

Treated VT/VF Episode #19

Device: **Secura DR D234DRG**

Serial Number: **PZC617215S**

Date of Visit: **21-May-2018 08:36:37**

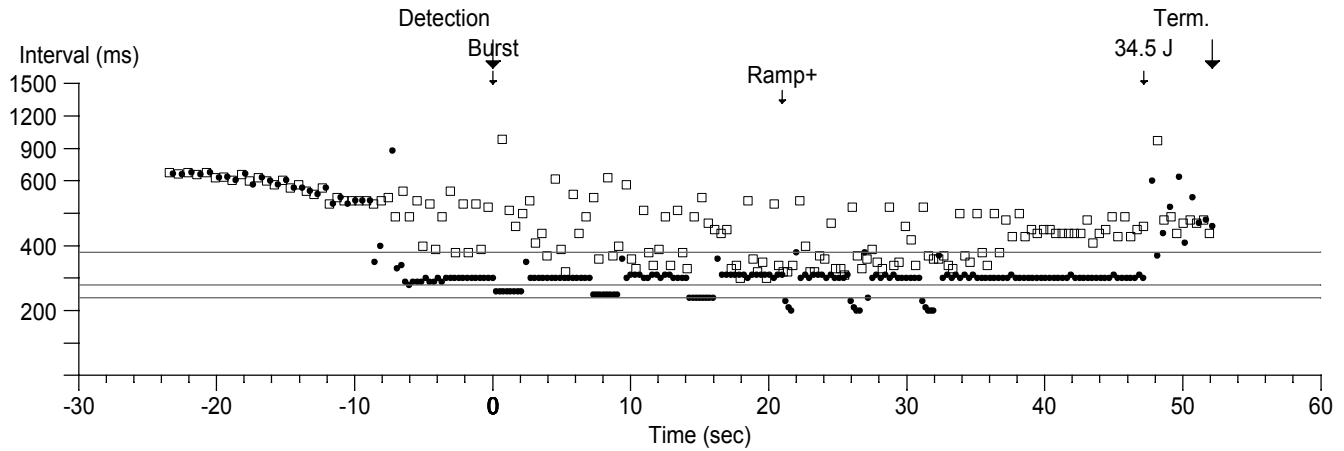
Patient: **TOMKOVA 826229 Katerina**

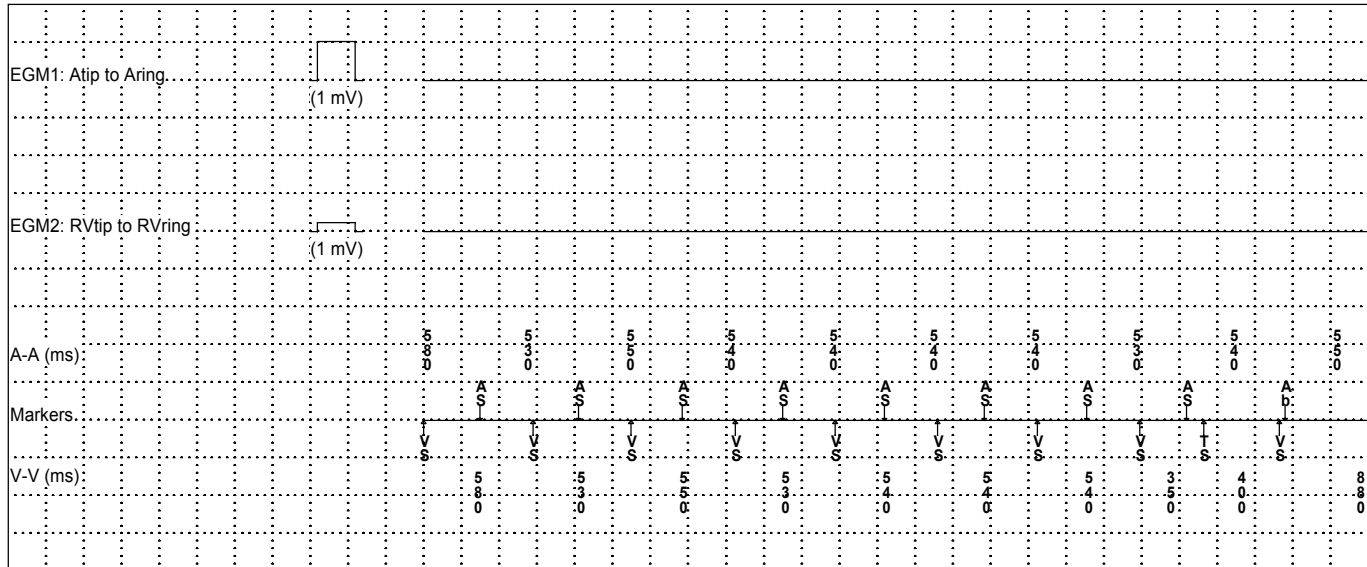
ID: **826229/3853**

Physician: **Sepsi 00420777227346**

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm A/V	Max bpm A/V	Activity at Onset
VT	6	35J	Yes	19	18-May-2018	19:11	:54	133/200	167/200	Active

• V-V □ A-A VF = 280 ms FVT = 240 ms VT = 380 ms





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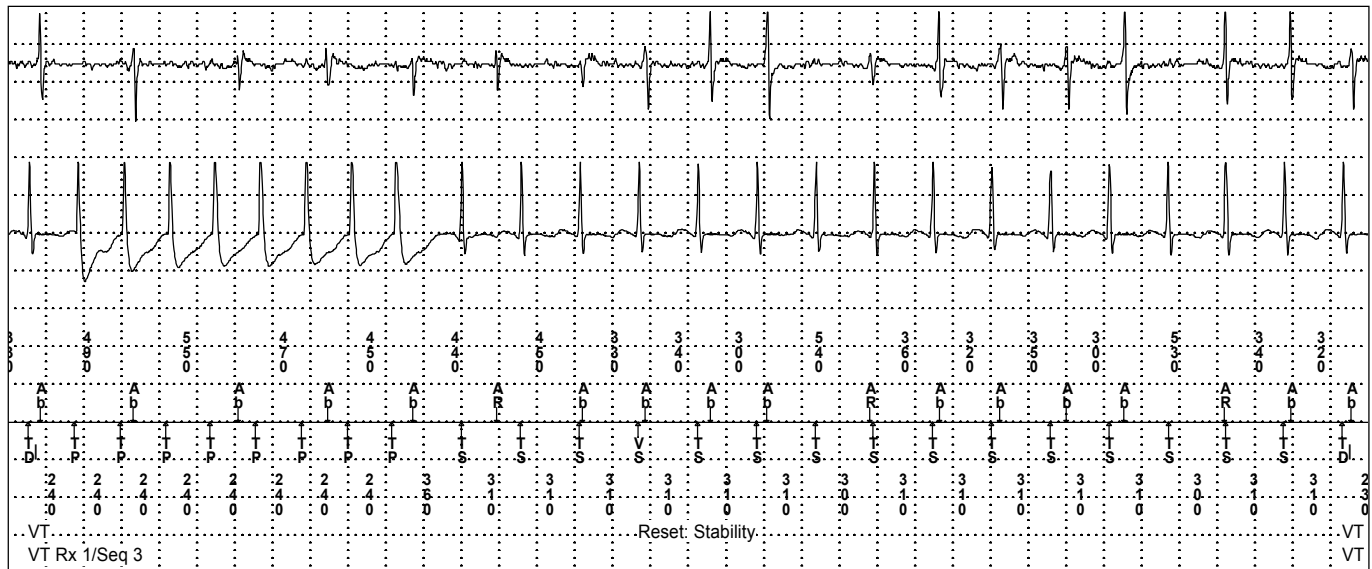
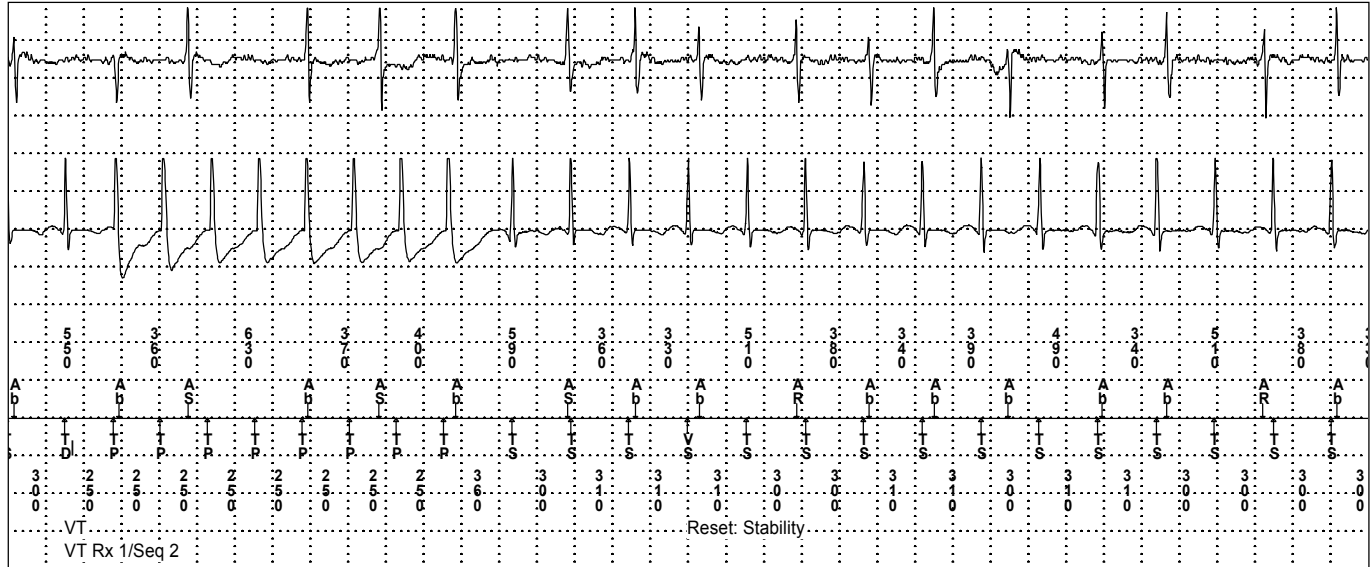
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Episode #19 - VT Chart speed: 25.0 mm/sec



