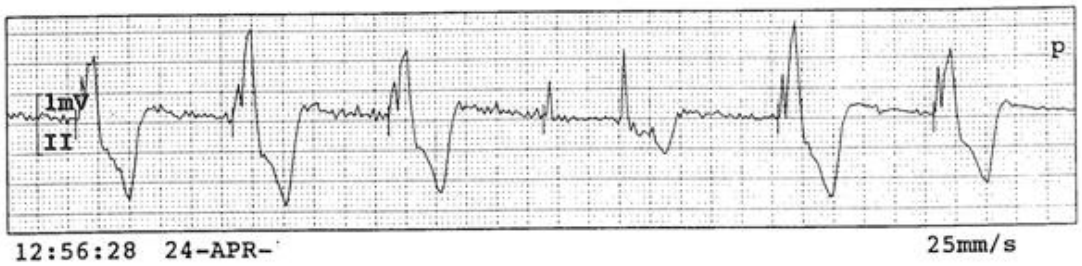
Case 50

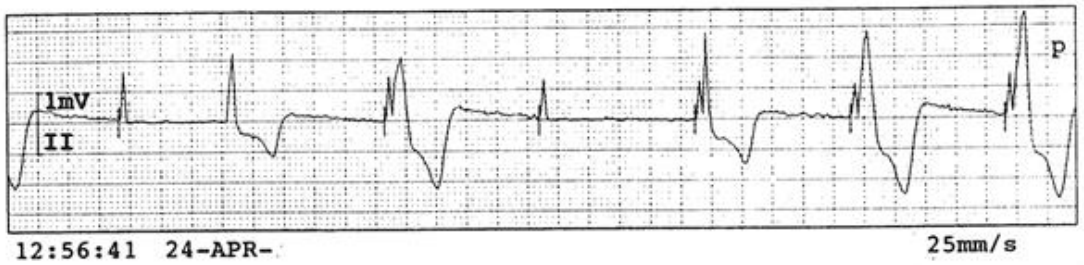
CASE 50

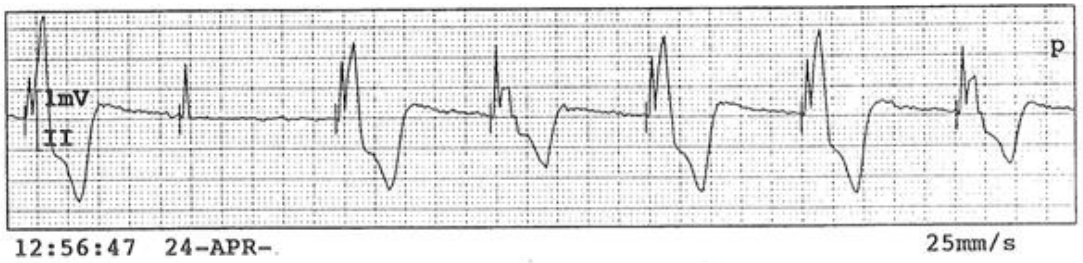


Case 51

CASE 51

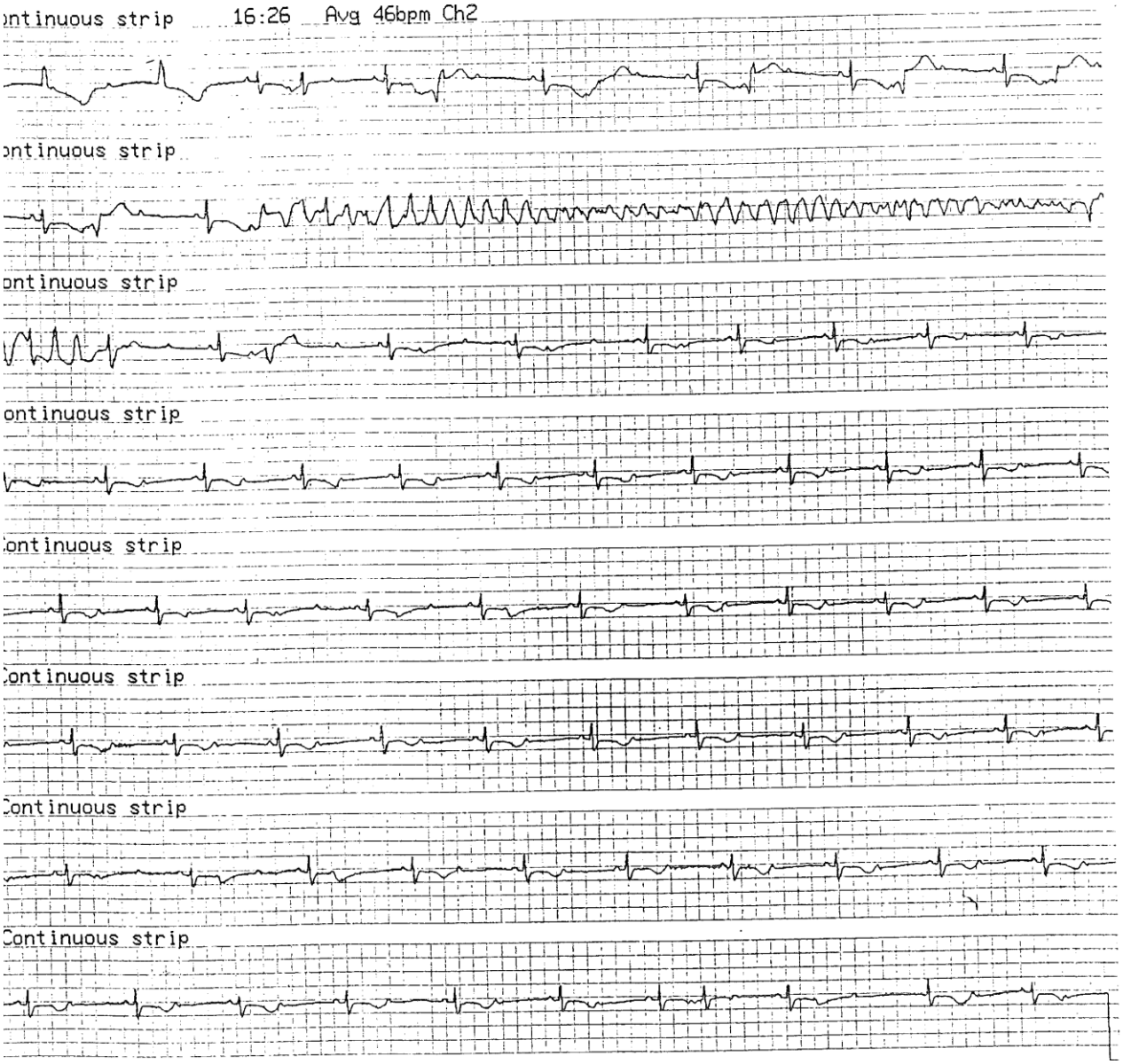

1mV
II
p
12:56:28 24-APR-
25mm/s


1mV
II
p
12:56:41 24-APR-
25mm/s


1mV
II
p
12:56:47 24-APR-
25mm/s

Case 52

CASE 52

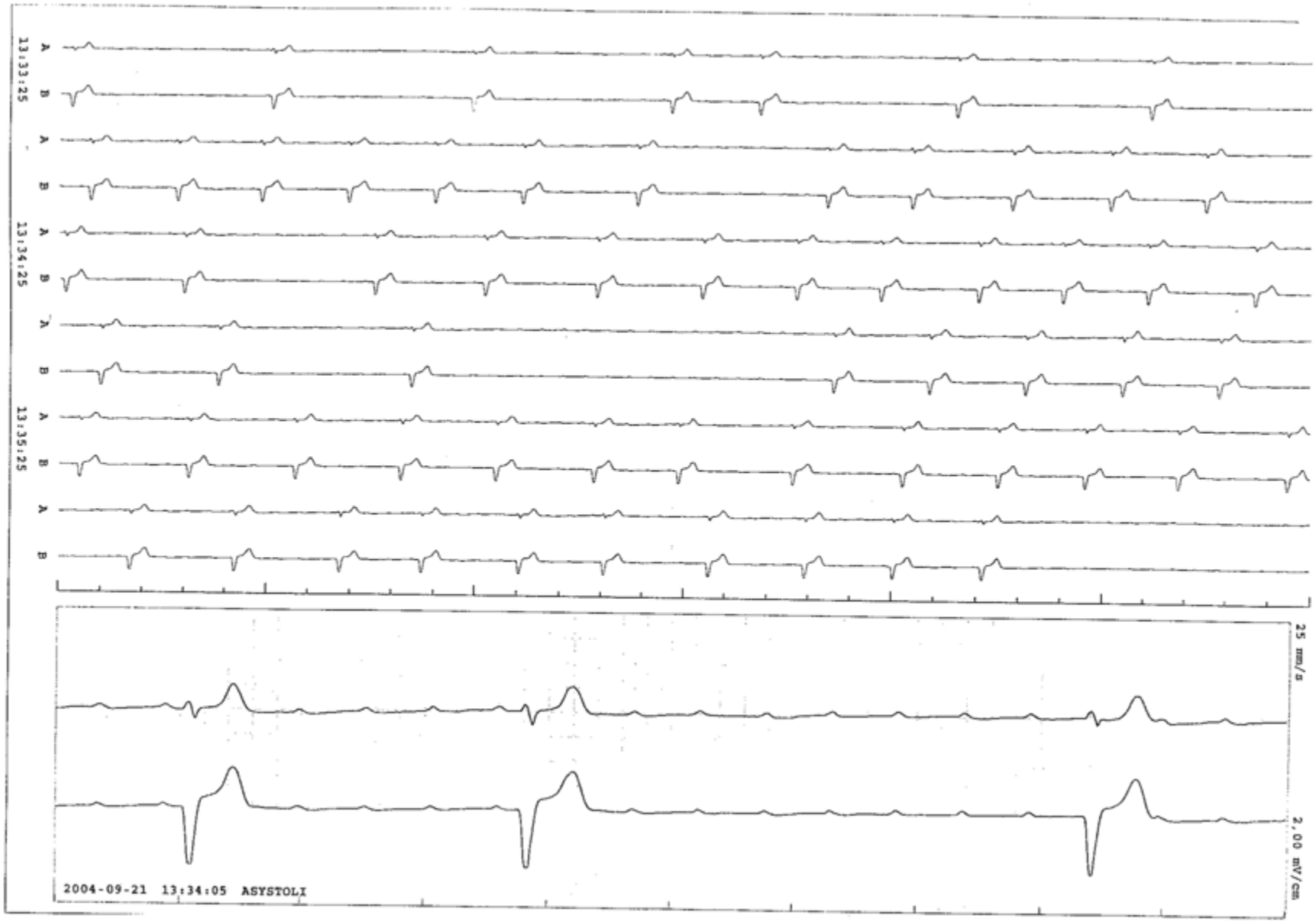

ontinuous strip 16:26 Avg 46bpm Ch2
ontinuous strip
ontinuous strip
ontinuous strip
ontinuous strip
ontinuous strip
Continuous strip
Continuous strip

Case 53

CASE 53a

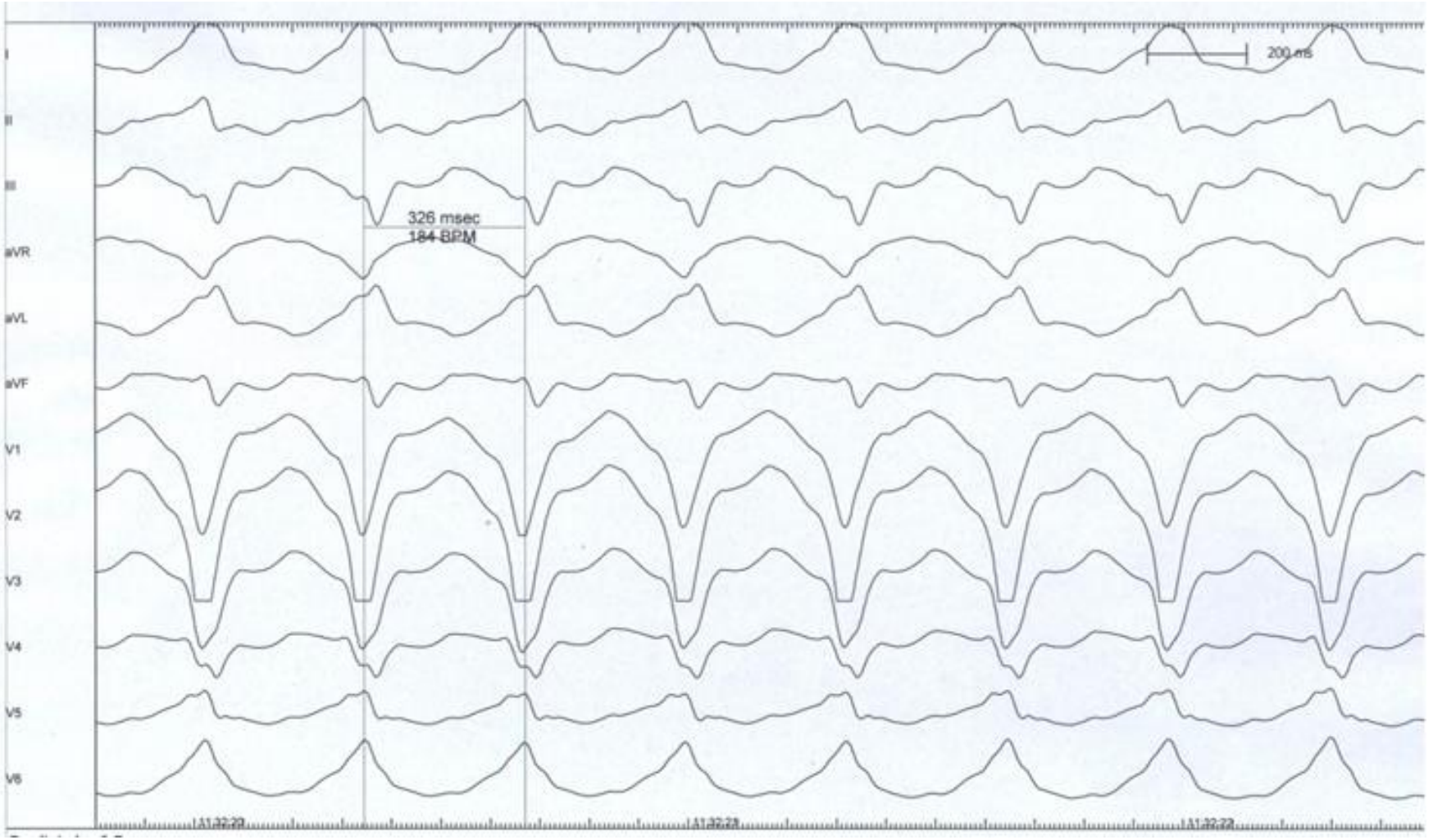

10 mm/mV
25 mm/s
Filter 100 Hz H 50 d
10 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

