

Session Summary

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Device Information

Device Medtronic Evera S VR DVBC3D1 Implanted: 25-Apr-2016

Device Status (Implanted: 25-Apr-2016)

Remaining Longevity Replace Device RRT (23-Nov-2020)
(RRT on 22-Nov-2020)
(based on initial interrogation)

RV

SVC

Pacing Impedance 475 ohms
Defibrillation Impedance RV=48 ohms
SVC=68 ohms
Pace Polarity Bipolar
Capture Threshold 0.875 V @ 0.40 ms
Measured On 22-Nov-2020
Programmed Amplitude/Pulse Width 2.00 V / 0.40 ms
Measured R Wave 15.1 mV
Programmed Sensitivity 0.30 mV

Parameter Summary

Mode VVI Lower Rate 40 bpm

Detection

VF On
FVT OFF
VT On

Rates

>188 bpm
154-188 bpm

Therapies

ATP During Charging, 35J x 6
All Rx Off
Burst(3), Ramp(3), Ramp+(3), 35J x 3

Enhancements On: VT Monitor, Wavelet, High Rate Timeout, TWave, Noise(Timeout)

Changes This Session

Session Start Current Value

No parameters have been changed during the current session.

Rate Histograms

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Prior to Last Session

03-Sep-2020 to 23-Nov-2020

81 days

Since Last Session

23-Nov-2020 to 23-Nov-2020

10 hours

% of Time

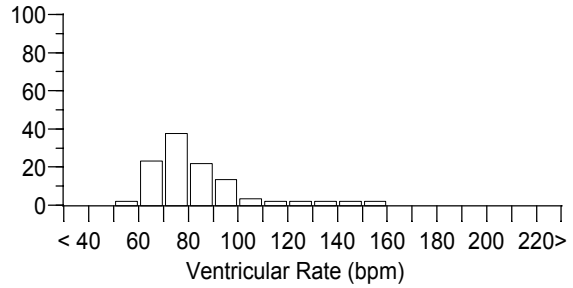
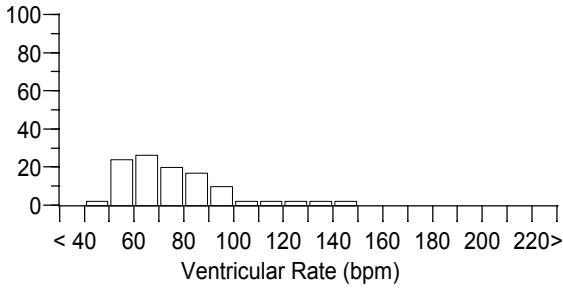
VS 100.0 %
VP < 0.1%

100.0 %
0.0 %

Ventricular

% of Time

□ VS
■ VP



Cardiac Compass Report

Device: **Evera S VR DVBC3D1**

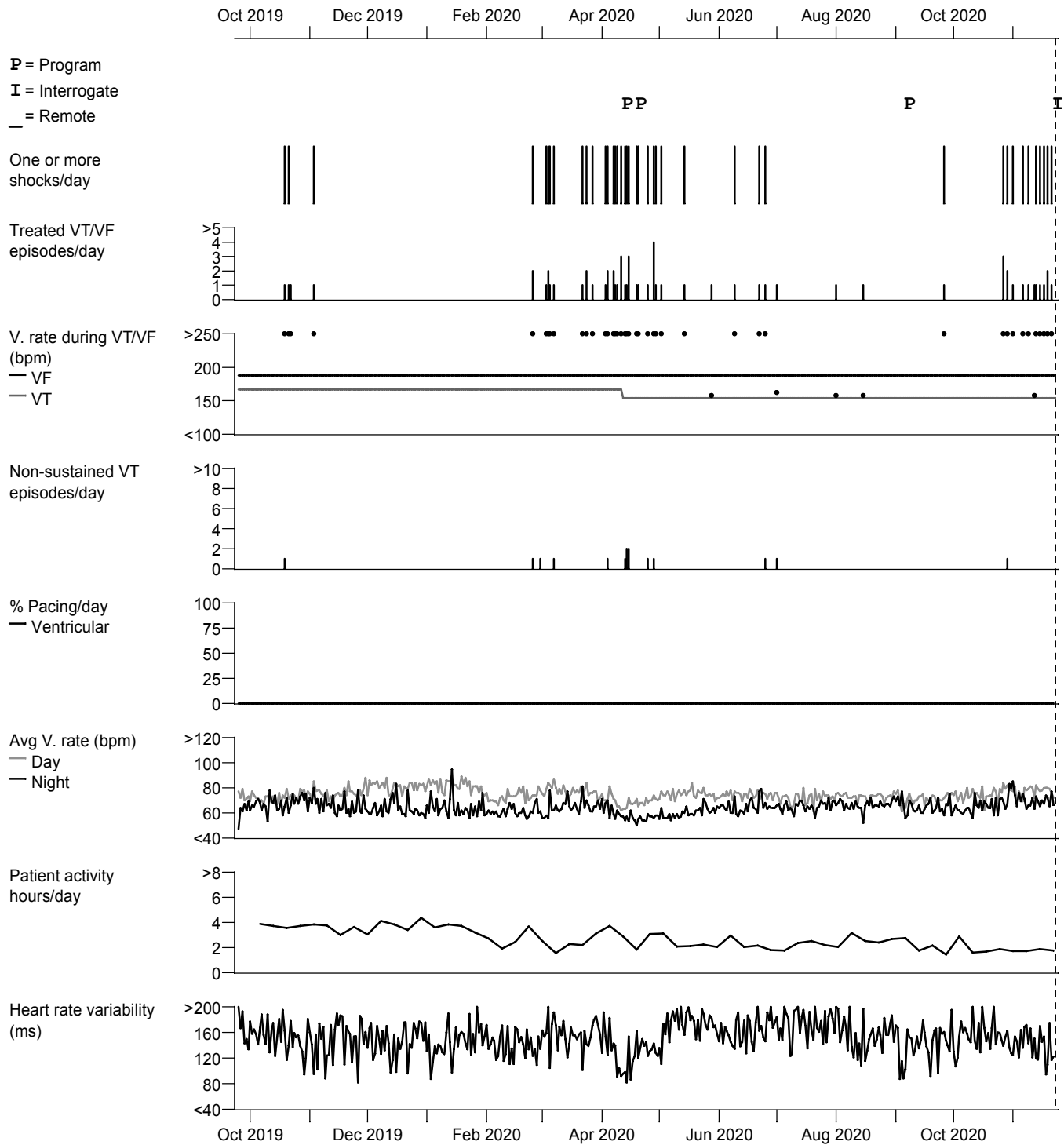
Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:



VT/VF Counters

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Prior Session	Last Session	Device Lifetime
03-Sep-2020 to 23-Nov-2020	23-Nov-2020 to 23-Nov-2020	Total (Since 25-Apr-2016)
81 days	10 hours	55 months

VT/VF Counters

VT/VF Counters	Prior Session	Last Session	Device Lifetime
VF	15	0 ↓	79
FVT	0	0	0
VT	1	0 ↓	27
Monitored VT (133 - 154 bpm)	22	0 ↓	
VT-NS (>4 beats, >154 bpm)	1	0 ↓	
High Rate-NS	0	0	
PVC Runs (2-4 beats)	3.2 per hour	NA*	
PVC Singles	0.8 per hour	NA*	
Runs of VRS Paces	0.0 per hour	NA*	
Single VRS Paces	0.0 per hour	NA*	

*NA: Session duration less than 1 day.

SVT: VT/VF Rx Withheld

Wavelet	0	0	19
V. Stability	0	0	0
Onset	0	0	0

V. Oversensing: VT/VF Rx Withheld

V. Oversensing-TWave	0	0	0
V. Oversensing-Noise	0	0	0

VT/VF Therapy Summary

Pace-terminated	1 of 1	0	26 of 27
Shock-terminated	15 of 15	0	79 of 79
Total VT/VF Shocks	15	0	79
Aborted Charges	0	0	1

VT/VF Therapy Efficacy Since Last Session 23-Nov-2020 to 23-Nov-2020

VF Therapy	ATP+Chg	35 J	35 J	35 J	35 J	35 J	35 J
Delivered	0	0	0	0	0	0	0
Successful	0	0	0	0	0	0	0

FVT Therapy Off

VT 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

Arrhythmia Episode List

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Arrhythmia Episode List: 25-Apr-2016 20:45:20 to 23-Nov-2020 21:02:20

All collected episodes.

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
(No data since last session.)										
----- Last Programmer Session 23-Nov-2020 -----										
VT-Mon				210	22-Nov-2020	22:11	:17	137	140	Active
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest
VF	0	35J	Yes	208	19-Nov-2020	06:31	:14	353	---	Rest
VF	0	35J	Yes	207	19-Nov-2020	05:00	:14	353	---	Rest
VF	0	35J	Yes	206	17-Nov-2020	09:16	:14	300	316	Rest
VF	0	35J	Yes	205	15-Nov-2020	08:00	:14	286	300	Rest
VF	0	35J	Yes	204	13-Nov-2020	05:49	:14	316	333	Rest
VT-Mon				203	12-Nov-2020	10:20	:01:13	144	154	Active
VT	1		Yes	202	12-Nov-2020	10:20	:08	158	158	Active
VT-Mon				201	12-Nov-2020	10:19	:22	154	158	Active
VF	0	35J	Yes	200	09-Nov-2020	04:50	:13	353	---	Rest
VF	0	35J	Yes	199	06-Nov-2020	05:06	:15	333	---	Rest
VT-Mon				198	01-Nov-2020	12:21	:07	135	136	Active
VF	0	35J	Yes	197	01-Nov-2020	04:57	:14	316	---	Rest
VF	0	35J	Yes	196	29-Oct-2020	06:50	:14	333	333	Rest
VF	0	35J	Yes	195	29-Oct-2020	05:56	:14	333	---	Rest
VT-NS				194	29-Oct-2020	05:56	:02	314	---	Rest
VF	0	35J	Yes	193	27-Oct-2020	08:41	:13	375	---	Rest
VF	0	35J	Yes	192	27-Oct-2020	06:43	:13	286	300	Rest
VF	0	35J	Yes	191	27-Oct-2020	06:17	:14	316	---	Rest
VT-Mon				190	13-Oct-2020	17:33	:26	136	143	Active
VT-Mon				189	13-Oct-2020	17:27	:17	137	140	Active
VT-Mon				188	13-Oct-2020	17:26	:24	136	140	Active
VT-Mon				187	12-Oct-2020	18:16	:45	138	140	Active
VT-Mon				186	11-Oct-2020	17:13	:06:34	146	154	Active
VT-Mon				185	07-Oct-2020	17:55	:09	135	140	Active
VF	0	35J	Yes	184	26-Sep-2020	07:54	:13	375	---	Rest
VT-Mon				183	15-Sep-2020	18:15	:11	135	136	Active
VT-Mon				182	15-Sep-2020	18:14	:26	136	140	Active
VT-Mon				181	15-Sep-2020	18:14	:07	134	136	Active
VT-Mon				180	15-Sep-2020	18:06	:35	147	154	Active
VT-Mon				179	15-Sep-2020	17:57	:37	135	136	Active
VT	1		Yes	164	15-Aug-2020	18:24	:08	162	---	Active
SVT-Wavelet				158	11-Aug-2020	18:43	:05	158	158	Active
VT	1		Yes	155	01-Aug-2020	18:22	:09	162	---	Active
SVT-Wavelet				146	23-Jul-2020	18:35	:29	162	167	Active
SVT-Wavelet				145	22-Jul-2020	18:56	:07	162	---	Active
SVT-Wavelet				144	21-Jul-2020	18:18	:02:40	167	167	Active
VT	1		Yes	141	01-Jul-2020	18:21	:03	162	162	Active
SVT-Wavelet				140	01-Jul-2020	18:21	:18	162	162	Active
VT-NS				138	01-Jul-2020	01:37	:02	218	---	Rest
VF	0	35J	Yes	136	25-Jun-2020	02:17	:14	333	---	Rest
VT-NS				135	25-Jun-2020	01:45	<:01	250	---	Rest
VF	0	35J	Yes	134	22-Jun-2020	10:40	:14	316	---	Rest
VF	0	35J	Yes	133	09-Jun-2020	06:35	:15	400	---	Rest
VT	1		Yes	130	28-May-2020	18:16	:06	162	---	Active
SVT-Wavelet				129	24-May-2020	18:09	:07	162	---	Active
VF	0	35J	Yes	128	14-May-2020	07:20	:14	333	---	Rest
VF	0	35J	Yes	126	02-May-2020	03:33	:13	375	---	Rest
VF	0	35J	Yes	125	29-Apr-2020	04:23	:13	353	---	Rest

Arrhythmia Episode List

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	124	28-Apr-2020	11:43	:18	353	353	Active
VF	0	35J	Yes	123	28-Apr-2020	06:19	:13	353	---	Rest
VT-NS				122	28-Apr-2020	06:19	:01	308		Rest
VF	0	35J	Yes	121	28-Apr-2020	05:42	:13	316	316	Active
VF	0	35J	Yes	120	28-Apr-2020	05:02	:13	353	---	Rest
High Rate-NS				119	25-Apr-2020	02:02	:03	283		Active
VF	0	35J	Yes	118	25-Apr-2020	01:32	:12	375	---	Rest
VF	0	35J	Yes	117	20-Apr-2020	00:40	:14	333	---	Rest
VF	0	35J	Yes	116	19-Apr-2020	03:14	:14	300	300	Rest
High Rate-NS				115	15-Apr-2020	14:21	:01	279		Rest
VF	0	35J	Yes	114	15-Apr-2020	11:36	:12	375	---	Rest
VF	0	35J	Yes	113	15-Apr-2020	11:03	:13	375	---	Rest
High Rate-NS				112	15-Apr-2020	09:06	:01	276		Rest
VF	0	35J	Yes	111	15-Apr-2020	08:29	:12	333	353	Active
VT-NS				110	14-Apr-2020	08:34	:01	214		Rest
VF	0	35J	Yes	109	14-Apr-2020	01:30	:13	261	300	Rest
VT-NS				108	14-Apr-2020	01:30	:03	317		Rest
VT-NS				107	13-Apr-2020	07:50	:01	240		Rest
VF	0	35J	Yes	106	13-Apr-2020	03:15	:13	353	---	Rest
VF	0	35J	Yes	105	11-Apr-2020	18:26	:12	400	---	Rest
VF	0	35J	Yes	104	11-Apr-2020	07:46	:12	333	---	Rest
VF	0	35J	Yes	103	11-Apr-2020	04:30	:12	375	---	Rest
VF	0	35J	Yes	102	09-Apr-2020	06:16	:13	353	---	Rest
VF	0	35J	Yes	101	08-Apr-2020	04:51	:13	333	---	Rest
VF	0	35J	Yes	100	07-Apr-2020	04:04	:12	333	333	Active
VF	0	35J	Yes	99	07-Apr-2020	03:20	:13	333	353	Rest
VF	0	35J	Yes	98	04-Apr-2020	09:17	:29	375	---	Rest
VF	0	35J	Yes	97	04-Apr-2020	08:47	:38	353	---	Rest
VT-NS				96	04-Apr-2020	08:46	:02	279		Rest
VF	0	35J	Yes	95	03-Apr-2020	05:40	:13	375	---	Rest
VF	0	35J	Yes	94	27-Mar-2020	07:42	:14	353	---	Rest
VF	0	35J	Yes	93	24-Mar-2020	06:23	:13	300	333	Rest
VF	0	35J	Yes	92	24-Mar-2020	05:31	:14	316	333	Rest
VF	0	35J	Yes	91	22-Mar-2020	06:24	:13	300	300	Rest
VF	0	35J	Yes	90	07-Mar-2020	04:50	:14	333	---	Rest
High Rate-NS				89	07-Mar-2020	04:50	:02	290		Rest
VF	0	35J	Yes	88	05-Mar-2020	02:23	:13	375	---	Rest
VF	0	35J	Yes	87	04-Mar-2020	04:53	:14	333	---	Rest
VF	0	35J	Yes	86	04-Mar-2020	01:32	:14	316	316	Rest
VF	0	35J	Yes	85	03-Mar-2020	05:48	:13	353	353	Active
High Rate-NS				84	29-Feb-2020	03:11	:02	283		Rest
VT-NS				83	25-Feb-2020	10:50	:01	240		Rest
VF	0	35J	Yes	82	25-Feb-2020	09:46	:12	333	353	Active
VF	0	35J	Yes	81	25-Feb-2020	07:29	:13	333	353	Rest
VF	0	35J	Yes	80	03-Nov-2019	05:18	:13	375	---	Rest
VF	0			79	22-Oct-2019	07:33	:07	316	---	Rest
VF	0	35J	Yes	78	21-Oct-2019	06:01	:13	333	---	Rest
VF	0	35J	Yes	77	19-Oct-2019	09:59	:14	353	---	Rest
VF	0	35J	Yes	75	23-Sep-2019	07:26	:13	400	---	Rest
VT	9	35J	Yes	74	10-Sep-2019	17:57	:01:17	188	188	Active
SVT-Wavelet				73	10-Sep-2019	17:55	:10	176	---	Active
SVT-Wavelet				72	10-Sep-2019	17:54	:18	171	171	Active
VT	3		Yes	71	10-Sep-2019	17:53	:20	182	182	Active
SVT-Wavelet				70	10-Sep-2019	17:51	:01:41	182	188	Active
VT	2		Yes	69	10-Sep-2019	17:51	:10	188	188	Active

Arrhythmia Episode List

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
SVT-Wavelet				68	10-Sep-2019	17:51	:13	176	188	Active
VT	3		Yes	67	10-Sep-2019	17:50	:18	176	176	Active
SVT-Wavelet				66	10-Sep-2019	17:50	:10	176	176	Active
VT	1		Yes	65	14-Jul-2019	12:03	:11	176	---	Active
VT-NS				64	14-Jul-2019	12:02	<:01	171		Active
SVT-Wavelet				63	01-Jul-2019	12:25	:10	171	171	Active
VT-NS				62	07-May-2019	09:08	:03	171		Active
VT	1		Yes	61	07-May-2019	09:08	:10	176	---	Active
VT-NS				60	30-Apr-2019	21:02	:01	171		Active
VT	1		Yes	59	30-Apr-2019	21:00	:12	176	176	Active
VT	2		Yes	58	30-Apr-2019	20:59	:16	176	176	Active
VT	2		Yes	57	30-Apr-2019	20:49	:17	171	171	Active
VT-NS				56	30-Apr-2019	20:48	:02	171		Active
VT	3		Yes	55	30-Apr-2019	20:47	:22	171	176	Active
VT-NS				54	30-Apr-2019	20:47	:03	171		Active
VT	2		Yes	53	30-Apr-2019	20:46	:15	176	176	Active
VT	1		Yes	52	30-Apr-2019	20:46	:13	171	171	Active
VT-NS				51	30-Apr-2019	20:45	:04	171		Active
VT	2		Yes	50	30-Apr-2019	20:40	:16	176	---	Active
VT	1		Yes	49	30-Apr-2019	20:39	:10	171	171	Active
VT	1		Yes	48	30-Apr-2019	20:39	:11	171	171	Active
VT	2		Yes	47	30-Apr-2019	20:24	:16	171	171	Active
VT	2		Yes	46	30-Apr-2019	20:23	:16	171	171	Active
VT	1		Yes	45	30-Apr-2019	20:22	:12	176	---	Active
VT	1		Yes	43	30-Apr-2019	20:21	:08	171	171	Active
VT	3		Yes	39	03-Dec-2018	10:25	:27	176	182	Active
VT	1		Yes	37	03-Dec-2018	10:23	:13	176	176	Active
VT	1		Yes	33	03-Dec-2018	10:20	:13	176	---	Active
SVT-Wavelet				32	12-Oct-2018	10:45	:12	176	---	Active
SVT-Wavelet				31	12-Oct-2018	10:45	:10	176	176	Active
VF	0	35J	Yes	30	12-Oct-2018	08:05	:14	333	---	Rest
VF	0	35J	Yes	29	12-Oct-2018	05:29	:13	316	---	Rest
VF	0	35J	Yes	28	02-Sep-2018	07:20	:13	353	353	Rest
VF	0	35J	Yes	27	02-Sep-2018	06:04	:13	375	---	Rest
VF	0	35J	Yes	26	02-Sep-2018	05:41	:13	353	---	Rest
VF	0	35J	Yes	25	02-Sep-2018	04:56	:13	333	375	Rest
VF	0	35J	Yes	24	31-Aug-2018	05:08	:13	316	316	Rest
VF	0	35J	Yes	23	25-Jun-2018	03:04	:12	400	---	Rest
SVT-Wavelet				22	17-Dec-2017	11:32	:31	171	171	Active
SVT-Wavelet				20	17-Sep-2017	03:31	:25	171	171	Active
SVT-Wavelet				19	17-Sep-2017	03:29	:54	176	176	Active
VF	0	35J	Yes	17	02-Sep-2017	06:03	:12	333	333	Rest
VF	0	35J	Yes	16	28-Aug-2017	07:06	:12	429	---	Rest
VF	0	35J	Yes	15	05-Jul-2017	07:48	:13	316	316	Rest
VF	0	35J	Yes	14	27-Jun-2017	10:28	:13	333	333	Active
VF	0	35J	Yes	11	27-May-2017	21:18	:13	429	---	Rest
VF	0	35J	Yes	10	17-May-2017	06:01	:14	400	---	Rest
SVT-Wavelet				7	31-Jan-2017	22:32	:49	176	176	Active
SVT-Wavelet				6	31-Jan-2017	16:20	:21	176	176	Active

Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

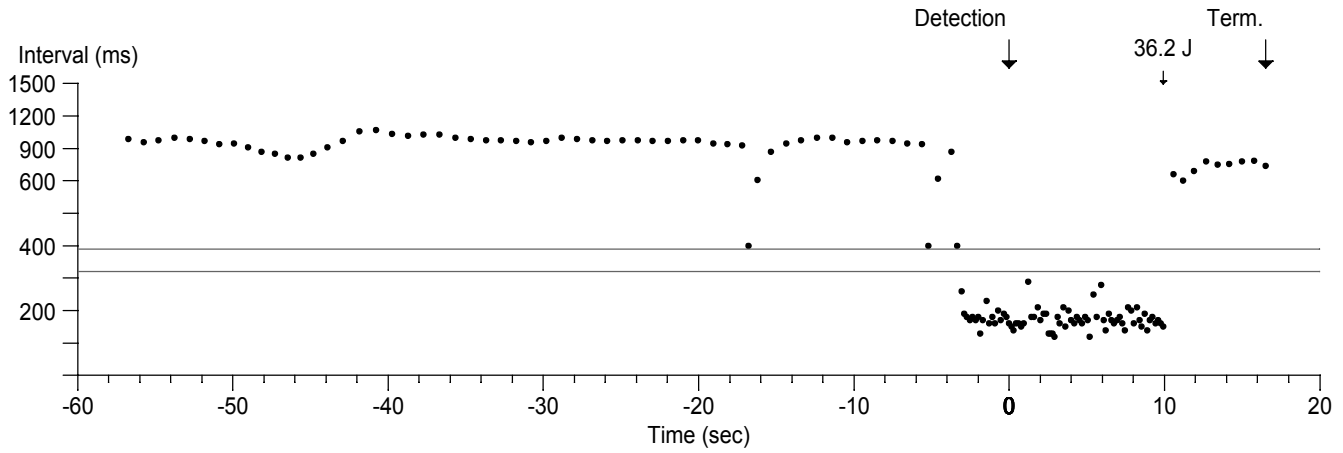
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

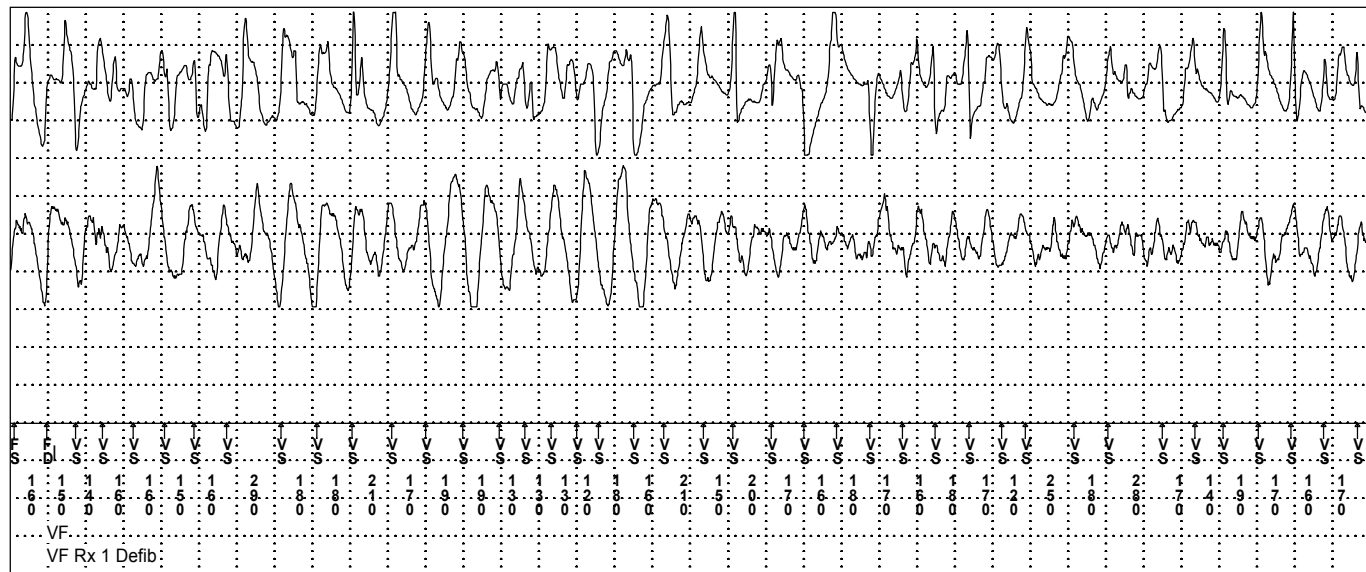
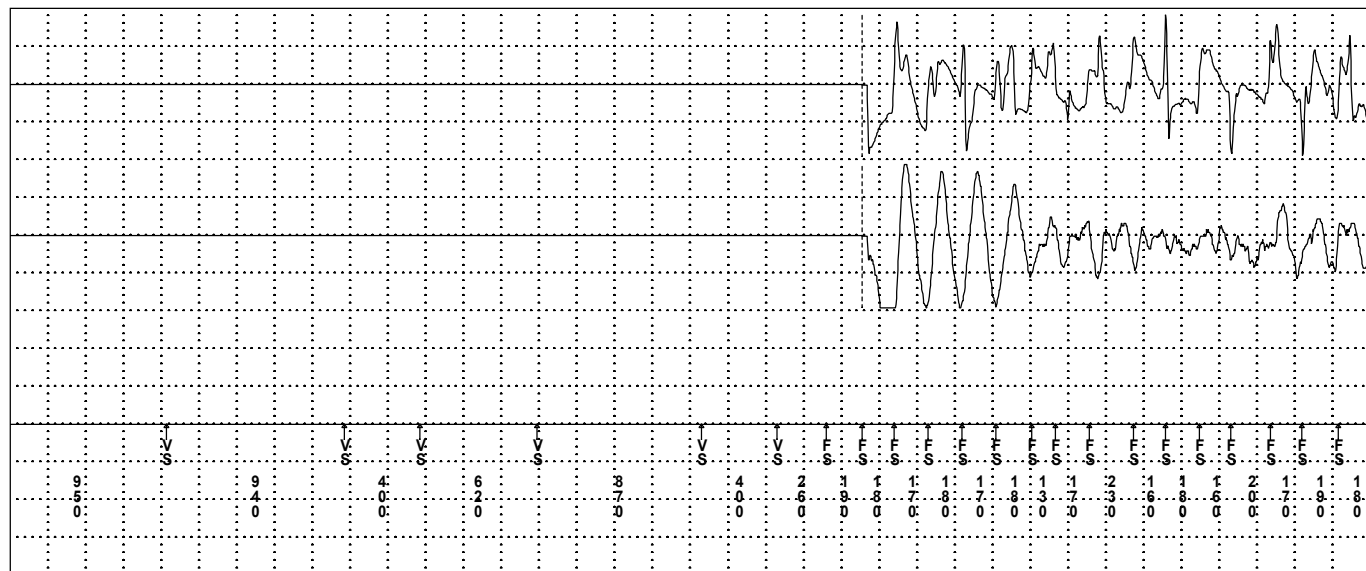
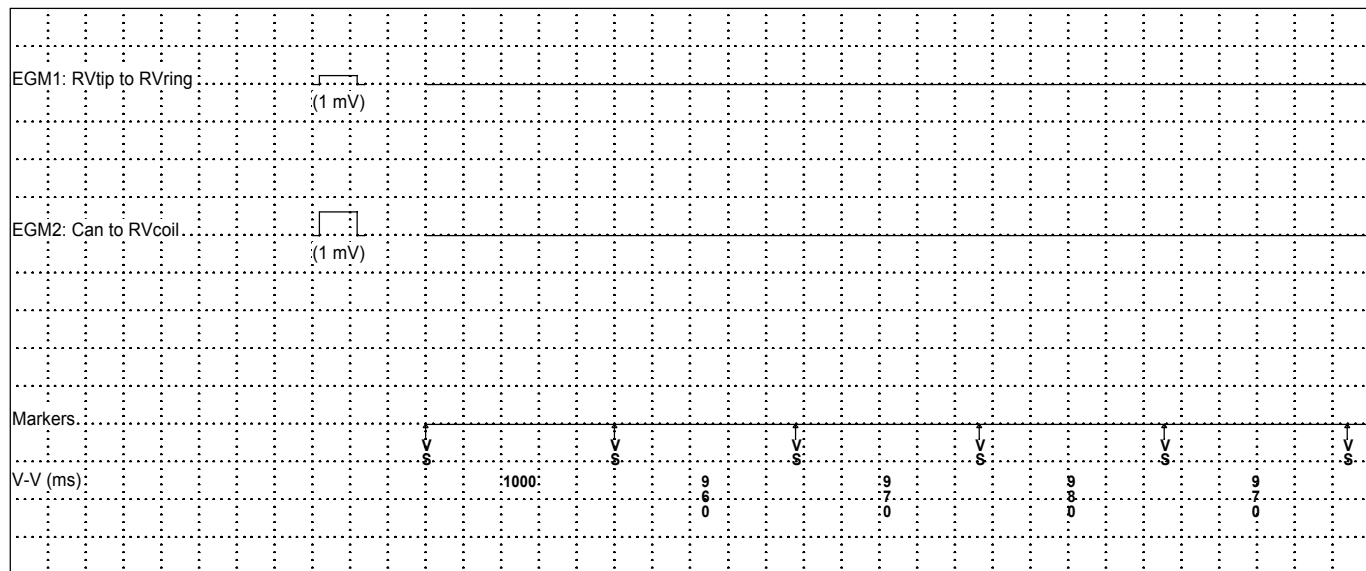
Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Episode #209 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

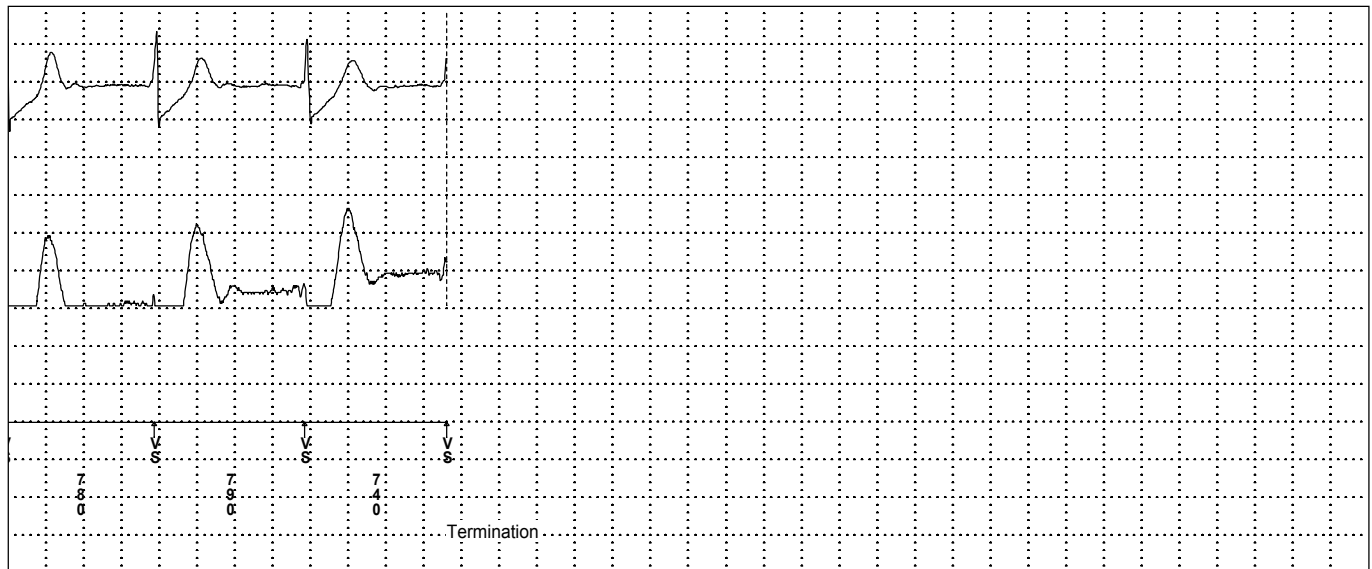
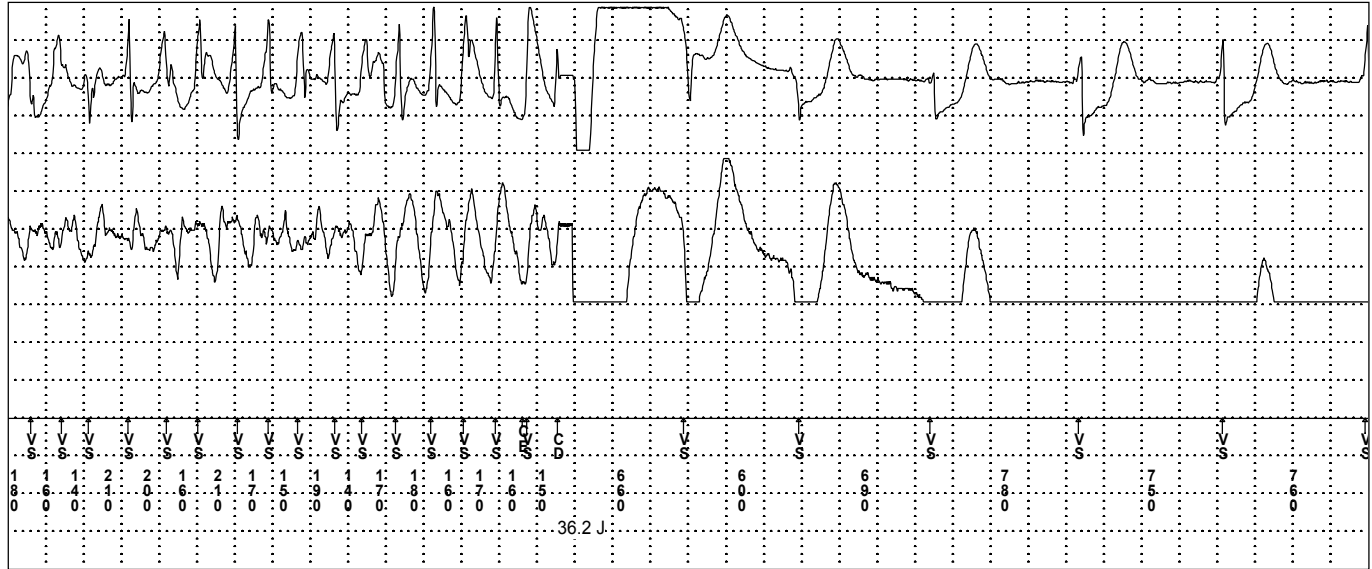
Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Episode #209 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #209

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Episode #209: 21-Nov-2020 05:47:25

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate ---
 V. Median 333 bpm (180 ms)
 Activity at onset Rest, Sensor = 43 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Defib	36.2 J	9.68 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT Off			
VT On	16	12	390 ms (154 bpm)
Monitor Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 20-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity	RV
Pace Polarity	Bipolar
Sense Polarity	Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

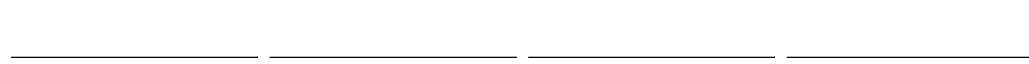
Patient:

ID:

Physician:

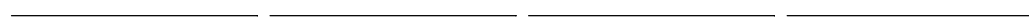
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
 20 ms
 — QRS
 - - - - Template

No Match --- No Match --- No Match --- No Match ---



Lead Trends - RV

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

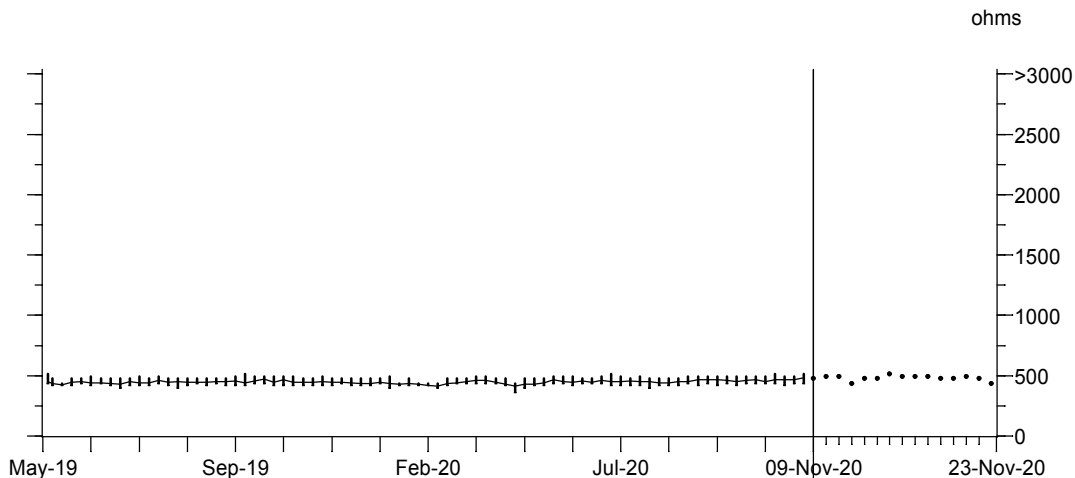
ID:

Physician:

RV Pace Polarity **Bipolar**
RV Sense Polarity **Bipolar**

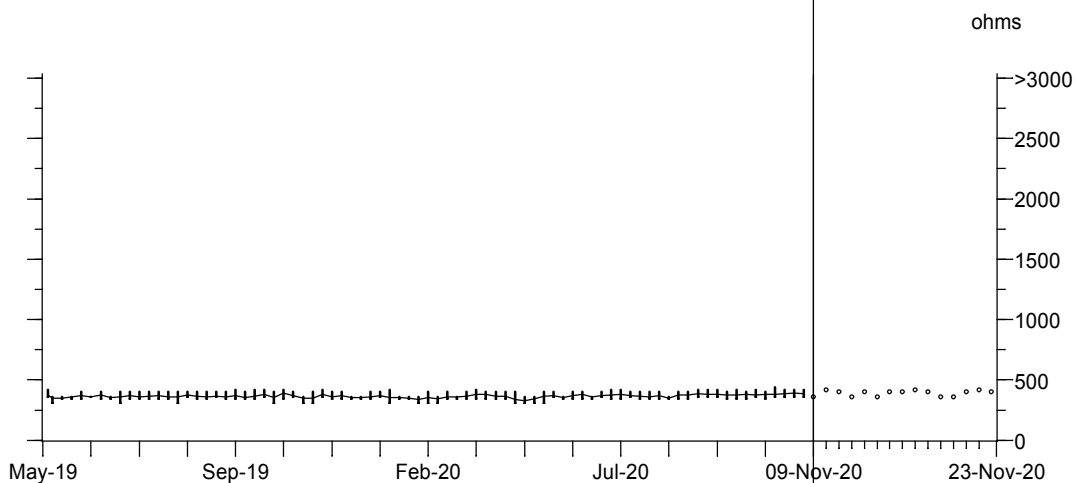
RV Impedance (bipolar)