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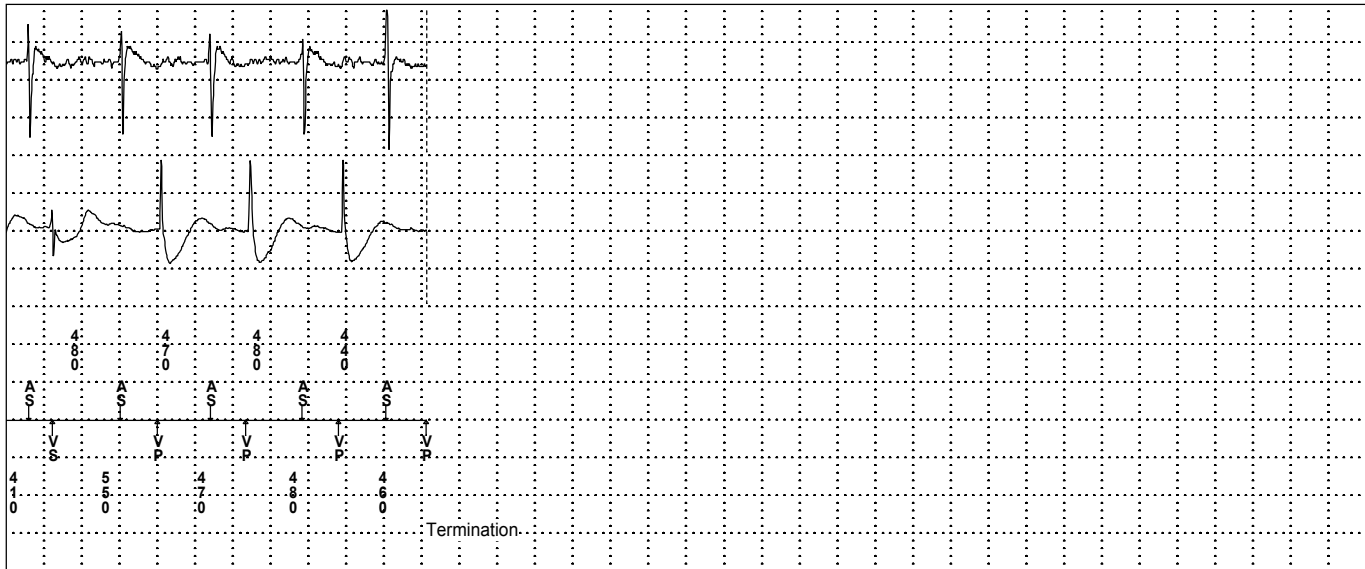
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Patient: **TOMKOVA 826229 Katerina**

ID: **826229/3853**

Physician: **Sepsi 00420777227346**

Episode #19: 18-May-2018 19:11:26

Episode Summary

Initial Type VT (spontaneous)
Duration 54 sec
A/V Max Rate 167 bpm/200 bpm
V. Median 200 bpm (300 ms)
V. Stability 0 ms - 0 ms
Activity at onset Active, Sensor = 81 bpm
Last Therapy VT Rx3: CV, Successful

Initial VT/VF Detection

Withheld By

Stability

Therapies Delivered Charge Ohms Energy

VT Rx 1 Burst Seq 1 to Seq 3
|
VT Rx 2 Ramp+ Seq 1 to Seq 3
|
VT Rx 3 CV 34.5 J 9.24 sec 44 ohms 0.0 - 35 J
|
Termination

Parameter Settings Initial Redetect V. Interval (Rate)

VF On 24/32 12/16 280 ms (214 bpm)
FVT via VF 240 ms (250 bpm)
VT On 20 12 380 ms (158 bpm)
Monitor Off 20

PR Logic

AF/Afl On
Sinus Tach On
Other 1:1 SVTs On
SVT V. Limit 280 ms

Other Enhancements

Stability 30 ms
Onset Off
High Rate Timeout Off

EGM Source Range Sensitivity

EGM1 Atip to Aring +/- 8 mV Atrial 0.3 mV
EGM2 RVtip to RVring +/- 8 mV RV 0.3 mV

Final: Session Summary

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Patient: **TOMKOVA 826229 Katerina**

ID: **826229/3853**

Physician: **Sepsi 00420777227346**

Device Information

Device	Medtronic	Secura DR D234DRG	PZC617215S	Implanted: 27-Jan-2016
RV/SVC	Medtronic	6947 Sprint Quattro Secure	TDG360282V	Implanted: 07-Apr-2010
Atrial	SJM	Tendril ST/1782TC	BBA30129	Implanted: 07-Apr-2010

Device Status (Implanted: 27-Jan-2016)

Battery Voltage (RRT=2.63V)	3.03 V	(21-May-2018)
Last Full Charge	9.2 sec	(18-May-2018)
	Atrial(Tendri)	RV(6947)
		SVC
Pacing Impedance	437 ohms	855 ohms
Defibrillation Impedance		RV=39 ohms
		SVC=48 ohms
Capture Threshold	0.875 V @ 0.40 ms	High
Measured On	21-May-2018	21-May-2018
In-Office Threshold		2.25 V @ 1.00 ms
Programmed Amplitude/Pulse Width	2.00 V / 0.40 ms	5.00 V / 1.00 ms
Measured P/ R Wave	4.3 mV	7.4 mV
In-Office P/R Wave	4.3 mV	8.4 mV
Programmed Sensitivity	0.30 mV	0.30 mV

Parameter Summary

Mode	AAIR<=>DDDR	Lower Rate	60 bpm	Paced AV	200 ms
Mode Switch	171 bpm	Upper Track	130 bpm	Sensed AV	190 ms
		Upper Sensor	120 bpm		

Detection

AT/AF	Monitor	>171 bpm	All Rx Off
VF	On	>214 bpm	35J x 6
FVT	via VF	214-250 bpm	Burst(3), Ramp(2), Ramp+(2), 35J x 3
VT	On	158-214 bpm	Burst(3), Ramp+(3), 35J x 4

Enhancements On: AF/Afl, Sinus Tach, 1:1 SVT, Stability

Changes This Session

Changes This Session	Session Start	Current Value
FVT Rx 1 R-S1 =(%RR)	88 %	75 %
FVT Rx 1 Sequences	1	3
FVT Rx 2 R-S1 =(%RR)	78 %	72 %
FVT Rx 3	On	On
FVT Rx 3 Type	CV	Ramp+
FVT Rx 3 Initial Pulses		3
FVT Rx 3 R-S1 =(%RR)		69 %
FVT Rx 3 S1S2 (Ramp+)= (%RR)		66 %
FVT Rx 3 S2SN (Ramp+)= (%RR)		66 %
FVT Rx 3 Sequences		2
FVT Rx 3 Smart Mode		On

Final: Quick Look II

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Programmed Amplitude/Pulse Width	2.00 V / 0.40 ms	5.00 V / 1.00 ms
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Detection		Rates	Therapies
AT/AF	Monitor	>171 bpm	All Rx Off
VF	On	>214 bpm	35J x 6
FVT	via VF	214-250 bpm	Burst(3), Ramp(2), Ramp+(2), 35J x 3
VT	On	158-214 bpm	Burst(3), Ramp+(3), 35J x 4

Enhancements On: AF/Afl, Sinus Tach, 1:1 SVT, Stability

Clinical Status Since 19-Apr-2018

Treated

VF	0
FVT	0
VT	1
AT/AF(Monitor)	

Monitored

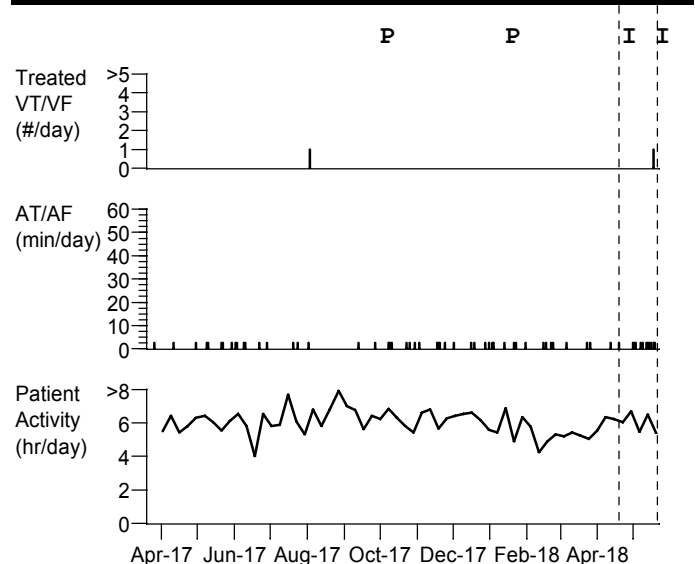
VT (Off)	
VT-NS (>4 beats, >158 bpm)	1
SVT: VT/VF Rx Withheld	0
AT/AF	1