CASE 53b

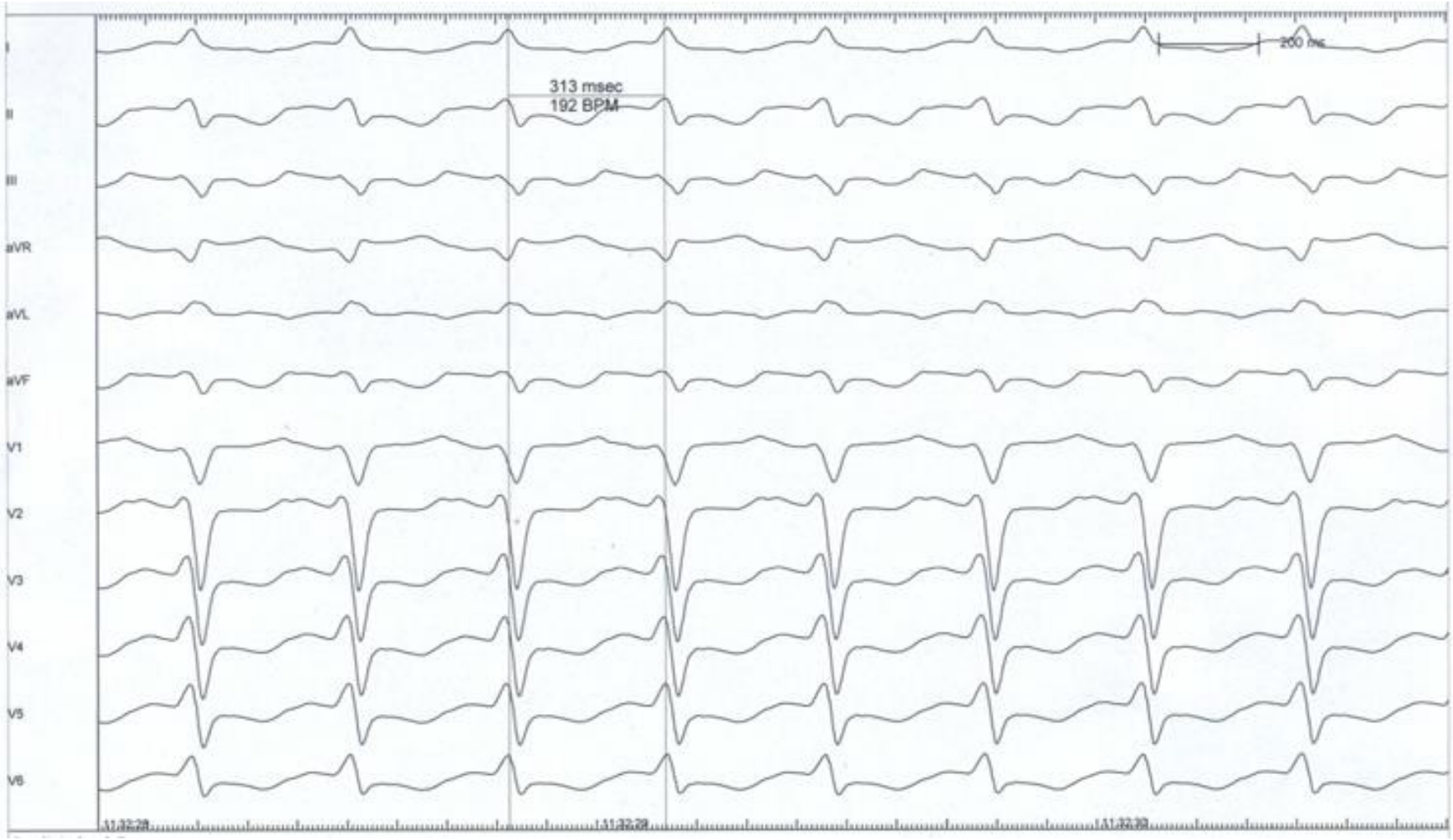

13:33:25
13:34:25
13:35:25
A
B
25 mm/s
2,00 mV/cm
2004-09-21 13:34:05 ASYSTOLI

Case 54

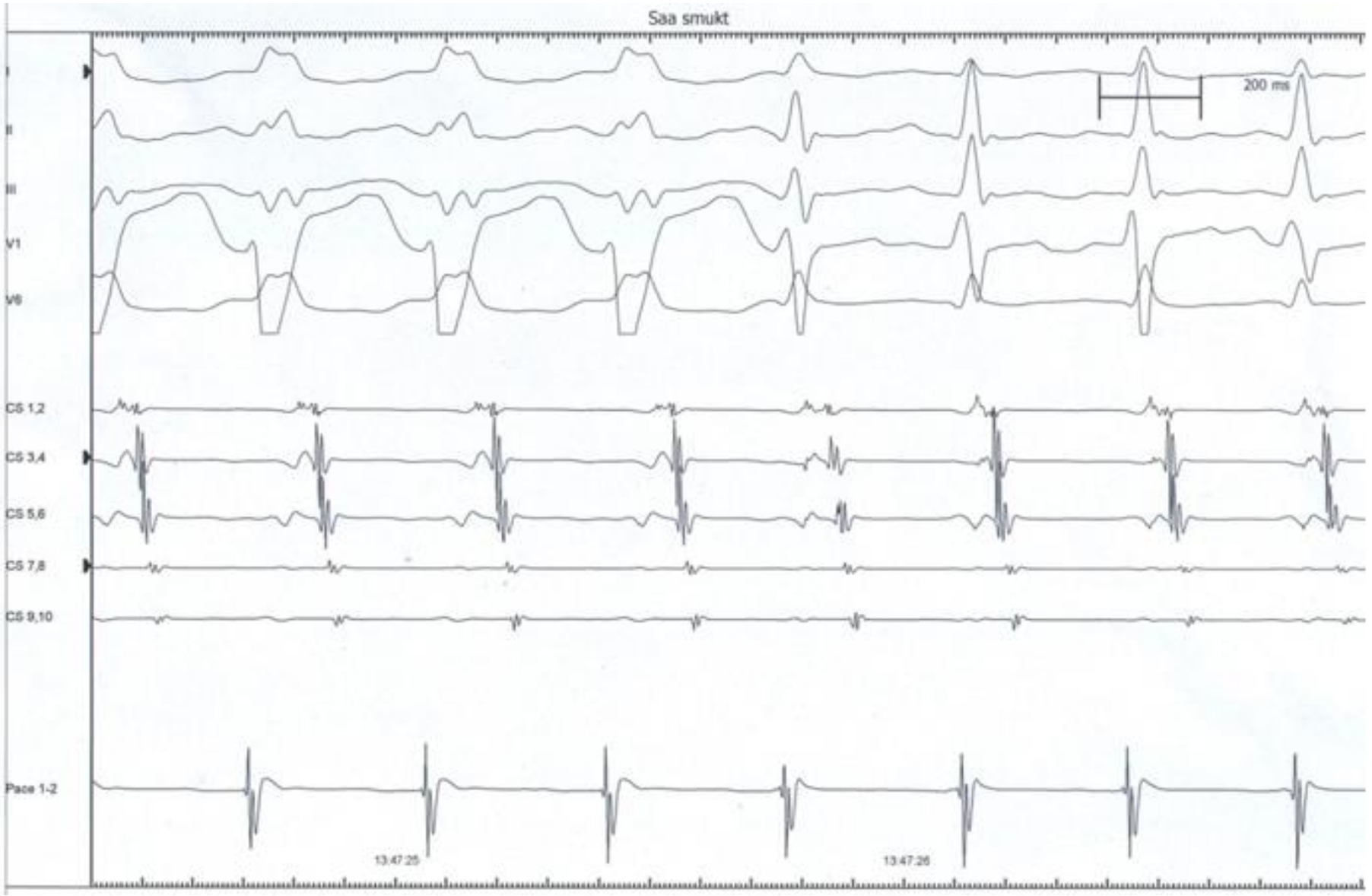
CASE 54a



CASE 54b

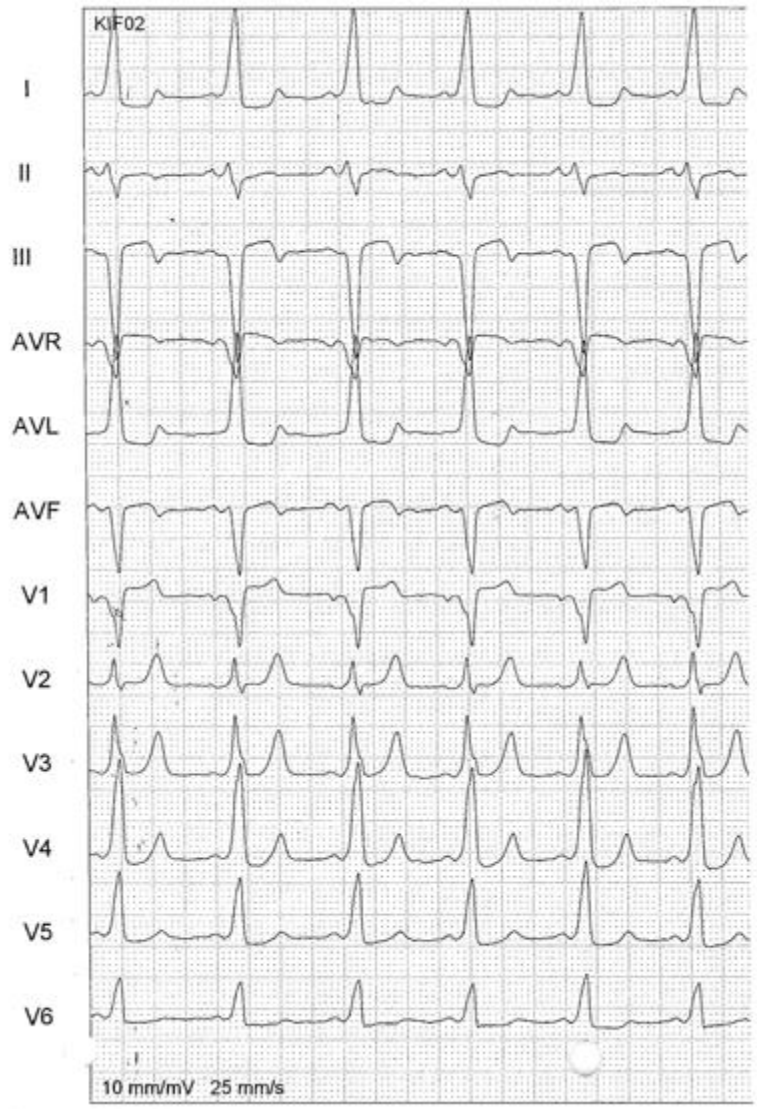


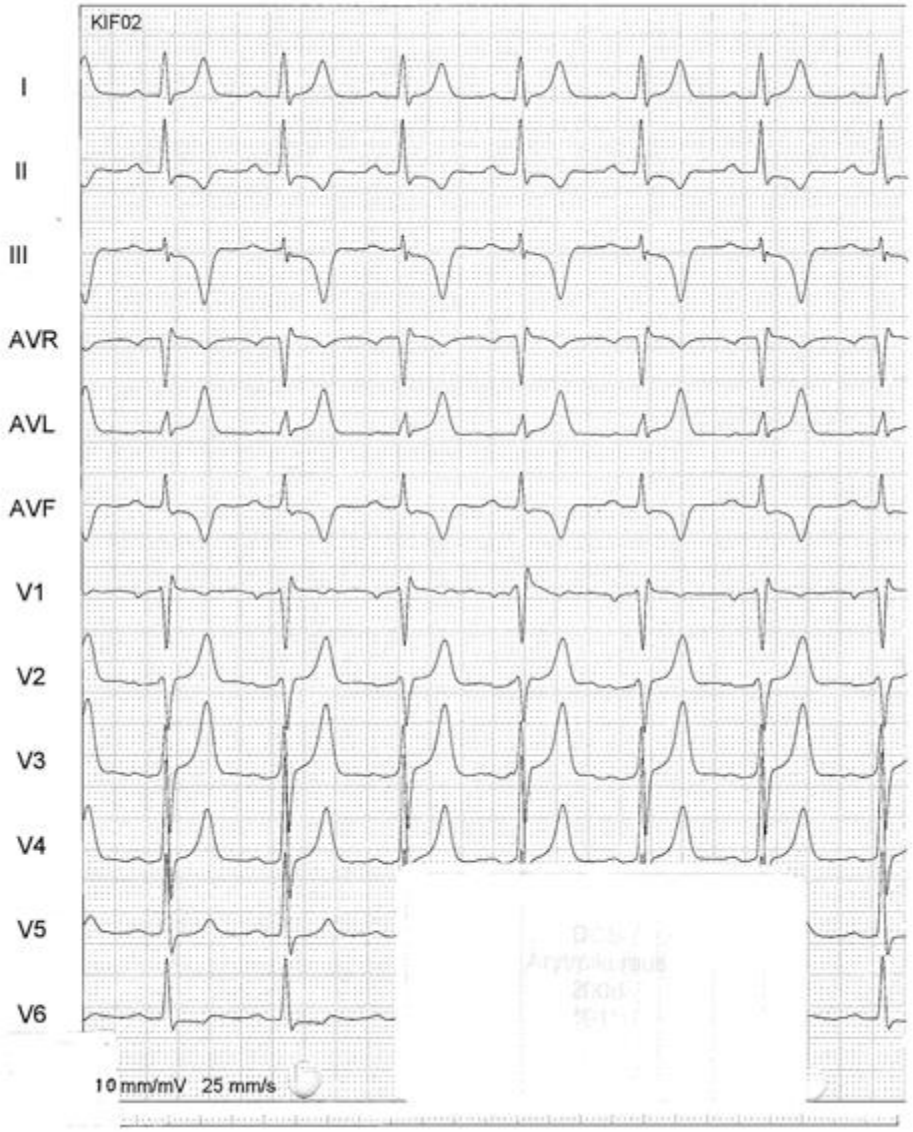
CASE 54c


Saa smukt
200 ms
I
II
III
V1
V6
CS 1,2
CS 3,4
CS 5,6
CS 7,8
CS 9,10
Pace 1-2
13:47:25
13:47:26

Case 55

CASE 55


KIF02
I
II
III
AVR
AVL
AVF
V1
V2
V3
V4
V5
V6
10 mm/mV 25 mm/s

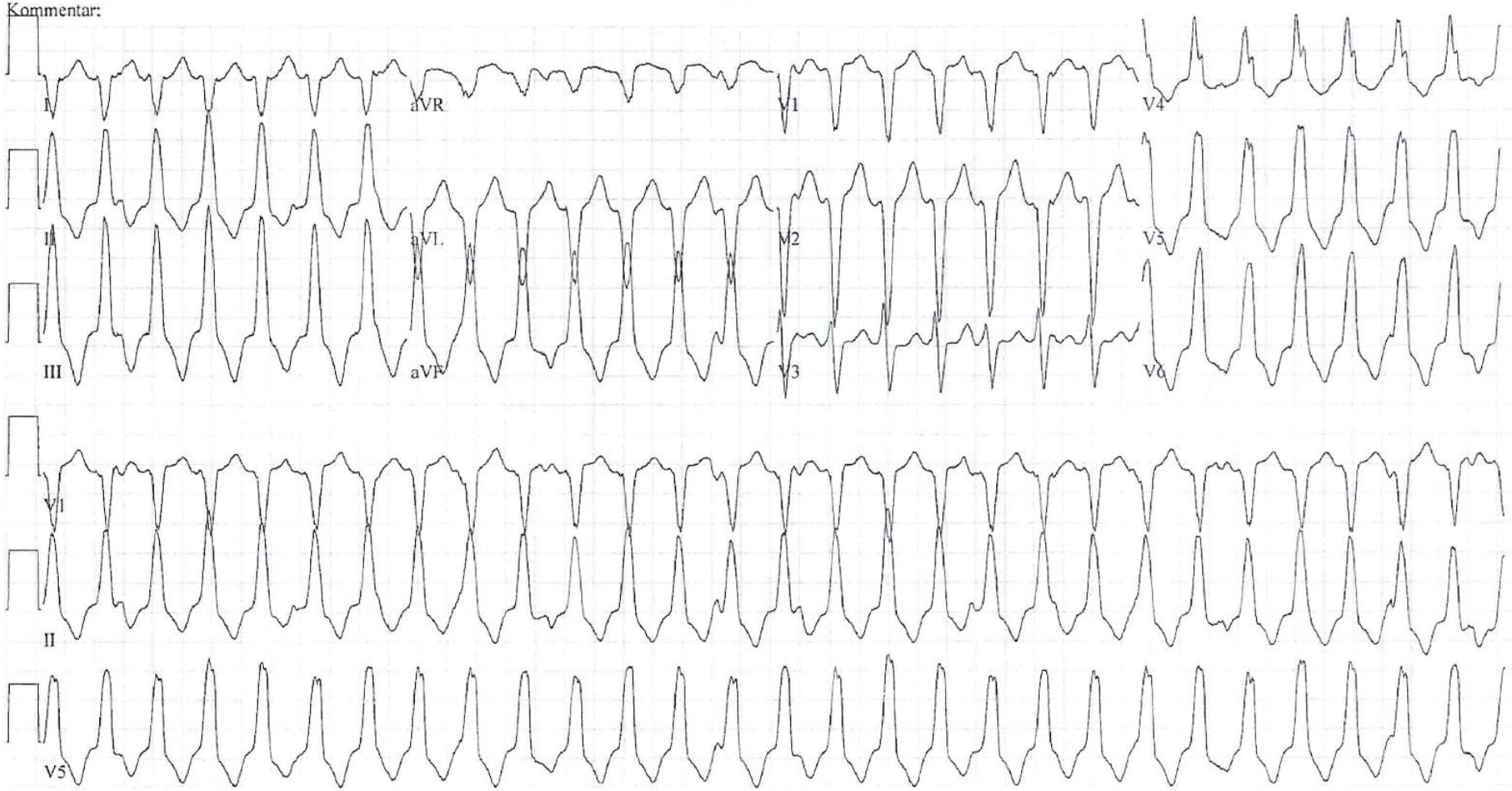

KIF02
I
II
III
AVR
AVL
AVF
V1
V2
V3
V4
V5
V6
10 mm/mV 25 mm/s

Case 56

Kommentar:

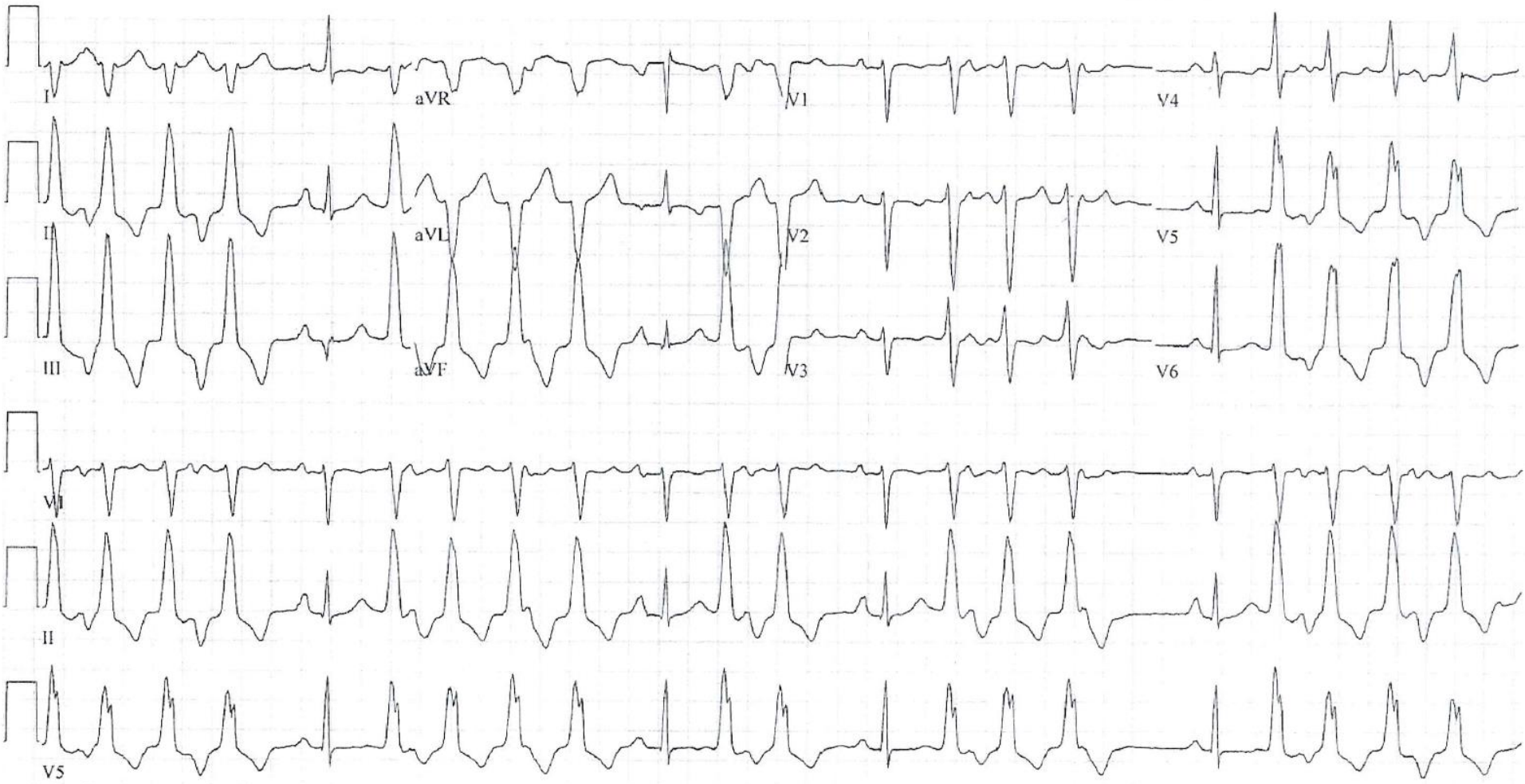
Henvist af:

Ubekræftet



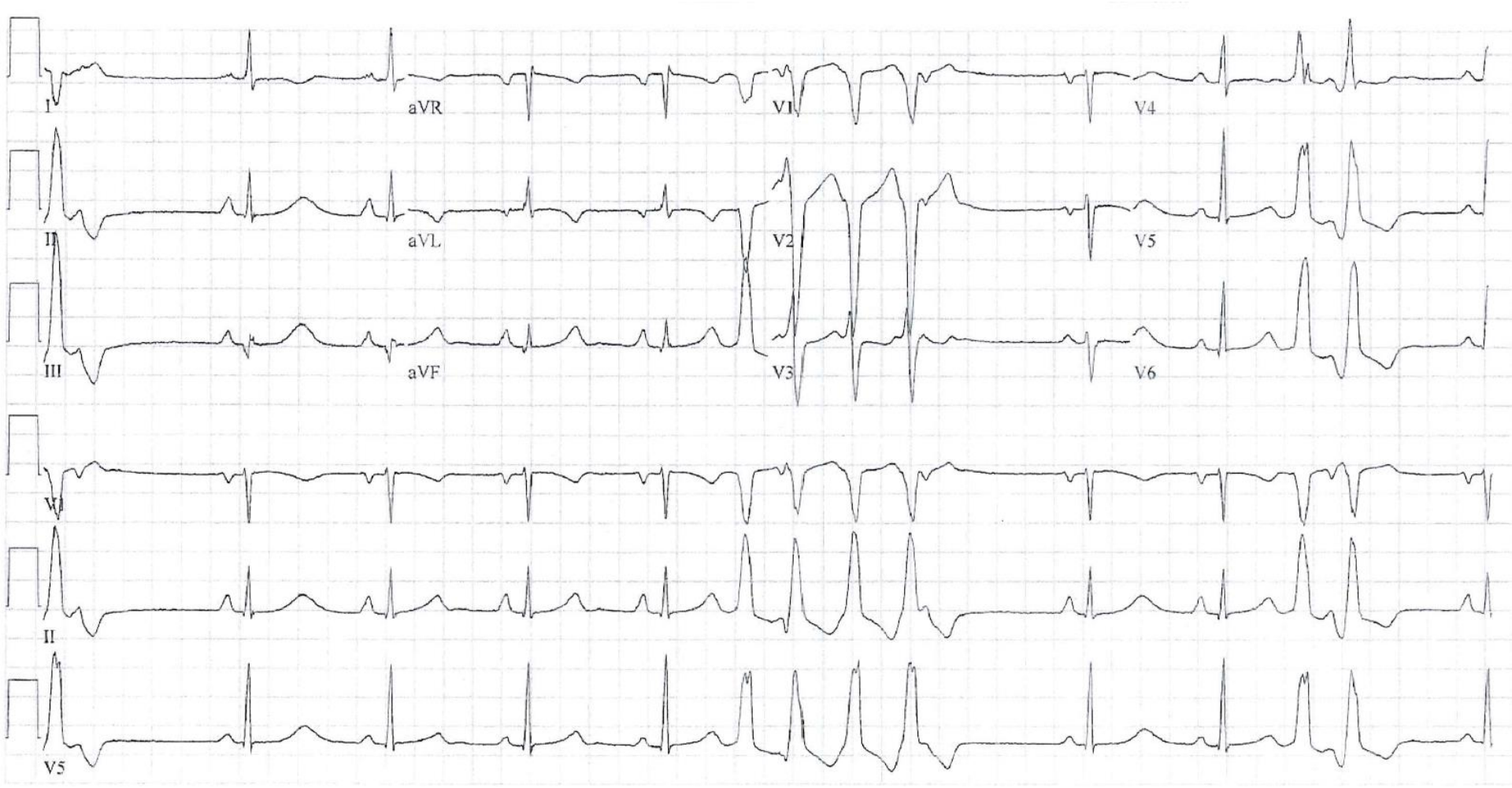
25mm/s 10mm/mV 150Hz 8.0.1 12SL 241 HD Vogn-ID: 3

EID: EDT: BESTILLING:



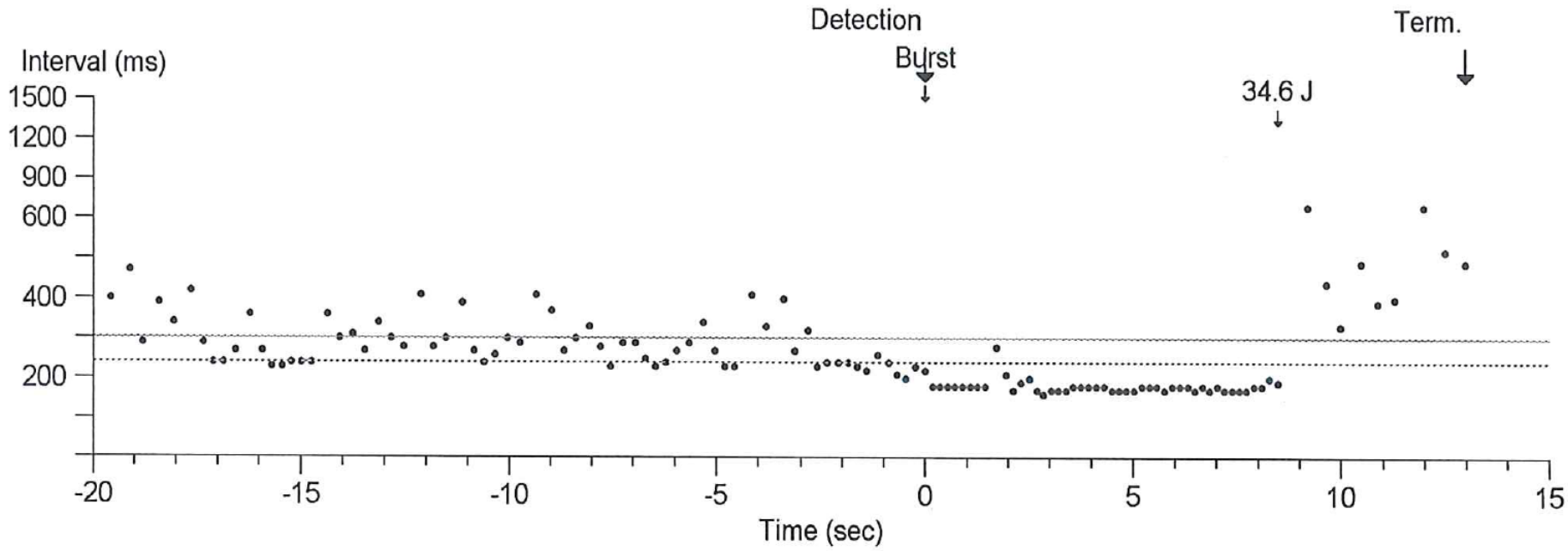
25mm/s 10mm/mV 150Hz 8.0.1 12SL 241 HD Vogn-ID: 1

EID: EDT: BESTILLING:

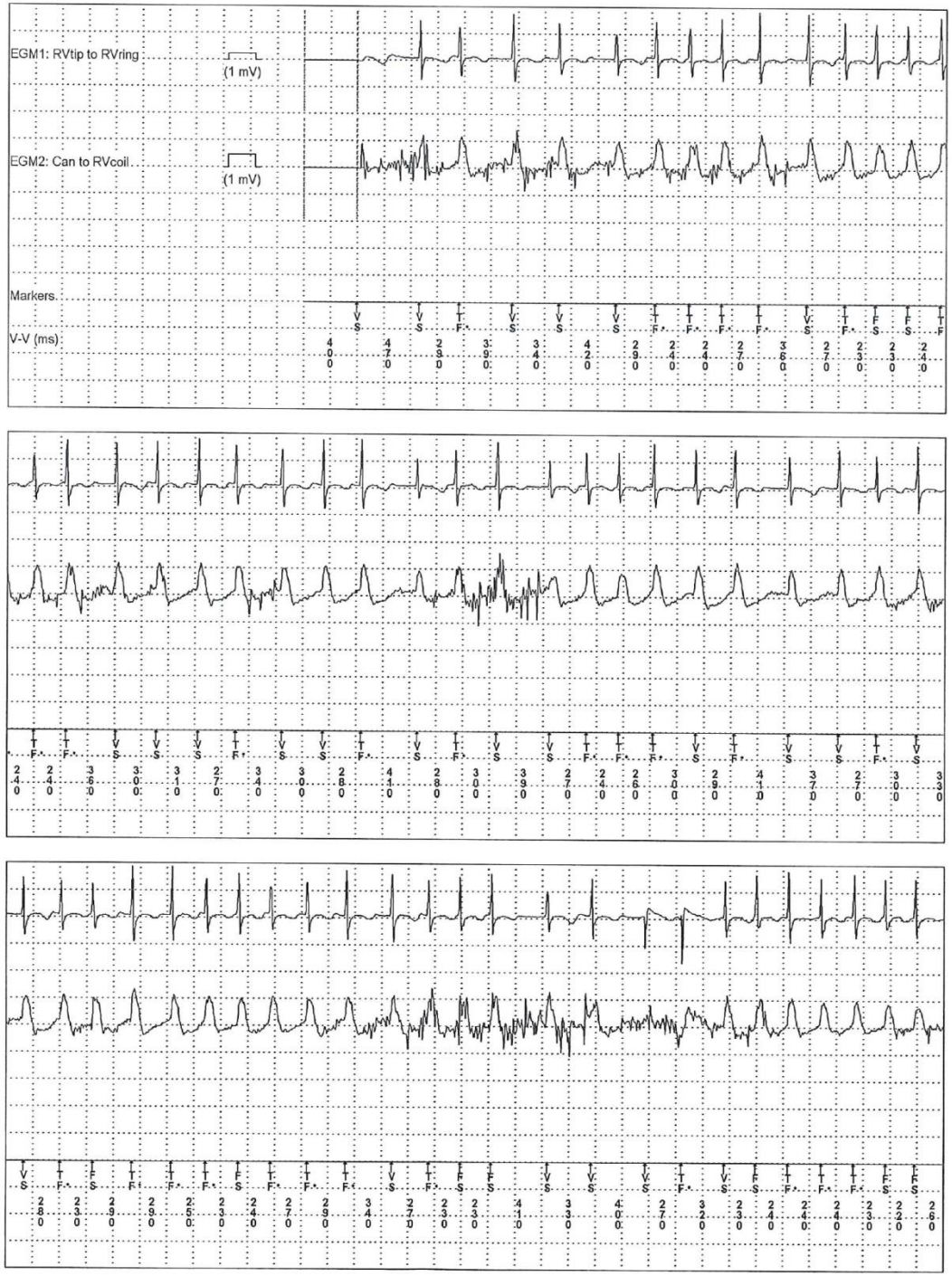

I
aVR
V1
V4
II
aVL
V2
V5
III
aVF
V3
V6
V1
II
V5

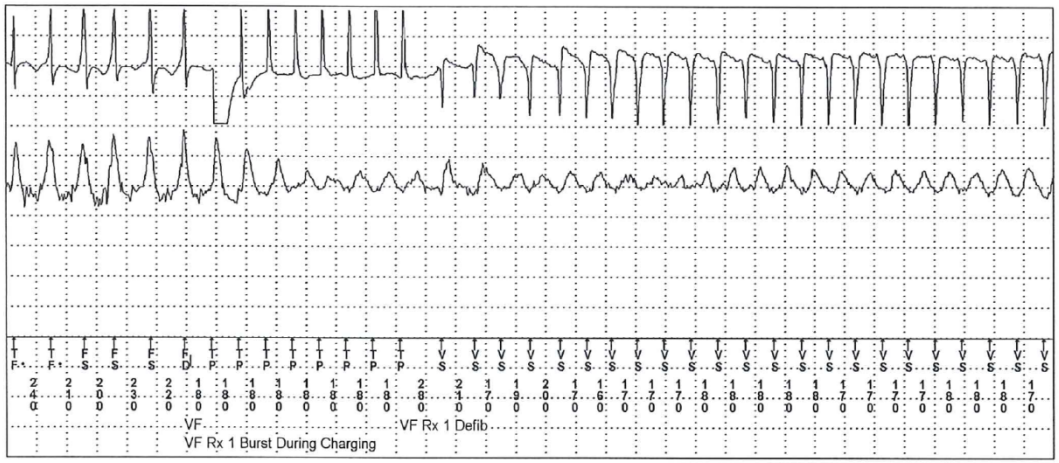
Case 57

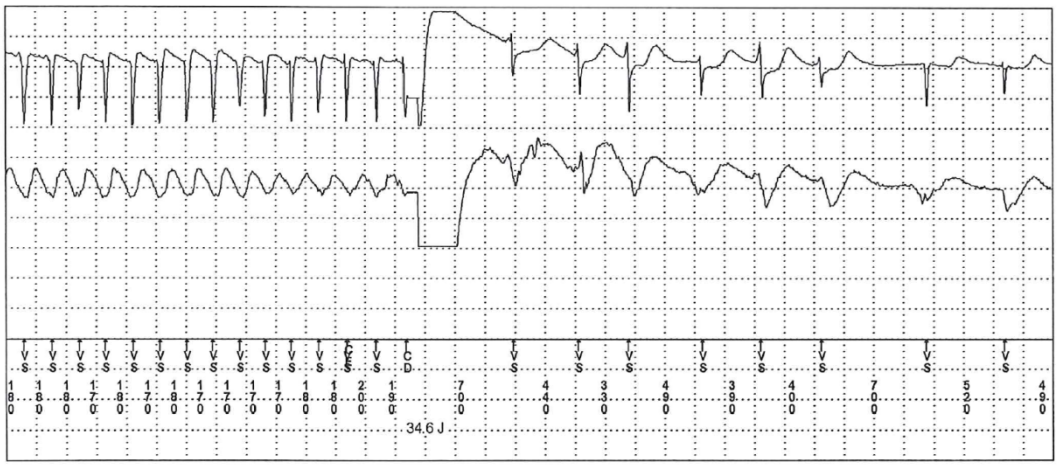
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	1	35J	Yes	36	18-Dec-2013	14:31	:01:08	286	---	Active

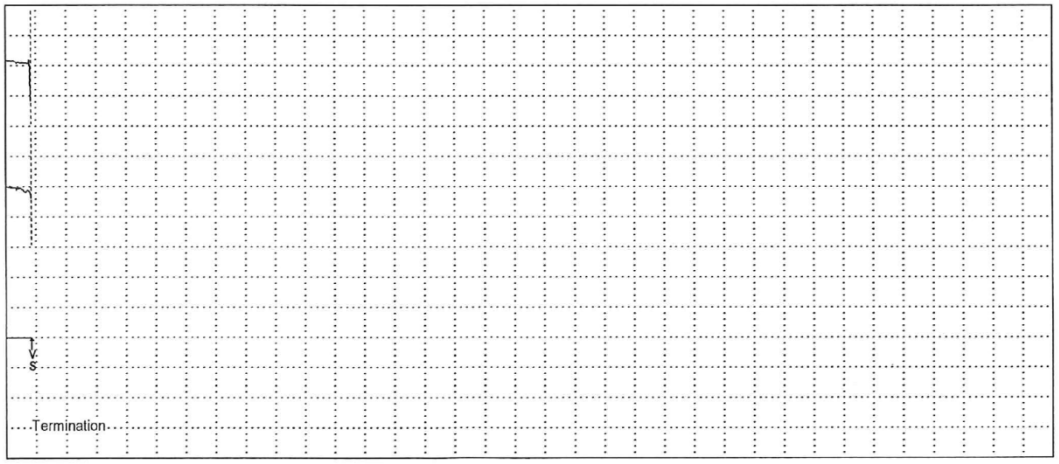


60 årig mand, kendt med atrieflimren. Non-IHD kardiomyopati, primær profylaktisk ICD. Hård fysisk arbejde i forbindelse med bilreparation. Besvimer


EGM1: RVtip to RVring
(1 mV)
EGM2: Can to RVcoil
(1 mV)
Markers
V-V (ms)


VF
VF Rx 1 Defib
VF Rx 1 Burst During Charging


34.6 J


Termination

Episode #36: 18-Dec-2013 14:31:28

Episode Summary

Initial Type	VF (spontaneous)
Duration	1.1 min
V. Max Rate	---
V. Median	261 bpm (230 ms)
Activity at onset	Active, Sensor = 83 bpm
Last Therapy	VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Burst	During Charging			
|				
VF Rx 1 Defib	34.6 J	8.06 sec	48 ohms	0.0 - 35 J
|				
Termination				

Wavelet Measurements Prior to Initial VT/VF Detection

Wavelet Result: Wavelet not applied; interval too fast or too slow
Template Status: OK

-8.	No Match	58 %	
-7.	No Match	---	Interval too fast
-6.	No Match	---	Interval too fast
-5.	Match	70 %	
-4.	No Match	43 %	
-3.	No Match	---	Interval too fast
-2.	No Match	---	Interval too fast
-1.	No Match	---	Interval too fast
0.	Detection		

Parameter Settings		Initial	Redetect	V. Interval (Rate)
VF	On	30/40	12/16	300 ms (200 bpm)
FVT	via VF			240 ms (250 bpm)
VT	Off	16	12	
Monitor	Off	20		

Wavelet

Wavelet	On, Match = 70 %
Template	05-Oct-2012, Auto = On
SVT V. Limit	260 ms

Other Enhancements

Stability	Off
Onset	Off
High Rate Timeout	
VF Zone Only	Off
TWave	On
RV Lead Noise	On

EGM	Source	Range
EGM1	RVtip to RVring	+/- 8 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 8 mV

Sensitivity

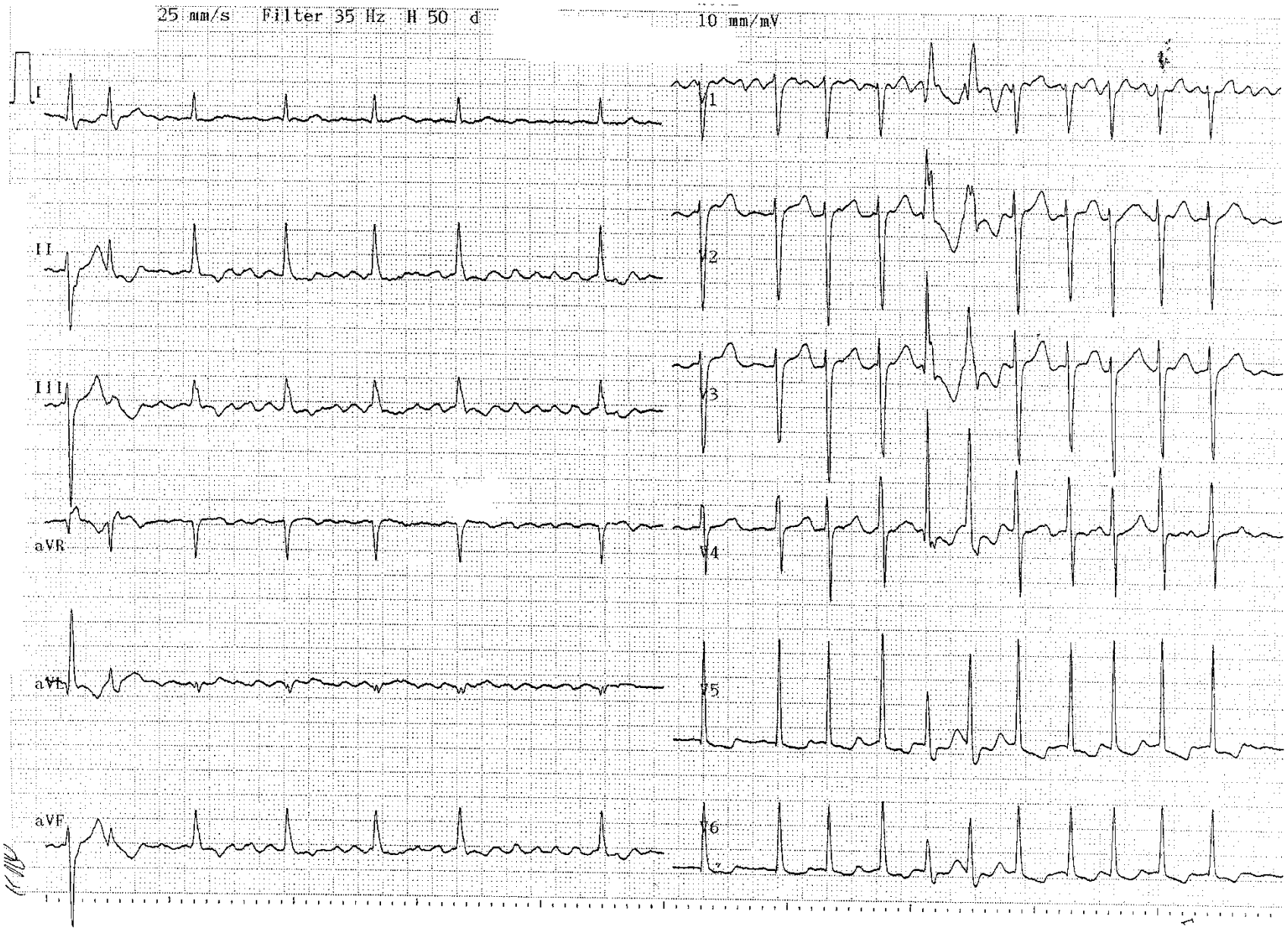
RV	0.3 mV

Parameter Summary

Mode	VVI	Lower Rate	40 bpm
Detection		**Rates**	**Therapies**
VF	On	>200 bpm	ATP During Charging, 35J x 6
FVT	via VF	200-250 bpm	Burst(2), Ramp(2), 35J x 4
VT	OFF		All Rx Off

Enhancements On: Wavelet, TWave, Noise

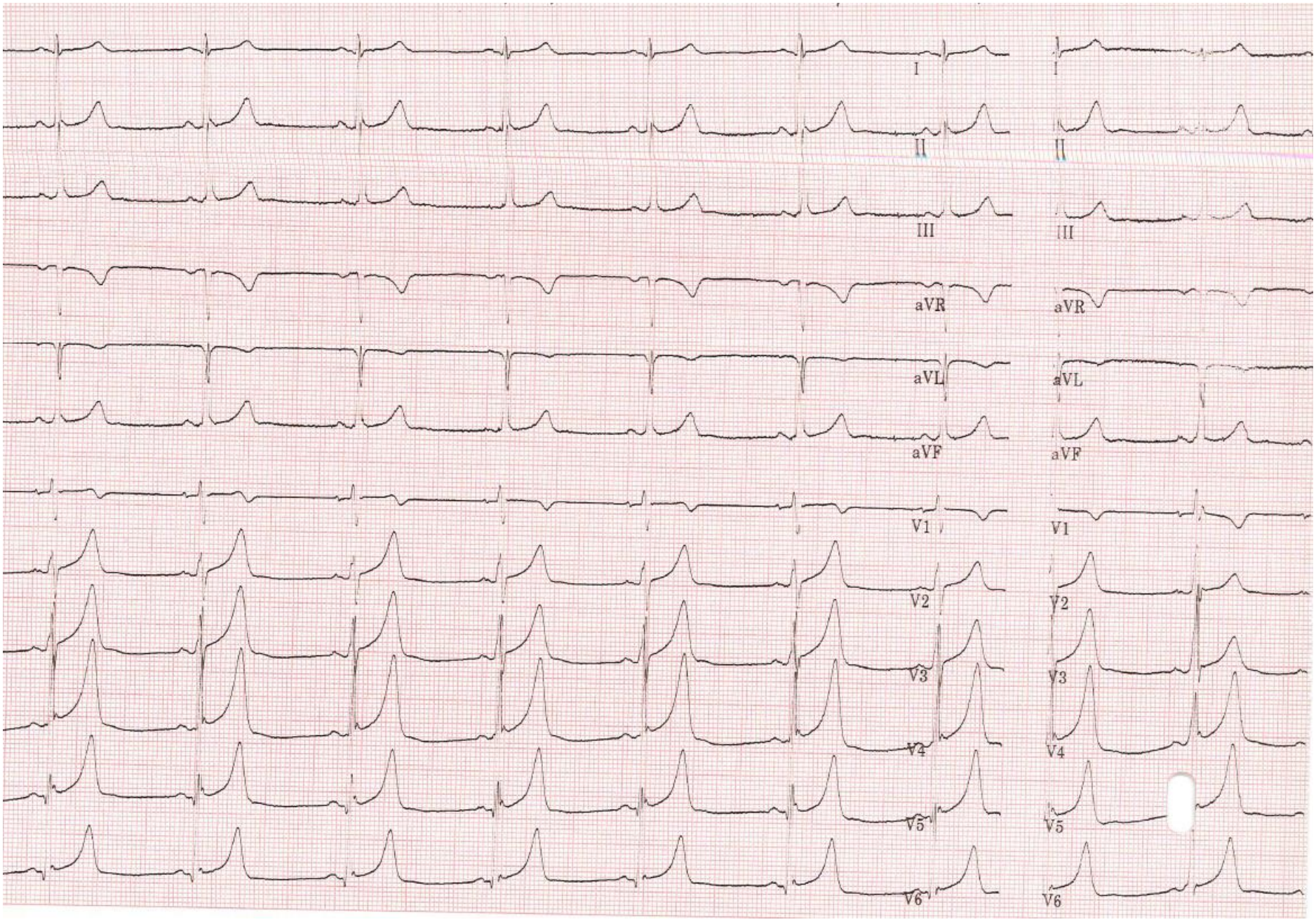
Case 58


25 mm/s Filter 35 Hz H 50 d
10 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

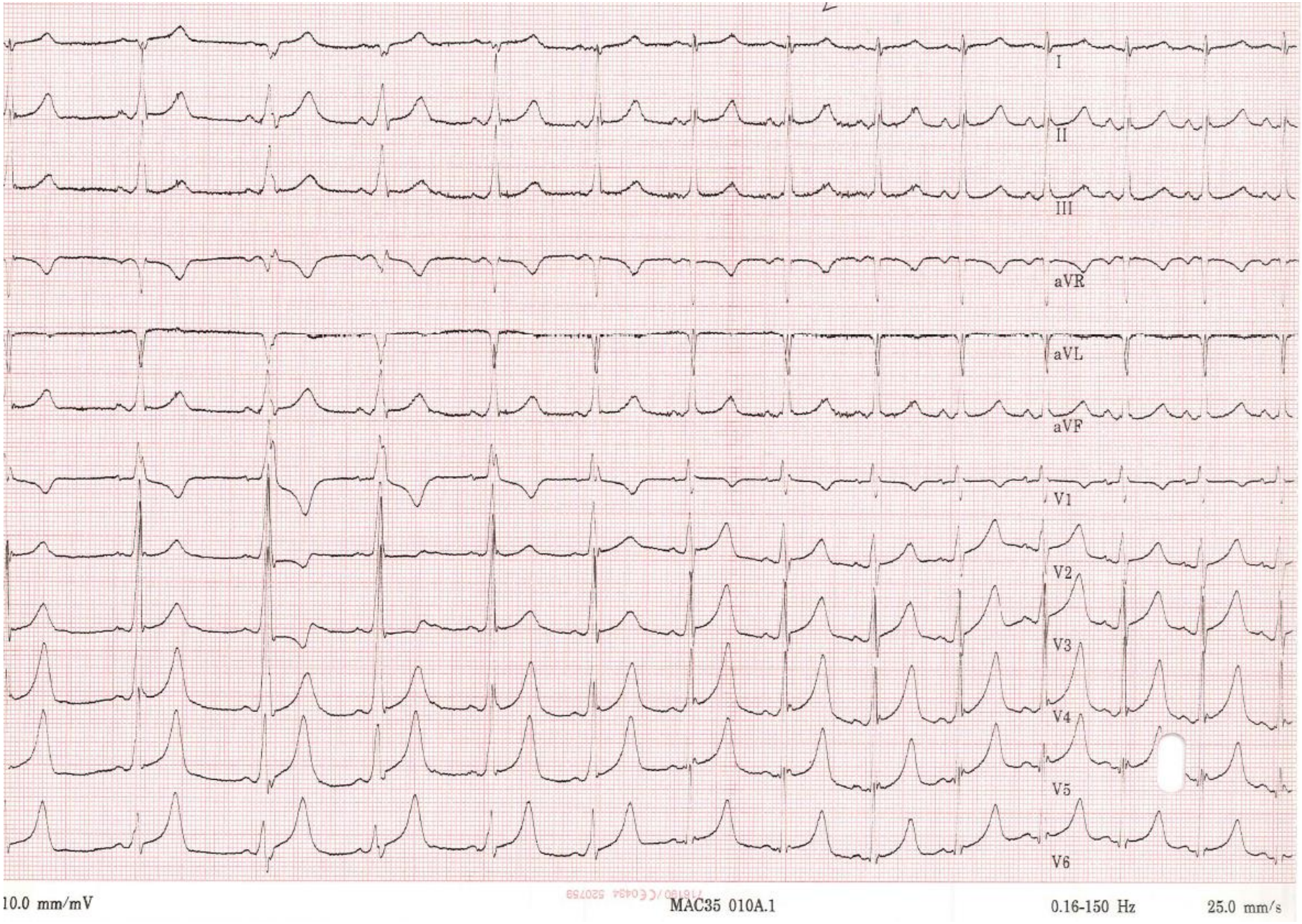
Case 59

59a

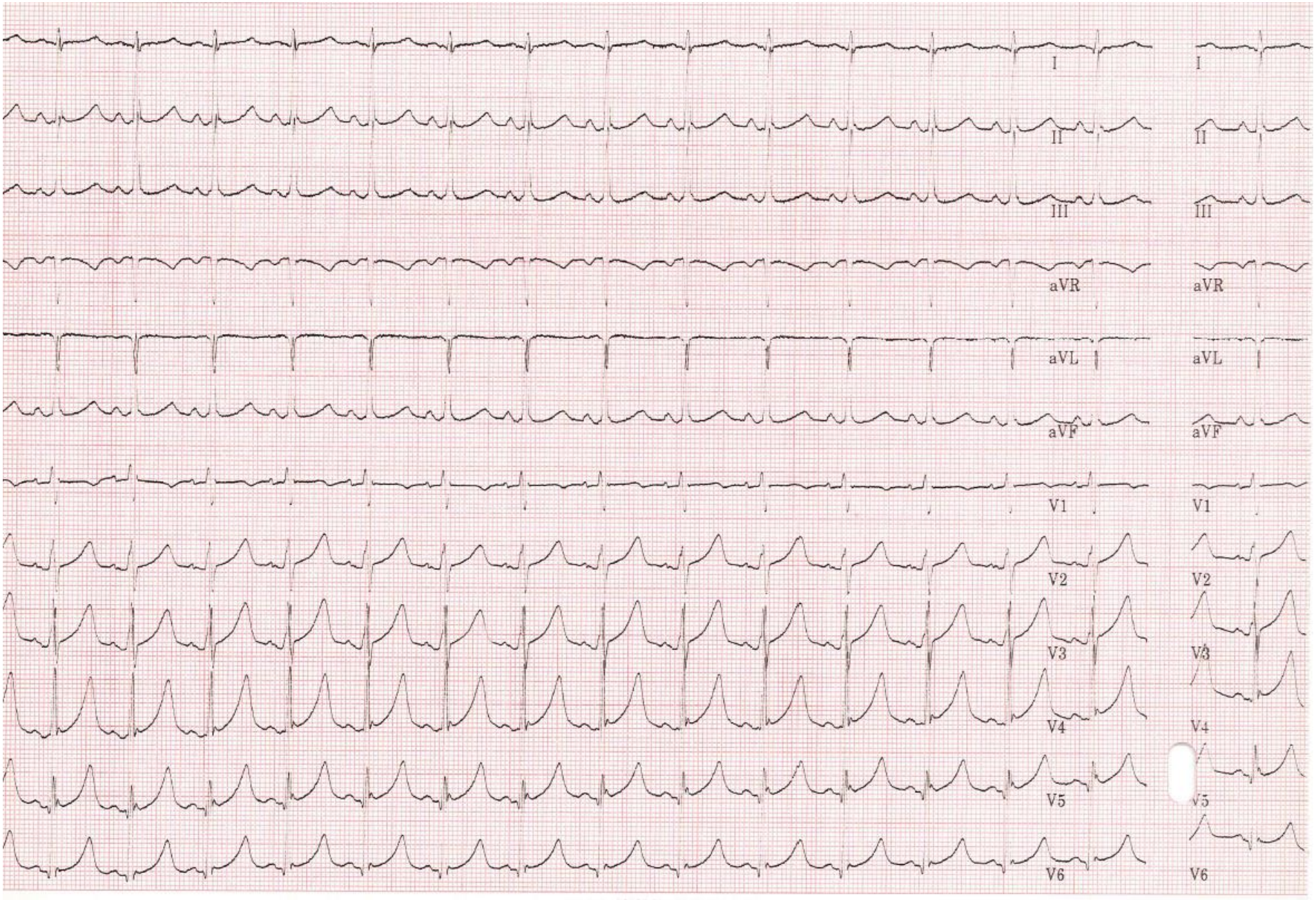
Adenosin iv.