Last Measured 475 ohms



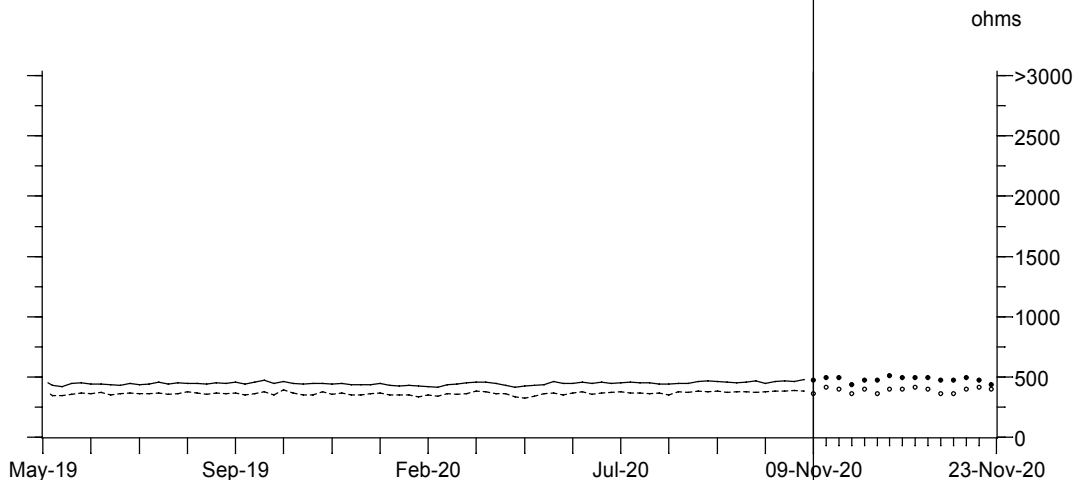
RV Impedance (tip to coil)

Last Measured 399 ohms



RV Impedance

—— Bipolar
- - - - Tip to Coil



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

Last 15 days

Lead Trends - RV

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

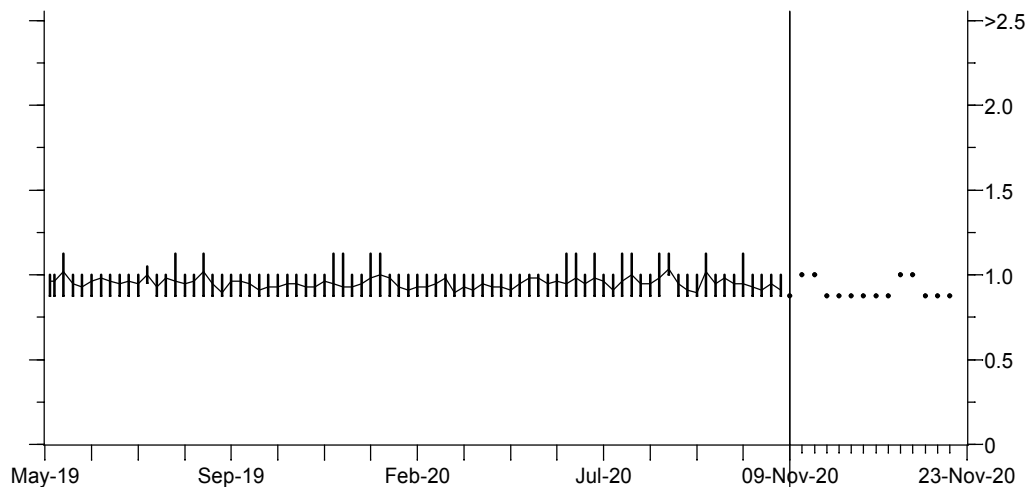
ID:

Physician:

RV Threshold

Capture Adaptive
Amplitude 2.00 V
Pulse Width 0.40 ms
Last Measured 0.875 V @ 0.40 ms
Measured On 22-Nov-2020

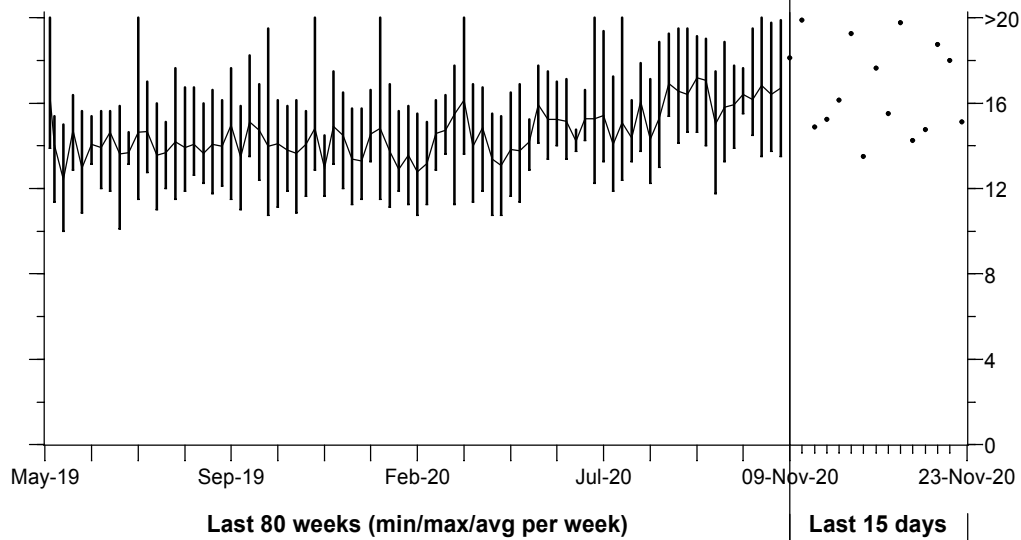
V @ 0.40 ms



R-Wave Amplitude

Sensitivity 0.30 mV
Last Measured 15.1 mV

mV



Lead Trends - RV

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

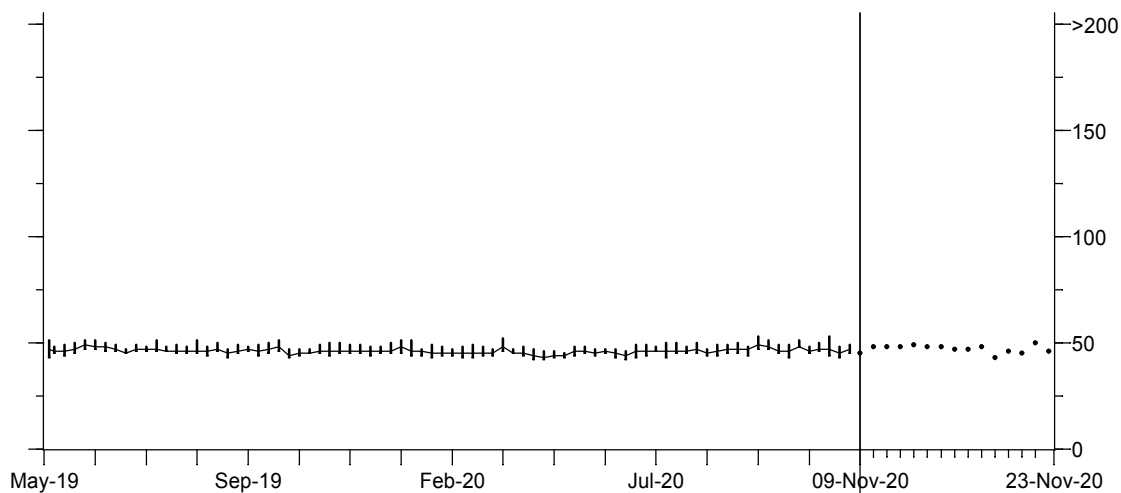
ID:

Physician:

RV Defib Impedance

Last Measured 48 ohms

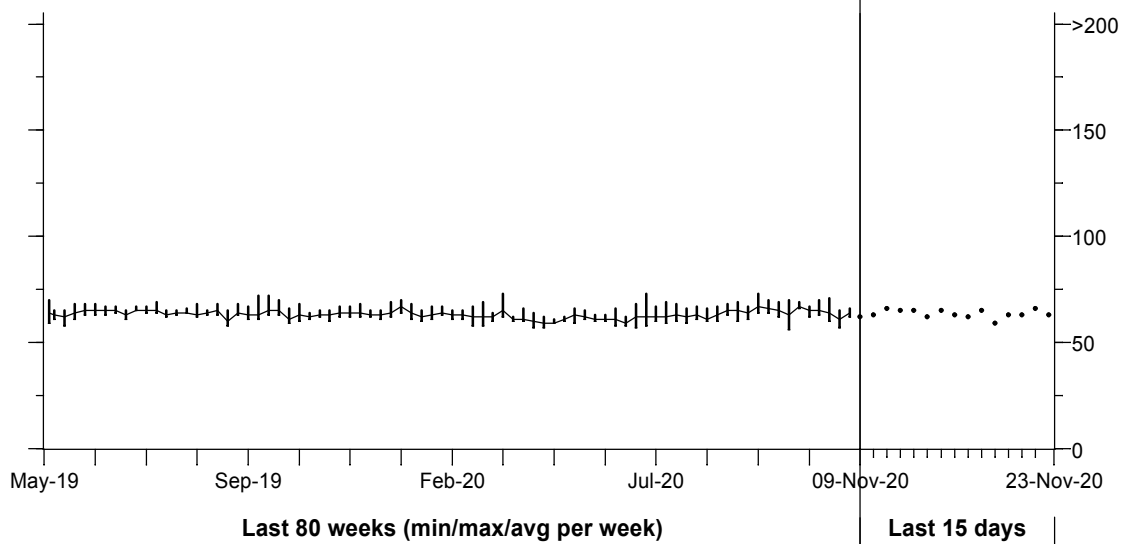
ohms



SVC Defib Impedance

Last Measured 68 ohms

ohms



Battery and Lead Measurements Report

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Last Interrogation: 23-Nov-2020 21:02:20

Remaining Longevity **23-Nov-2020**

Estimated at:	Replace Device	RRT
Minimum:	Replace Device	
Maximum:	Replace Device	

(RRT on 22-Nov-2020)
(based on initial interrogation)

Battery Voltage **23-Nov-2020**

Voltage	2.72 V
---------	--------

(RRT=2.73V on 22-Nov-2020)

Last Charge **21-Nov-2020**

Charge Time	9.7 sec
Energy	0.0 - 35 J

Sensing Integrity Counter **Since 23-Nov-2020**

Short V-V Intervals	0
---------------------	---

Lead Impedance

RV Pacing (Bipolar)	475 ohms	23-Nov-2020
RV Defib	48 ohms	23-Nov-2020
SVC Defib	68 ohms	23-Nov-2020

Sensing

R-Wave Amplitude	15.1 mV	23-Nov-2020
------------------	---------	-------------

Last High Voltage Therapy **21-Nov-2020**

Measured Impedance	48 ohms
Delivered Energy	36 J
Waveform	Biphasic
Pathway	B>AX

Parameters

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Pacing Summary

Mode		Rates	
Mode	VVI	Lower	40 bpm

Pacing Details

	RV
Amplitude	2.00 V
Pulse Width	0.40 ms
Capture Management	Adaptive
Amplitude Margin	2.0 X
Min. Adapted Amplitude	2.00 V
Acute Phase Remaining	Off
Acute Phase Completed	23-Aug-2016
Sensitivity	0.30 mV
Pace Polarity	Bipolar
Sense Polarity	Bipolar

Refractory/Blanking

V. Blank Post VP	200 ms
V. Blank Post VS	120 ms

Arrhythmia Interventions

V. Rate Stabilization	Off
-----------------------	-----

Post Shock Pacing

Post Shock Pacing*	
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 Hysteresis	Off
Sleep	Off

Device Information

Device	Medtronic	Evera S VR DVBC3D1	Implanted: 25-Apr-2016
--------	-----------	--------------------	------------------------

Parameters

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

VT/VF Detection

		V. Interval (Rate)	Initial	Redetect	
VF	On	320 ms (188 bpm)	18/24	9/12	320 ms
FVT	OFF				
VT	On	390 ms (154 bpm)	16	12	390 ms
Monitor	Monitor	450 ms (133 bpm)	32		No Rx 450 ms

Wavelet	Other Enhancements	Sensitivity
Wavelet	On	Stability Off RV 0.30 mV
Template	22-Nov-2020	Onset Off
Match Threshold	70 %	High Rate Timeout
Auto Collection	On	VF Zone Only 0.75 min
SVT V. Limit	260 ms	All Zones Off
		TWave On
		RV Lead Noise On+Timeout
		Timeout 0.75 min

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	AX>B	B>AX	AX>B	B>AX	AX>B

ATP During Charging

Deliver ATP if last 8 R-R >= 240 ms, Burst, Pulses = 8, R-S1 = 88 %, Decrement = 10 ms

ChargeSaver = On(1 episodes), SmartMode = On

FVT Therapies	Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
FVT Therapy Status	Off	Off	Off	Off	Off	Off

VT Therapies	Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
VT 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)	88 %	91 %	75 %			
S1S2(Ramp+)=(%RR)			69 %			
S2SN(Ramp+)=(%RR)			66 %			
Interval Dec	10 ms	10 ms				
# Sequences	3	3	3			
Smart Mode	Off	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
Confirmation+	On

Parameters

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Data Collection Setup

	Source	Range
LECG	Can to SVC	+/- 2 mV
EGM 1	RVtip to RVring	+/- 8 mV
EGM 2 (Wavelet)	Can to RVcoil	+/- 12 mV
EGM 3	RVtip to RVcoil	+/- 8 mV
Monitored	EGM1 and EGM2	
Pre-arrhythmia EGM	Off	
Device Date/Time	23-Nov-2020 21:05	
Holter Telemetry	Off	

Medtronic CareAlert Setup

Patient Home Monitor No
Alert Time 08:00

Alert Conditions	Enable-Urgency Tone	Threshold
Number of Shocks Delivered in an Episode	Off	
All Therapies in a Zone Exhausted	Off	
RV Lead Integrity	On-High	
RV Lead Noise	On-High	
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	2.73 V(RRT)
Excessive Charge Time EOS	On-High	
VF Detection OFF, 3+ VF or 3+ FVT Rx Off.	On-High	

Changes This Session

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Parameter	Session Start	Current Value
------------------	----------------------	----------------------

No parameters have been changed during the current session.

Patient Information Report

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Patient Identification

Patient

ID

Date of Birth

History

VT/VF

Slowest VT

Atrial Status

AV Conduction

Heart Failure

Activity Level

EF, on

Physician Information

Physician

Phone

Hospital

Last Update 03-Sep-2020

Leads

Lead 1

Lead Model

Lead Position

Manufacturer

Serial Number

Implant Date

Lead 2

Lead Model

Lead Position

Manufacturer

Serial Number

Implant Date

Lead 3

Lead Model

Lead Position

Manufacturer

Serial Number

Implant Date

Implant

Implant Date 25-Apr-2016

Defibrillation Energy ---

HV Impedance (ohms)

RV

R Wave Amplitude (mV)

Slew Rate ---

Pacing Threshold Amp. ---

Pulse Width Setting ---

Pacing Impedance (ohms)

Threshold Current (mA)

Notes:

Session Summary

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Device Information

Device Medtronic Evera S VR DVBC3D1 Implanted: 25-Apr-2016

Device Status (Implanted: 25-Apr-2016)

Remaining Longevity Replace Device RRT (23-Nov-2020)
(RRT on 22-Nov-2020)
(based on initial interrogation)

	RV
	SVC
Pacing Impedance	475 ohms
Defibrillation Impedance	RV=48 ohms SVC=68 ohms
Pace Polarity	Bipolar
Capture Threshold	0.875 V @ 0.40 ms
Measured On	22-Nov-2020
Programmed Amplitude/Pulse Width	2.00 V / 0.40 ms
Measured R Wave	15.1 mV
Programmed Sensitivity	0.30 mV

Parameter Summary

Mode VVI Lower Rate 40 bpm

Detection

VF On
FVT OFF
VT On

Rates

>188 bpm
154-188 bpm

Therapies

ATP During Charging, 35J x 6
All Rx Off
Burst(3), Ramp(3), Ramp+(3), 35J x 3

Enhancements On: VT Monitor, Wavelet, High Rate Timeout, TWave, Noise(Timeout)

Changes This Session

Session Start **Current Value**

No parameters have been changed during the current session.

Rate Histograms

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Prior to Last Session

03-Sep-2020 to 23-Nov-2020

81 days

Since Last Session

23-Nov-2020 to 23-Nov-2020

10 hours

% of Time

VS 100.0 %
VP < 0.1%

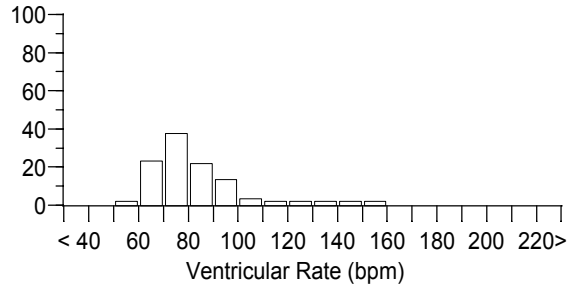
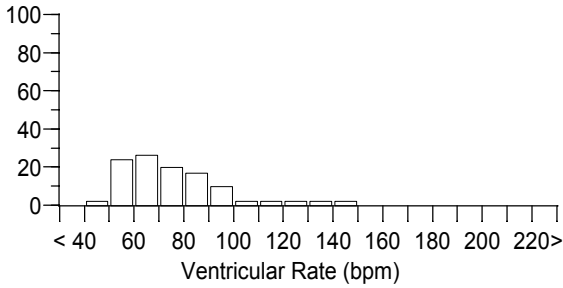
100.0 %
0.0 %

Ventricular

% of Time

□ VS

■ VP



Cardiac Compass Report

Device: **Evera S VR DVBC3D1**

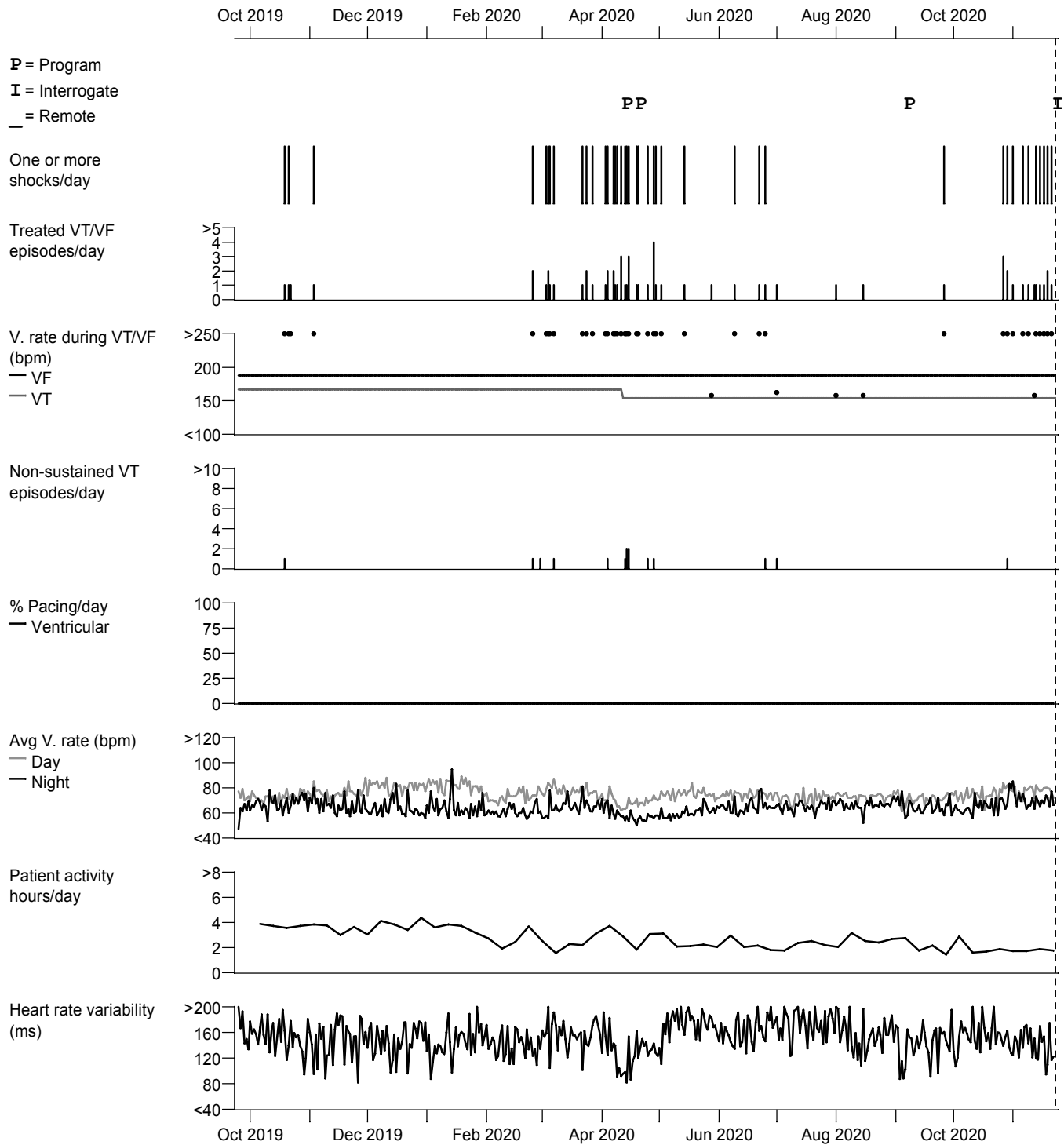
Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:



VT/VF Counters

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Prior Session	Last Session	Device Lifetime
03-Sep-2020 to 23-Nov-2020	23-Nov-2020 to 23-Nov-2020	Total (Since 25-Apr-2016)
81 days	10 hours	55 months

VT/VF Counters

VT/VF Counters	Prior Session	Last Session	Device Lifetime
VF	15	0 ↓	79
FVT	0	0	0
VT	1	0 ↓	27
Monitored VT (133 - 154 bpm)	22	0 ↓	
VT-NS (>4 beats, >154 bpm)	1	0 ↓	
High Rate-NS	0	0	
PVC Runs (2-4 beats)	3.2 per hour	NA*	
PVC Singles	0.8 per hour	NA*	
Runs of VRS Paces	0.0 per hour	NA*	
Single VRS Paces	0.0 per hour	NA*	

*NA: Session duration less than 1 day.