Time in AT/AF	<0.1 hr/day (<0.1%)
Longest AT/AF	31 seconds

Functional

Patient Activity	Last Week 5.4 hr/day
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Cardiac Compass Trends (Mar-2017 to May-2018)



Therapy Summary VT/VF AT/AF Pacing (% of Time Since 19-Apr-2018)

Pace-Terminated Episodes	0 of 1	0	Total VP	0.1 % (MVP On)
Shock-Terminated Episodes	1 of 1	0	AS-VS	24.9 %
Total Shocks	1	0	AS-VP	<0.1 %
Aborted Charges	0	0	AP-VS	75.0 %
			AP-VP	0.1 %

OBSERVATIONS (6)

- 1 shocks for VT/VF, 0 failed.
- High RV threshold on 21-May-2018.
- At least 1 therapy failed in 1 VT/VF episodes.
- 1 treated VT/VF episodes longer than 30 sec.
- VF detection may be delayed: VF Detection Interval is faster than 300 ms (200 bpm).
- FVT ATP therapies will be rate limited: settings conflict. Increase right edge of FVT detection zone or ATP R-S1 Interval so their product is greater than V-V Minimum ATP Interval. (In Params/FVT Therapies/Shared Settings.)

Final: Lead Trends - Atrial

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ID: 826229/3853

Physician: Sepsi 00420777227346

Lead Model

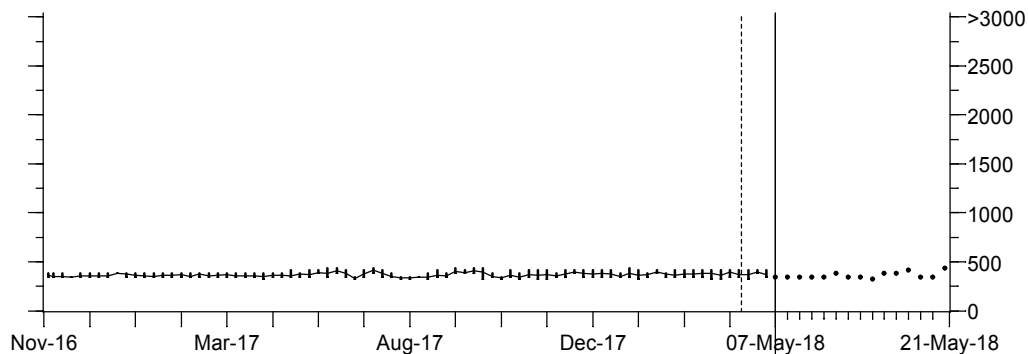
Tendril

A. Impedance (bipolar)

Last Measured 437 ohms

last session

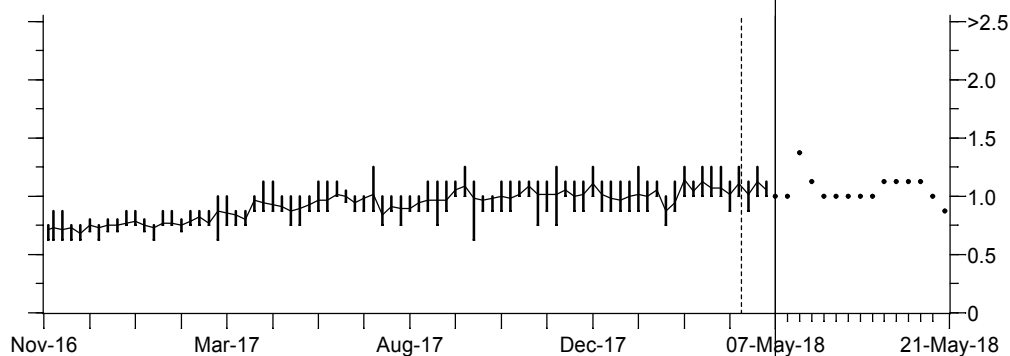
ohms



A. Threshold

Capture Adaptive
Amplitude 2.00 V
Pulse Width 0.40 ms
Last Measured 0.875 V @ 0.40 ms
Measured On 21-May-2018

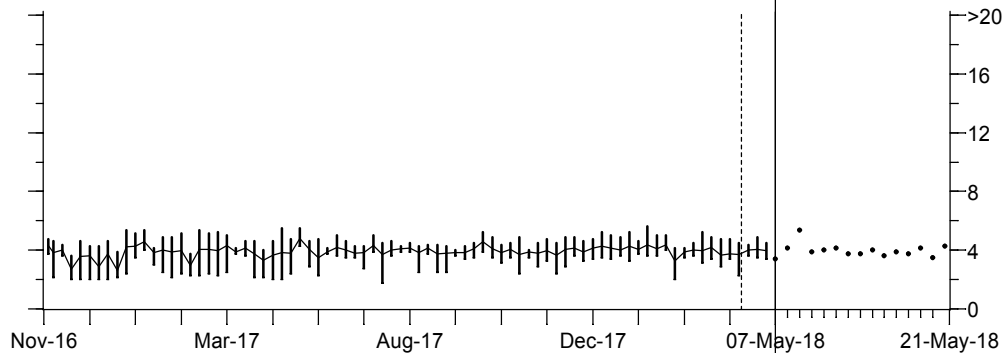
V @ 0.40 ms



P-Wave Amplitude

Sensitivity 0.30 mV
Last Measured 4.3 mV

mV



Last 80 weeks (min/max/avg per week)

Last 15 days

Final: Lead Trends - RV

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ID: 826229/3853

Physician: Seps 00420777227346

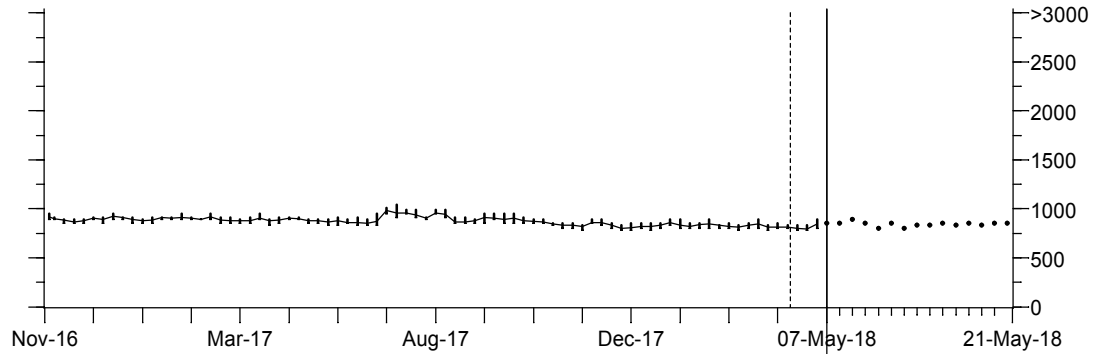
Lead Model 6947

RV Impedance (bipolar)

Last Measured 855 ohms

last session

ohms

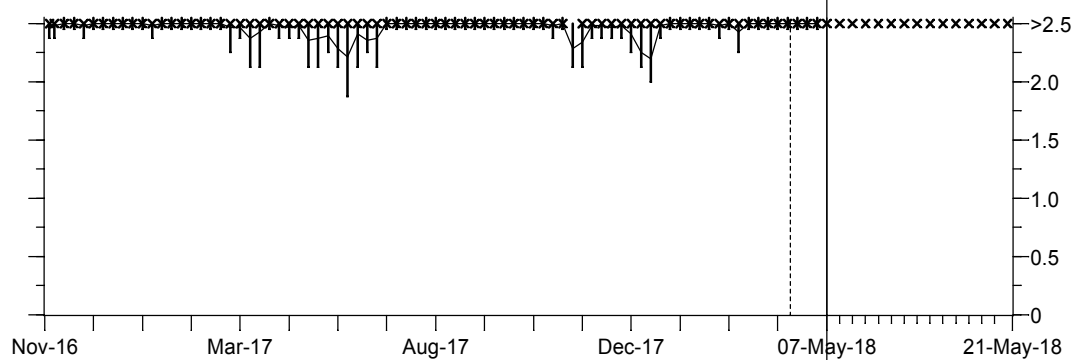


RV Threshold

Capture Adaptive
Amplitude 5.00 V
Pulse Width 1.00 ms
Last Measured High

x = High Threshold

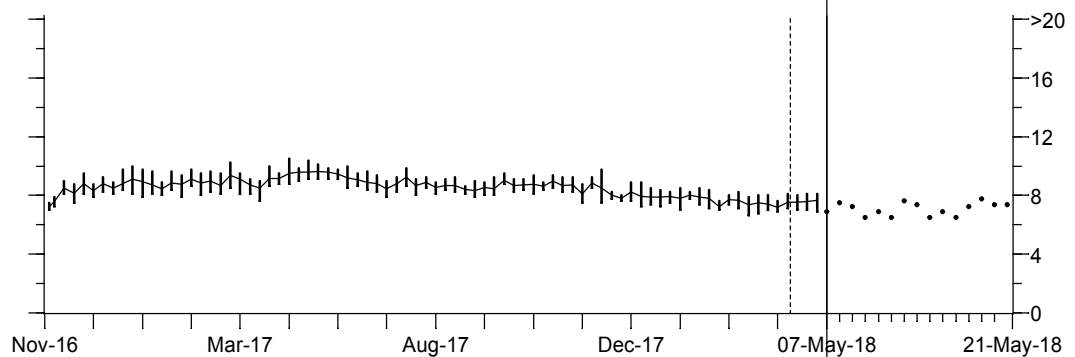
V @ 0.40 ms



R-Wave Amplitude

Sensitivity 0.30 mV
Last Measured 7.4 mV

mV



Last 80 weeks (min/max/avg per week)