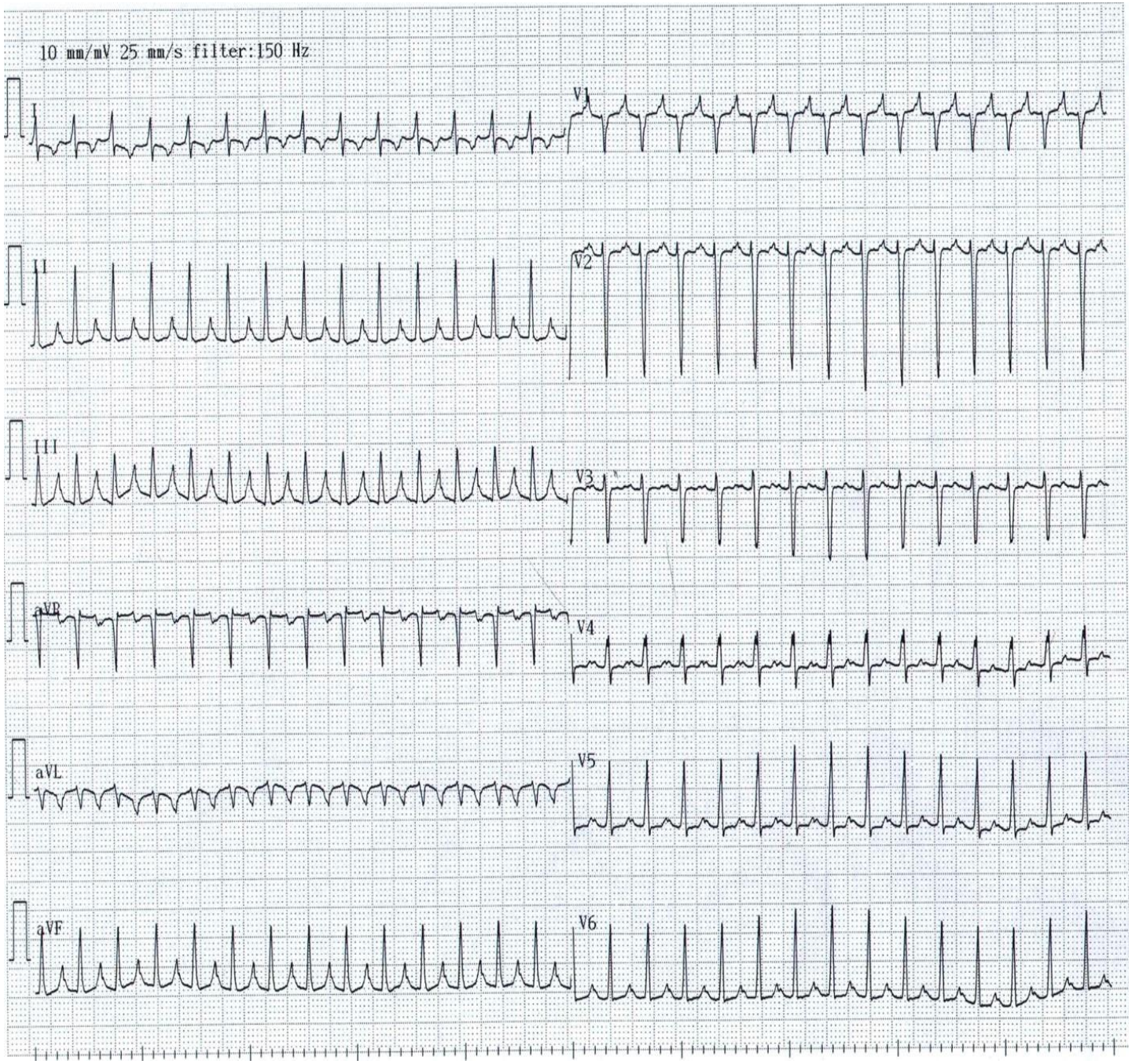
59b (cont.)


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
10.0 mm/mV
MAC35 010A.1
0.16-150 Hz
25.0 mm/s

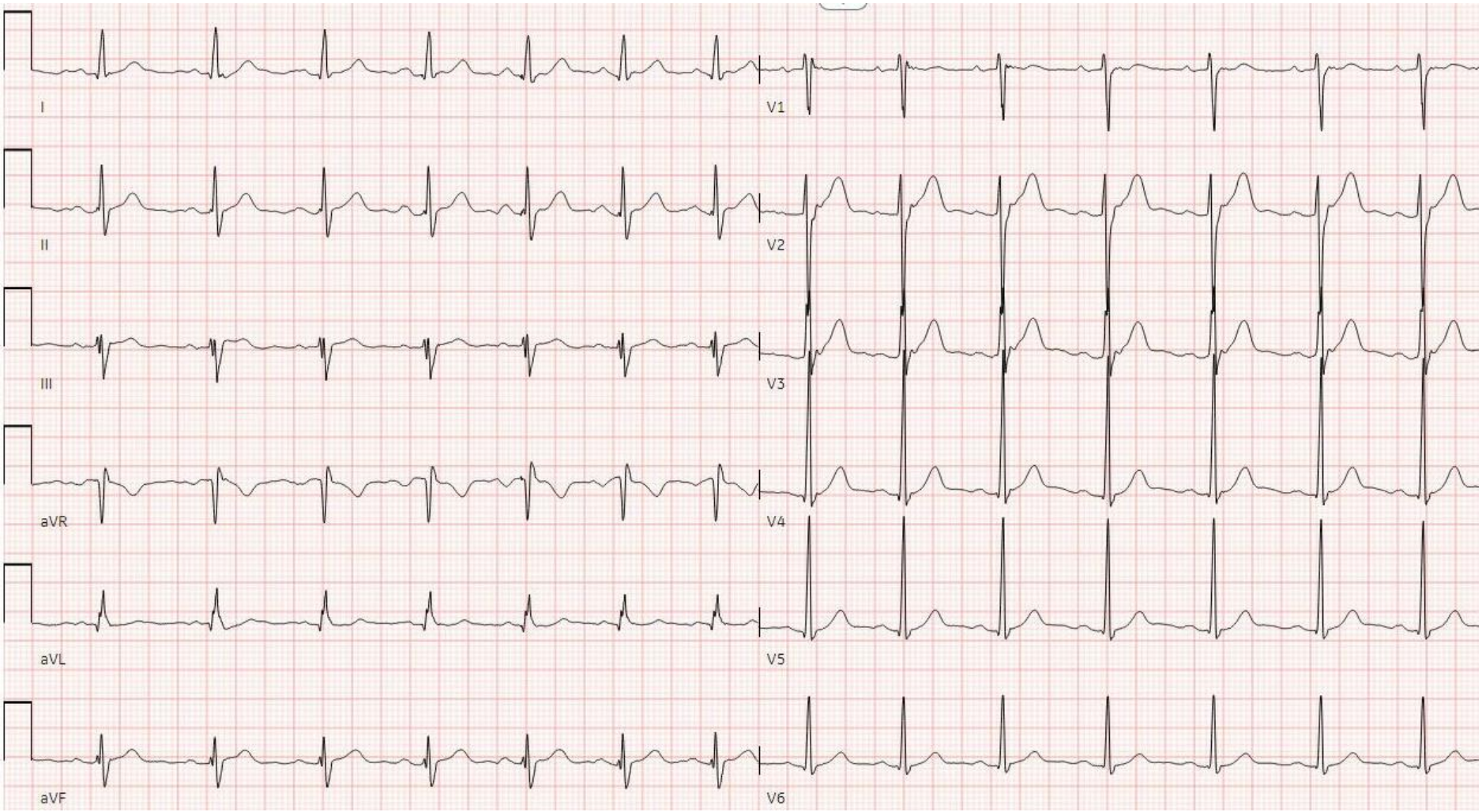
59c (cont.)


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

Case 60


10 mm/mV 25 mm/s filter:150 Hz
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

Case 61


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

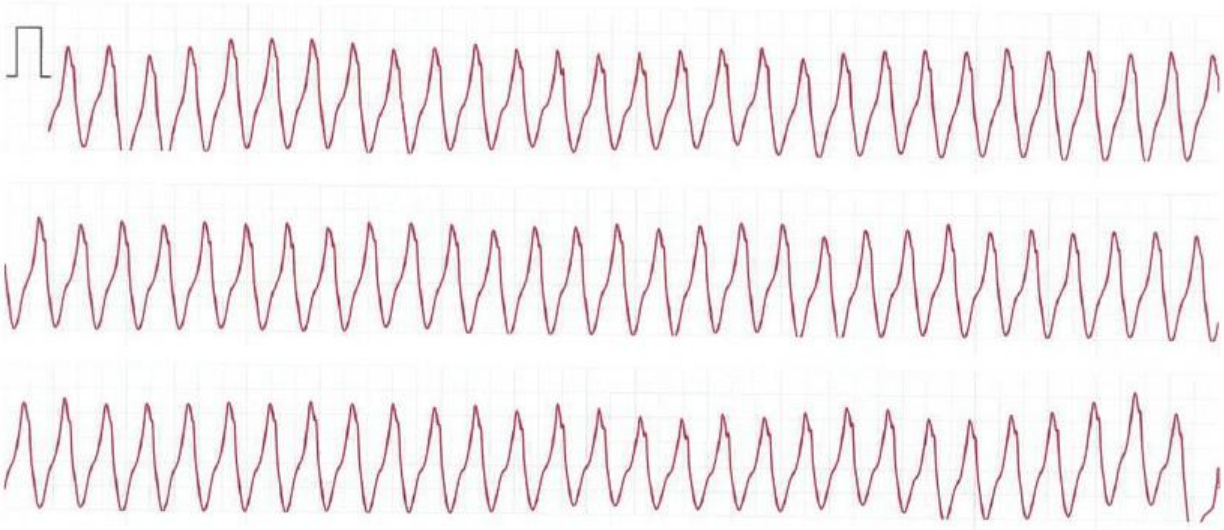
Puls er over 150 – ♥ 177 SPM i gennemsnit

Dette ekg blev ikke undersøgt for atrieflimren, fordi din puls var over 150 SPM.

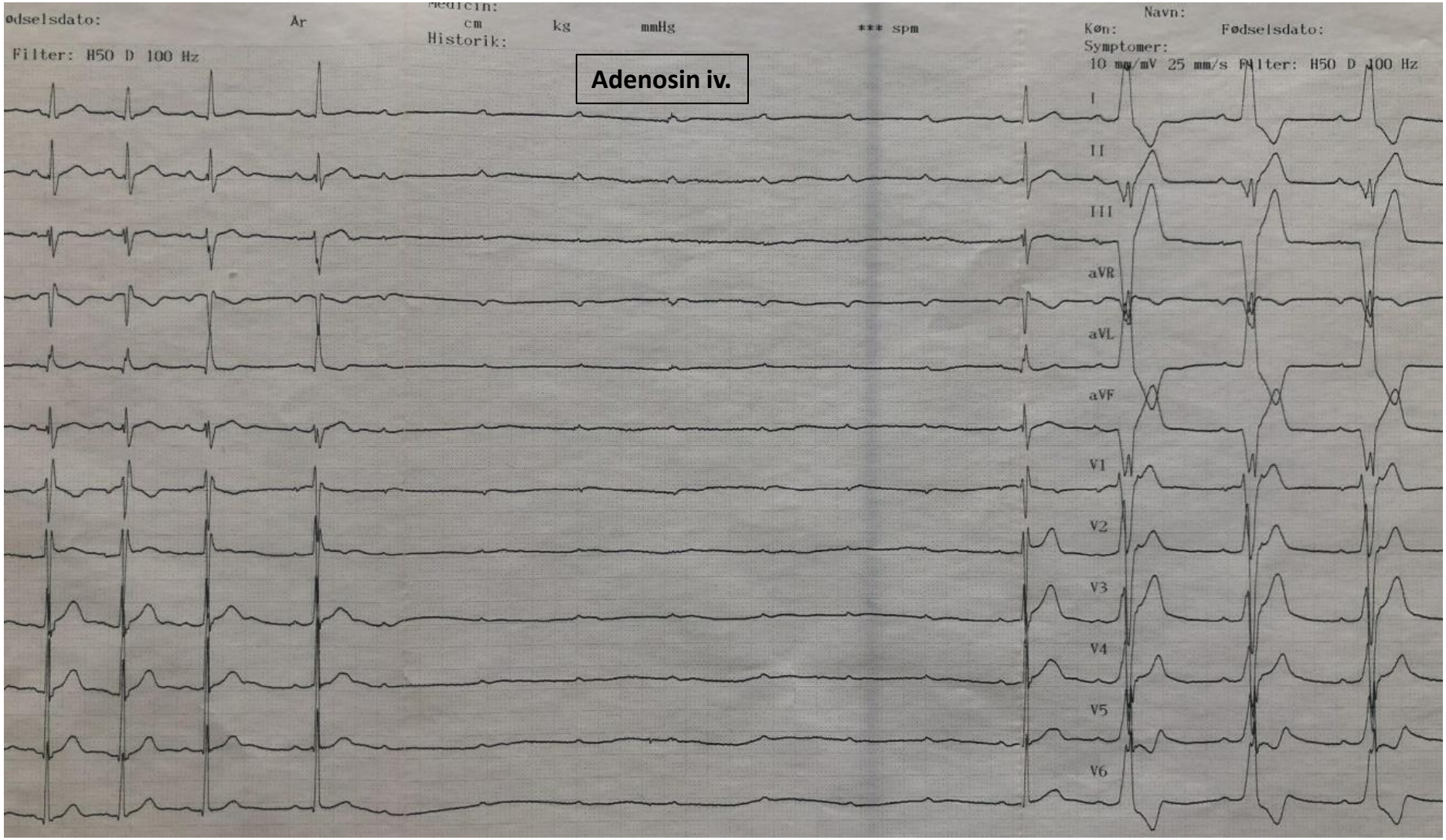
Hvis du gentagne gange får dette resultat, eller hvis du føler dig utilpas, bør du tale med din læge.

Rapporterede symptomer

- Hurtig puls, uregelmæssig hjerterytme eller hjertebanken
- Træthed
- Andet

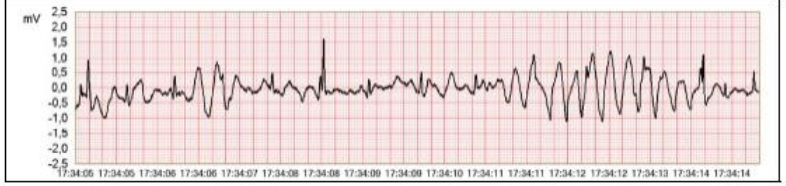


25 mm/s, 10 mm/mV, Elektrode I, 512 Hz, iOS 15.3.1, watchOS 8.4.2, Watch6,1, Algoritmeversion 2 – Bølgeformen svarer til et ekg med 1 afledning (Lead I ECG). Se brugermanualen for at få flere oplysninger.


Ødselsdato:
Ar
Medicin:
cm
kg
mmHg
*** spm
Historik:
Navn:
Køn:
Fødselsdato:
Symptomer:
Filter: H50 D 100 Hz
10 mm/mV 25 mm/s Filter: H50 D 100 Hz
Adenosin iv.
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

Case 62

Event detaljer:	Pause event grænseværdi: 3sek
Tid: 29. juni 2022 17:34:08	Kommentar: _____
Type: Pause	
Varighed: 5sek	
Hjertefrekvens i event af 7 slag: Lavest:17, Middel:56, Højest:205	

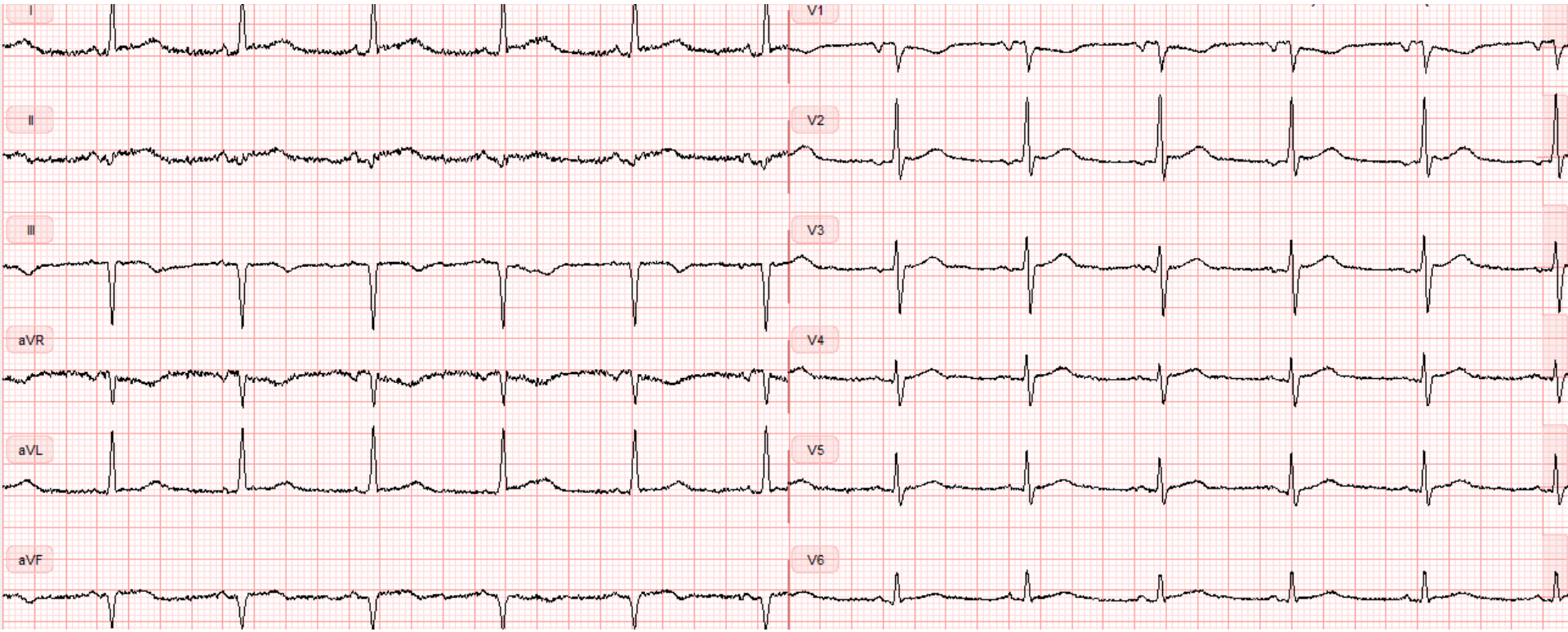


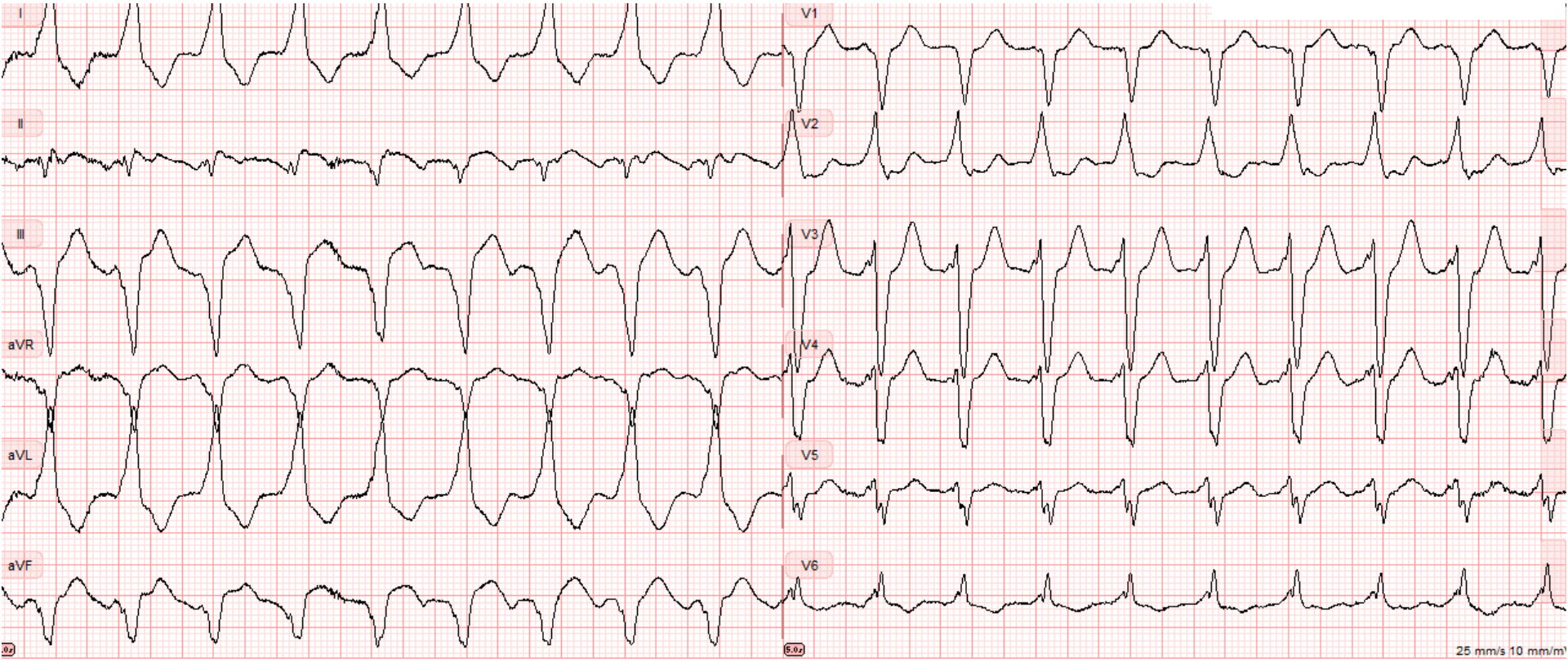
Event detaljer:	Pause event grænseværdi: 3sek
Tid: 29. juni 2022 17:40:11	Kommentar: _____
Type: Pause	
Varighed: 3sek	
Hjertefrekvens i event af 9 slag: Lavest:17, Middel:74, Højest:225	