SVT: VT/VF Rx Withheld

Wavelet	0	0	19
V. Stability	0	0	0
Onset	0	0	0

V. Oversensing: VT/VF Rx Withheld

V. Oversensing-TWave	0	0	0
V. Oversensing-Noise	0	0	0

VT/VF Therapy Summary

Pace-terminated	1 of 1	0	26 of 27
Shock-terminated	15 of 15	0	79 of 79
Total VT/VF Shocks	15	0	79
Aborted Charges	0	0	1

VT/VF Therapy Efficacy Since Last Session 23-Nov-2020 to 23-Nov-2020

VF Therapy	ATP+Chg	35 J	35 J	35 J	35 J	35 J	35 J
Delivered	0	0	0	0	0	0	0
Successful	0	0	0	0	0	0	0

FVT Therapy Off

VT 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

Arrhythmia Episode List

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Arrhythmia Episode List: 25-Apr-2016 20:45:20 to 23-Nov-2020 21:02:20

All collected episodes.

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
(No data since last session.)										
----- Last Programmer Session 23-Nov-2020 -----										
VT-Mon				210	22-Nov-2020	22:11	:17	137	140	Active
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest
VF	0	35J	Yes	208	19-Nov-2020	06:31	:14	353	---	Rest
VF	0	35J	Yes	207	19-Nov-2020	05:00	:14	353	---	Rest
VF	0	35J	Yes	206	17-Nov-2020	09:16	:14	300	316	Rest
VF	0	35J	Yes	205	15-Nov-2020	08:00	:14	286	300	Rest
VF	0	35J	Yes	204	13-Nov-2020	05:49	:14	316	333	Rest
VT-Mon				203	12-Nov-2020	10:20	:01:13	144	154	Active
VT	1		Yes	202	12-Nov-2020	10:20	:08	158	158	Active
VT-Mon				201	12-Nov-2020	10:19	:22	154	158	Active
VF	0	35J	Yes	200	09-Nov-2020	04:50	:13	353	---	Rest
VF	0	35J	Yes	199	06-Nov-2020	05:06	:15	333	---	Rest
VT-Mon				198	01-Nov-2020	12:21	:07	135	136	Active
VF	0	35J	Yes	197	01-Nov-2020	04:57	:14	316	---	Rest
VF	0	35J	Yes	196	29-Oct-2020	06:50	:14	333	333	Rest
VF	0	35J	Yes	195	29-Oct-2020	05:56	:14	333	---	Rest
VT-NS				194	29-Oct-2020	05:56	:02	314	---	Rest
VF	0	35J	Yes	193	27-Oct-2020	08:41	:13	375	---	Rest
VF	0	35J	Yes	192	27-Oct-2020	06:43	:13	286	300	Rest
VF	0	35J	Yes	191	27-Oct-2020	06:17	:14	316	---	Rest
VT-Mon				190	13-Oct-2020	17:33	:26	136	143	Active
VT-Mon				189	13-Oct-2020	17:27	:17	137	140	Active
VT-Mon				188	13-Oct-2020	17:26	:24	136	140	Active
VT-Mon				187	12-Oct-2020	18:16	:45	138	140	Active
VT-Mon				186	11-Oct-2020	17:13	:06:34	146	154	Active
VT-Mon				185	07-Oct-2020	17:55	:09	135	140	Active
VF	0	35J	Yes	184	26-Sep-2020	07:54	:13	375	---	Rest
VT-Mon				183	15-Sep-2020	18:15	:11	135	136	Active
VT-Mon				182	15-Sep-2020	18:14	:26	136	140	Active
VT-Mon				181	15-Sep-2020	18:14	:07	134	136	Active
VT-Mon				180	15-Sep-2020	18:06	:35	147	154	Active
VT-Mon				179	15-Sep-2020	17:57	:37	135	136	Active
VT	1		Yes	164	15-Aug-2020	18:24	:08	162	---	Active
SVT-Wavelet				158	11-Aug-2020	18:43	:05	158	158	Active
VT	1		Yes	155	01-Aug-2020	18:22	:09	162	---	Active
SVT-Wavelet				146	23-Jul-2020	18:35	:29	162	167	Active
SVT-Wavelet				145	22-Jul-2020	18:56	:07	162	---	Active
SVT-Wavelet				144	21-Jul-2020	18:18	:02:40	167	167	Active
VT	1		Yes	141	01-Jul-2020	18:21	:03	162	162	Active
SVT-Wavelet				140	01-Jul-2020	18:21	:18	162	162	Active
VT-NS				138	01-Jul-2020	01:37	:02	218	---	Rest
VF	0	35J	Yes	136	25-Jun-2020	02:17	:14	333	---	Rest
VT-NS				135	25-Jun-2020	01:45	<:01	250	---	Rest
VF	0	35J	Yes	134	22-Jun-2020	10:40	:14	316	---	Rest
VF	0	35J	Yes	133	09-Jun-2020	06:35	:15	400	---	Rest
VT	1		Yes	130	28-May-2020	18:16	:06	162	---	Active
SVT-Wavelet				129	24-May-2020	18:09	:07	162	---	Active
VF	0	35J	Yes	128	14-May-2020	07:20	:14	333	---	Rest
VF	0	35J	Yes	126	02-May-2020	03:33	:13	375	---	Rest
VF	0	35J	Yes	125	29-Apr-2020	04:23	:13	353	---	Rest

Arrhythmia Episode List

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	124	28-Apr-2020	11:43	:18	353	353	Active
VF	0	35J	Yes	123	28-Apr-2020	06:19	:13	353	---	Rest
VT-NS				122	28-Apr-2020	06:19	:01	308		Rest
VF	0	35J	Yes	121	28-Apr-2020	05:42	:13	316	316	Active
VF	0	35J	Yes	120	28-Apr-2020	05:02	:13	353	---	Rest
High Rate-NS				119	25-Apr-2020	02:02	:03	283		Active
VF	0	35J	Yes	118	25-Apr-2020	01:32	:12	375	---	Rest
VF	0	35J	Yes	117	20-Apr-2020	00:40	:14	333	---	Rest
VF	0	35J	Yes	116	19-Apr-2020	03:14	:14	300	300	Rest
High Rate-NS				115	15-Apr-2020	14:21	:01	279		Rest
VF	0	35J	Yes	114	15-Apr-2020	11:36	:12	375	---	Rest
VF	0	35J	Yes	113	15-Apr-2020	11:03	:13	375	---	Rest
High Rate-NS				112	15-Apr-2020	09:06	:01	276		Rest
VF	0	35J	Yes	111	15-Apr-2020	08:29	:12	333	353	Active
VT-NS				110	14-Apr-2020	08:34	:01	214		Rest
VF	0	35J	Yes	109	14-Apr-2020	01:30	:13	261	300	Rest
VT-NS				108	14-Apr-2020	01:30	:03	317		Rest
VT-NS				107	13-Apr-2020	07:50	:01	240		Rest
VF	0	35J	Yes	106	13-Apr-2020	03:15	:13	353	---	Rest
VF	0	35J	Yes	105	11-Apr-2020	18:26	:12	400	---	Rest
VF	0	35J	Yes	104	11-Apr-2020	07:46	:12	333	---	Rest
VF	0	35J	Yes	103	11-Apr-2020	04:30	:12	375	---	Rest
VF	0	35J	Yes	102	09-Apr-2020	06:16	:13	353	---	Rest
VF	0	35J	Yes	101	08-Apr-2020	04:51	:13	333	---	Rest
VF	0	35J	Yes	100	07-Apr-2020	04:04	:12	333	333	Active
VF	0	35J	Yes	99	07-Apr-2020	03:20	:13	333	353	Rest
VF	0	35J	Yes	98	04-Apr-2020	09:17	:29	375	---	Rest
VF	0	35J	Yes	97	04-Apr-2020	08:47	:38	353	---	Rest
VT-NS				96	04-Apr-2020	08:46	:02	279		Rest
VF	0	35J	Yes	95	03-Apr-2020	05:40	:13	375	---	Rest
VF	0	35J	Yes	94	27-Mar-2020	07:42	:14	353	---	Rest
VF	0	35J	Yes	93	24-Mar-2020	06:23	:13	300	333	Rest
VF	0	35J	Yes	92	24-Mar-2020	05:31	:14	316	333	Rest
VF	0	35J	Yes	91	22-Mar-2020	06:24	:13	300	300	Rest
VF	0	35J	Yes	90	07-Mar-2020	04:50	:14	333	---	Rest
High Rate-NS				89	07-Mar-2020	04:50	:02	290		Rest
VF	0	35J	Yes	88	05-Mar-2020	02:23	:13	375	---	Rest
VF	0	35J	Yes	87	04-Mar-2020	04:53	:14	333	---	Rest
VF	0	35J	Yes	86	04-Mar-2020	01:32	:14	316	316	Rest
VF	0	35J	Yes	85	03-Mar-2020	05:48	:13	353	353	Active
High Rate-NS				84	29-Feb-2020	03:11	:02	283		Rest
VT-NS				83	25-Feb-2020	10:50	:01	240		Rest
VF	0	35J	Yes	82	25-Feb-2020	09:46	:12	333	353	Active
VF	0	35J	Yes	81	25-Feb-2020	07:29	:13	333	353	Rest
VF	0	35J	Yes	80	03-Nov-2019	05:18	:13	375	---	Rest
VF	0			79	22-Oct-2019	07:33	:07	316	---	Rest
VF	0	35J	Yes	78	21-Oct-2019	06:01	:13	333	---	Rest
VF	0	35J	Yes	77	19-Oct-2019	09:59	:14	353	---	Rest
VF	0	35J	Yes	75	23-Sep-2019	07:26	:13	400	---	Rest
VT	9	35J	Yes	74	10-Sep-2019	17:57	:01:17	188	188	Active
SVT-Wavelet				73	10-Sep-2019	17:55	:10	176	---	Active
SVT-Wavelet				72	10-Sep-2019	17:54	:18	171	171	Active
VT	3		Yes	71	10-Sep-2019	17:53	:20	182	182	Active
SVT-Wavelet				70	10-Sep-2019	17:51	:01:41	182	188	Active
VT	2		Yes	69	10-Sep-2019	17:51	:10	188	188	Active

Arrhythmia Episode List

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
SVT-Wavelet				68	10-Sep-2019	17:51	:13	176	188	Active
VT	3		Yes	67	10-Sep-2019	17:50	:18	176	176	Active
SVT-Wavelet				66	10-Sep-2019	17:50	:10	176	176	Active
VT	1		Yes	65	14-Jul-2019	12:03	:11	176	---	Active
VT-NS				64	14-Jul-2019	12:02	<:01	171		Active
SVT-Wavelet				63	01-Jul-2019	12:25	:10	171	171	Active
VT-NS				62	07-May-2019	09:08	:03	171		Active
VT	1		Yes	61	07-May-2019	09:08	:10	176	---	Active
VT-NS				60	30-Apr-2019	21:02	:01	171		Active
VT	1		Yes	59	30-Apr-2019	21:00	:12	176	176	Active
VT	2		Yes	58	30-Apr-2019	20:59	:16	176	176	Active
VT	2		Yes	57	30-Apr-2019	20:49	:17	171	171	Active
VT-NS				56	30-Apr-2019	20:48	:02	171		Active
VT	3		Yes	55	30-Apr-2019	20:47	:22	171	176	Active
VT-NS				54	30-Apr-2019	20:47	:03	171		Active
VT	2		Yes	53	30-Apr-2019	20:46	:15	176	176	Active
VT	1		Yes	52	30-Apr-2019	20:46	:13	171	171	Active
VT-NS				51	30-Apr-2019	20:45	:04	171		Active
VT	2		Yes	50	30-Apr-2019	20:40	:16	176	---	Active
VT	1		Yes	49	30-Apr-2019	20:39	:10	171	171	Active
VT	1		Yes	48	30-Apr-2019	20:39	:11	171	171	Active
VT	2		Yes	47	30-Apr-2019	20:24	:16	171	171	Active
VT	2		Yes	46	30-Apr-2019	20:23	:16	171	171	Active
VT	1		Yes	45	30-Apr-2019	20:22	:12	176	---	Active
VT	1		Yes	43	30-Apr-2019	20:21	:08	171	171	Active
VT	3		Yes	39	03-Dec-2018	10:25	:27	176	182	Active
VT	1		Yes	37	03-Dec-2018	10:23	:13	176	176	Active
VT	1		Yes	33	03-Dec-2018	10:20	:13	176	---	Active
SVT-Wavelet				32	12-Oct-2018	10:45	:12	176	---	Active
SVT-Wavelet				31	12-Oct-2018	10:45	:10	176	176	Active
VF	0	35J	Yes	30	12-Oct-2018	08:05	:14	333	---	Rest
VF	0	35J	Yes	29	12-Oct-2018	05:29	:13	316	---	Rest
VF	0	35J	Yes	28	02-Sep-2018	07:20	:13	353	353	Rest
VF	0	35J	Yes	27	02-Sep-2018	06:04	:13	375	---	Rest
VF	0	35J	Yes	26	02-Sep-2018	05:41	:13	353	---	Rest
VF	0	35J	Yes	25	02-Sep-2018	04:56	:13	333	375	Rest
VF	0	35J	Yes	24	31-Aug-2018	05:08	:13	316	316	Rest
VF	0	35J	Yes	23	25-Jun-2018	03:04	:12	400	---	Rest
SVT-Wavelet				22	17-Dec-2017	11:32	:31	171	171	Active
SVT-Wavelet				20	17-Sep-2017	03:31	:25	171	171	Active
SVT-Wavelet				19	17-Sep-2017	03:29	:54	176	176	Active
VF	0	35J	Yes	17	02-Sep-2017	06:03	:12	333	333	Rest
VF	0	35J	Yes	16	28-Aug-2017	07:06	:12	429	---	Rest
VF	0	35J	Yes	15	05-Jul-2017	07:48	:13	316	316	Rest
VF	0	35J	Yes	14	27-Jun-2017	10:28	:13	333	333	Active
VF	0	35J	Yes	11	27-May-2017	21:18	:13	429	---	Rest
VF	0	35J	Yes	10	17-May-2017	06:01	:14	400	---	Rest
SVT-Wavelet				7	31-Jan-2017	22:32	:49	176	176	Active
SVT-Wavelet				6	31-Jan-2017	16:20	:21	176	176	Active

Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

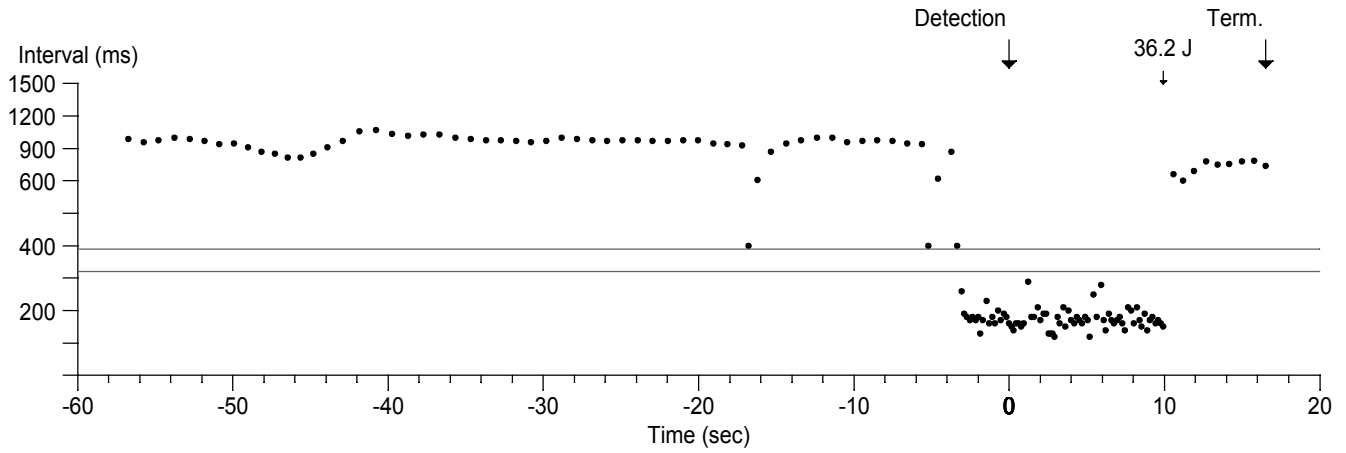
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