Last 15 days

Final: Lead Trends - RV

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ID: 826229/3853

Physician: Sepsi 00420777227346

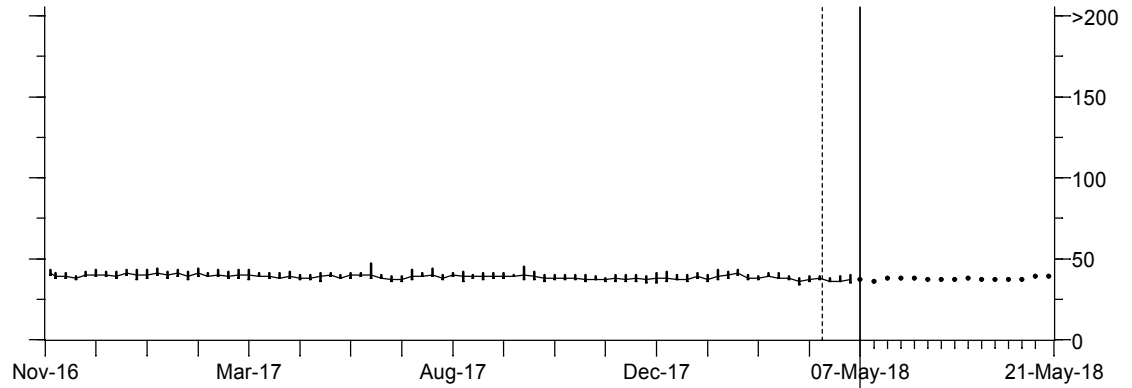
Lead Model 6947

RV Defib Impedance

Last Measured 39 ohms

last session

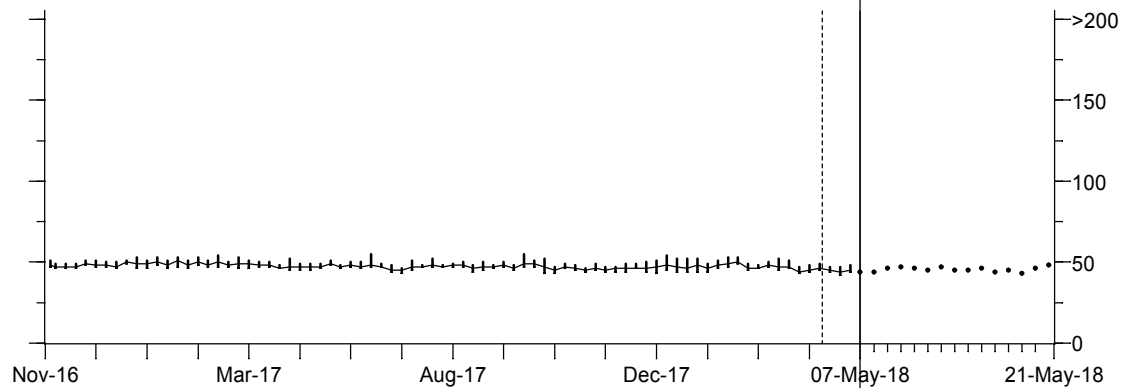
ohms



SVC Defib Impedance

Last Measured 48 ohms

ohms



Last 80 weeks (min/max/avg per week)

Last 15 days

Final: Battery and Lead Measurements

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ID: **826229/3853**

Physician: **Sepsi 00420777227346**

Last Interrogation: 21-May-2018 08:36:37

Battery Voltage

(RRT=2.63V)

21-May-2018

Voltage 3.03 V

Last Capacitor Formation

27-Jan-2018

Charge Time 9.3 sec

Energy 0.0 - 35 J

Last Charge

18-May-2018

Charge Time 9.2 sec

Energy 0.0 - 35 J

Sensing Integrity Counter

(if >300 counts, check for sensing issues)

Since 19-Apr-2018

Short V-V Intervals 0

Atrial Lead Position Check

No measurement since reset.

Lead Impedance

A. Pacing 437 ohms 21-May-2018

RV Pacing 855 ohms 21-May-2018

RV Defib 39 ohms 21-May-2018

SVC Defib 48 ohms 21-May-2018

Sensing

P-Wave Amplitude 4.3 mV 21-May-2018

R-Wave Amplitude 7.4 mV 21-May-2018

Last High Voltage Therapy

18-May-2018

Measured Impedance 44 ohms

Delivered Energy 35 J

Waveform Biphasic

Pathway B>AX

Final: Parameters

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Patient: **TOMKOVA 826229 Katerina**

ID: **826229/3853**

Physician: **Sepsi 00420777227346**

Pacing Summary

Mode	Rates	AV Intervals
Mode AAIR<=>DDDR	Lower 60 bpm	Paced AV 200 ms
Mode Switch 171 bpm	Upper Track 130 bpm	Sensed AV 190 ms
	Upper Sensor 120 bpm	

Pacing Details	Atrial	RV
Amplitude	2.00 V	5.00 V
Pulse Width	0.40 ms	1.00 ms
Capture Management	Adaptive	Adaptive
Amplitude Margin	2.0 X	1.5 X
Min. Adapted Amplitude	1.50 V	1.50 V
Acute Phase Remaining	Off	Off
Acute Phase Completed	26-Feb-2016	26-Feb-2016
Sensitivity	0.30 mV	0.30 mV
Pace Polarity	Bipolar	Bipolar
Sense Polarity	Bipolar	Bipolar

AV Therapies

Rate Adaptive AV	Off
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Rate Response

ADL Rate	95 bpm
Optimization	On
ADL Response	3
Exertion Response	3
Activity Threshold	Medium Low
Activity Acceleration	30 sec
Activity Deceleration	Exercise
ADL Setpoint	25
UR Setpoint	73

Refractory/Blanking

PVARP	Auto
Minimum PVARP	250 ms
PVAB Interval	150 ms
PVAB Method	Partial
A. Blank Post AP	200 ms
A. Blank Post AS	100 ms
V. Blank Post VP	200 ms
V. Blank Post VS	120 ms

Arrhythmia Interventions

A. Rate Stabilization	Off
A. Preference Pacing	Off
Post Mode Switch	Off
Conducted AF Response	On
Response Level	Medium
Maximum Rate	110 bpm
V. Rate Stabilization	Off

Post Shock Pacing

Post Shock Pacing*	
A. Amplitude	4 V
A. Pulse Width	1.50 ms
V. Amplitude	6 V
V. Pulse Width	1.50 ms
* Settings for first 25 beats post shock	
Post VT/VF Shock Pacing	Off

Additional Features

Rate Drop Response	Off
Sleep	Off
Non-Comp Atrial Pacing	On
NCAP Interval	300 ms
PMT Intervention	Off
PVC Response	On
V. Safety Pacing	On

Device Information

Device	Medtronic	Secura DR D234DRG	PZC617215S	Implanted: 27-Jan-2016
RV/SVC	Medtronic	6947 Sprint Quattro Secure	TDG360282V	Implanted: 07-Apr-2010
Atrial	SJM	Tendril ST/1782TC	BBA30129	Implanted: 07-Apr-2010
Device Configuration ID:	4-1-0			

Final: Parameters

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VT/VF Detection

		V. Interval (Rate)	Initial	Redetect	
VF	On	280 ms (214 bpm)	24/32	12/16	
FVT	via VF	240 ms (250 bpm)			
VT	On	380 ms (158 bpm)	20	12	
Monitor	Off	450 ms (133 bpm)	20		

PR Logic		Other Enhancements		Sensitivity	
AF/Afl	On	Stability	30 ms	Atrial	0.30 mV
Sinus Tach	On	Onset	Off	RV	0.30 mV
Other 1:1 SVTs	On	High Rate Timeout	Off		
SVT V. Limit	280 ms				

VF Therapies		Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
VF Therapy Status		On	On	On	On	On	On
Energy		35 J	35 J	35 J	35 J	35 J	35 J
Pathway		B>AX	B>AX	B>AX	AX>B	B>AX	B>AX
ATP	Off						

FVT Therapies		Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
FVT Therapy Status		On	On	On	On	On	On
Therapy Type		Burst	Ramp	Ramp+	CV	CV	CV
Energy					35 J	35 J	35 J
Pathway					B>AX	AX>B	AX>B
Initial # Pulses		8	8	3			
R-S1 Interval=(%RR)		75 %	72 %	69 %			
S1S2(Ramp+)=(%RR)				66 %			
S2SN(Ramp+)=(%RR)				66 %			
Interval Dec		10 ms	10 ms				
# Sequences		3	2	2			
Smart Mode		On	On	On			

VT Therapies		Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
VT Therapy Status		On	On	On	On	On	On
Therapy Type		Burst	Ramp+	CV	CV	CV	CV
Energy				35 J	35 J	35 J	35 J
Pathway				B>AX	B>AX	AX>B	AX>B
Initial # Pulses		8	3				
R-S1 Interval=(%RR)		88 %	75 %				
S1S2(Ramp+)=(%RR)			69 %				
S2SN(Ramp+)=(%RR)			66 %				
Interval Dec		10 ms					
# Sequences		3	3				
Smart Mode		Off	Off				

Shared V. ATP

V-V Minimum ATP Interval	200 ms
V. Amplitude	8 V
V. Pulse Width	1.5 ms
V. Pace Blanking	240 ms

Shared V. Therapies

Active Can/SVC Coil	Can+SVC On
Progressive Episode Therapies	Off

Final: Parameters

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AT/AF Detection

Detection	A. Interval (Rate)
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Monitor

AT/AF 350 ms (171 bpm)

No Rx

350 ms

AT/AF Therapies

CV therapies have priority over pacing therapies.