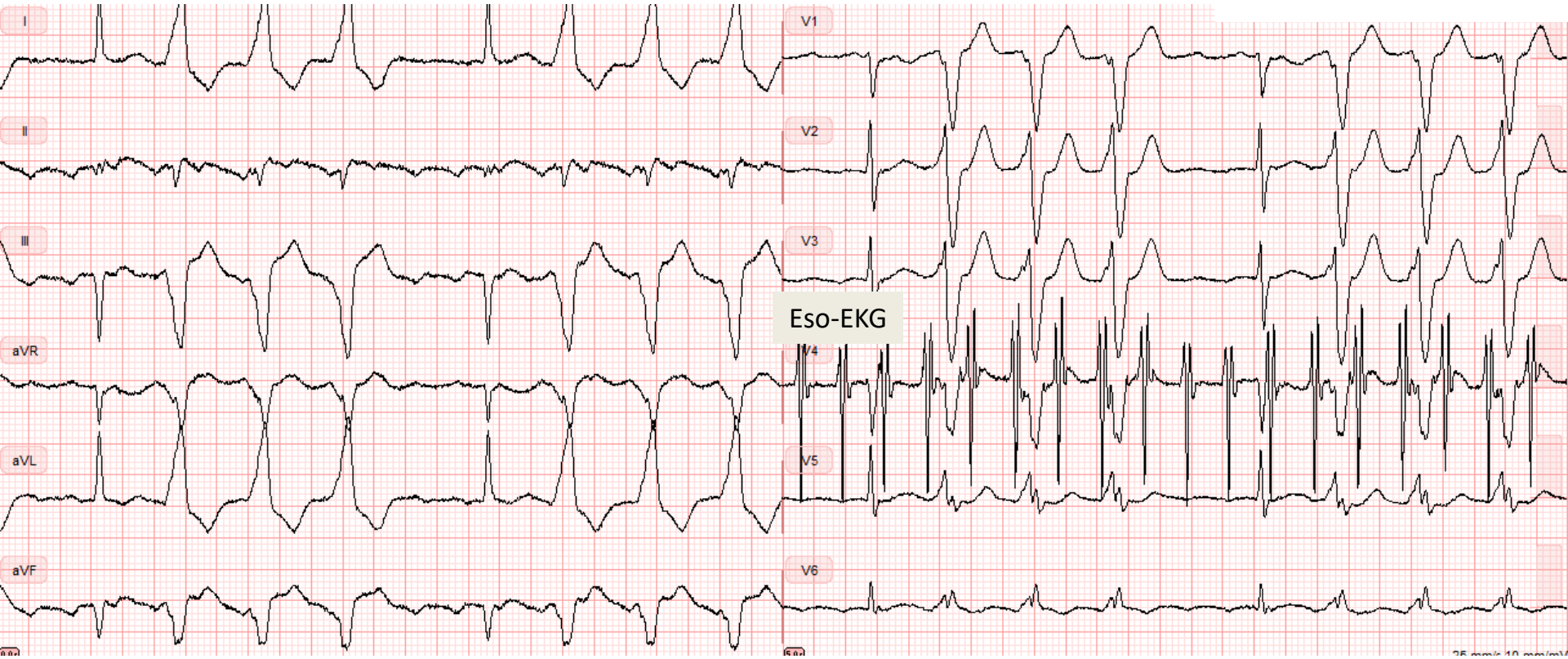
Event detaljer:	Pause event grænseværdi: 3sek
Tid: 29. juni 2022 18:36:07	Kommentar: _____
Type: Pause	
Varighed: 4sek	
Hjertefrekvens i event af 8 slag: Lavest:19, Middel:65, Højest:132	

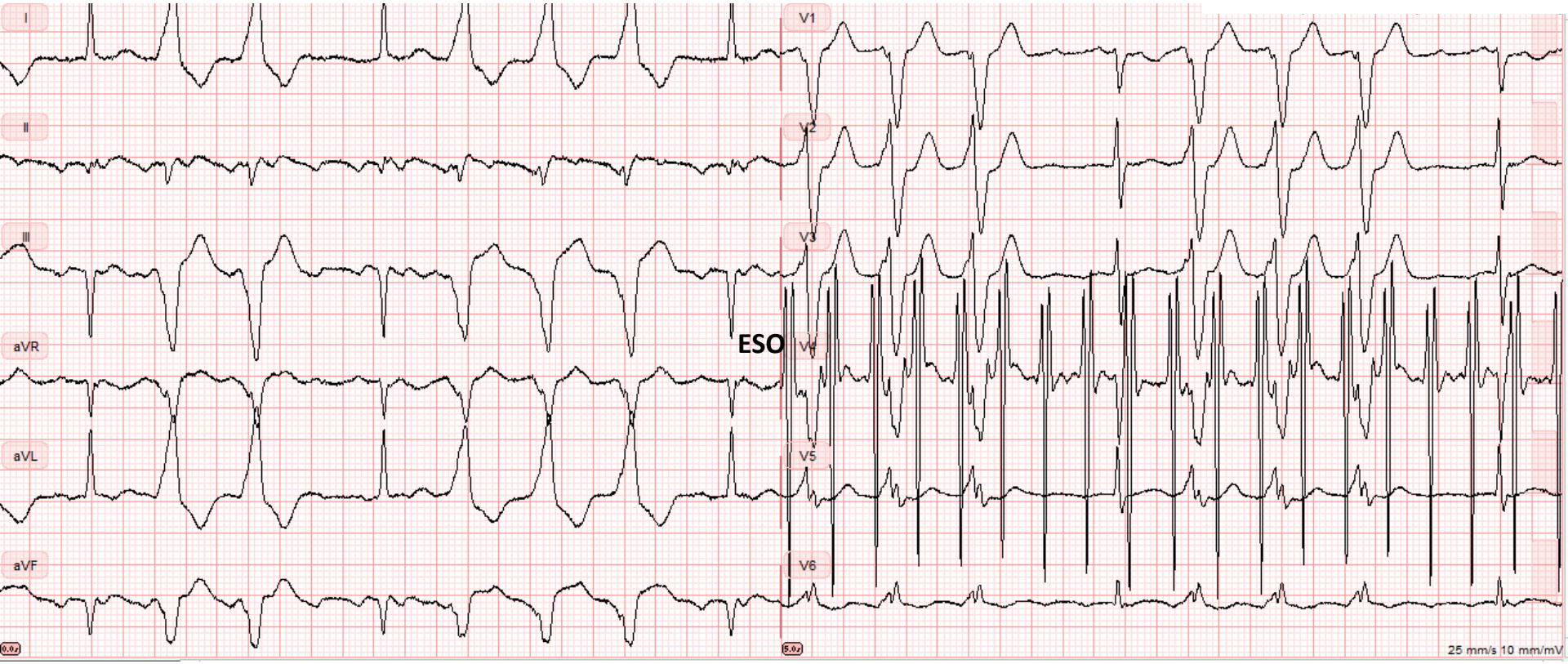

mV
2,5
2,0
1,5
1,0
0,5
0,0
-0,5
-1,0
-1,5
-2,0
-2,5
17:34:05 17:34:05 17:34:06 17:34:06 17:34:07 17:34:08 17:34:08 17:34:09 17:34:09 17:34:10 17:34:11 17:34:11 17:34:12 17:34:12 17:34:13 17:34:14 17:34:14

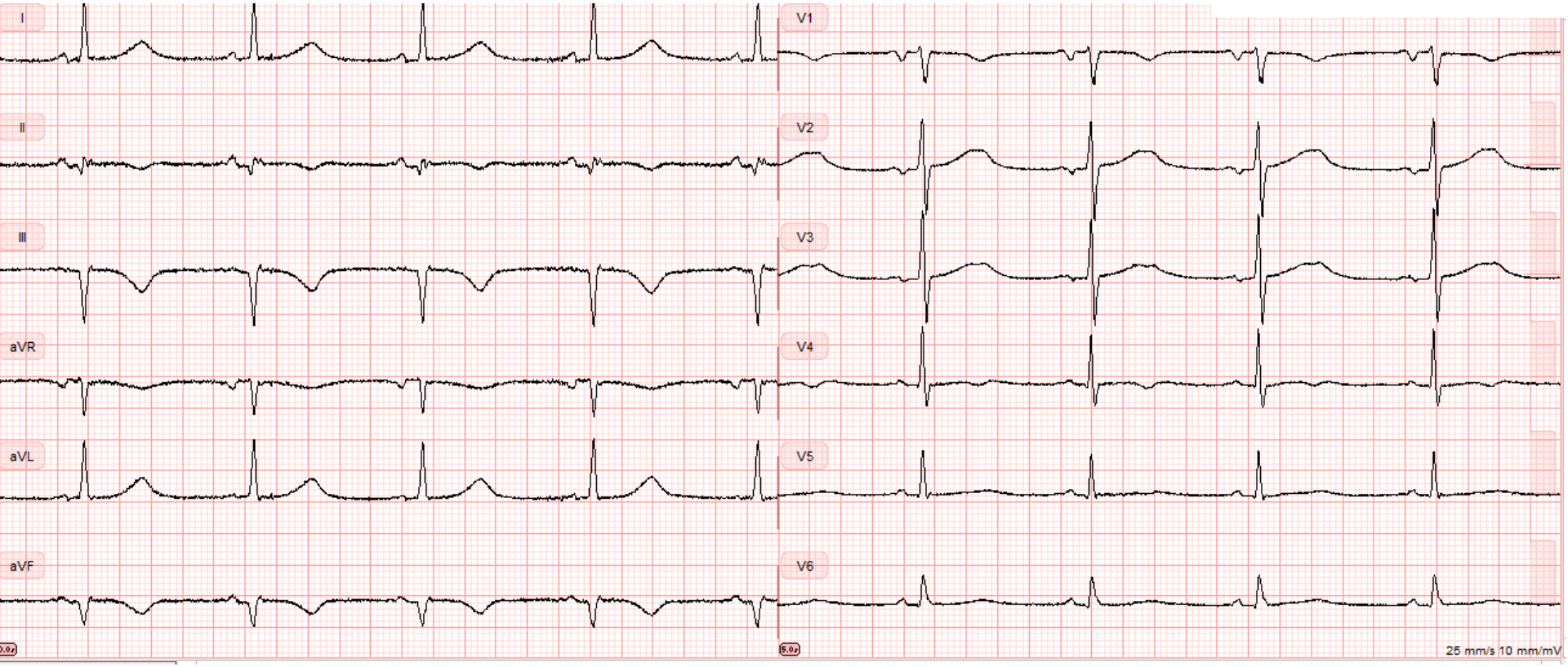
Case 63


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6

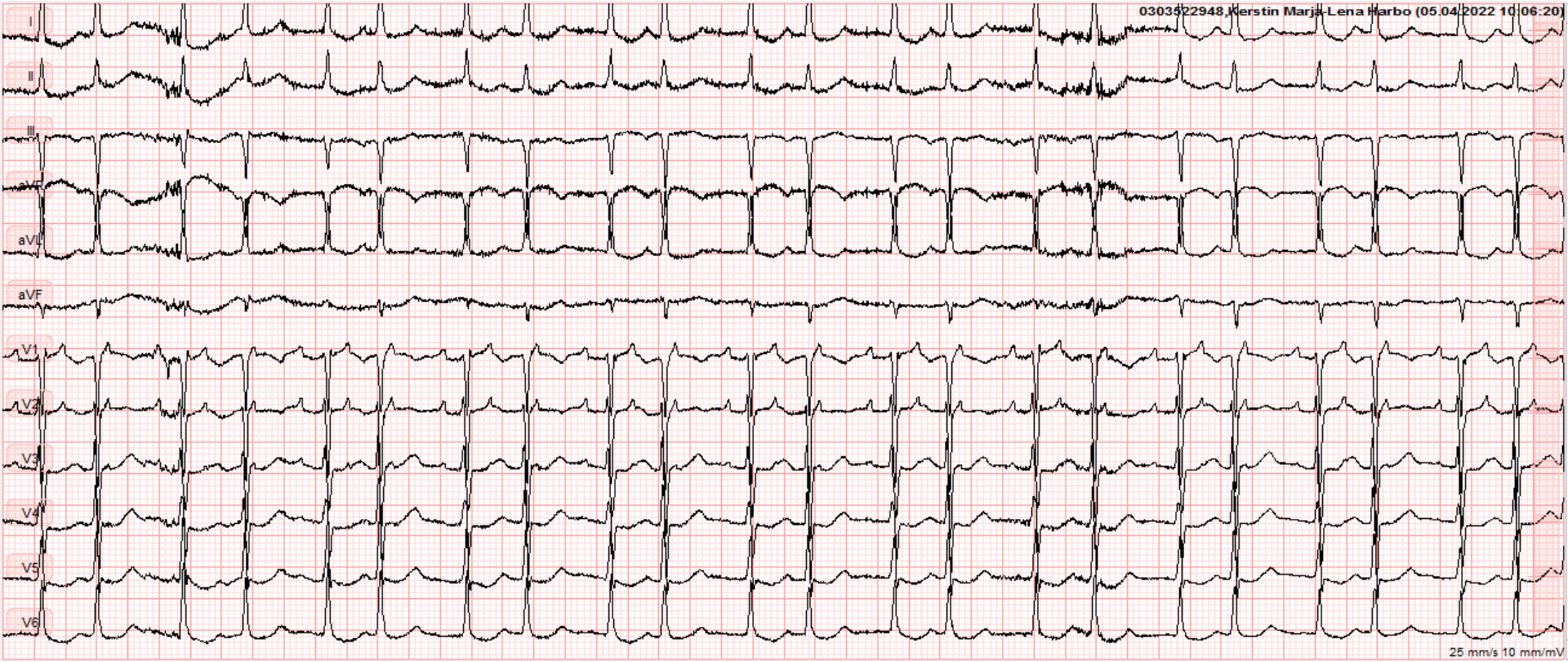

I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s 10 mm/mV


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
Eso-EKG


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
ESO
25 mm/s 10 mm/mV

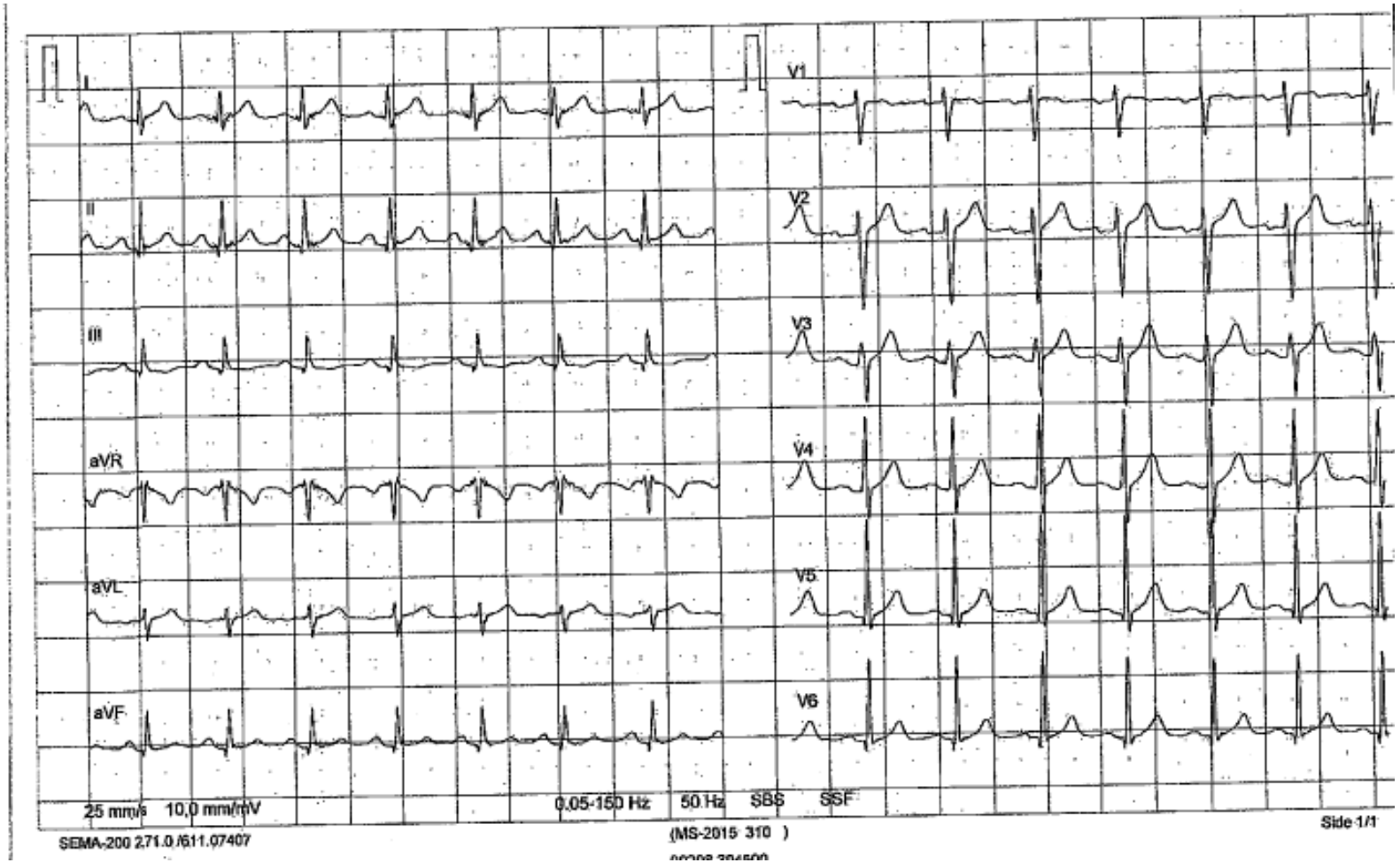

I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s 10 mm/mV

Case 64

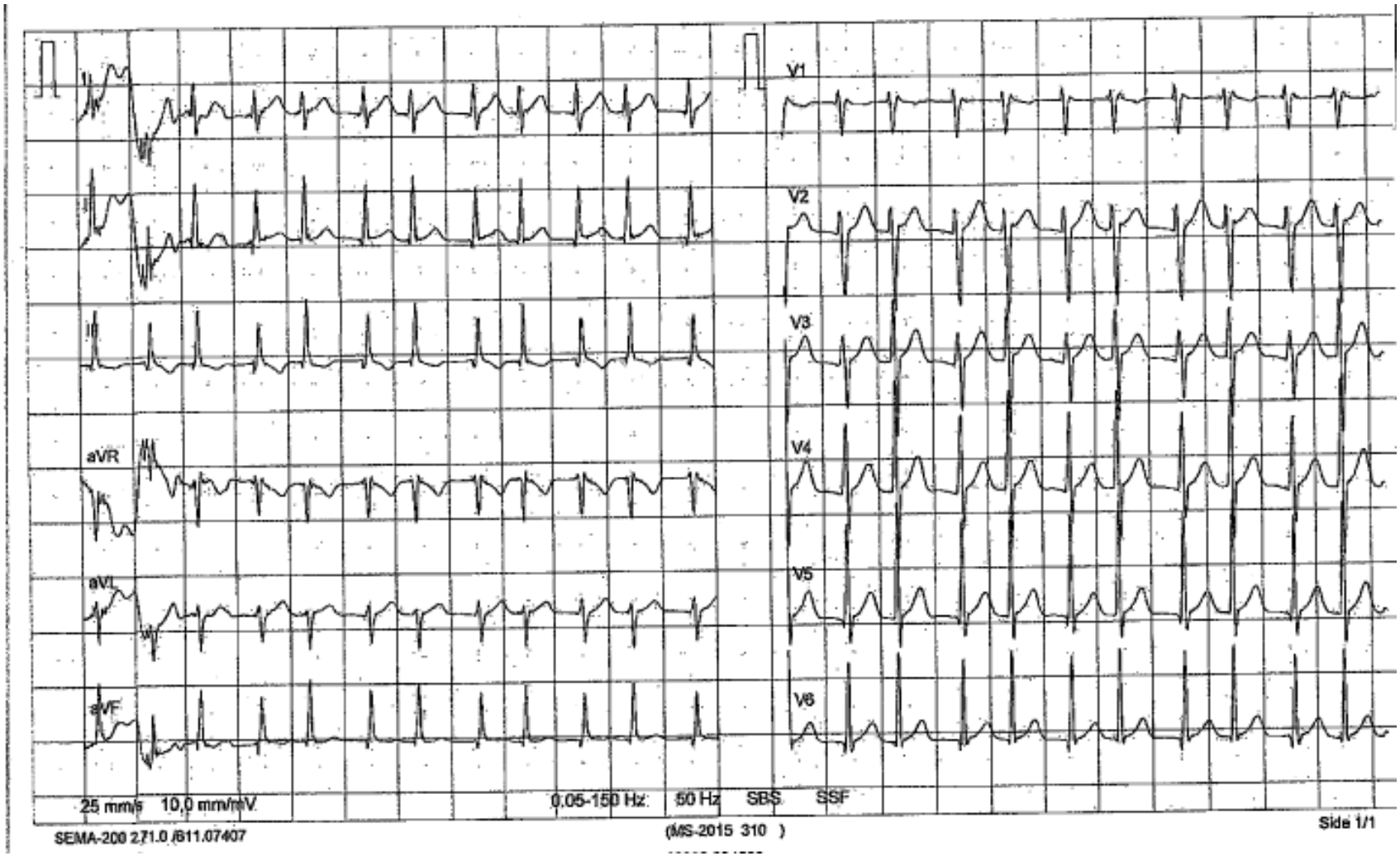

0303522948,Kerstin Marja-Lena Harbo (05.04.2022 10:06:20)
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s 10 mm/mV

Case 65

65 a


I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s 10,0 mm/mV
0.05-150 Hz 50 Hz SBS SSF
SEMA-200 271.0 /611.07407
(MS-2015 310)
Side 1/1

65 b

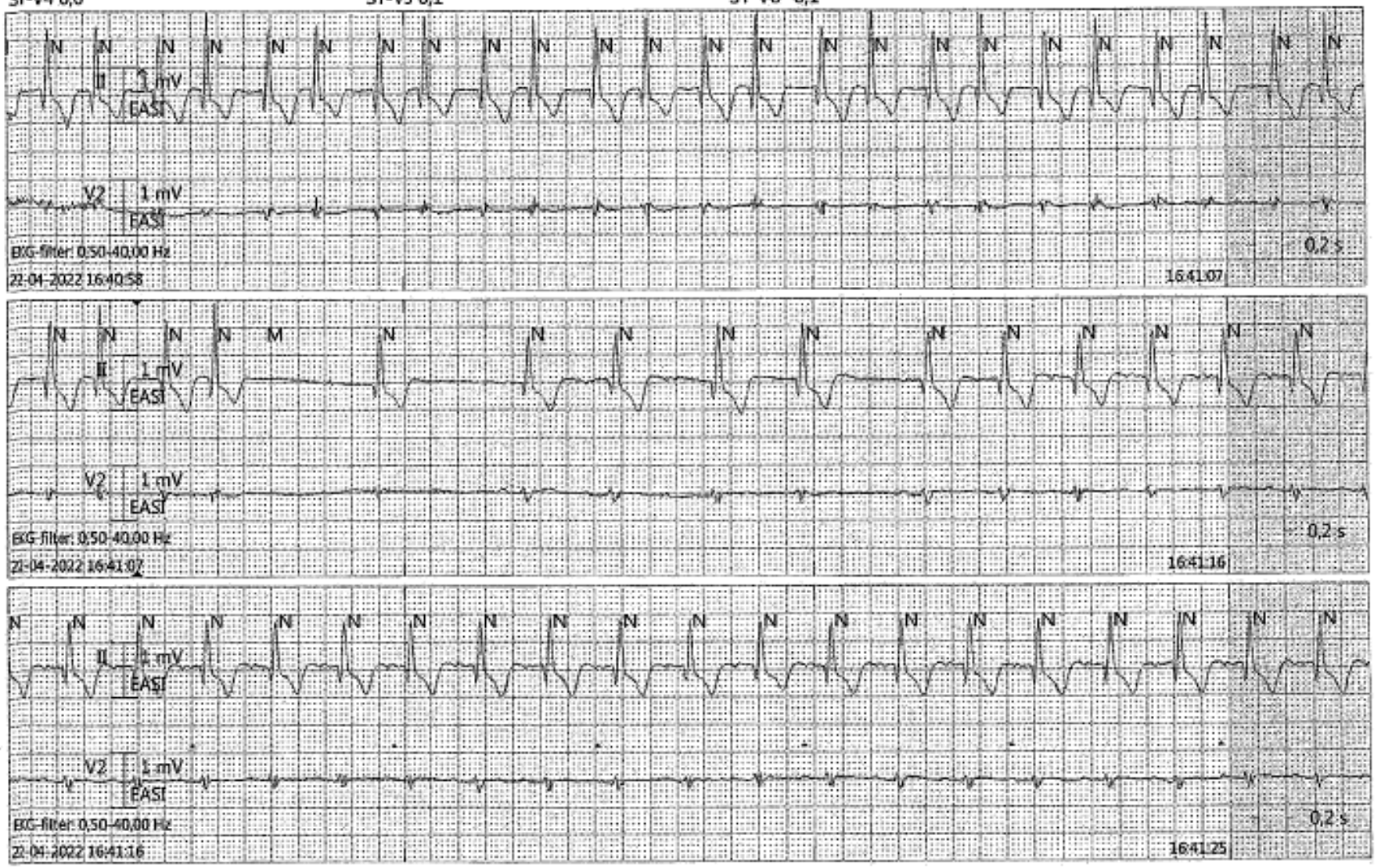

V1
V2
V3
V4
V5
V6
aVR
aVL
aVF
25 mm/s 10,0 mm/mV
0,05-150 Hz 50 Hz SBS SSF
SEMA-200 271.0 /611.07407
(MS-2015 310)
Side 1/1