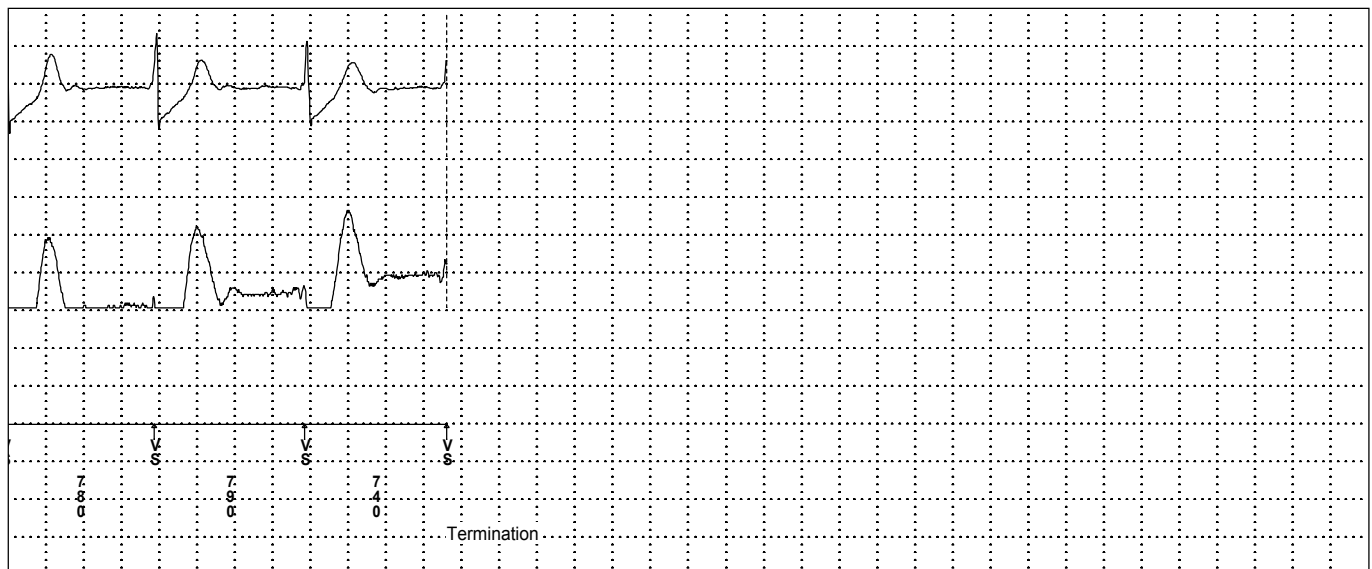
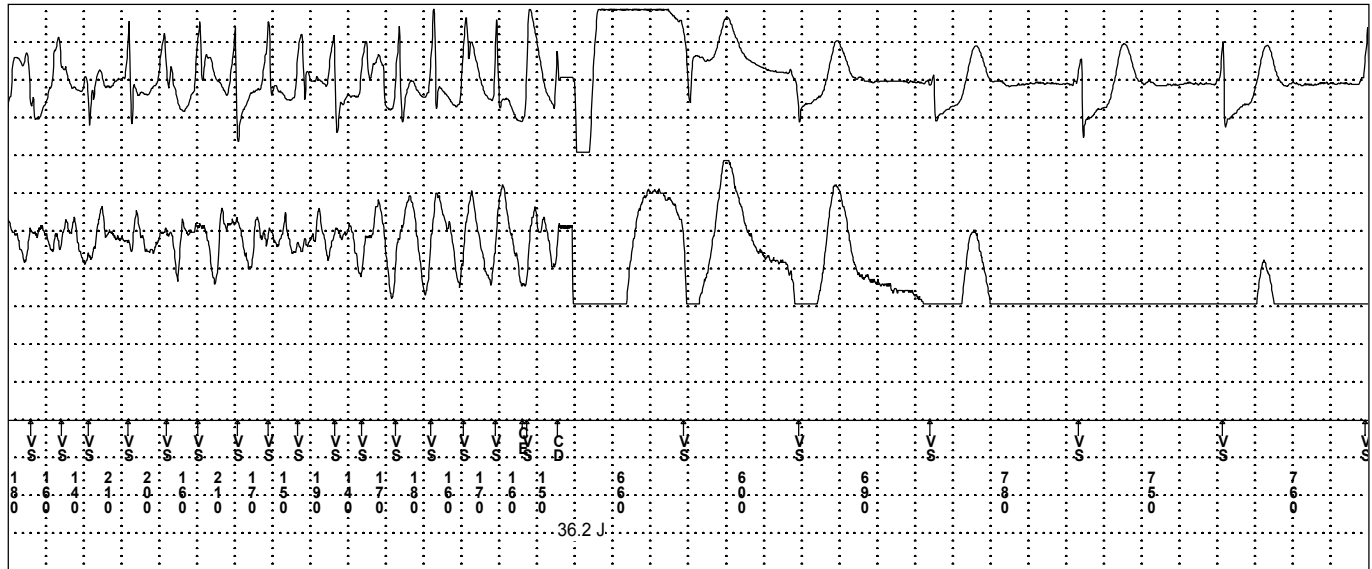
Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Episode #209 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #209

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Episode #209: 21-Nov-2020 05:47:25

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate ---
 V. Median 333 bpm (180 ms)
 Activity at onset Rest, Sensor = 43 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies Delivered Charge Ohms Energy

VF Rx 1 Defib 36.2 J 9.68 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT	Off			
VT	On	16	12	390 ms (154 bpm)
Monitor	Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 20-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

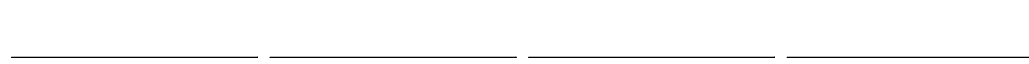
Patient:

ID:

Physician:

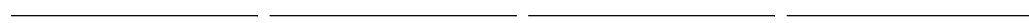
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
 20 ms
 — QRS
 - - - - Template

No Match --- No Match --- No Match --- No Match ---



Lead Trends - RV

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

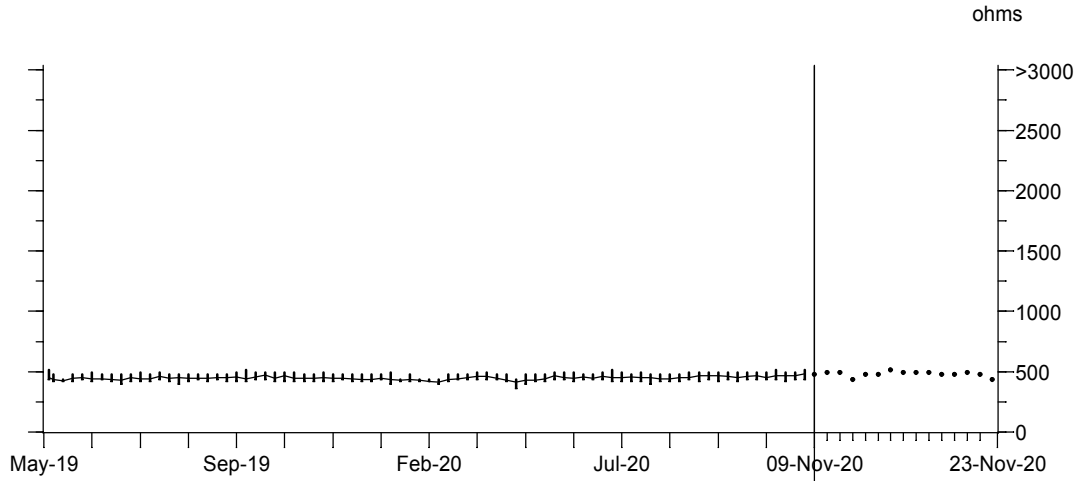
ID:

Physician:

RV Pace Polarity **Bipolar**
RV Sense Polarity **Bipolar**

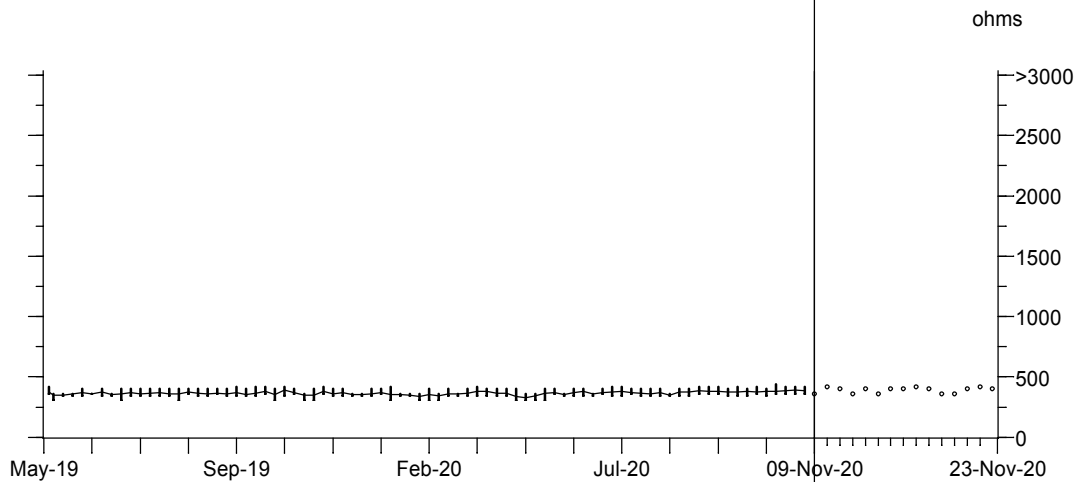
RV Impedance (bipolar)

Last Measured 475 ohms



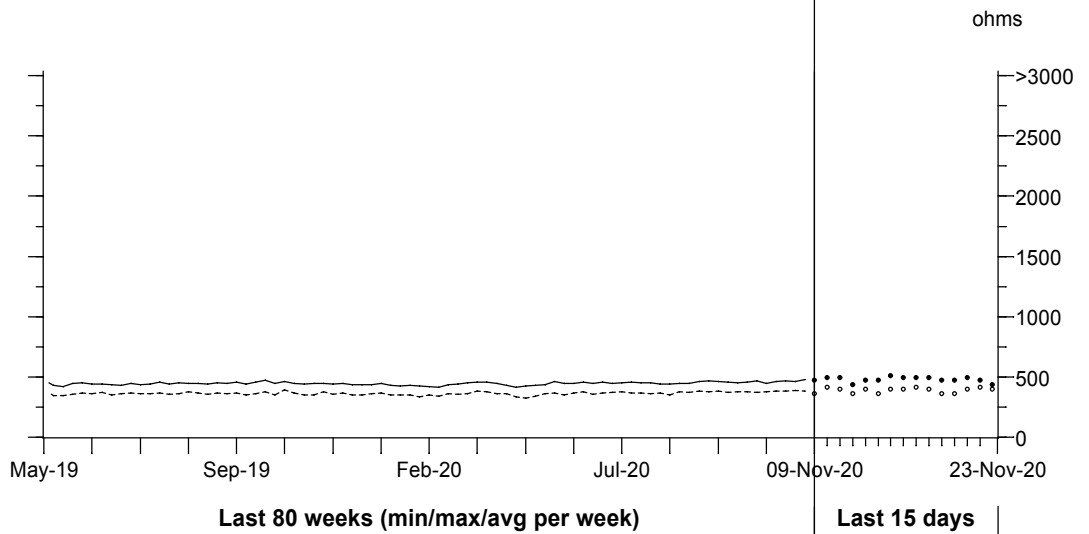
RV Impedance (tip to coil)

Last Measured 399 ohms



RV Impedance

————— Bipolar
- - - - - Tip to Coil



Lead Trends - RV

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

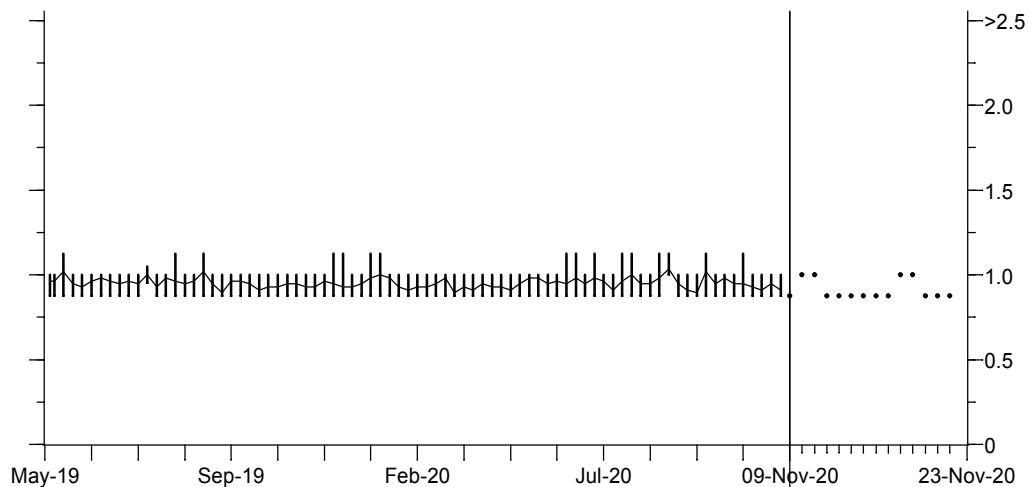
ID:

Physician:

RV Threshold

Capture Adaptive
Amplitude 2.00 V
Pulse Width 0.40 ms
Last Measured 0.875 V @ 0.40 ms
Measured On 22-Nov-2020

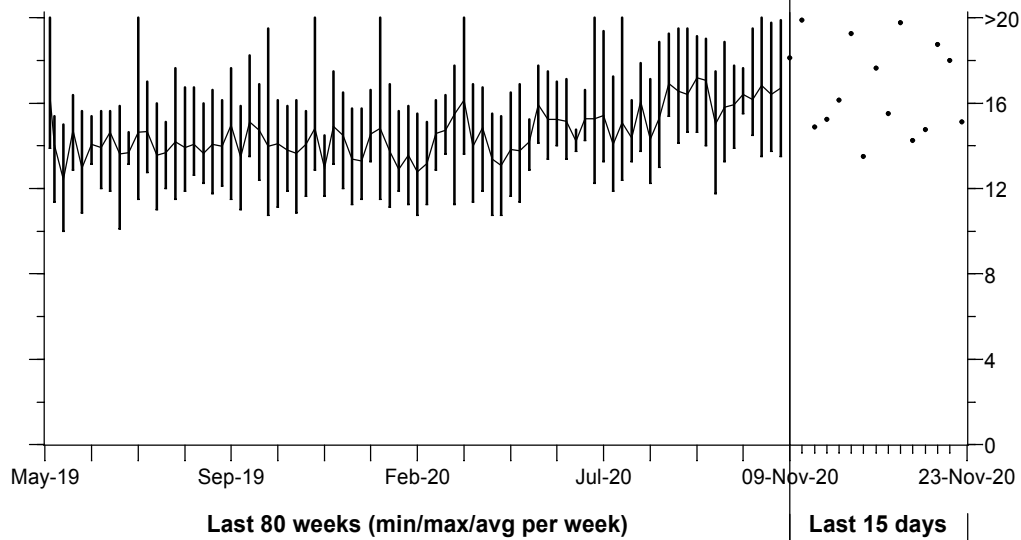
V @ 0.40 ms



R-Wave Amplitude

Sensitivity 0.30 mV
Last Measured 15.1 mV

mV



Lead Trends - RV

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

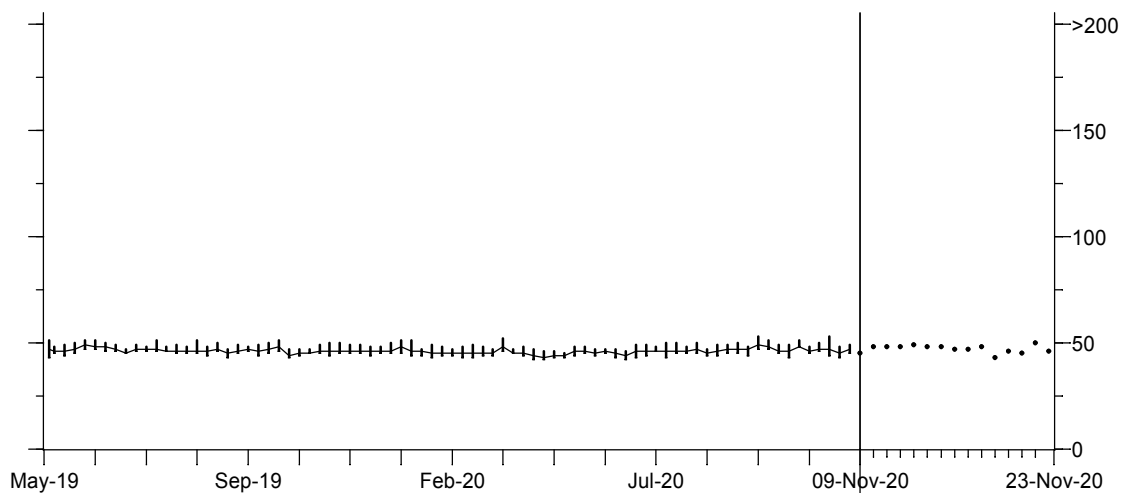
ID:

Physician:

RV Defib Impedance

Last Measured 48 ohms

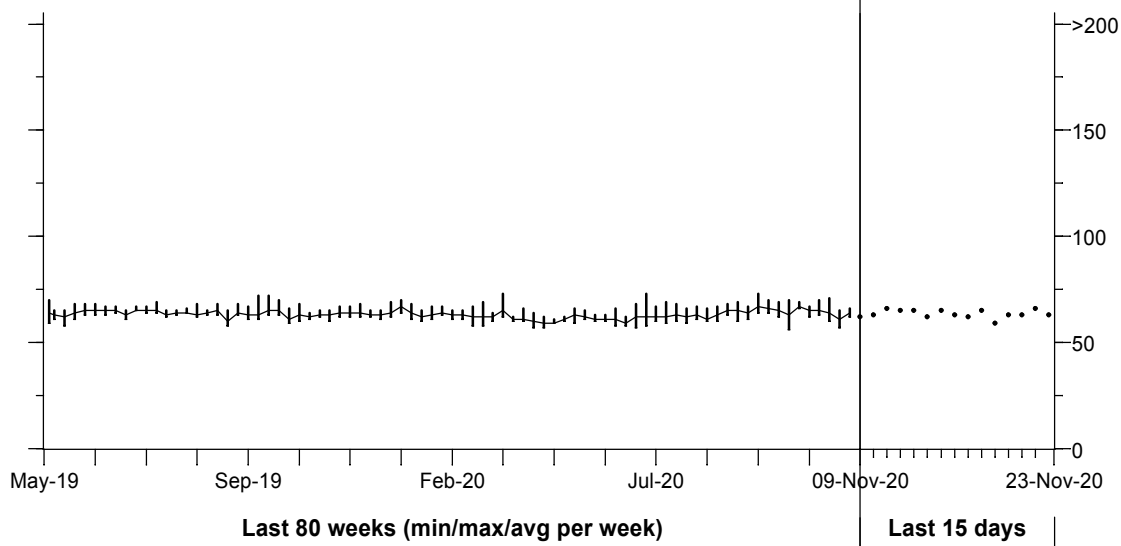
ohms



SVC Defib Impedance

Last Measured 68 ohms

ohms



Battery and Lead Measurements Report

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Last Interrogation: 23-Nov-2020 21:02:20

Remaining Longevity **23-Nov-2020**

Estimated at: Replace Device RRT
Minimum: Replace Device
Maximum: Replace Device
(RRT on 22-Nov-2020)
(based on initial interrogation)

Battery Voltage **23-Nov-2020**

Voltage 2.72 V
(RRT=2.73V on 22-Nov-2020)

Last Charge **21-Nov-2020**

Charge Time 9.7 sec
Energy 0.0 - 35 J

Sensing Integrity Counter **Since 23-Nov-2020**

Short V-V Intervals 0

Lead Impedance

RV Pacing (Bipolar) 475 ohms 23-Nov-2020
RV Defib 48 ohms 23-Nov-2020
SVC Defib 68 ohms 23-Nov-2020

Sensing

R-Wave Amplitude 15.1 mV 23-Nov-2020

Last High Voltage Therapy **21-Nov-2020**

Measured Impedance 48 ohms
Delivered Energy 36 J
Waveform Biphasic
Pathway B>AX

Parameters

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Pacing Summary

Mode	Rates
Mode VVI	Lower 40 bpm

Pacing Details	RV
Amplitude	2.00 V
Pulse Width	0.40 ms
Capture Management	Adaptive
Amplitude Margin	2.0 X
Min. Adapted Amplitude	2.00 V
Acute Phase Remaining	Off
Acute Phase Completed	23-Aug-2016
Sensitivity	0.30 mV
Pace Polarity	Bipolar
Sense Polarity	Bipolar

Refractory/Blanking

V. Blank Post VP	200 ms
V. Blank Post VS	120 ms

Arrhythmia Interventions

V. Rate Stabilization	Off
-----------------------	-----

Post Shock Pacing

Post Shock Pacing*	
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 Hysteresis	Off
Sleep	Off

Device Information

Device	Medtronic	Evera S VR DVBC3D1	Implanted: 25-Apr-2016
--------	-----------	--------------------	------------------------

Parameters

 Device: **Evera S VR DVBC3D1**

Serial Number:




 Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

VT/VF Detection

		V. Interval (Rate)	Initial	Redetect	
VF	On	320 ms (188 bpm)	18/24	9/12	 320 ms
FVT	OFF				
VT	On	390 ms (154 bpm)	16	12	 390 ms
Monitor	Monitor	450 ms (133 bpm)	32		No Rx  450 ms

Wavelet		Other Enhancements	Sensitivity
Wavelet	On	Stability	Off
Template	22-Nov-2020	Onset	Off
Match Threshold	70 %	High Rate Timeout	
Auto Collection	On	VF Zone Only	0.75 min
SVT V. Limit	260 ms	All Zones	Off
		TWave	On
		RV Lead Noise	On+Timeout
		Timeout	0.75 min

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	AX>B	B>AX	AX>B	B>AX	AX>B

ATP During Charging

Deliver ATP if last 8 R-R >= 240 ms, Burst, Pulses = 8, R-S1 = 88 %, Decrement = 10 ms

ChargeSaver = On(1 episodes), SmartMode = On

FVT Therapies	Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
FVT Therapy Status	Off	Off	Off	Off	Off	Off

VT Therapies	Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
VT 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)	88 %	91 %	75 %			
S1S2(Ramp+)=(%RR)			69 %			
S2SN(Ramp+)=(%RR)			66 %			
Interval Dec	10 ms	10 ms				
# Sequences	3	3	3			
Smart Mode	Off	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
Confirmation+	On

Parameters

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Data Collection Setup

	Source	Range
LECG	Can to SVC	+/- 2 mV
EGM 1	RVtip to RVring	+/- 8 mV
EGM 2 (Wavelet)	Can to RVcoil	+/- 12 mV
EGM 3	RVtip to RVcoil	+/- 8 mV
Monitored	EGM1 and EGM2	
Pre-arrhythmia EGM	Off	
Device Date/Time	23-Nov-2020 21:05	
Holter Telemetry	Off	

Medtronic CareAlert Setup

Patient Home Monitor No
Alert Time 08:00

Alert Conditions	Enable-Urgency Tone	Threshold
Number of Shocks Delivered in an Episode	Off	
All Therapies in a Zone Exhausted	Off	
RV Lead Integrity	On-High	
RV Lead Noise	On-High	
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	2.73 V(RRT)
Excessive Charge Time EOS	On-High	
VF Detection OFF, 3+ VF or 3+ FVT Rx Off.	On-High	

Changes This Session

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Parameter	Session Start	Current Value
------------------	----------------------	----------------------

No parameters have been changed during the current session.