AT/AF ATP	Rx1	Rx2	Rx3
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AT/AF Rx Status	Off	Off	Off
-----------------	-----	-----	-----

Shared A. ATP

A-A Minimum ATP Interval 150 ms

A. Pacing Amplitude 6 V

A. Pacing Pulse Width 1.5 ms

Stop Atrial Therapies After

Disable all A. Rxs if A. lead position is suspect? No

Atrial Lead Position Check

No measurement since reset.

Patient Activated CV

Patient Activated CV Status Off

AT/AF Automatic CV	Rx4	Rx5
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Automatic CV Status	Off	Off
---------------------	-----	-----

Shared CV

Minimum R-R Interval 500 ms (120 bpm)

Active Can/SVC Coil Can+SVC On

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	Source	Range
LECG	Can to SVC	+/- 2 mV
EGM 1	Atip to Aring	+/- 8 mV
EGM 2	RVtip to RVring	+/- 8 mV
EGM 3	RVtip to RVcoil	+/- 8 mV
Monitored		EGM1 and EGM2
Pre-arrhythmia EGM		Off
Device Date/Time		21-May-2018 08:43
Holter Telemetry		Off

Medtronic CareAlert Setup

Patient Home Monitor No
Alert Time 08:00

Alert Conditions	Enable-Urgency	
	Tone	Threshold
OptiVol Fluid Settings	Off	60
AT/AF Daily Burden Settings	Off	6 hr
Avg. V. Rate During AT/AF Settings	Off	6 hr at 100 bpm
Number of Shocks Delivered in an Episode	Off	
All Therapies in a Zone Exhausted	Off	
RV Lead Integrity	On-High	
A. Pacing Lead Impedance Out of Range	On-High	<200 or >3000 ohms
RV Pacing Lead Impedance Out of Range	On-High	<200 or >3000 ohms
RV Defibrillation Lead Impedance Out of Range	On-High	<20 or >200 ohms
SVC Defib Lead Impedance Out of Range	On-High	<20 or >200 ohms
Low Battery Voltage RRT	On-High	2.63 V(RRT)
Excessive Charge Time EOS	On-High	
VF Detection OFF, 3+ VF or 3+ FVT Rx Off.	On-High	

Auto Cap Formation

Minimum Auto Cap Formation Interval Auto

Last Charge to Full Energy

18-May-2018 19:12:12

Last Capacitor Formation

27-Jan-2018 14:59:40

Final: Changes This Session

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Parameter	Session Start	Current Value
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FVT Rx 1 Sequences	1	3
FVT Rx 2 R-S1 =(%RR)	78 %	72 %
FVT Rx 3	On	On
FVT Rx 3 Type	CV	Ramp+
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FVT Rx 3 R-S1 =(%RR)		69 %
FVT Rx 3 S1S2 (Ramp+)= (%RR)		66 %
FVT Rx 3 S2SN (Ramp+)= (%RR)		66 %
FVT Rx 3 Sequences		2
FVT Rx 3 Smart Mode		On

Quick Look II Report

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VF	On	>214 bpm	35J x 6
FVT	via VF	214-250 bpm	Burst(3), Ramp(2), Ramp+(2), 35J x 3
VT	On	158-214 bpm	Burst(3), Ramp+(3), 35J x 4

Enhancements On: AF/Afl, Sinus Tach, 1:1 SVT, Stability

Clinical Status Since 19-Apr-2018

Treated

VF	0
FVT	0
VT	1
AT/AF(Monitor)	

Monitored

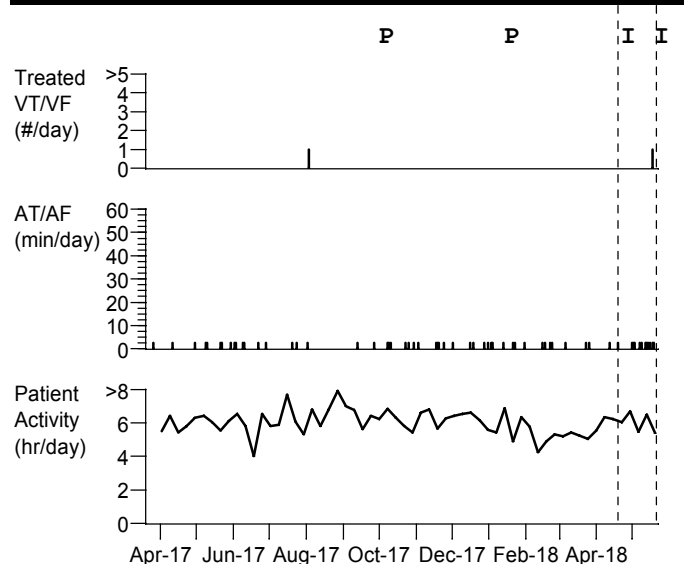
VT (Off)	
VT-NS (>4 beats, >158 bpm)	1
SVT: VT/VF Rx Withheld	0
AT/AF	1

Time in AT/AF <0.1 hr/day (<0.1%)
Longest AT/AF 31 seconds

Functional

Patient Activity **Last Week**
5.4 hr/day

Cardiac Compass Trends (Mar-2017 to May-2018)



Therapy Summary	VT/VF	AT/AF	Pacing (% of Time Since 19-Apr-2018)
Pace-Terminated Episodes	0 of 1	0	Total VP 0.1 % (MVP On)
Shock-Terminated Episodes	1 of 1	0	AS-VS 24.9 %
Total Shocks	1	0	AS-VP <0.1 %
Aborted Charges	0	0	AP-VS 75.0 %
			AP-VP 0.1 %

Quick Look II Report

Device: **Secura DR D234DRG**

Serial Number: **PZC617215S**

Date of Visit: **21-May-2018 08:36:37**

Patient: **TOMKOVA 826229 Katerina**

ID: **826229/3853**

Physician: **Sepsi 00420777227346**

OBSERVATIONS (6)

- 1 shocks for VT/VF, 0 failed.
- High RV threshold on 21-May-2018.
- At least 1 therapy failed in 1 VT/VF episodes.
- 1 treated VT/VF episodes longer than 30 sec.
- VF detection may be delayed: VF Detection Interval is faster than 300 ms (200 bpm).
- FVT ATP therapies will be rate limited: settings conflict. Increase right edge of FVT detection zone or ATP R-S1 Interval so their product is greater than V-V Minimum ATP Interval. (In Params/FVT Therapies/Shared Settings.)

Session Summary

Device: **Secura DR D234DRG**

Serial Number: **PZC617215S**

Date of Visit: **21-May-2018 08:36:37**

Patient: **TOMKOVA 826229 Katerina**

ID: **826229/3853**

Physician: **Sepsi 00420777227346**

Device Information

Device	Medtronic	Secura DR D234DRG	PZC617215S	Implanted: 27-Jan-2016
RV/SVC	Medtronic	6947 Sprint Quattro Secure	TDG360282V	Implanted: 07-Apr-2010
Atrial	SJM	Tendril ST/1782TC	BBA30129	Implanted: 07-Apr-2010

Device Status (Implanted: 27-Jan-2016)

Battery Voltage (RRT=2.63V)	3.03 V	(21-May-2018)
Last Full Charge	9.2 sec	(18-May-2018)
	Atrial(Tendri)	RV(6947)
		SVC
Pacing Impedance	437 ohms	855 ohms
Defibrillation Impedance		RV=39 ohms
		SVC=48 ohms
Capture Threshold	0.875 V @ 0.40 ms	High
Measured On	21-May-2018	21-May-2018
In-Office Threshold		2.25 V @ 1.00 ms
Programmed Amplitude/Pulse Width	2.00 V / 0.40 ms	5.00 V / 1.00 ms
Measured P/ R Wave	4.3 mV	7.4 mV
In-Office P/R Wave	4.3 mV	8.4 mV
Programmed Sensitivity	0.30 mV	0.30 mV

Parameter Summary

Mode	AAIR<=>DDDR	Lower Rate	60 bpm	Paced AV	200 ms
Mode Switch	171 bpm	Upper Track	130 bpm	Sensed AV	190 ms
		Upper Sensor	120 bpm		

Detection

AT/AF	Monitor
VF	On
FVT	via VF
VT	On

Rates

>171 bpm
>214 bpm
214-250 bpm
158-214 bpm

Therapies

All Rx Off
35J x 6
Burst(3), Ramp(2), Ramp+(2), 35J x 3
Burst(3), Ramp+(3), 35J x 4