65 c

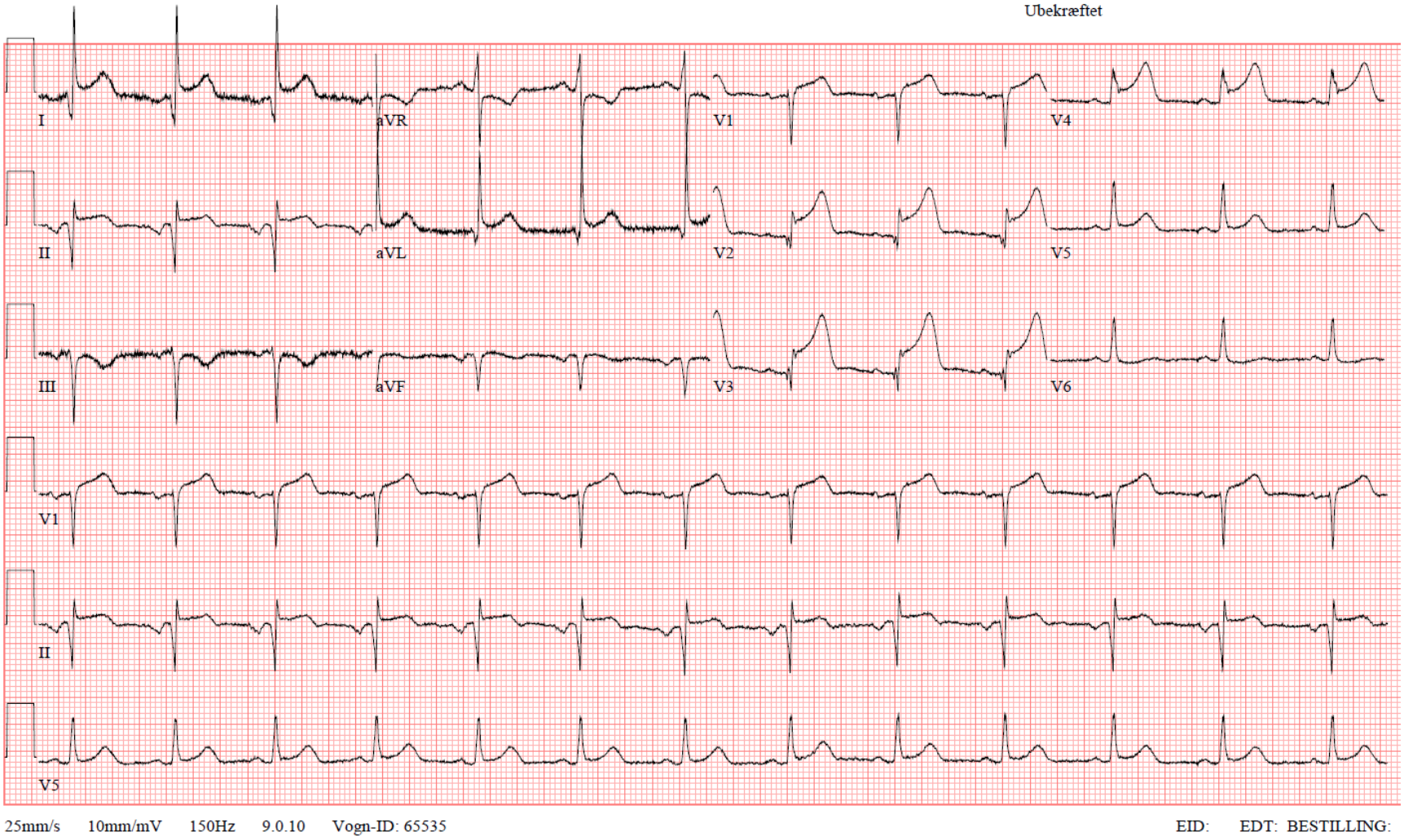
Vitale param.:

I.V ADENOSIN 6 mg

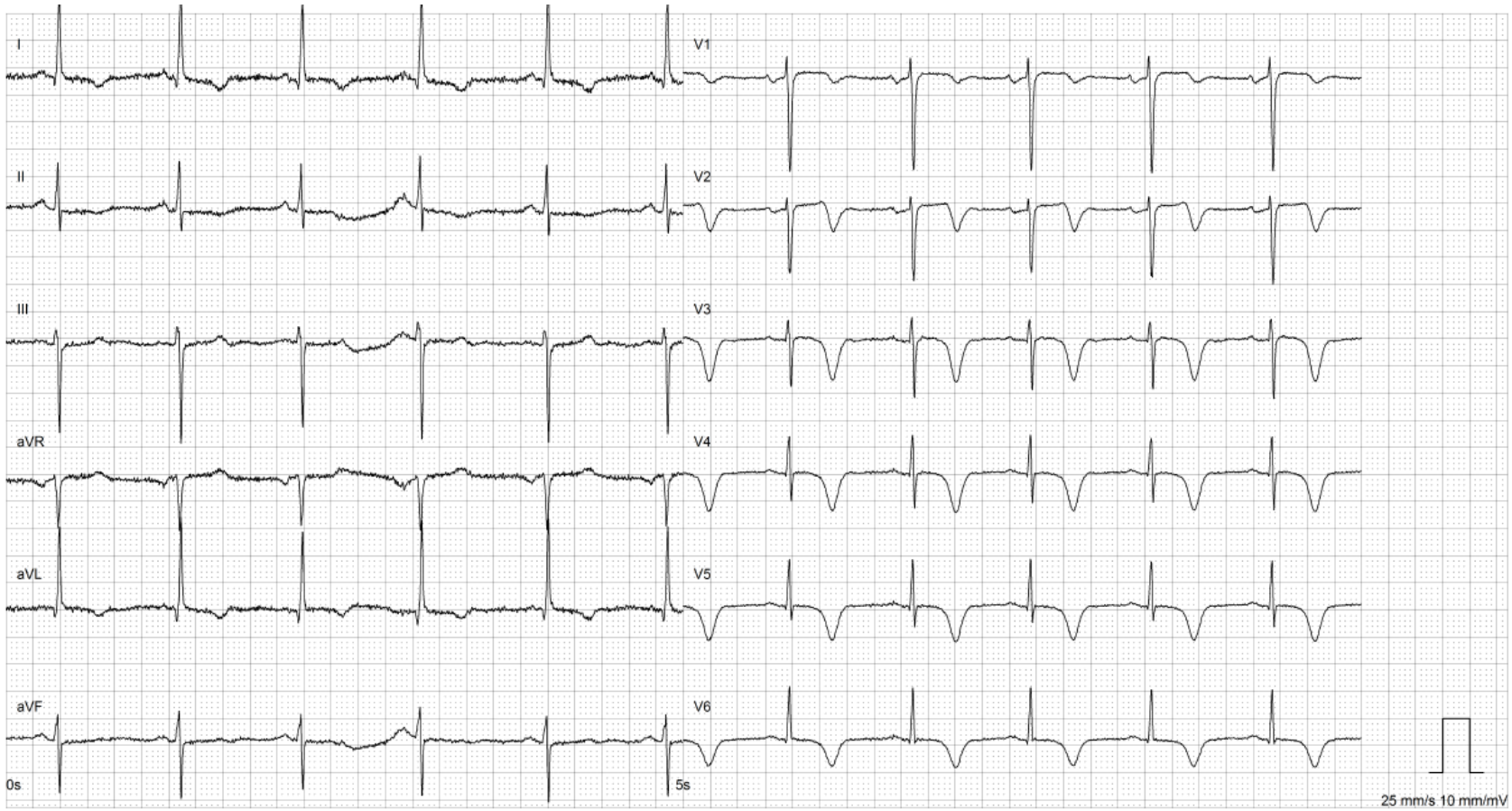
HF 147	VES 0	STindx 2,8	ST-I 1,0
ST-II -2,1	ST-III -3,1	ST-aVR 0,6	ST-aVL 2,0
ST-aVF -2,6	ST-V1 -0,8	ST-V2 -0,1	ST-V3 -0,1
ST-V4 0,0	ST-V5 0,1	ST-V6 -0,1	



Case 66



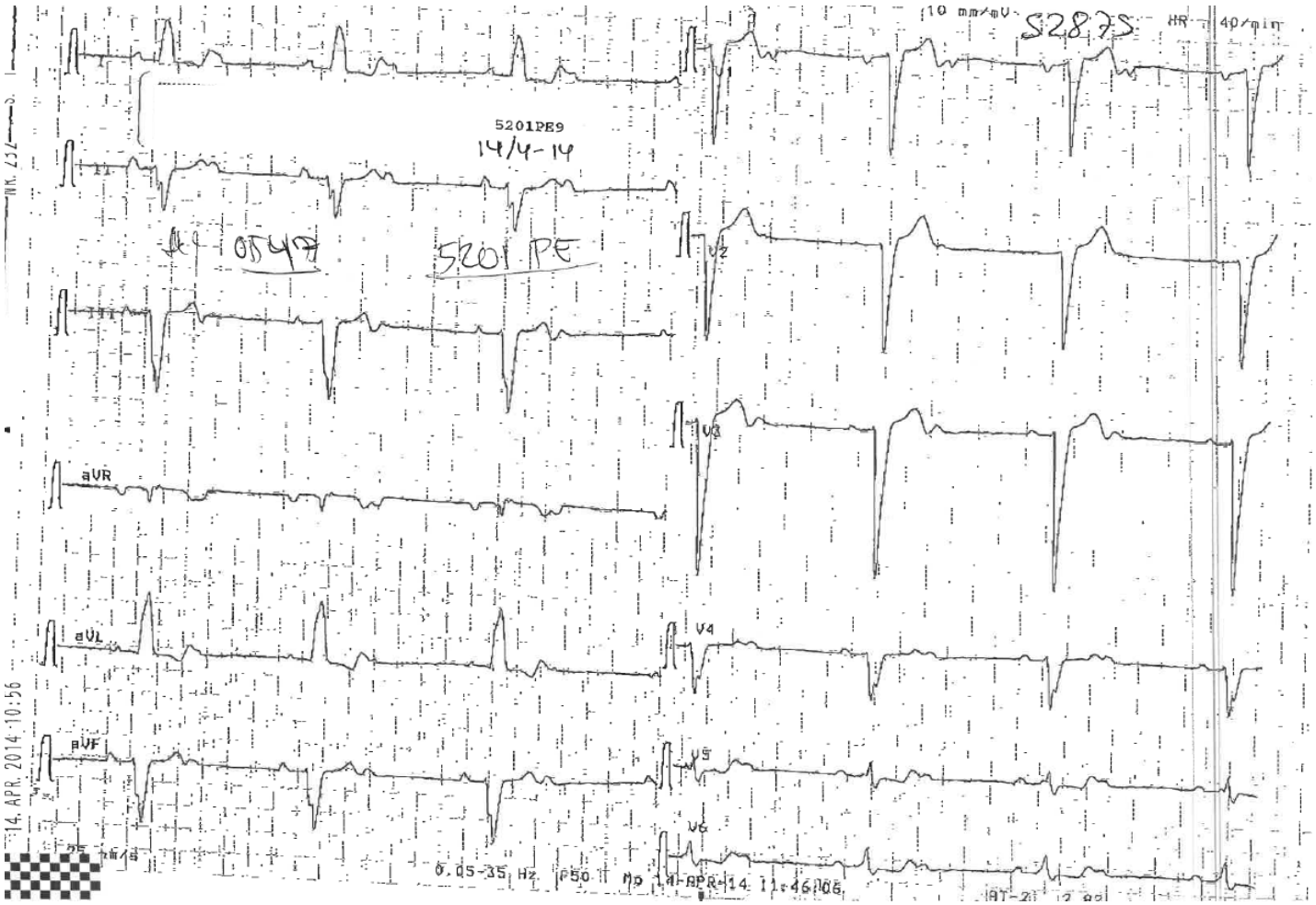
t = 1 time efter debut



t = 1 døgn efter debut

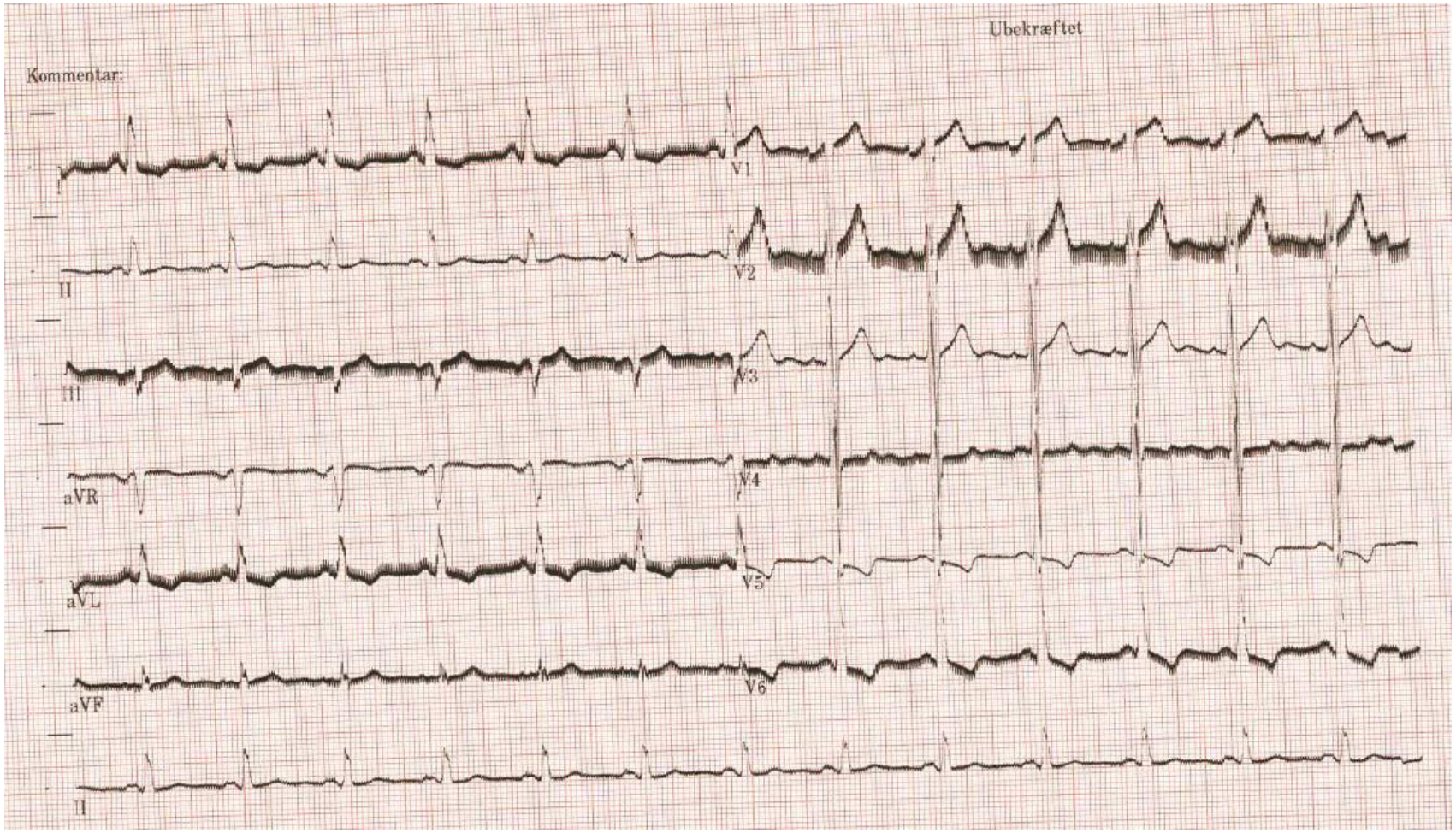
Hvorfor ses ST-elevation ved STEMI?

Case 67

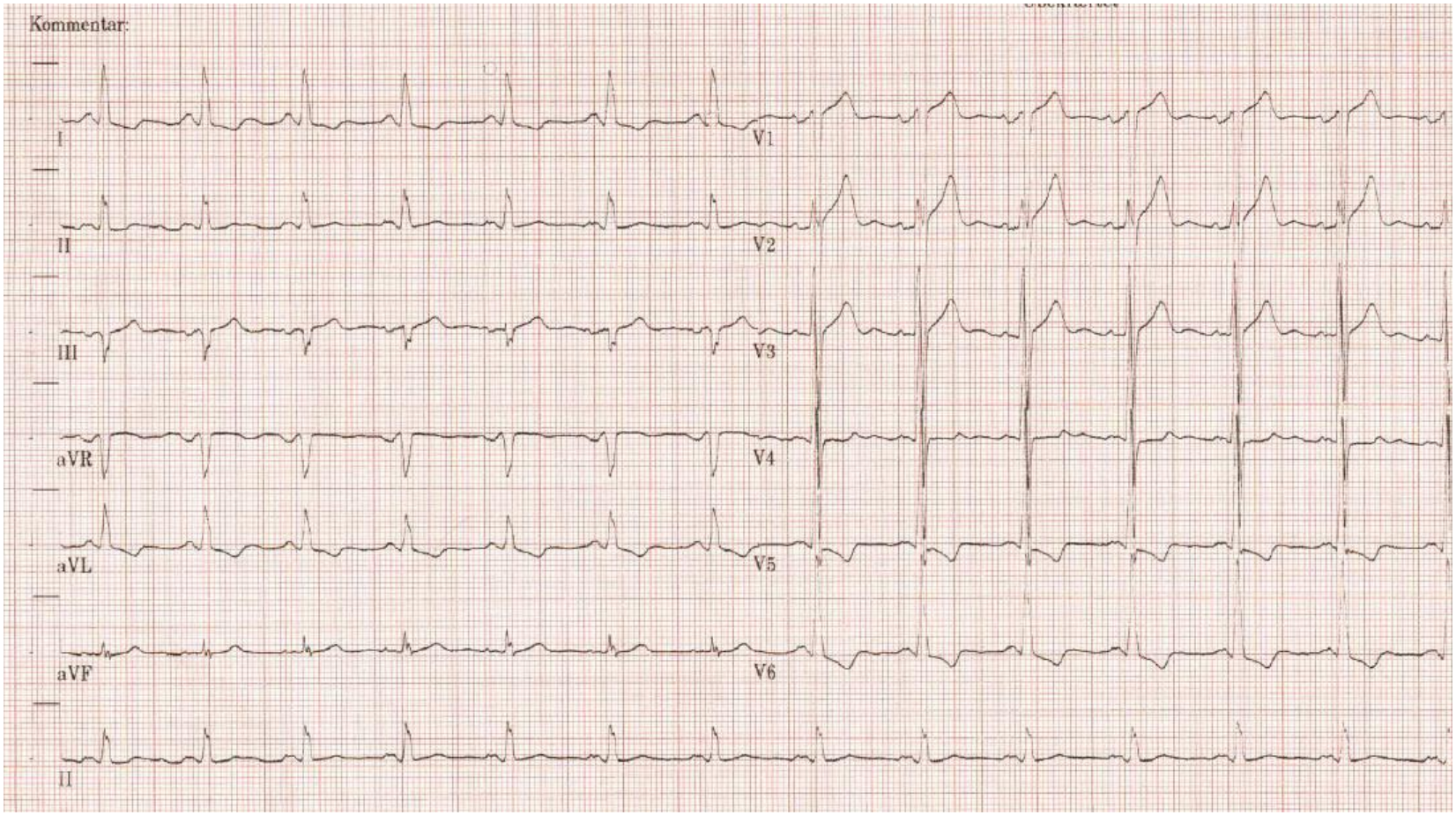

10 mm/mV
S287S
HR 40/min
5201PE9
14/4-14
4 - 0547
5201 PE
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
25 mm/s
0.05-35 Hz
P50 Mo 14-APR-14 11:46:06
14. APR. 2014 10:56