Patient Information Report

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:02:20**

Patient:

ID:

Physician:

Patient Identification

Patient

ID

Date of Birth

History

VT/VF

Slowest VT

Atrial Status

AV Conduction

Heart Failure

Activity Level

EF, on

Physician Information

Physician

Phone

Hospital

Last Update 03-Sep-2020

Leads

Lead 1

Lead Model

Lead Position

Manufacturer

Serial Number

Implant Date

Lead 2

Lead Model

Lead Position

Manufacturer

Serial Number

Implant Date

Lead 3

Lead Model

Lead Position

Manufacturer

Serial Number

Implant Date

Implant

Implant Date 25-Apr-2016

Defibrillation Energy ---

HV Impedance (ohms)

RV

R Wave Amplitude (mV)

Slew Rate ---

Pacing Threshold Amp. ---

Pulse Width Setting ---

Pacing Impedance (ohms)

Threshold Current (mA)

Notes:

Session Summary

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Device Information

Device Medtronic Evera S VR DVBC3D1 Implanted: 25-Apr-2016

Device Status (Implanted: 25-Apr-2016)

Remaining Longevity Replace Device RRT (23-Nov-2020)
(RRT on 22-Nov-2020)
(based on initial interrogation)

RV

SVC

Pacing Impedance 475 ohms
Defibrillation Impedance RV=48 ohms
SVC=68 ohms

Pace Polarity Bipolar
Capture Threshold 0.875 V @ 0.40 ms
Measured On 22-Nov-2020
Programmed Amplitude/Pulse Width 2.00 V / 0.40 ms

Measured R Wave 15.1 mV
Programmed Sensitivity 0.30 mV

Parameter Summary

Mode VVI Lower Rate 40 bpm

Detection

VF On
FVT OFF
VT On

Rates

>188 bpm

154-188 bpm

Therapies

ATP During Charging, 35J x 6
All Rx Off
Burst(3), Ramp(3), Ramp+(3), 35J x 3

Enhancements On: VT Monitor, Wavelet, High Rate Timeout, TWave, Noise(Timeout)

Changes This Session

Session Start Current Value

No parameters have been changed during the current session.

Rate Histograms

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Prior to Last Session

03-Sep-2020 to 23-Nov-2020

81 days

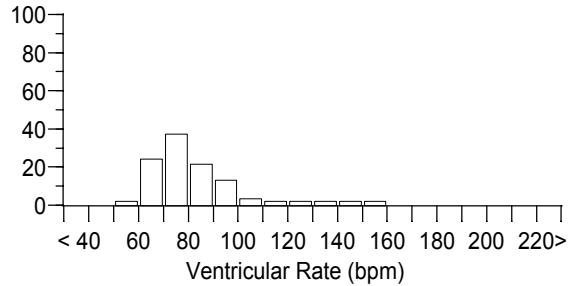
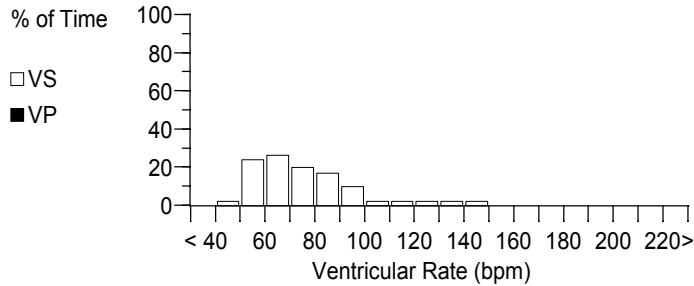
Since Last Session

23-Nov-2020 to 23-Nov-2020

11 hours

% of Time	VS	100.0 %	VS	100.0 %
	VP	< 0.1%	VP	0.0 %

Ventricular



Cardiac Compass Report

Device: **Evera S VR DVBC3D1**

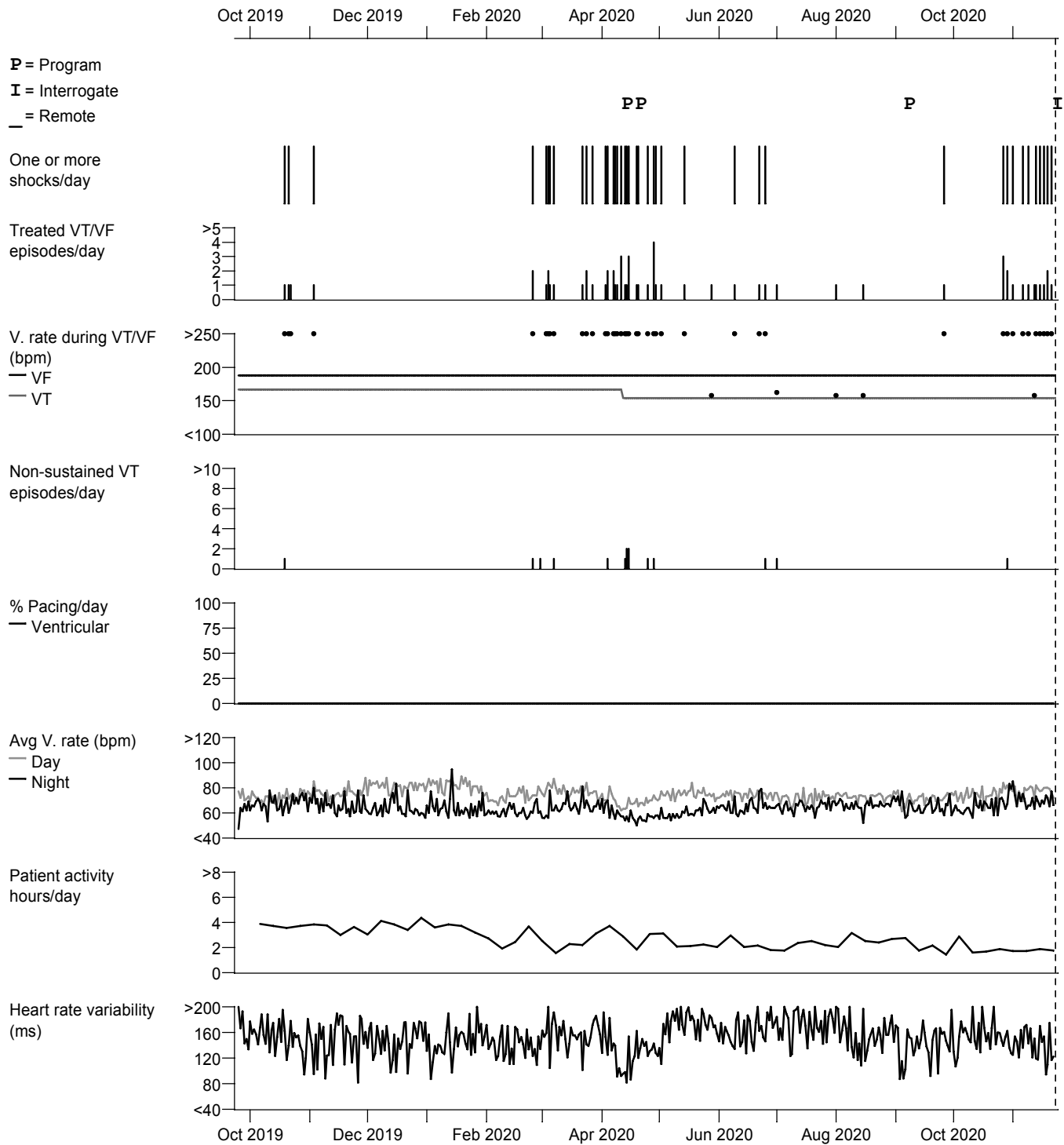
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:



VT/VF Counters

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Prior Session	Last Session	Device Lifetime
03-Sep-2020 to 23-Nov-2020	23-Nov-2020 to 23-Nov-2020	Total (Since 25-Apr-2016)
81 days	11 hours	55 months

VT/VF Counters

VT/VF Counters	Prior Session	Last Session	Device Lifetime
VF	15	0 ↓	79
FVT	0	0	0
VT	1	0 ↓	27
Monitored VT (133 - 154 bpm)	22	0 ↓	
VT-NS (>4 beats, >154 bpm)	1	0 ↓	
High Rate-NS	0	0	
PVC Runs (2-4 beats)	3.2 per hour	NA*	
PVC Singles	0.8 per hour	NA*	
Runs of VRS Paces	0.0 per hour	NA*	
Single VRS Paces	0.0 per hour	NA*	

*NA: Session duration less than 1 day.

SVT: VT/VF Rx Withheld

Wavelet	0	0	19
V. Stability	0	0	0
Onset	0	0	0

V. Oversensing: VT/VF Rx Withheld

V. Oversensing-TWave	0	0	0
V. Oversensing-Noise	0	0	0

VT/VF Therapy Summary

Pace-terminated	1 of 1	0	26 of 27
Shock-terminated	15 of 15	0	79 of 79
Total VT/VF Shocks	15	0	79
Aborted Charges	0	0	1

VT/VF Therapy Efficacy Since Last Session 23-Nov-2020 to 23-Nov-2020

VF Therapy	ATP+Chg	35 J	35 J	35 J	35 J	35 J	35 J
Delivered	0	0	0	0	0	0	0
Successful	0	0	0	0	0	0	0

FVT Therapy Off

VT 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

Arrhythmia Episode List

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Arrhythmia Episode List: 25-Apr-2016 20:45:20 to 23-Nov-2020 21:14:00

All collected episodes.

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
(No data since last session.)										
----- Last Programmer Session 23-Nov-2020 -----										
VT-Mon				210	22-Nov-2020	22:11	:17	137	140	Active
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest
VF	0	35J	Yes	208	19-Nov-2020	06:31	:14	353	---	Rest
VF	0	35J	Yes	207	19-Nov-2020	05:00	:14	353	---	Rest
VF	0	35J	Yes	206	17-Nov-2020	09:16	:14	300	316	Rest
VF	0	35J	Yes	205	15-Nov-2020	08:00	:14	286	300	Rest
VF	0	35J	Yes	204	13-Nov-2020	05:49	:14	316	333	Rest
VT-Mon				203	12-Nov-2020	10:20	:01:13	144	154	Active
VT	1		Yes	202	12-Nov-2020	10:20	:08	158	158	Active
VT-Mon				201	12-Nov-2020	10:19	:22	154	158	Active
VF	0	35J	Yes	200	09-Nov-2020	04:50	:13	353	---	Rest
VF	0	35J	Yes	199	06-Nov-2020	05:06	:15	333	---	Rest
VT-Mon				198	01-Nov-2020	12:21	:07	135	136	Active
VF	0	35J	Yes	197	01-Nov-2020	04:57	:14	316	---	Rest
VF	0	35J	Yes	196	29-Oct-2020	06:50	:14	333	333	Rest
VF	0	35J	Yes	195	29-Oct-2020	05:56	:14	333	---	Rest
VT-NS				194	29-Oct-2020	05:56	:02	314	---	Rest
VF	0	35J	Yes	193	27-Oct-2020	08:41	:13	375	---	Rest
VF	0	35J	Yes	192	27-Oct-2020	06:43	:13	286	300	Rest
VF	0	35J	Yes	191	27-Oct-2020	06:17	:14	316	---	Rest
VT-Mon				190	13-Oct-2020	17:33	:26	136	143	Active
VT-Mon				189	13-Oct-2020	17:27	:17	137	140	Active
VT-Mon				188	13-Oct-2020	17:26	:24	136	140	Active
VT-Mon				187	12-Oct-2020	18:16	:45	138	140	Active
VT-Mon				186	11-Oct-2020	17:13	:06:34	146	154	Active
VT-Mon				185	07-Oct-2020	17:55	:09	135	140	Active
VF	0	35J	Yes	184	26-Sep-2020	07:54	:13	375	---	Rest
VT-Mon				183	15-Sep-2020	18:15	:11	135	136	Active
VT-Mon				182	15-Sep-2020	18:14	:26	136	140	Active
VT-Mon				181	15-Sep-2020	18:14	:07	134	136	Active
VT-Mon				180	15-Sep-2020	18:06	:35	147	154	Active
VT-Mon				179	15-Sep-2020	17:57	:37	135	136	Active
VT	1		Yes	164	15-Aug-2020	18:24	:08	162	---	Active
SVT-Wavelet				158	11-Aug-2020	18:43	:05	158	158	Active
VT	1		Yes	155	01-Aug-2020	18:22	:09	162	---	Active
SVT-Wavelet				146	23-Jul-2020	18:35	:29	162	167	Active
SVT-Wavelet				145	22-Jul-2020	18:56	:07	162	---	Active
SVT-Wavelet				144	21-Jul-2020	18:18	:02:40	167	167	Active
VT	1		Yes	141	01-Jul-2020	18:21	:03	162	162	Active
SVT-Wavelet				140	01-Jul-2020	18:21	:18	162	162	Active
VT-NS				138	01-Jul-2020	01:37	:02	218	---	Rest
VF	0	35J	Yes	136	25-Jun-2020	02:17	:14	333	---	Rest
VT-NS				135	25-Jun-2020	01:45	<:01	250	---	Rest
VF	0	35J	Yes	134	22-Jun-2020	10:40	:14	316	---	Rest
VF	0	35J	Yes	133	09-Jun-2020	06:35	:15	400	---	Rest
VT	1		Yes	130	28-May-2020	18:16	:06	162	---	Active
SVT-Wavelet				129	24-May-2020	18:09	:07	162	---	Active
VF	0	35J	Yes	128	14-May-2020	07:20	:14	333	---	Rest
VF	0	35J	Yes	126	02-May-2020	03:33	:13	375	---	Rest
VF	0	35J	Yes	125	29-Apr-2020	04:23	:13	353	---	Rest

Arrhythmia Episode List

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	124	28-Apr-2020	11:43	:18	353	353	Active
VF	0	35J	Yes	123	28-Apr-2020	06:19	:13	353	---	Rest
VT-NS				122	28-Apr-2020	06:19	:01	308		Rest
VF	0	35J	Yes	121	28-Apr-2020	05:42	:13	316	316	Active
VF	0	35J	Yes	120	28-Apr-2020	05:02	:13	353	---	Rest
High Rate-NS				119	25-Apr-2020	02:02	:03	283		Active
VF	0	35J	Yes	118	25-Apr-2020	01:32	:12	375	---	Rest
VF	0	35J	Yes	117	20-Apr-2020	00:40	:14	333	---	Rest
VF	0	35J	Yes	116	19-Apr-2020	03:14	:14	300	300	Rest
High Rate-NS				115	15-Apr-2020	14:21	:01	279		Rest
VF	0	35J	Yes	114	15-Apr-2020	11:36	:12	375	---	Rest
VF	0	35J	Yes	113	15-Apr-2020	11:03	:13	375	---	Rest
High Rate-NS				112	15-Apr-2020	09:06	:01	276		Rest
VF	0	35J	Yes	111	15-Apr-2020	08:29	:12	333	353	Active
VT-NS				110	14-Apr-2020	08:34	:01	214		Rest
VF	0	35J	Yes	109	14-Apr-2020	01:30	:13	261	300	Rest
VT-NS				108	14-Apr-2020	01:30	:03	317		Rest
VT-NS				107	13-Apr-2020	07:50	:01	240		Rest
VF	0	35J	Yes	106	13-Apr-2020	03:15	:13	353	---	Rest
VF	0	35J	Yes	105	11-Apr-2020	18:26	:12	400	---	Rest
VF	0	35J	Yes	104	11-Apr-2020	07:46	:12	333	---	Rest
VF	0	35J	Yes	103	11-Apr-2020	04:30	:12	375	---	Rest
VF	0	35J	Yes	102	09-Apr-2020	06:16	:13	353	---	Rest
VF	0	35J	Yes	101	08-Apr-2020	04:51	:13	333	---	Rest
VF	0	35J	Yes	100	07-Apr-2020	04:04	:12	333	333	Active
VF	0	35J	Yes	99	07-Apr-2020	03:20	:13	333	353	Rest
VF	0	35J	Yes	98	04-Apr-2020	09:17	:29	375	---	Rest
VF	0	35J	Yes	97	04-Apr-2020	08:47	:38	353	---	Rest
VT-NS				96	04-Apr-2020	08:46	:02	279		Rest
VF	0	35J	Yes	95	03-Apr-2020	05:40	:13	375	---	Rest
VF	0	35J	Yes	94	27-Mar-2020	07:42	:14	353	---	Rest
VF	0	35J	Yes	93	24-Mar-2020	06:23	:13	300	333	Rest
VF	0	35J	Yes	92	24-Mar-2020	05:31	:14	316	333	Rest
VF	0	35J	Yes	91	22-Mar-2020	06:24	:13	300	300	Rest
VF	0	35J	Yes	90	07-Mar-2020	04:50	:14	333	---	Rest
High Rate-NS				89	07-Mar-2020	04:50	:02	290		Rest
VF	0	35J	Yes	88	05-Mar-2020	02:23	:13	375	---	Rest
VF	0	35J	Yes	87	04-Mar-2020	04:53	:14	333	---	Rest
VF	0	35J	Yes	86	04-Mar-2020	01:32	:14	316	316	Rest
VF	0	35J	Yes	85	03-Mar-2020	05:48	:13	353	353	Active
High Rate-NS				84	29-Feb-2020	03:11	:02	283		Rest
VT-NS				83	25-Feb-2020	10:50	:01	240		Rest
VF	0	35J	Yes	82	25-Feb-2020	09:46	:12	333	353	Active
VF	0	35J	Yes	81	25-Feb-2020	07:29	:13	333	353	Rest
VF	0	35J	Yes	80	03-Nov-2019	05:18	:13	375	---	Rest
VF	0			79	22-Oct-2019	07:33	:07	316	---	Rest
VF	0	35J	Yes	78	21-Oct-2019	06:01	:13	333	---	Rest
VF	0	35J	Yes	77	19-Oct-2019	09:59	:14	353	---	Rest
VF	0	35J	Yes	75	23-Sep-2019	07:26	:13	400	---	Rest
VT	9	35J	Yes	74	10-Sep-2019	17:57	:01:17	188	188	Active
SVT-Wavelet				73	10-Sep-2019	17:55	:10	176	---	Active
SVT-Wavelet				72	10-Sep-2019	17:54	:18	171	171	Active
VT	3		Yes	71	10-Sep-2019	17:53	:20	182	182	Active
SVT-Wavelet				70	10-Sep-2019	17:51	:01:41	182	188	Active
VT	2		Yes	69	10-Sep-2019	17:51	:10	188	188	Active