Enhancements On: AF/Afl, Sinus Tach, 1:1 SVT, Stability

Changes This Session

Session Start Current Value

FVT Rx 1 R-S1 =(%RR)	88 %	75 %
FVT Rx 1 Sequences	1	3
FVT Rx 2 R-S1 =(%RR)	78 %	72 %
FVT Rx 3	On	On
FVT Rx 3 Type	CV	Ramp+
FVT Rx 3 Initial Pulses		3
FVT Rx 3 R-S1 =(%RR)		69 %
FVT Rx 3 S1S2 (Ramp+)= (%RR)		66 %
FVT Rx 3 S2SN (Ramp+)= (%RR)		66 %
FVT Rx 3 Sequences		2
FVT Rx 3 Smart Mode		On

Rate Histograms

Device: Secura DR D234DRG

Serial Number: PZC617215S

Date of Visit: 21-May-2018 08:36:37

Patient: TOMKOVA 826229 Katerina

ID: 826229/3853

Physician: Sepsi 00420777227346

Prior to Last Session

15-Jan-2018 to 19-Apr-2018

94 days

Since Last Session

19-Apr-2018 to 21-May-2018

32 days

% of Time

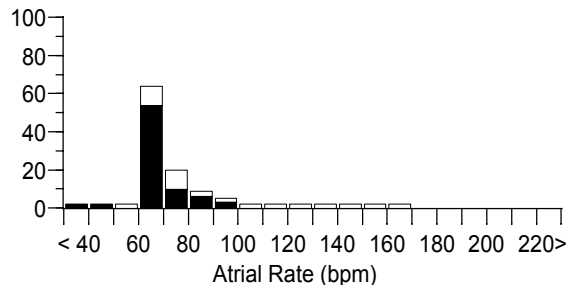
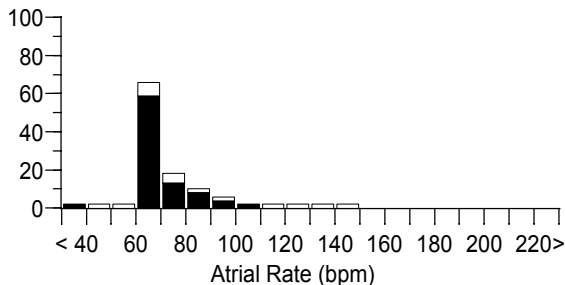
Total VP	0.4 %
AS-VS	13.4 %
AS-VP	< 0.1%
AP-VS	86.2 %
AP-VP	0.4 %

0.1 %
24.9 %
< 0.1%
75.0 %
0.1 %

Atrial

% of Time

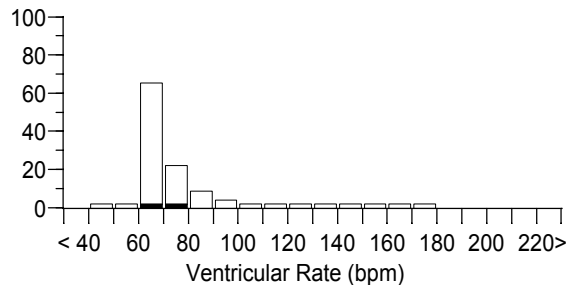
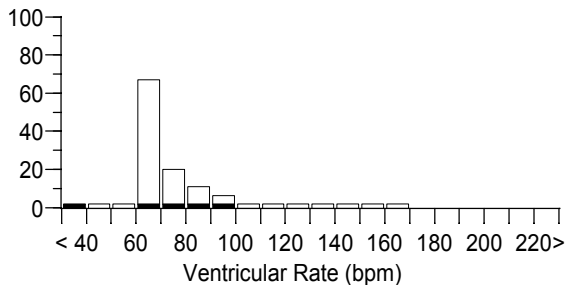
□ AS
■ AP



Ventricular

% of Time

□ VS
■ VP



Ventricular

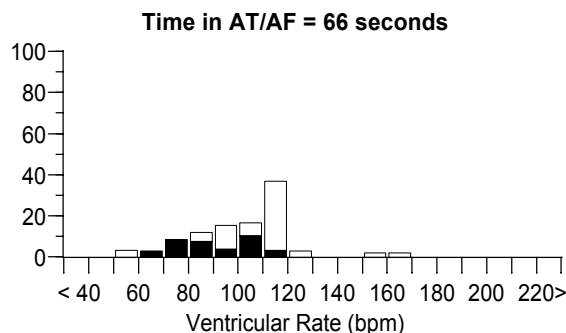
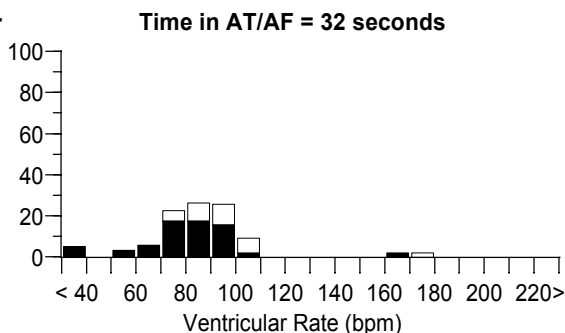
Rate