Case 68

68 a

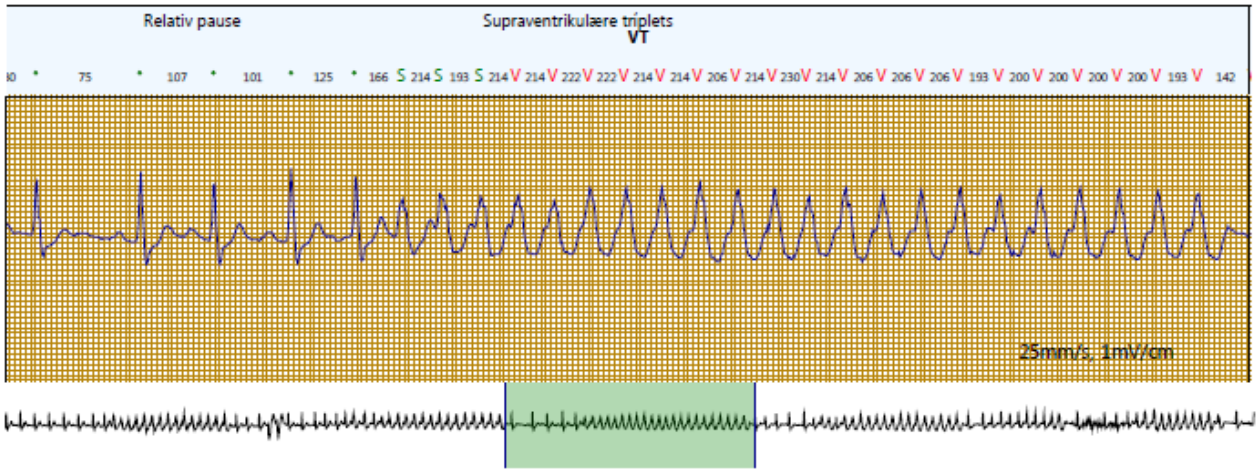


68 b

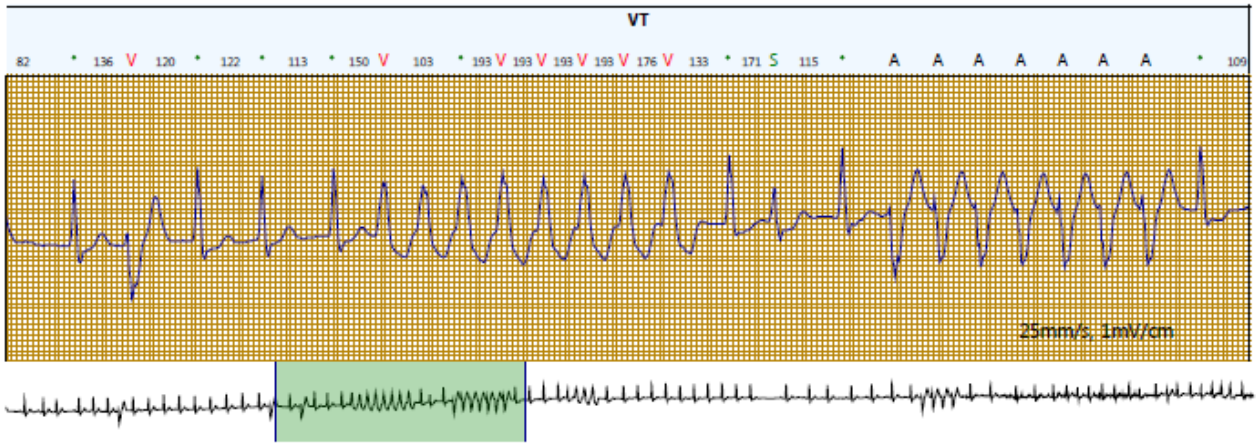


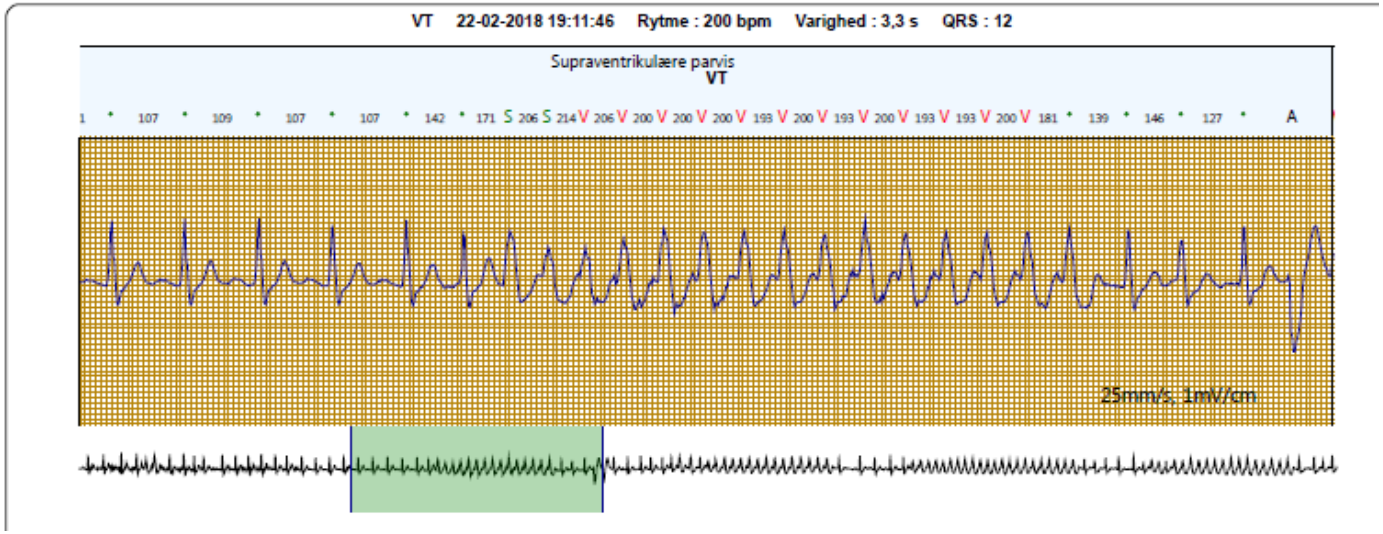
Case 69

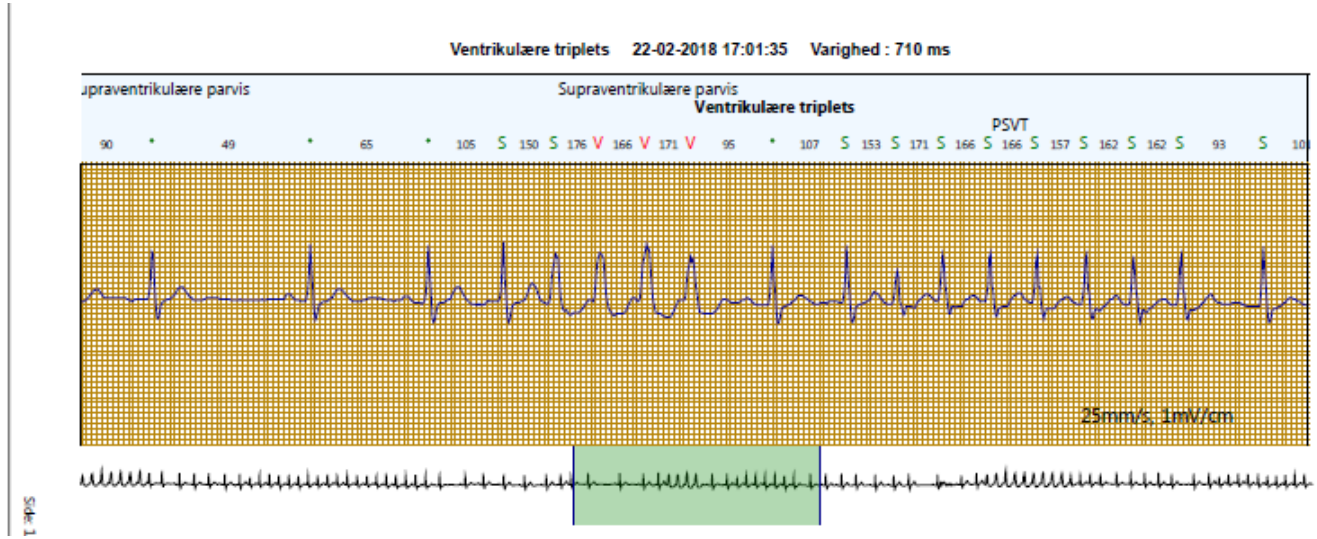
VT 22-02-2018 19:12:04 Rytme : 194 bpm Varighed : 6,9 s QRS : 23



VT 22-02-2018 19:13:40 Rytme : 194 bpm Varighed : 1,3 s QRS : 5

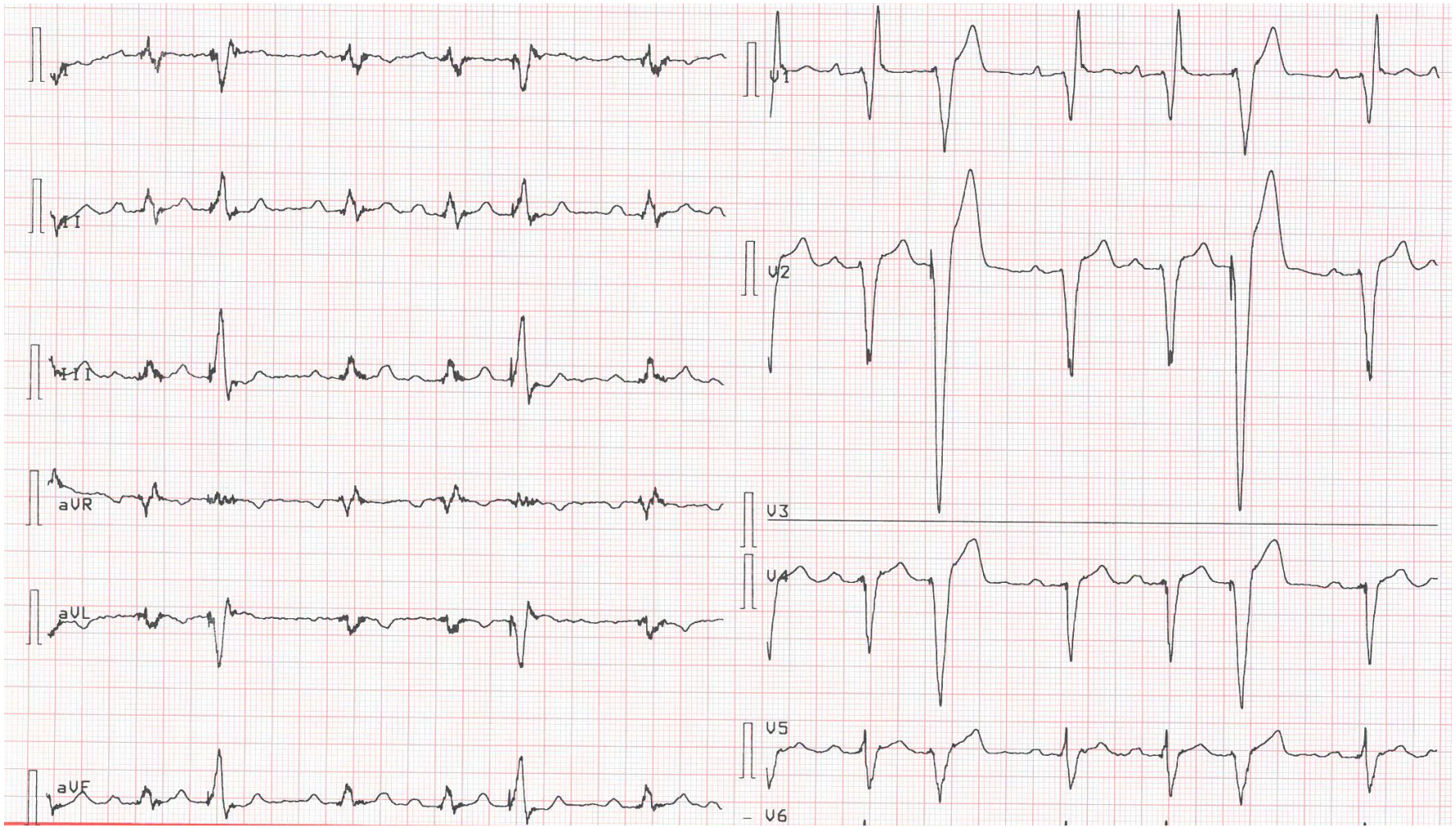



VT 22-02-2018 19:11:46 Rytme : 200 bpm Varighed : 3,3 s QRS : 12
Supraventrikulære parvis
VT
25mm/s, 1mV/cm

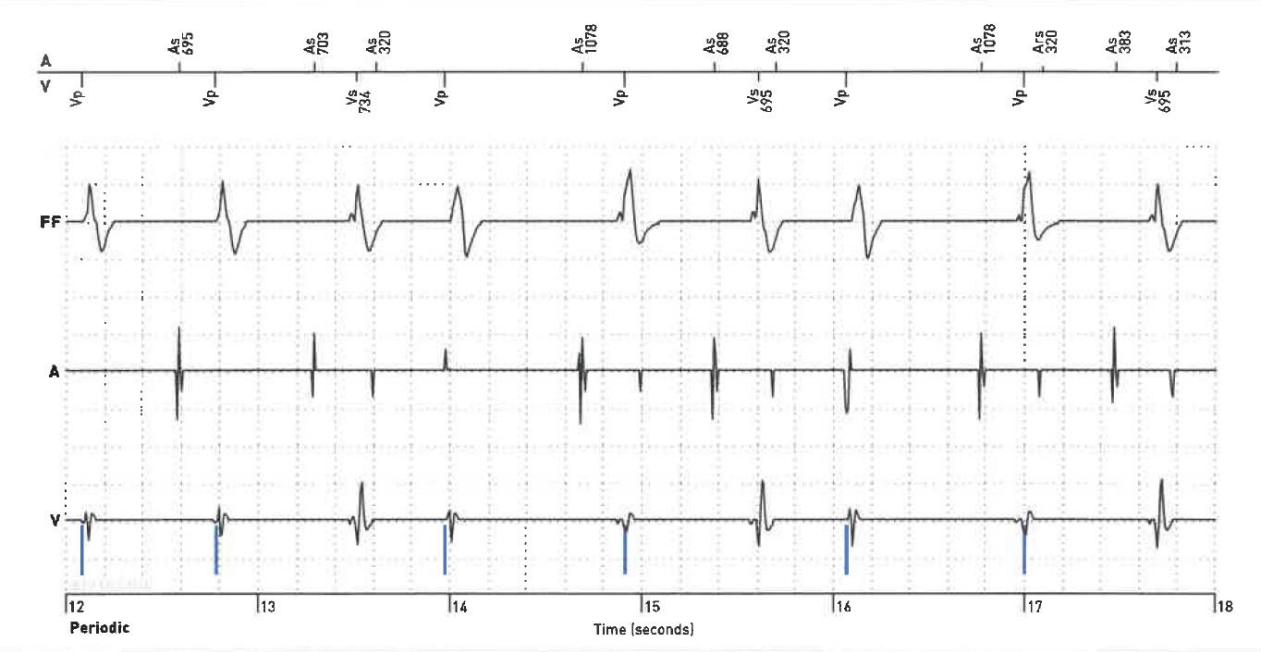

Ventrikulære triplets 22-02-2018 17:01:35 Varighed : 710 ms
Supraventrikulære parvis
Ventrikulære triplets
PSVT
25mm/s, 1mV/cm

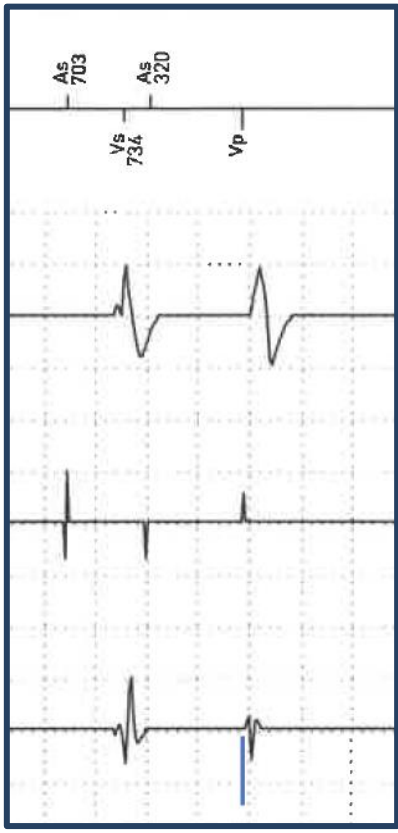
Case 70

70 a

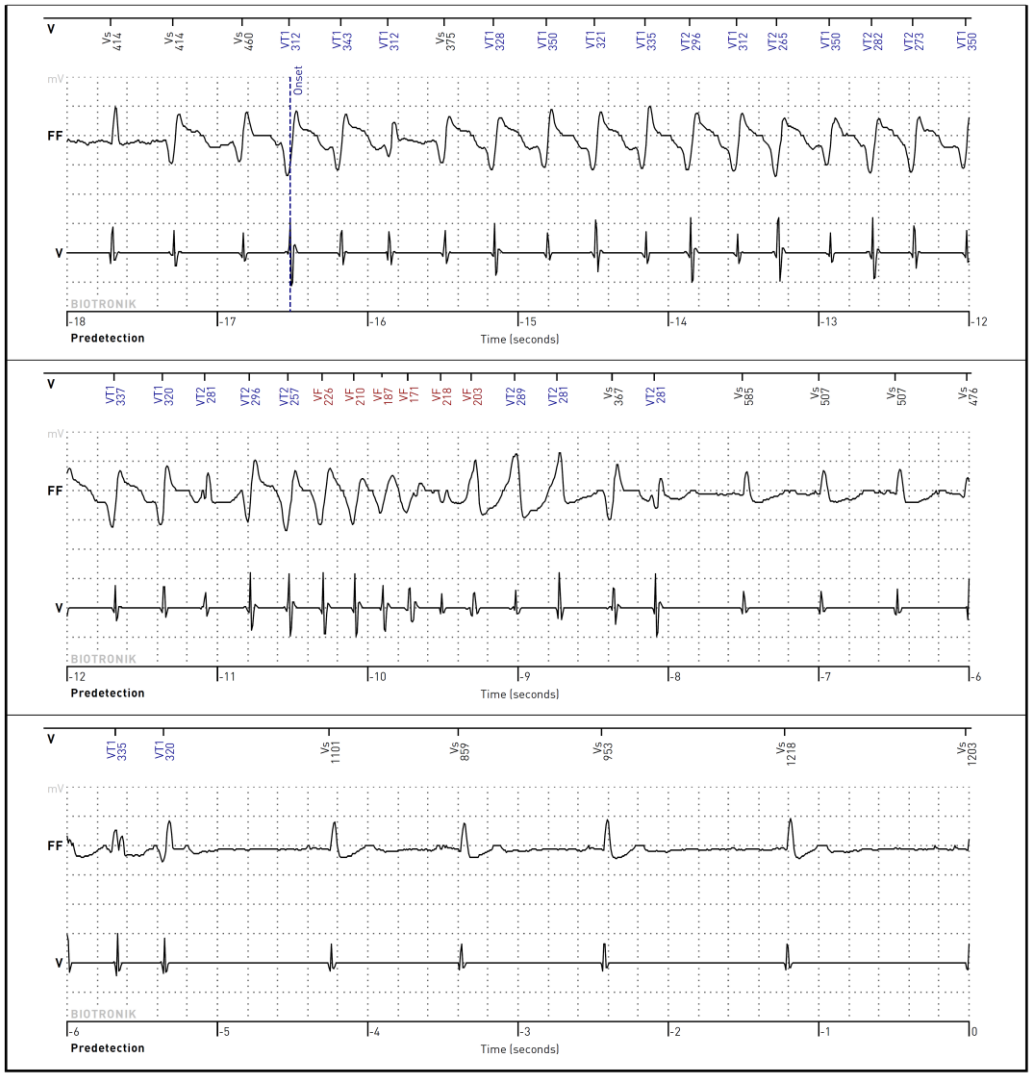


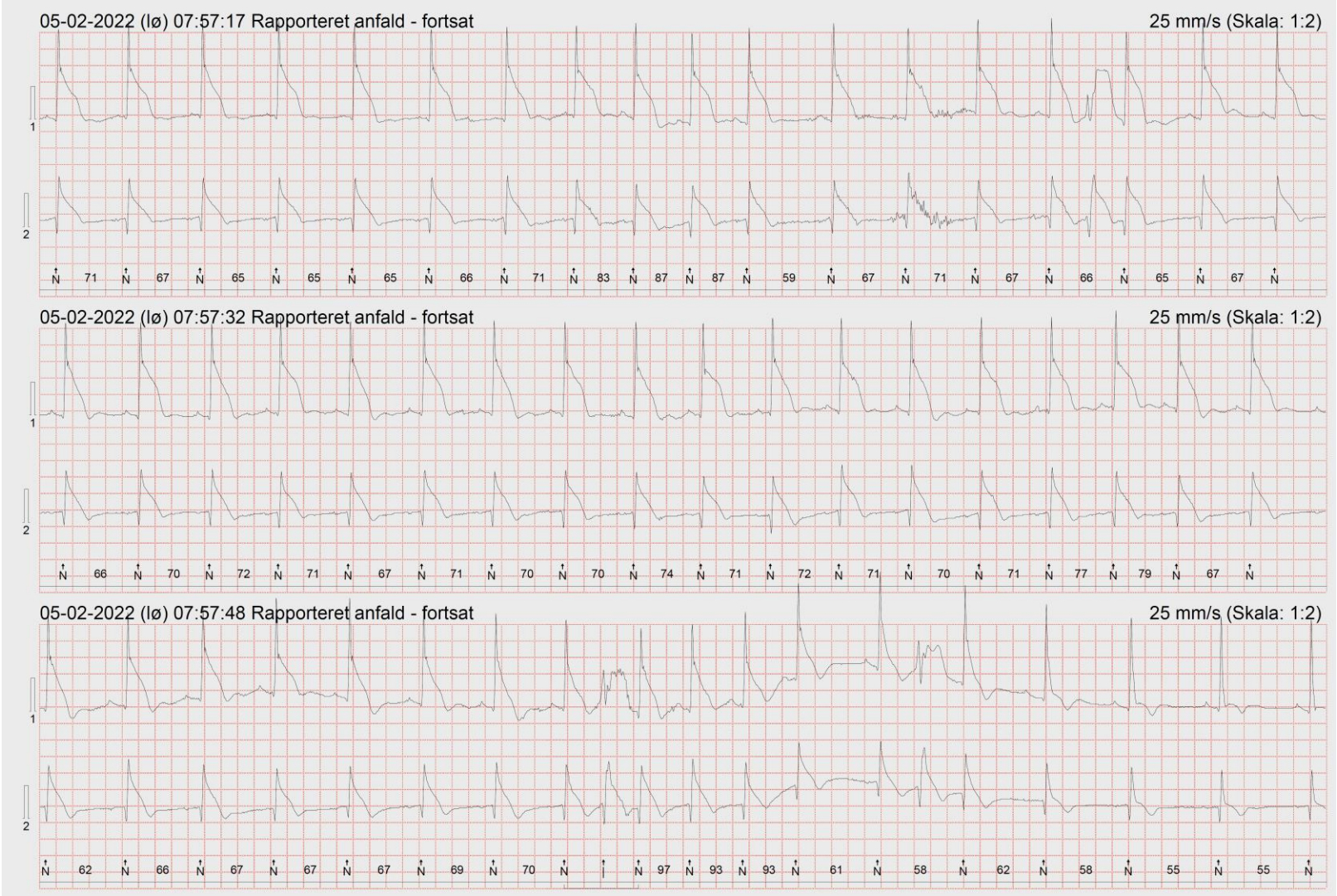
70 b


A
V
As 695
As 703
As 320
As 1078
As 688
As 320
As 1078
Ars 320
As 383
As 313
Vp
Vp
Vs 734
Vp
Vp
Vs 695
Vp
Vp
Vs 695
FF
A
V
12
13
14
15
16
17
18
Periodic
Time (seconds)