Arrhythmia Episode List

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
SVT-Wavelet				68	10-Sep-2019	17:51	:13	176	188	Active
VT	3		Yes	67	10-Sep-2019	17:50	:18	176	176	Active
SVT-Wavelet				66	10-Sep-2019	17:50	:10	176	176	Active
VT	1		Yes	65	14-Jul-2019	12:03	:11	176	---	Active
VT-NS				64	14-Jul-2019	12:02	<:01	171		Active
SVT-Wavelet				63	01-Jul-2019	12:25	:10	171	171	Active
VT-NS				62	07-May-2019	09:08	:03	171		Active
VT	1		Yes	61	07-May-2019	09:08	:10	176	---	Active
VT-NS				60	30-Apr-2019	21:02	:01	171		Active
VT	1		Yes	59	30-Apr-2019	21:00	:12	176	176	Active
VT	2		Yes	58	30-Apr-2019	20:59	:16	176	176	Active
VT	2		Yes	57	30-Apr-2019	20:49	:17	171	171	Active
VT-NS				56	30-Apr-2019	20:48	:02	171		Active
VT	3		Yes	55	30-Apr-2019	20:47	:22	171	176	Active
VT-NS				54	30-Apr-2019	20:47	:03	171		Active
VT	2		Yes	53	30-Apr-2019	20:46	:15	176	176	Active
VT	1		Yes	52	30-Apr-2019	20:46	:13	171	171	Active
VT-NS				51	30-Apr-2019	20:45	:04	171		Active
VT	2		Yes	50	30-Apr-2019	20:40	:16	176	---	Active
VT	1		Yes	49	30-Apr-2019	20:39	:10	171	171	Active
VT	1		Yes	48	30-Apr-2019	20:39	:11	171	171	Active
VT	2		Yes	47	30-Apr-2019	20:24	:16	171	171	Active
VT	2		Yes	46	30-Apr-2019	20:23	:16	171	171	Active
VT	1		Yes	45	30-Apr-2019	20:22	:12	176	---	Active
VT	1		Yes	43	30-Apr-2019	20:21	:08	171	171	Active
VT	3		Yes	39	03-Dec-2018	10:25	:27	176	182	Active
VT	1		Yes	37	03-Dec-2018	10:23	:13	176	176	Active
VT	1		Yes	33	03-Dec-2018	10:20	:13	176	---	Active
SVT-Wavelet				32	12-Oct-2018	10:45	:12	176	---	Active
SVT-Wavelet				31	12-Oct-2018	10:45	:10	176	176	Active
VF	0	35J	Yes	30	12-Oct-2018	08:05	:14	333	---	Rest
VF	0	35J	Yes	29	12-Oct-2018	05:29	:13	316	---	Rest
VF	0	35J	Yes	28	02-Sep-2018	07:20	:13	353	353	Rest
VF	0	35J	Yes	27	02-Sep-2018	06:04	:13	375	---	Rest
VF	0	35J	Yes	26	02-Sep-2018	05:41	:13	353	---	Rest
VF	0	35J	Yes	25	02-Sep-2018	04:56	:13	333	375	Rest
VF	0	35J	Yes	24	31-Aug-2018	05:08	:13	316	316	Rest
VF	0	35J	Yes	23	25-Jun-2018	03:04	:12	400	---	Rest
SVT-Wavelet				22	17-Dec-2017	11:32	:31	171	171	Active
SVT-Wavelet				20	17-Sep-2017	03:31	:25	171	171	Active
SVT-Wavelet				19	17-Sep-2017	03:29	:54	176	176	Active
VF	0	35J	Yes	17	02-Sep-2017	06:03	:12	333	333	Rest
VF	0	35J	Yes	16	28-Aug-2017	07:06	:12	429	---	Rest
VF	0	35J	Yes	15	05-Jul-2017	07:48	:13	316	316	Rest
VF	0	35J	Yes	14	27-Jun-2017	10:28	:13	333	333	Active
VF	0	35J	Yes	11	27-May-2017	21:18	:13	429	---	Rest
VF	0	35J	Yes	10	17-May-2017	06:01	:14	400	---	Rest
SVT-Wavelet				7	31-Jan-2017	22:32	:49	176	176	Active
SVT-Wavelet				6	31-Jan-2017	16:20	:21	176	176	Active

Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

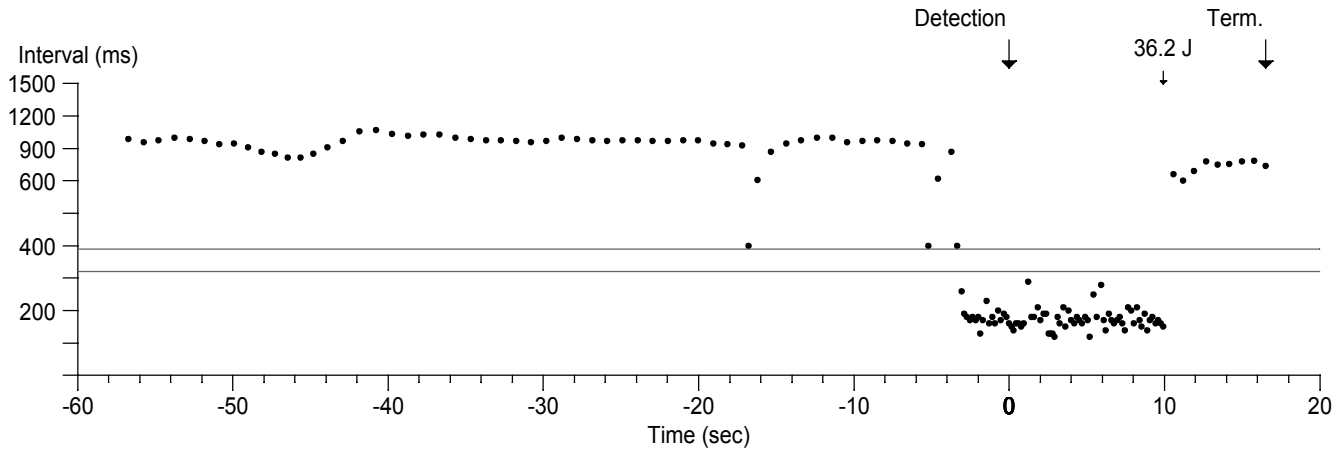
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

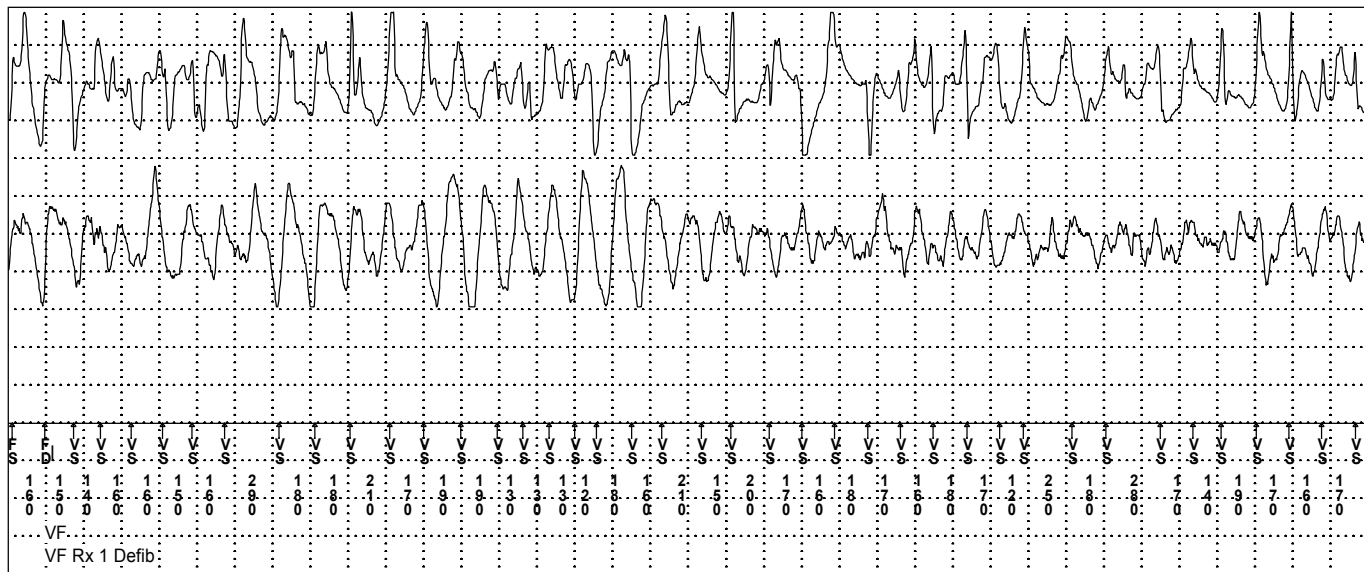
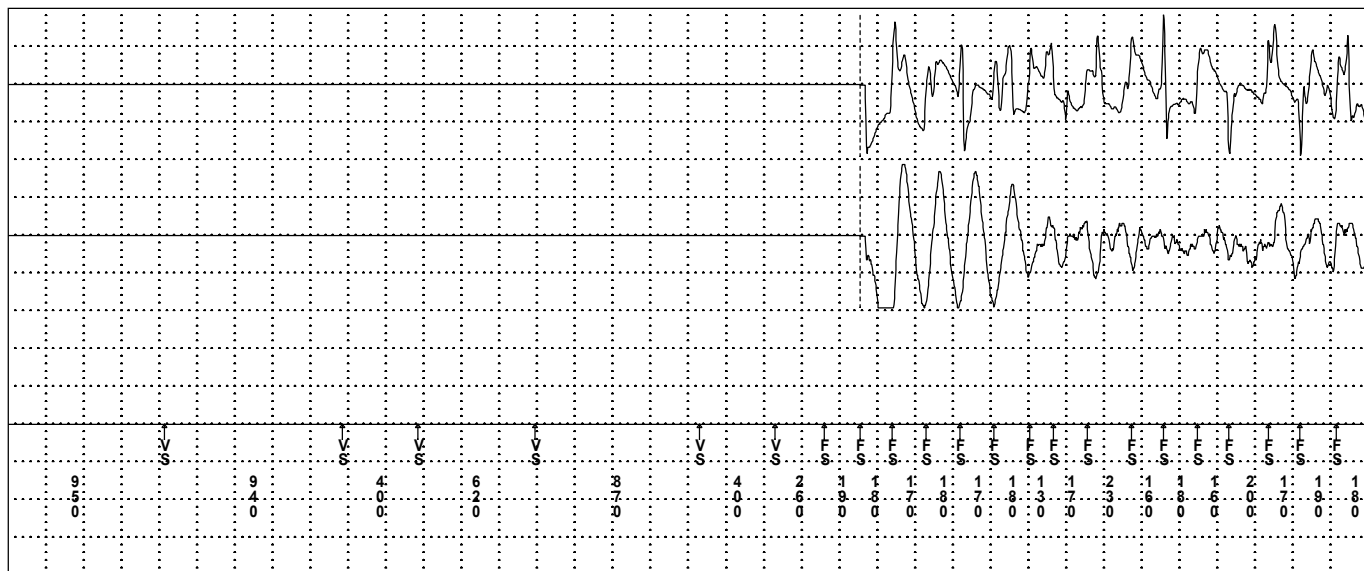
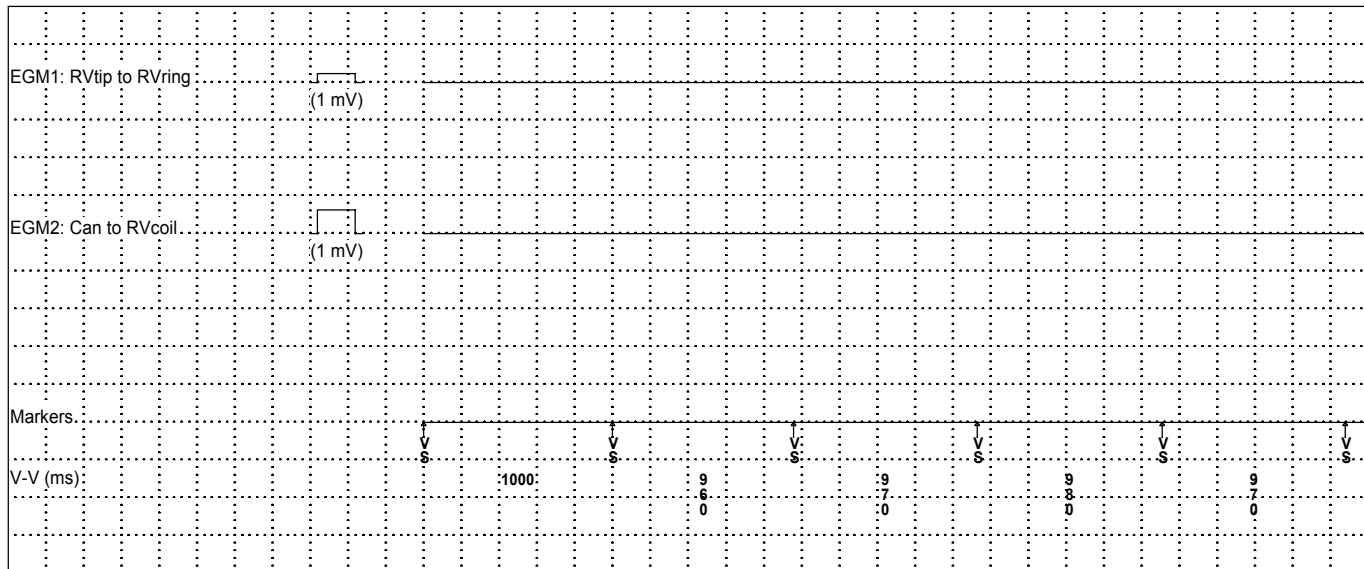
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #209 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #209

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #209: 21-Nov-2020 05:47:25

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate ---
 V. Median 333 bpm (180 ms)
 Activity at onset Rest, Sensor = 43 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Defib	36.2 J	9.68 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT Off			
VT On	16	12	390 ms (154 bpm)
Monitor Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 20-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity

RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

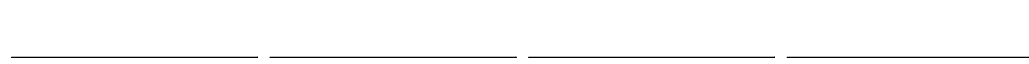
Patient:

ID:

Physician:

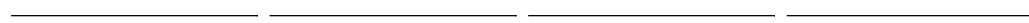
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
 20 ms
 ——— QRS
 - - - - Template

No Match --- No Match --- No Match --- No Match ---



Lead Trends - RV

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

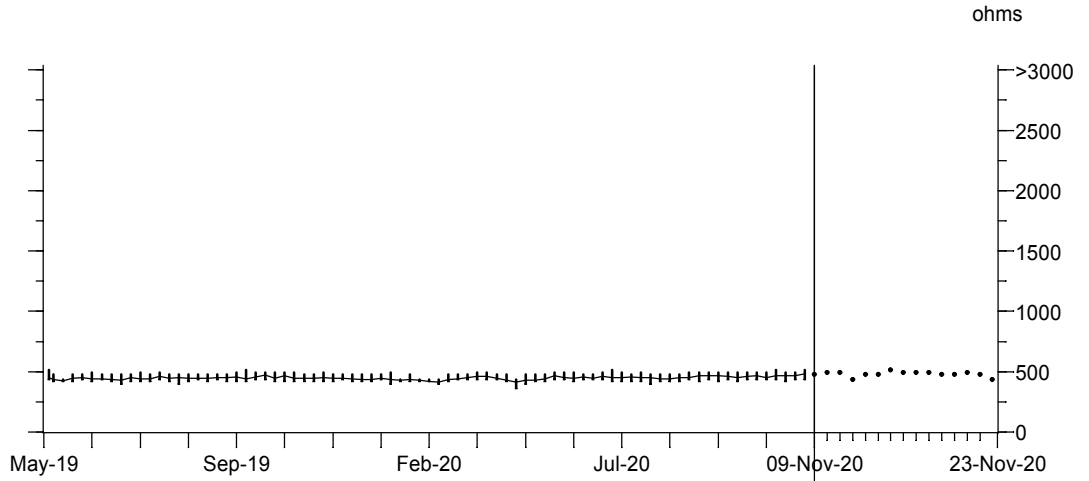
ID:

Physician:

RV Pace Polarity **Bipolar**
RV Sense Polarity **Bipolar**

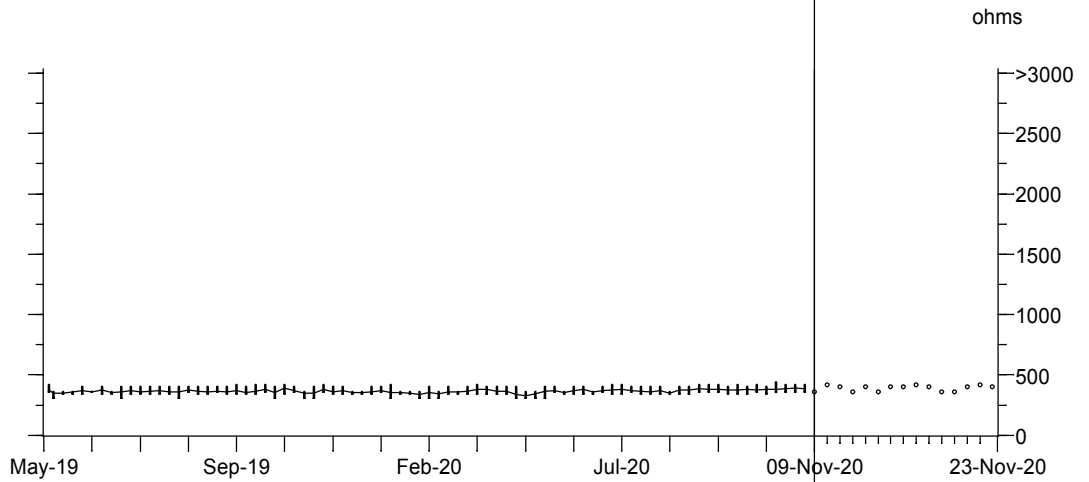
RV Impedance (bipolar)

Last Measured 475 ohms



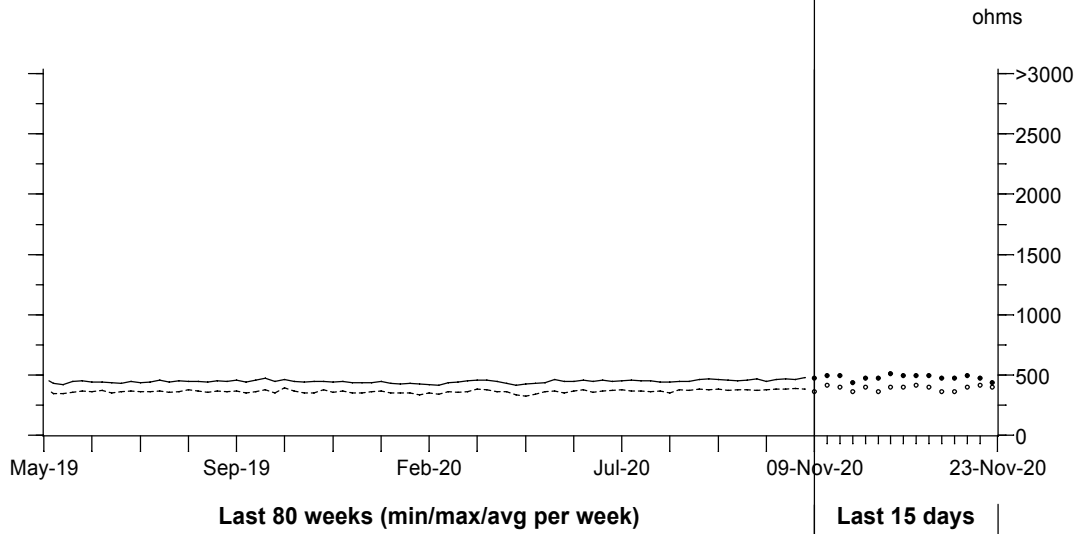
RV Impedance (tip to coil)