During

AT/AF

% of AT/AF

□ VS
■ VP



Cardiac Compass Report

Device: **Secura DR D234DRG**

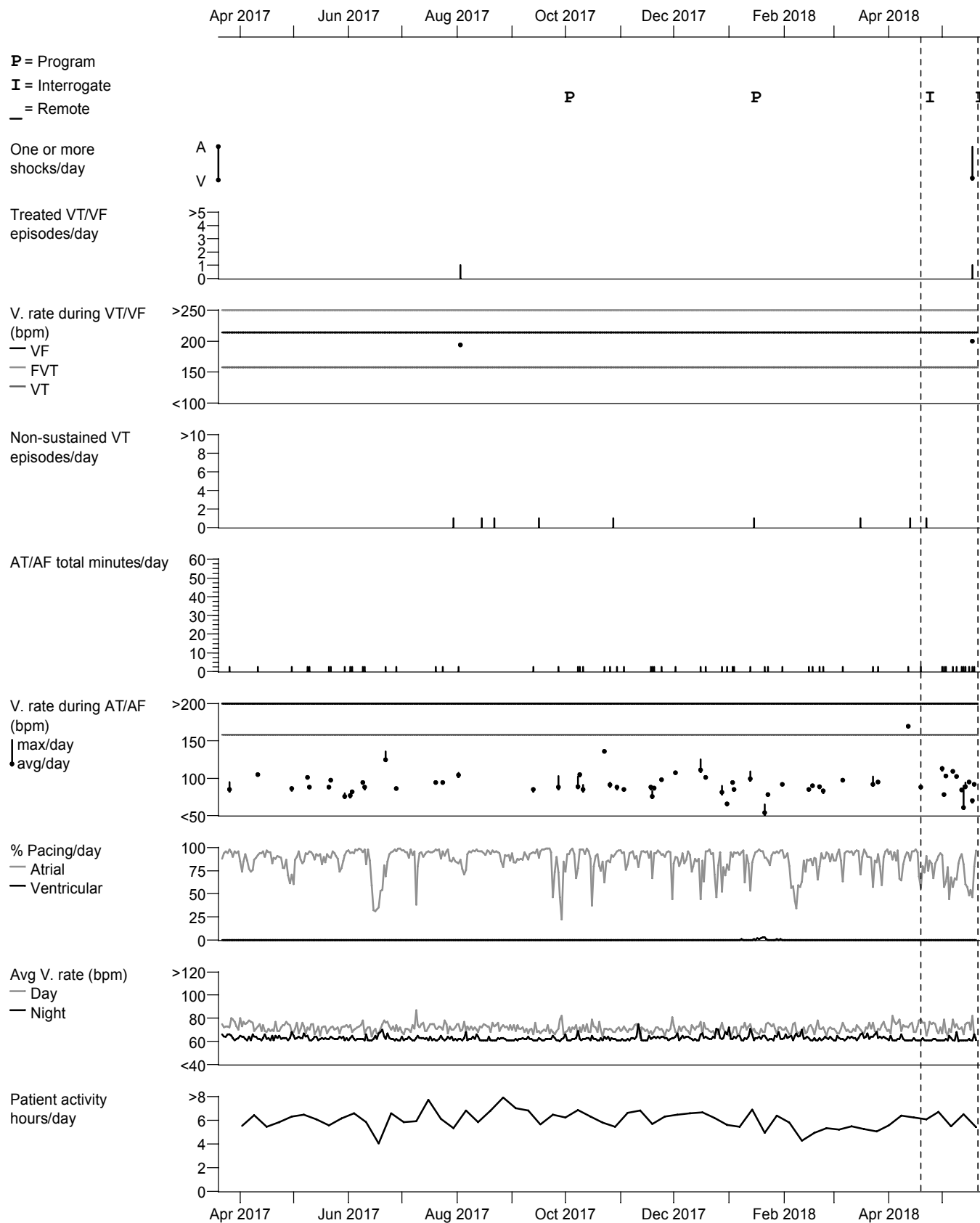
Serial Number: **PZC617215S**

Date of Visit: **21-May-2018 08:36:37**

Patient: **TOMKOVA 826229 Katerina**

ID: **826229/3853**

Physician: **Sepsi 00420777227346**



Cardiac Compass Report

Device: Secura DR D234DRG

Serial Number: PZC617215S

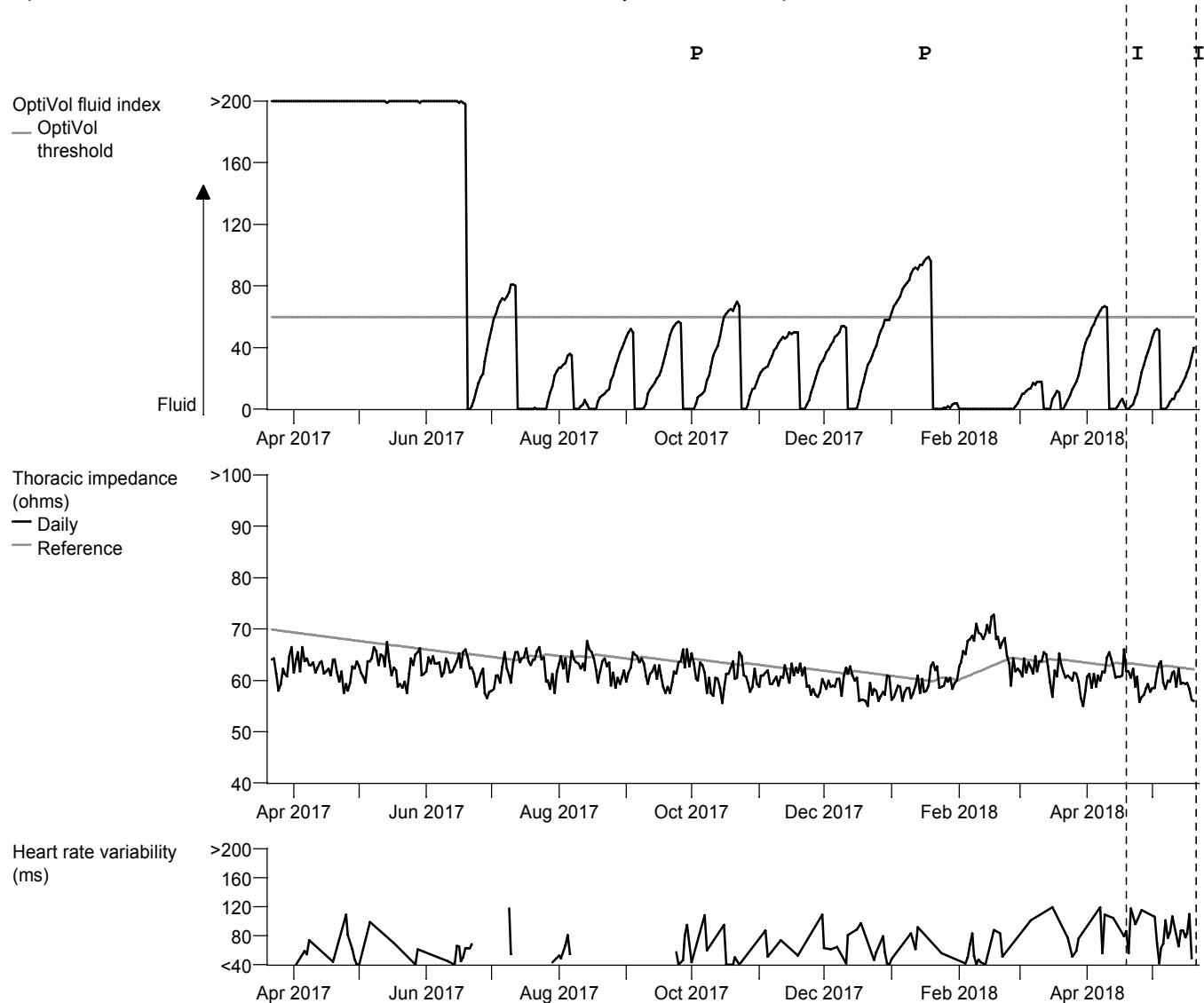
Date of Visit: 21-May-2018 08:36:37

Patient: TOMKOVA 826229 Katerina

ID: 826229/3853

Physician: Seps 00420777227346

OptiVol fluid index is an accumulation of the difference between the daily and reference impedance.



VT/VF Counters

Device: **Secura DR D234DRG**

Serial Number: **PZC617215S**

Date of Visit: **21-May-2018 08:36:37**

Patient: **TOMKOVA 826229 Katerina**

ID: **826229/3853**

Physician: **Sepsi 00420777227346**

	Prior Session	Last Session	Device Lifetime
	15-Jan-2018 to	19-Apr-2018 to	Total
	19-Apr-2018	21-May-2018	(Since 27-Jan-2016)
	94 days	32 days	28 months

VT/VF Counters

VF	0	0	0
FVT	0	0	0
VT	0	1 ↑	2
Monitored VT (133 - 158 bpm)	0	0	
VT-NS (>4 beats, >158 bpm)	2	1 ↓	
PVC Runs (2-4 beats)	1.6 per hour	2.6 per hour ↑	
PVC Singles	39.9 per hour	46.8 per hour ↑	
Runs of VRS Paces	0.0 per hour	0.0 per hour	
Single VRS Paces	0.0 per hour	0.0 per hour	

SVT: VT/VF Rx Withheld

AFib/AFlutter	0	0	0
Sinus Tach	0	0	0
Other 1:1 SVTs	0	0	0
V. Stability	0	0	0
Onset	0	0	0

VT/VF Therapy Summary

Pace-terminated	0	0 of 1	1 of 2
Shock-terminated	0	1 of 1	1 of 1
Total VT/VF Shocks	0	1	1
Aborted Charges	0	0	0

VT/VF Therapy Efficacy Since Last Session 19-Apr-2018 to 21-May-2018

VF Therapy	35 J	35 J	35 J	35 J	35 J	35 J
Delivered	0	0	0	0	0	0
Successful	0	0	0	0	0	0
FVT Therapy	Burst	Ramp	Ramp+	35 J	35 J	35 J
Delivered	0	0	0	0	0	0
Successful	0	0	0	0	0	0
Accelerated	0	0	0	0	0	0
VT Therapy	Burst	Ramp+	35 J	35 J	35 J	35 J
Delivered	1	1	1	0	0	0
Successful	0	0	1	0	0	0
Accelerated	0	0	0	0	0	0

AT/AF Summary

Device: **Secura DR D234DRG**

Serial Number: **PZC617215S**

Date of Visit: **21-May-2018 08:36:37**

Patient: **TOMKOVA 826229 Katerina**

ID: **826229/3853**

Physician: **Sepsi 00420777227346**

Prior Session

15-Jan-2018 to

19-Apr-2018

94 days

Last Session

19-Apr-2018 to

21-May-2018

32 days

AT/AF Summary

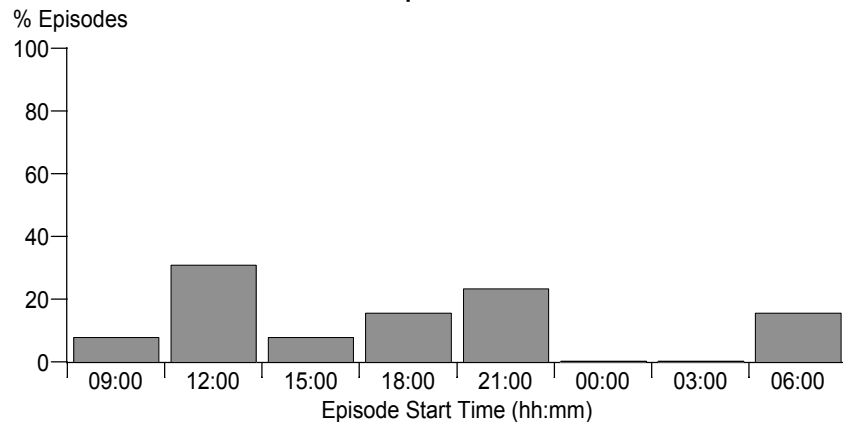
% of Time AT/AF	<0.1	%	<0.1	%
Average AT/AF time/day	<0.1	hours/day	<0.1	hours/day
Monitored AT/AF Episodes	0.0	per day	<0.1	per day ↑
Treated AT/AF Episodes	0.0	per day	0.0	per day
Pace-Terminated Episodes	0.0	%	0.0	%
% of Time Atrial Pacing	85.8	%	74.4	% ↓
% of Time Atrial Intervention	0.0	%	0.0	%
AT-NS (>6 beats)	0.1	per day	0.4	per day ↑

Since Last Session 19-Apr-2018 to 21-May-2018

AT/AF Durations

Duration	Episodes
>72 hr	0
48 hr to 72 hr	0
24 hr to 48 hr	0
12 hr to 24 hr	0
4 hr to 12 hr	0
1 hr to 4 hr	0
10 min to 1 hr	0
1 min to 10 min	0
<1 min	13

AT/AF Episode Start Time



AT/AF Rx

Treated episodes
% Terminated

Rx1:Off Rx2:Off Rx3:Off

ATP Rx versus

ms	100-149	150-199	200-249	250-299	300-349	350-399	400-449	ms
bpm	401-600	301-400	241-300	201-240	172-200	151-171	133-150	bpm

Treated episodes
% Terminated

ATP Sequences: 0 delivered, 0 aborted

Automatic Shocks: 0 delivered, 0 failed

Patient Activated Shocks: 0 delivered, 0 failed

Arrhythmia Episode List

Device: **Secura DR D234DRG**

Serial Number: **PZC617215S**

Date of Visit: **21-May-2018 08:36:37**

Patient: **TOMKOVA 826229 Katerina**

ID: **826229/3853**

Physician: **Sepsi 00420777227346**

Arrhythmia Episode List: 19-Apr-2018 09:25:10 to 21-May-2018 08:36:37

All collected episodes.