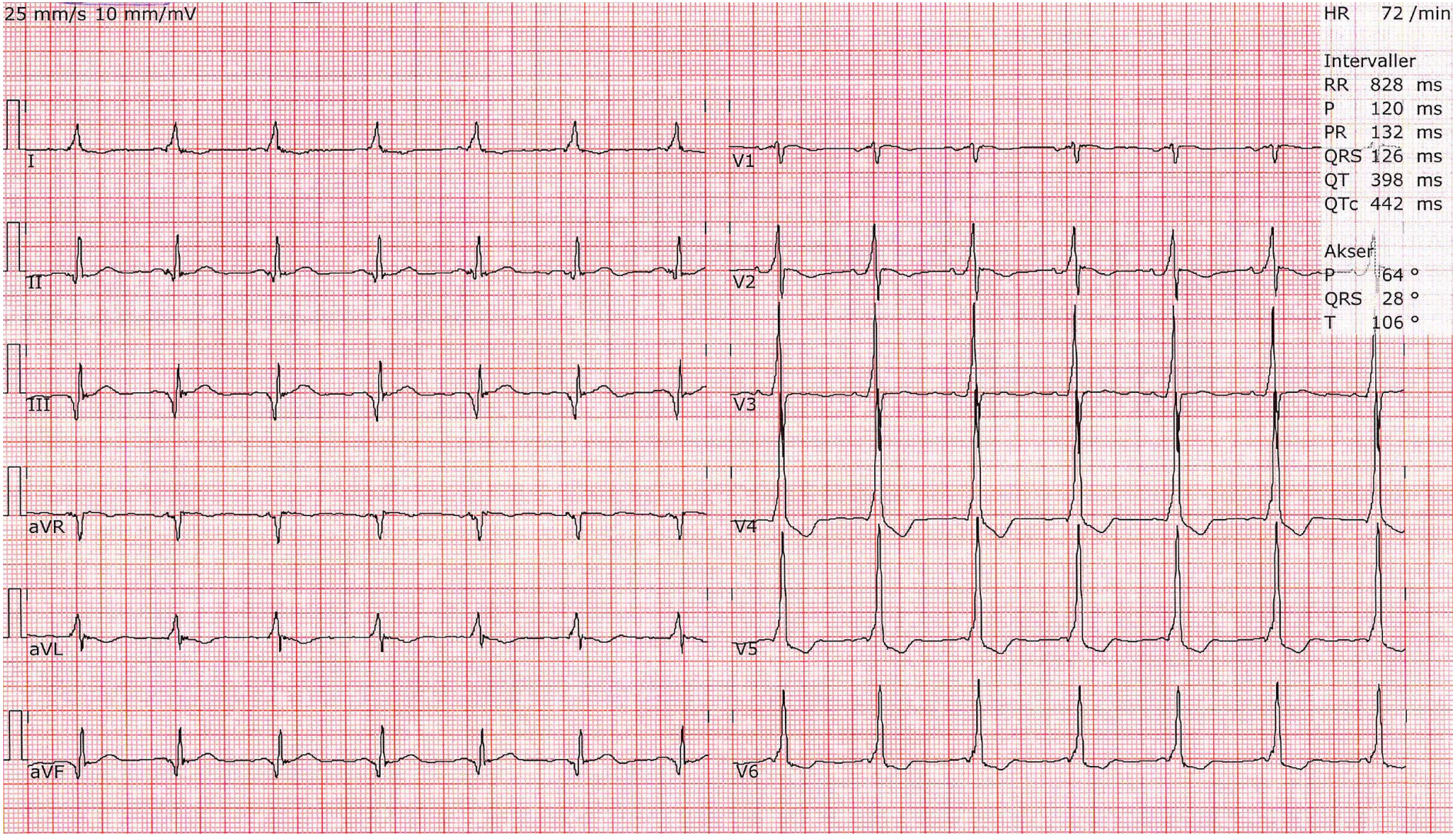

As 703
As 320
Vs 734
Vp

Case 71

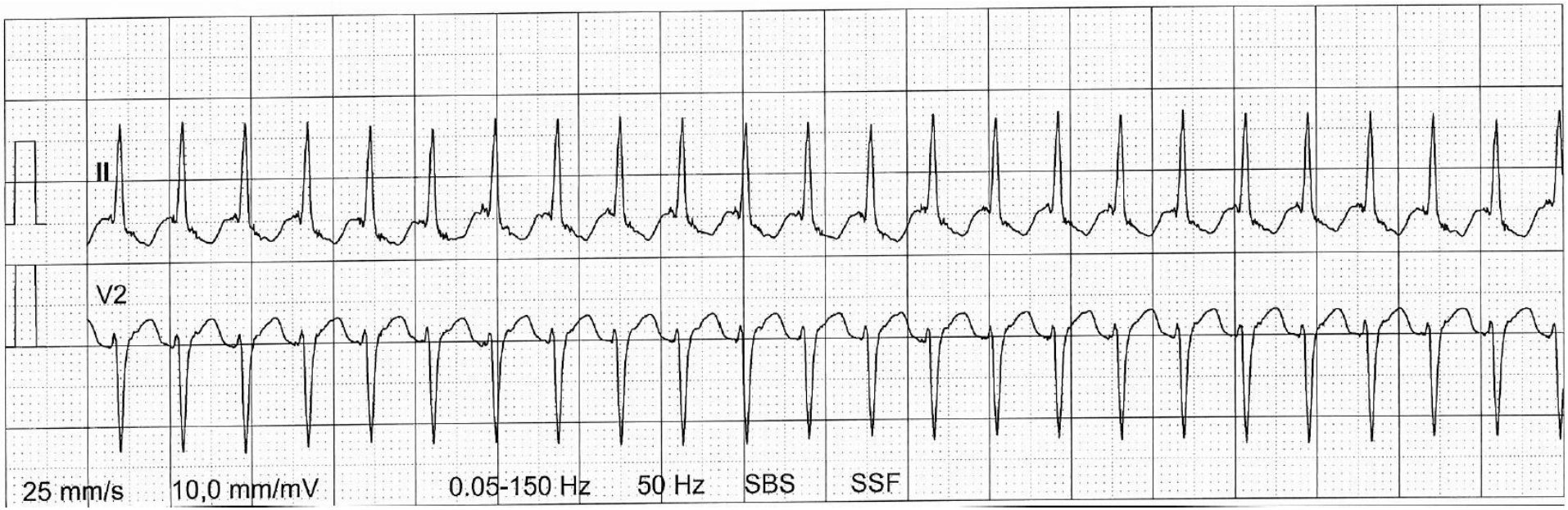

V
Vs 414
Vs 414
Vs 460
VT1 312
VT1 343
VT1 312
Vs 375
VT1 328
VT1 350
VT1 321
VT1 335
VT2 296
VT1 312
VT2 265
VT1 350
VT2 282
VT2 273
VT1 350
Onset
mV
FF
V
BIOTRONIK
-18
-17
-16
-15
-14
-13
-12
Predetection
Time (seconds)
V
VT1 337
VT1 320
VT2 261
VT2 296
VT2 257
VF 226
VF 210
VF 187
VF 171
VF 218
VF 203
VT2 289
VT2 281
Vs 367
VT2 281
Vs 585
Vs 507
Vs 507
Vs 476
mV
FF
V
BIOTRONIK
-12
-11
-10
-9
-8
-7
-6
Predetection
Time (seconds)
V
VT1 335
VT1 320
Vs 1101
Vs 859
Vs 953
Vs 1218
Vs 1203
mV
FF
V
BIOTRONIK
-6
-5
-4
-3
-2
-1
0
Predetection
Time (seconds)

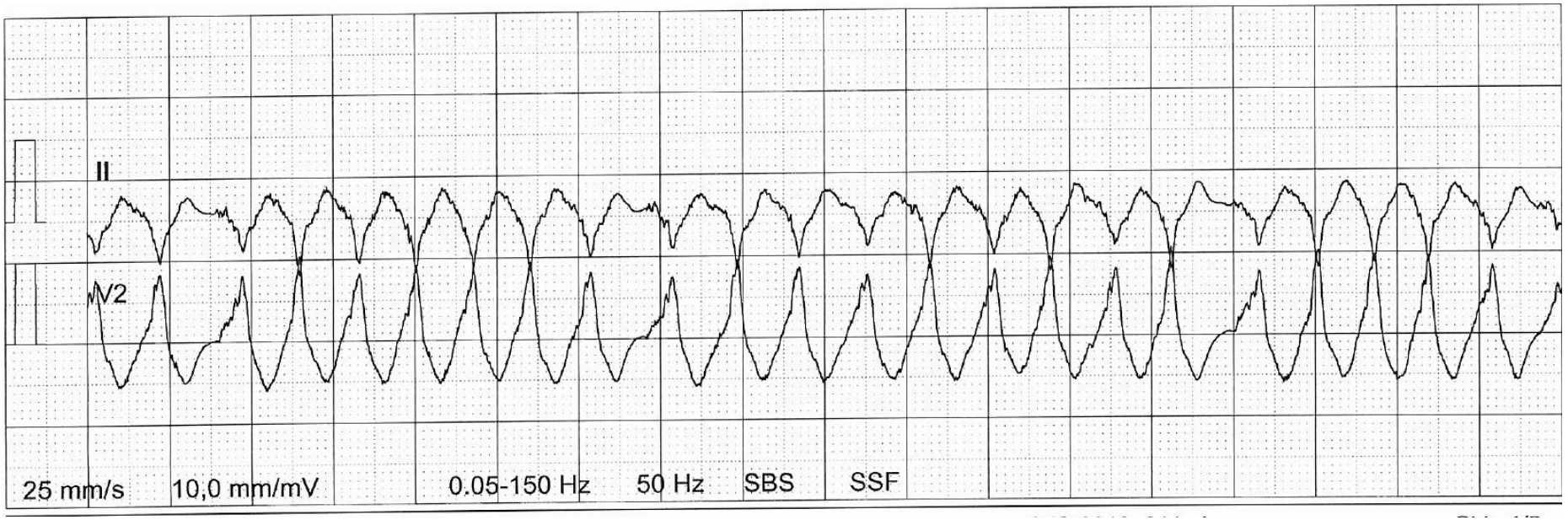

05-02-2022 (lø) 07:57:17 Rapporteret anfald - fortsat
25 mm/s (Skala: 1:2)
1
2
N 71 N 67 N 65 N 65 N 65 N 66 N 71 N 83 N 87 N 87 N 59 N 67 N 71 N 67 N 66 N 65 N 67 N
05-02-2022 (lø) 07:57:32 Rapporteret anfald - fortsat
25 mm/s (Skala: 1:2)
1
2
N 66 N 70 N 72 N 71 N 67 N 71 N 70 N 70 N 74 N 71 N 72 N 71 N 70 N 71 N 77 N 79 N 67 N
05-02-2022 (lø) 07:57:48 Rapporteret anfald - fortsat
25 mm/s (Skala: 1:2)
1
2
N 62 N 66 N 67 N 67 N 67 N 67 N 69 N 70 N N 97 N 93 N 93 N 61 N 58 N 62 N 58 N 55 N 55 N

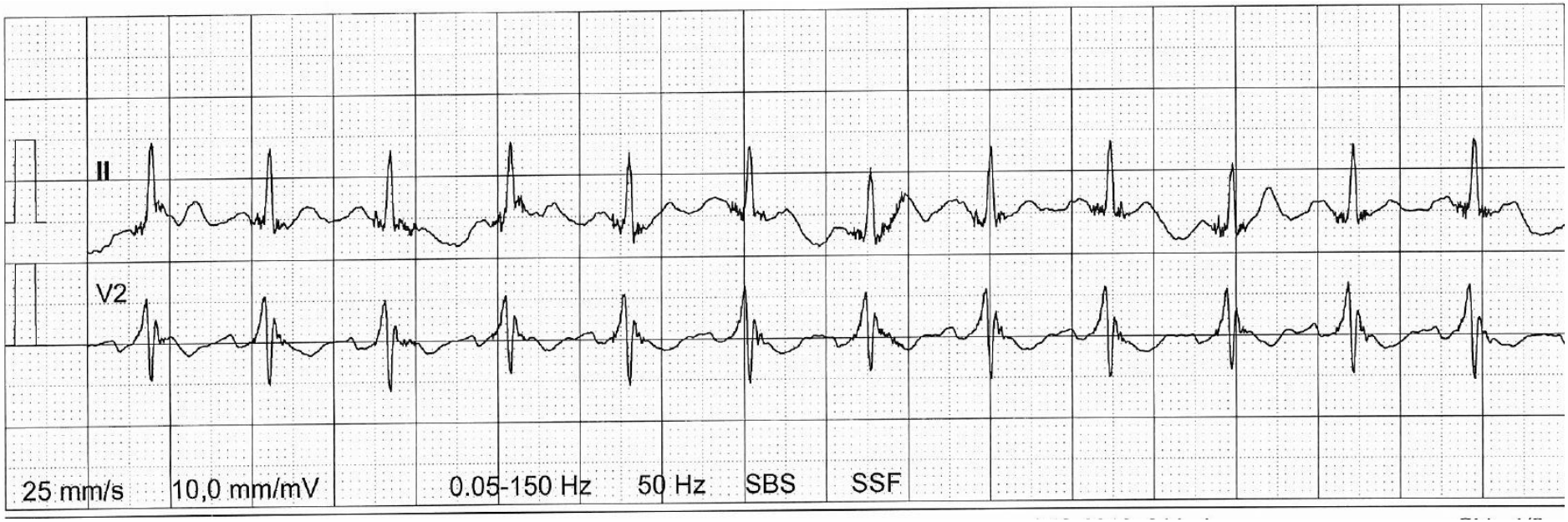
Case 72

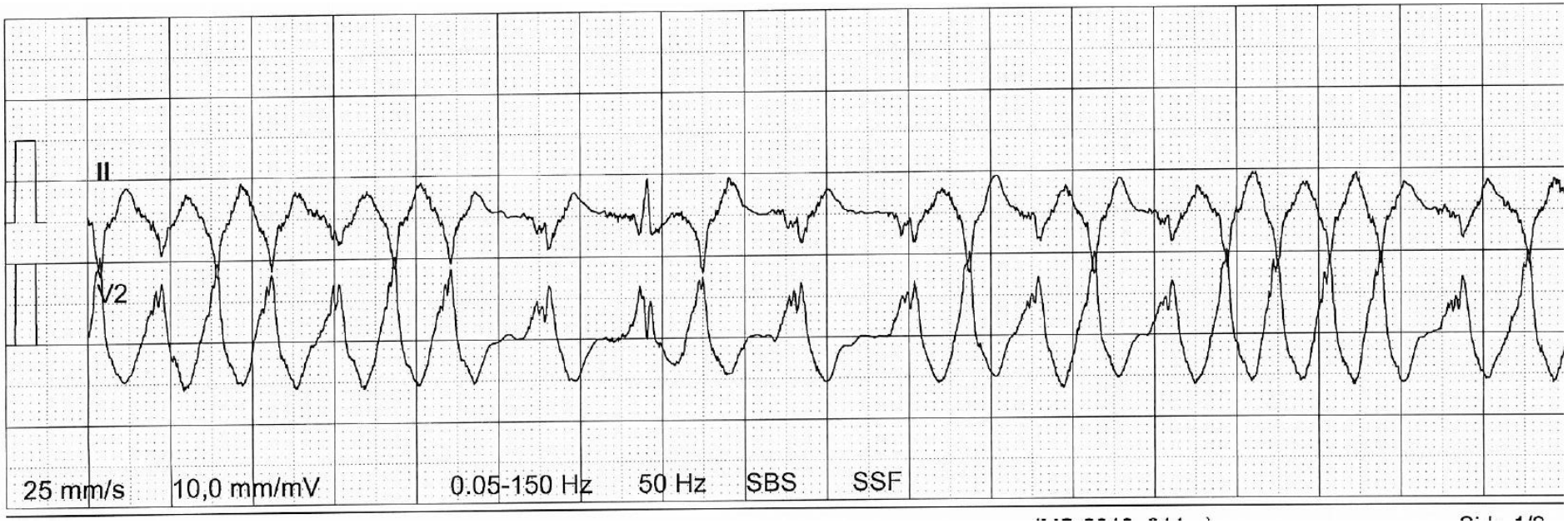

25 mm/s 10 mm/mV
I
II
III
aVR
aVL
aVF
V1
V2
V3
V4
V5
V6
HR 72 /min
Intervaller
RR 828 ms
P 120 ms
PR 132 ms
QRS 126 ms
QT 398 ms
QTc 442 ms
Akser
P 64 °
QRS 28 °
T 106 °

Holter




II
V2
25 mm/s
10,0 mm/mV
0.05-150 Hz
50 Hz
SBS
SSF


II
V2
25 mm/s
10,0 mm/mV
0.05-150 Hz
50 Hz
SBS
SSF


II
V2
25 mm/s
10,0 mm/mV
0.05-150 Hz
50 Hz
SBS
SSF

Case 73

HR	:	65 bpm
P	:	120 ms
PR	:	145 ms
QRS	:	183 ms
QT/QTc	:	442/460 ms
P/QRS/T	:	44/41/178 deg.
RV5/SV1	:	1.441/1.606 mV

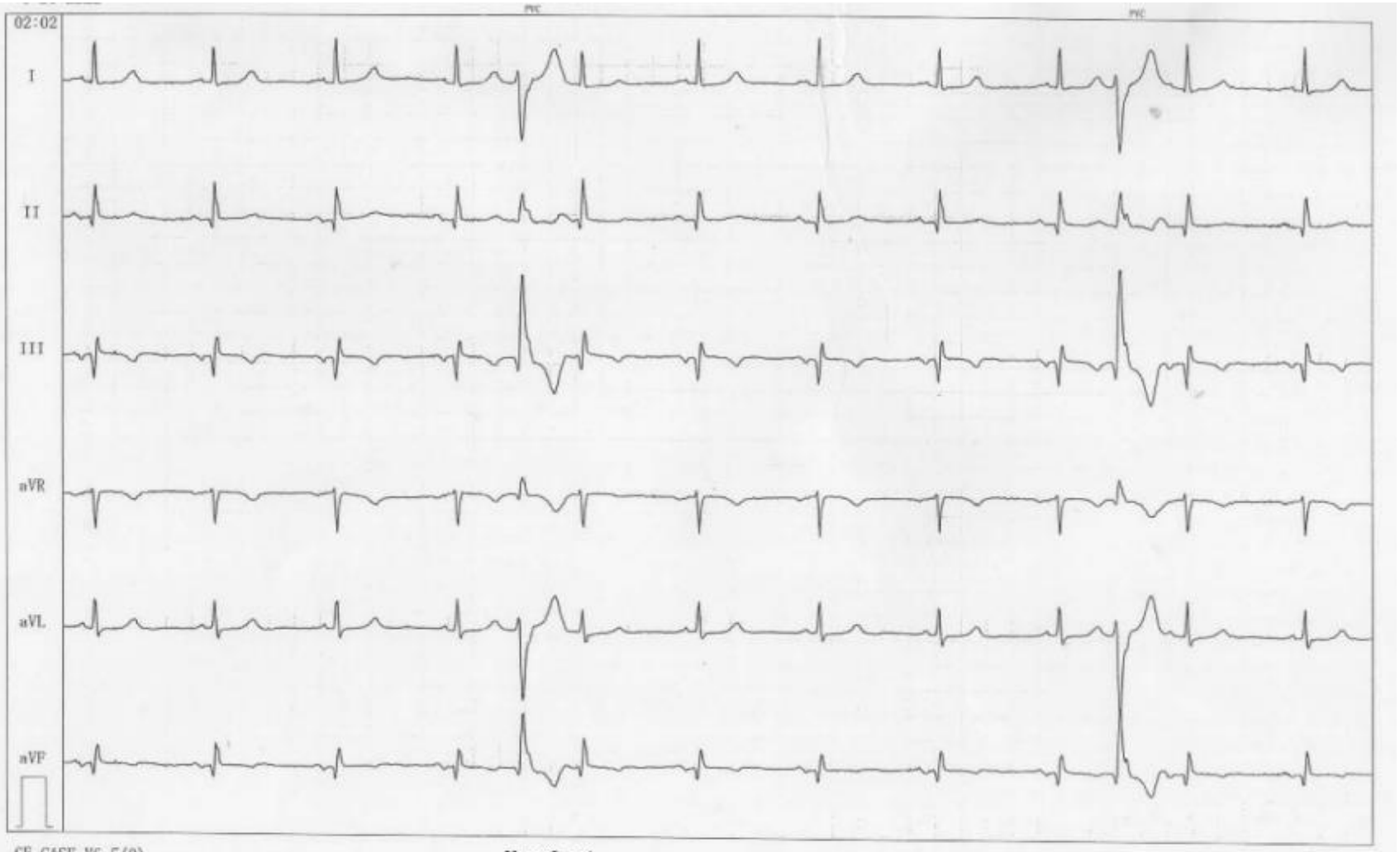
Diagnosis:
Sinus Rhythm
CLBBB(Complete Left Bundle Branch Block)(I,aVL,V1,V5,V6)

Report Confirmed By:

0.67-100Hz AC50

Examination:14/07/2022 08:59 Print:14/07/2022 08:59 PC ECG2.11 SEMIP1.61

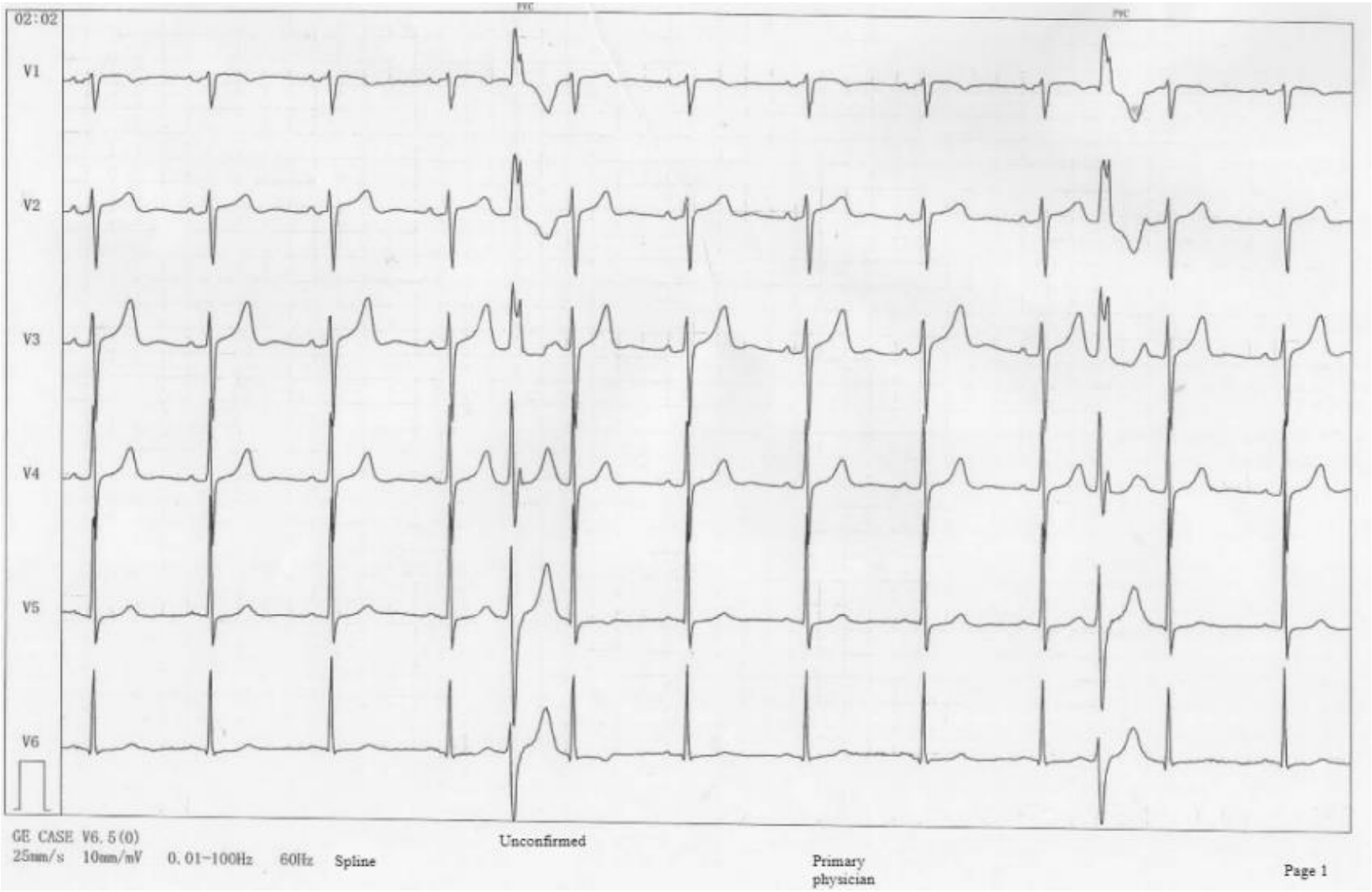
Case 74



GE CASE V6.5(0)
25mm/s 10mm/mV 0.01-100Hz 60Hz Spline

Unconfirmed

Primary physician


02:02
V1
V2
V3
V4
V5
V6
GE CASE V6.5(0)
25mm/s 10mm/mV 0.01-100Hz 60Hz Spline
Unconfirmed
Primary physician
Page 1