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm A/V	Max bpm A/V	Activity at Onset
VT	6	35J	Yes	19	18-May-2018	19:11	:54	133/200	167/200	Active
AT/AF				18	01-May-2018	18:47	:31	197/109	231/113	Rest
VT-NS				17	22-Apr-2018	12:41	:02	66/170		Rest
----- Last Programmer Session 19-Apr-2018 -----										
----- Last Medtronic CareLink Monitor Session 26-Sep-2017 -----										
(Data prior to last session has not been interrogated.)										

Treated VT/VF Episode #19

Device: **Secura DR D234DRG**

Serial Number: **PZC617215S**

Date of Visit: **21-May-2018 08:36:37**

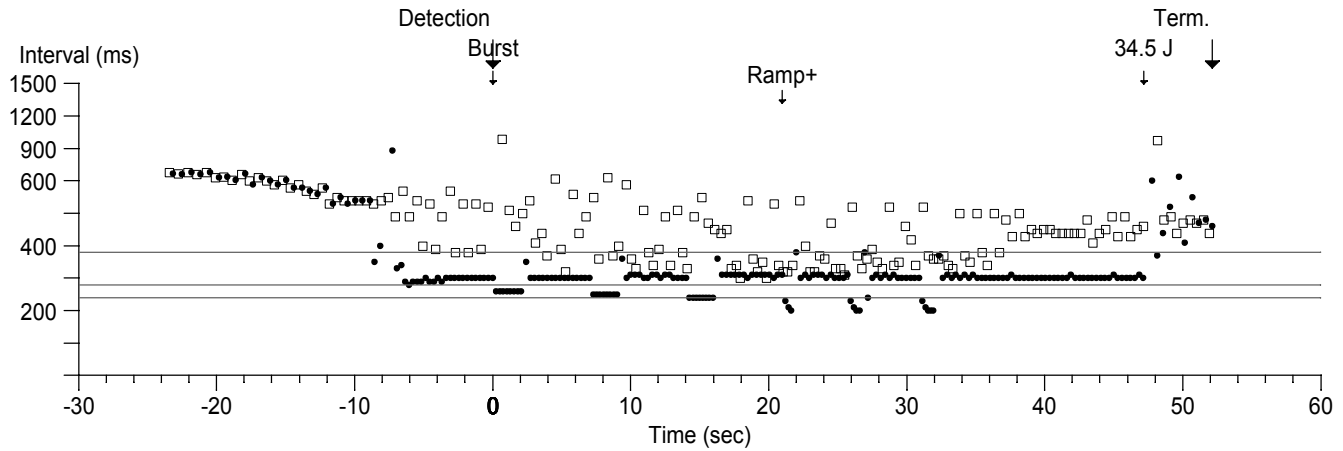
Patient: **TOMKOVA 826229 Katerina**

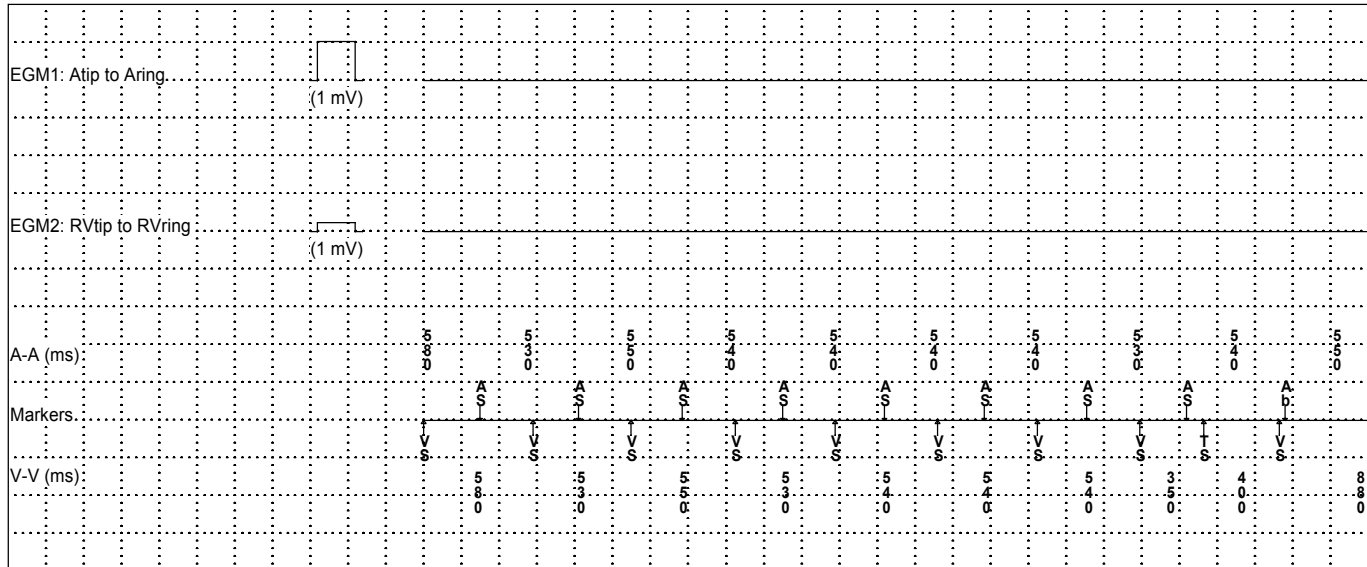
ID: **826229/3853**

Physician: **Sepsi 00420777227346**

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm A/V	Max bpm A/V	Activity at Onset
VT	6	35J	Yes	19	18-May-2018	19:11	:54	133/200	167/200	Active

• V-V □ A-A VF = 280 ms FVT = 240 ms VT = 380 ms





Treated VT/VF Episode #19

Device: Secura DR D234DRG

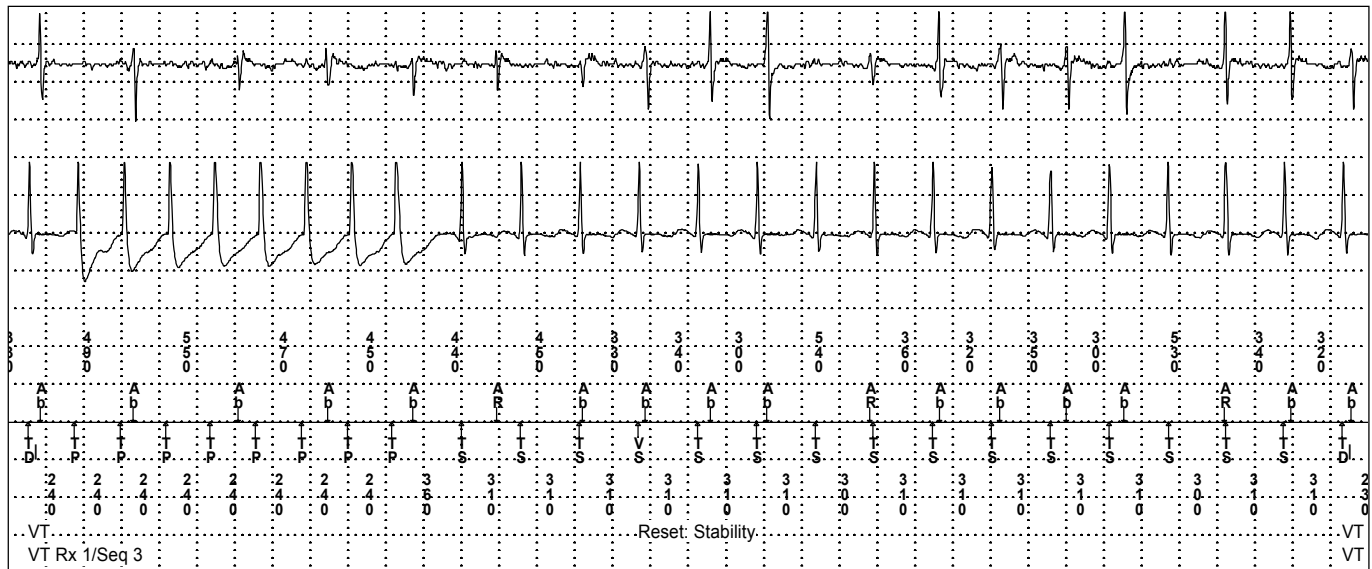
Serial Number: PZC617215S

Date of Visit: 21-May-2018 08:36:37

Patient: TOMKOVA 826229 Katerina

ID: 826229/3853

Episode #19 - VT Chart speed: 25.0 mm/sec



Treated VT/VF Episode #19

Device: Secura DR D234DRG

Serial Number: PZC617215S

Date of Visit: 21-May-2018 08:36:37

Patient: TOMKOVA 826229 Katerina

ID: 826229/3853

Episode #19 - VT Chart speed: 25.0 mm/sec



Treated VT/VF Episode #19

Device: Secura DR D234DRG

Serial Number: PZC617215S

Date of Visit: 21-May-2018 08:36:37

Patient: TOMKOVA 826229 Katerina

ID: 826229/3853

Episode #19 - VT Chart speed: 25.0 mm/sec