Last Measured 399 ohms



RV Impedance

—— Bipolar
- - - - Tip to Coil



Lead Trends - RV

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

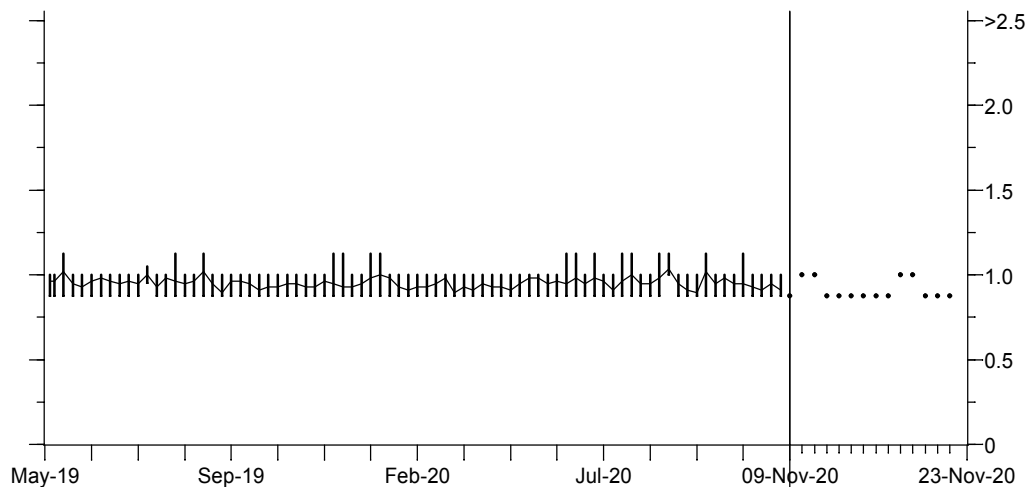
ID:

Physician:

RV Threshold

Capture Adaptive
Amplitude 2.00 V
Pulse Width 0.40 ms
Last Measured 0.875 V @ 0.40 ms
Measured On 22-Nov-2020

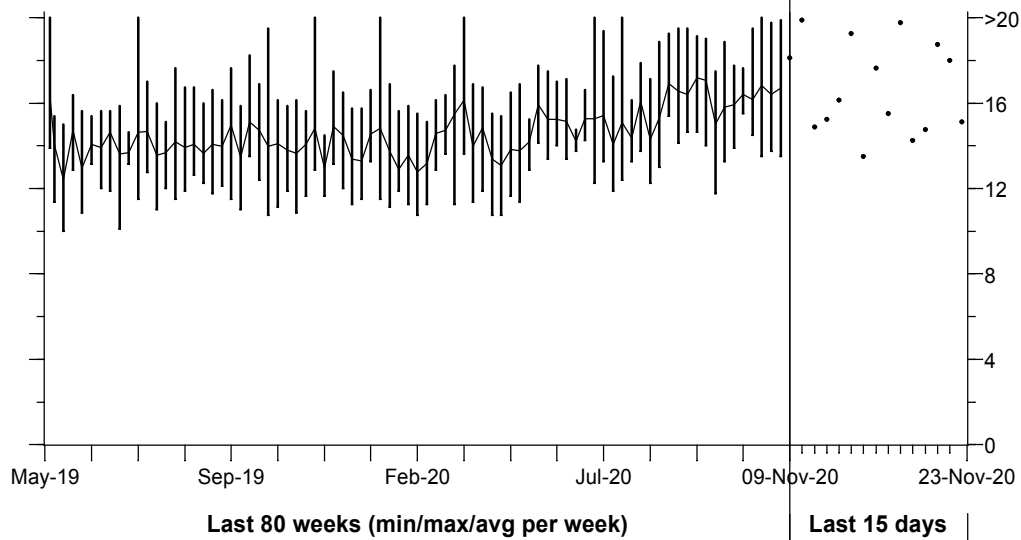
V @ 0.40 ms



R-Wave Amplitude

Sensitivity 0.30 mV
Last Measured 15.1 mV

mV



Lead Trends - RV

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

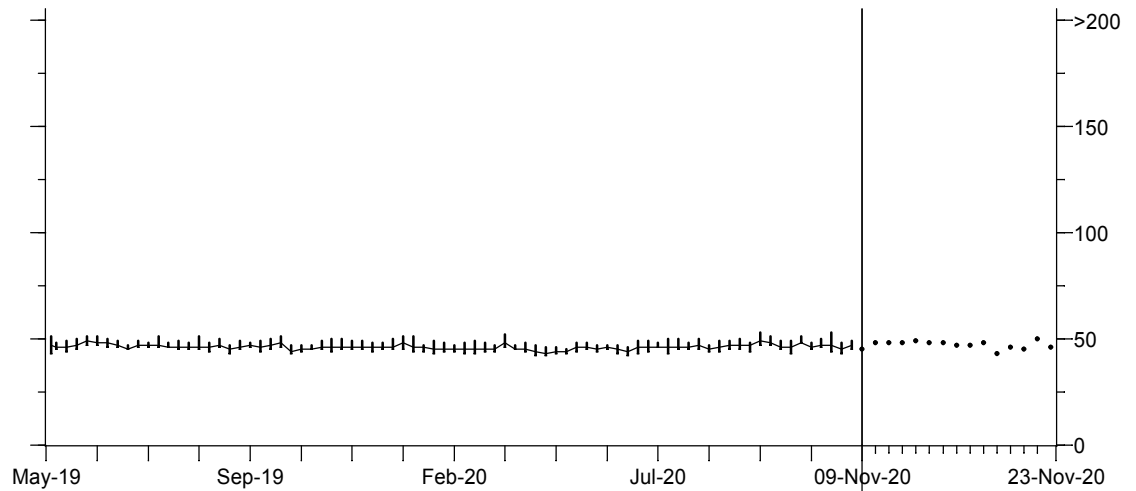
ID:

Physician:

RV Defib Impedance

Last Measured 48 ohms

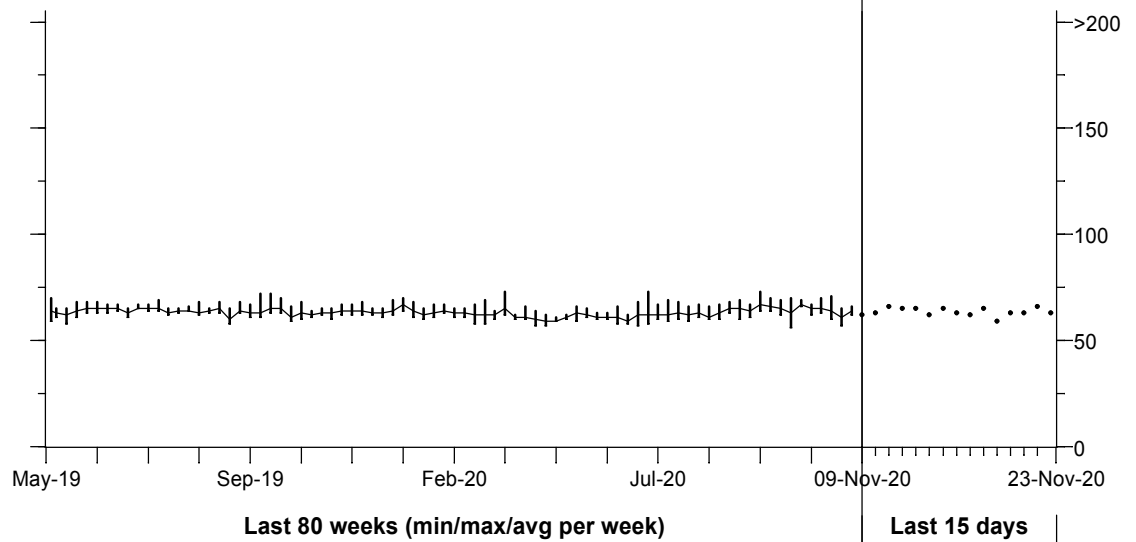
ohms



SVC Defib Impedance

Last Measured 68 ohms

ohms



Battery and Lead Measurements Report

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Last Interrogation: 23-Nov-2020 21:14:00

Remaining Longevity **23-Nov-2020**

Estimated at: Replace Device RRT
Minimum: Replace Device
Maximum: Replace Device
(RRT on 22-Nov-2020)
(based on initial interrogation)

Battery Voltage **23-Nov-2020**

Voltage 2.71 V
(RRT=2.73V on 22-Nov-2020)

Last Charge **21-Nov-2020**

Charge Time 9.7 sec
Energy 0.0 - 35 J

Sensing Integrity Counter **Since 23-Nov-2020**

Short V-V Intervals 0

Lead Impedance

RV Pacing (Bipolar) 475 ohms 23-Nov-2020
RV Defib 48 ohms 23-Nov-2020
SVC Defib 68 ohms 23-Nov-2020

Sensing

R-Wave Amplitude 15.1 mV 23-Nov-2020

Last High Voltage Therapy **21-Nov-2020**

Measured Impedance 48 ohms
Delivered Energy 36 J
Waveform Biphasic
Pathway B>AX

Parameters

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Pacing Summary

Mode		Rates	
Mode	VVI	Lower	40 bpm

Pacing Details

	RV
Amplitude	2.00 V
Pulse Width	0.40 ms
Capture Management	Adaptive
Amplitude Margin	2.0 X
Min. Adapted Amplitude	2.00 V
Acute Phase Remaining	Off
Acute Phase Completed	23-Aug-2016
Sensitivity	0.30 mV
Pace Polarity	Bipolar
Sense Polarity	Bipolar

Refractory/Blanking

V. Blank Post VP	200 ms
V. Blank Post VS	120 ms

Arrhythmia Interventions

V. Rate Stabilization	Off
-----------------------	-----

Post Shock Pacing

Post Shock Pacing*	
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 Hysteresis	Off
Sleep	Off

Device Information

Device	Medtronic	Evera S VR DVBC3D1	Implanted: 25-Apr-2016
--------	-----------	--------------------	------------------------

Parameters

 Device: **Evera S VR DVBC3D1**

Serial Number:



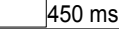
 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

VT/VF Detection

		V. Interval (Rate)	Initial	Redetect	
VF	On	320 ms (188 bpm)	18/24	9/12	 320 ms
FVT	OFF				
VT	On	390 ms (154 bpm)	16	12	 390 ms
Monitor	Monitor	450 ms (133 bpm)	32		No Rx  450 ms

Wavelet		Other Enhancements	Sensitivity
Wavelet	On	Stability	Off
Template	22-Nov-2020	Onset	Off
Match Threshold	70 %	High Rate Timeout	
Auto Collection	On	VF Zone Only	0.75 min
SVT V. Limit	260 ms	All Zones	Off
		TWave	On
		RV Lead Noise	On+Timeout
		Timeout	0.75 min

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	AX>B	B>AX	AX>B	B>AX	AX>B

ATP During Charging

Deliver ATP if last 8 R-R >= 240 ms, Burst, Pulses = 8, R-S1 = 88 %, Decrement = 10 ms

ChargeSaver = On(1 episodes), SmartMode = On

FVT Therapies	Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
FVT Therapy Status	Off	Off	Off	Off	Off	Off

VT Therapies	Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
VT 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)	88 %	91 %	75 %			
S1S2(Ramp+)=(%RR)			69 %			
S2SN(Ramp+)=(%RR)			66 %			
Interval Dec	10 ms	10 ms				
# Sequences	3	3	3			
Smart Mode	Off	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
Confirmation+	On

Parameters

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Data Collection Setup

	Source	Range
LECG	Can to SVC	+/- 2 mV
EGM 1	RVtip to RVring	+/- 8 mV
EGM 2 (Wavelet)	Can to RVcoil	+/- 12 mV
EGM 3	RVtip to RVcoil	+/- 8 mV
Monitored	EGM1 and EGM2	
Pre-arrhythmia EGM	Off	
Device Date/Time	23-Nov-2020 21:15	
Holter Telemetry	Off	

Medtronic CareAlert Setup

Patient Home Monitor No
Alert Time 08:00

Alert Conditions	Enable-Urgency Tone	Threshold
Number of Shocks Delivered in an Episode	Off	
All Therapies in a Zone Exhausted	Off	
RV Lead Integrity	On-High	
RV Lead Noise	On-High	
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	2.73 V(RRT)
Excessive Charge Time EOS	On-High	
VF Detection OFF, 3+ VF or 3+ FVT Rx Off.	On-High	

Changes This Session

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Parameter	Session Start	Current Value
------------------	----------------------	----------------------

No parameters have been changed during the current session.

Patient Information Report

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Patient Identification

Patient

ID

Date of Birth

History

VT/VF

Slowest VT

Atrial Status

AV Conduction

Heart Failure

Activity Level

EF, on

Physician Information

Physician

Phone

Hospital

Last Update 03-Sep-2020

Leads

Lead 1

Lead Model

Lead Position

Manufacturer

Serial Number

Implant Date

Lead 2

Lead Model

Lead Position

Manufacturer

Serial Number

Implant Date

Lead 3

Lead Model

Lead Position

Manufacturer

Serial Number

Implant Date

Implant

Implant Date 25-Apr-2016

Defibrillation Energy ---

HV Impedance (ohms)

RV

R Wave Amplitude (mV)

Slew Rate ---

Pacing Threshold Amp. ---

Pulse Width Setting ---

Pacing Impedance (ohms)

Threshold Current (mA)

Notes:

Monitored VT Episode #210

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

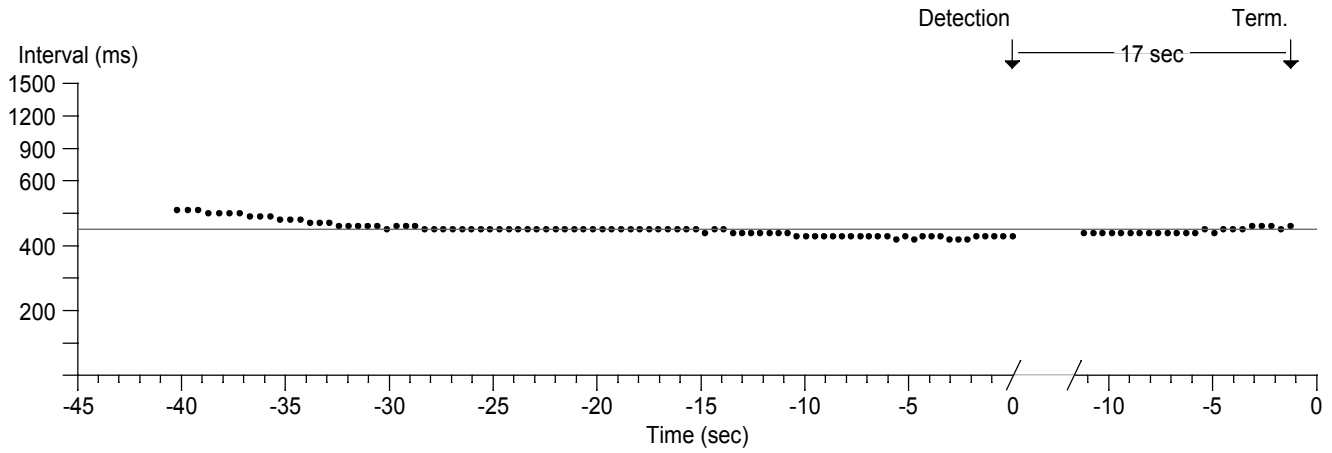
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VT-Mon			210	22-Nov-2020	22:11	:17	137	140	Active

• V-V VTM = 450 ms



Monitored VT Episode #210

Device: **Evera S VR DVBC3D1**

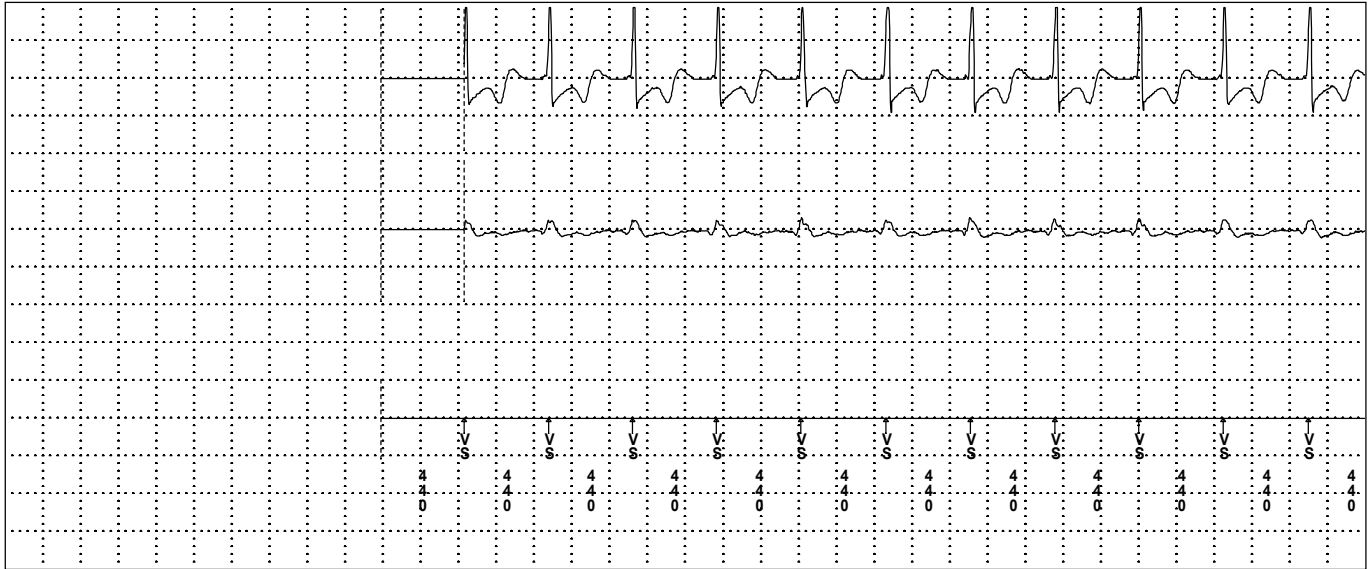
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #210 Chart speed: 25.0 mm/sec



Monitored VT Episode #210

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #210: 22-Nov-2020 22:11:46

Episode Summary

Initial Type VT Monitor (spontaneous)
Duration 17 sec (31 beats)
V. Max Rate 140 bpm
V. Median 140 bpm (430 ms)
Activity at onset Active, Sensor = 91 bpm

Wavelet Measurements Prior to Initial VT Detection

Wavelet Result: VT/VF
Template Status: OK

-8. No Match 40 %
-7. No Match 1 %
-6. No Match 7 %
-5. No Match 4 %
-4. No Match 0 %
-3. No Match 55 %
-2. No Match 0 %
-1. No Match 0 %
0. Detection

Parameter	Settings	Initial	Redetect	V. Interval (Rate)
VF	On	18/24	9/12	320 ms (188 bpm)
FVT	Off			
VT	On	16	12	390 ms (154 bpm)
Monitor	Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
Template 22-Nov-2020, Auto = On
SVT V. Limit 260 ms

Other Enhancements

Stability Off
Onset Off
High Rate Timeout
VF Zone Only 0.75 min
All Zones Off
TWave On
RV Lead Noise On+Timeout
Timeout 0.75 min

Polarity

RV

Pace Polarity Bipolar
Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Monitored VT Episode #210

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

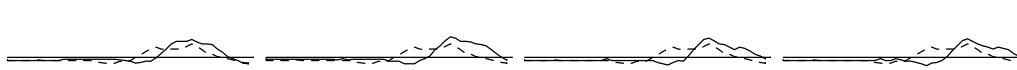
Patient:

ID:

Physician:

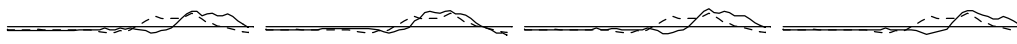
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VT-Mon				210	22-Nov-2020	22:11	:17	137	140	Active

No Match 40 % No Match 1 % No Match 7 % No Match 4 %



6 mV
20 ms
— QRS
- - - Template

No Match 0 % No Match 55 % No Match 0 % No Match 0 %



Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

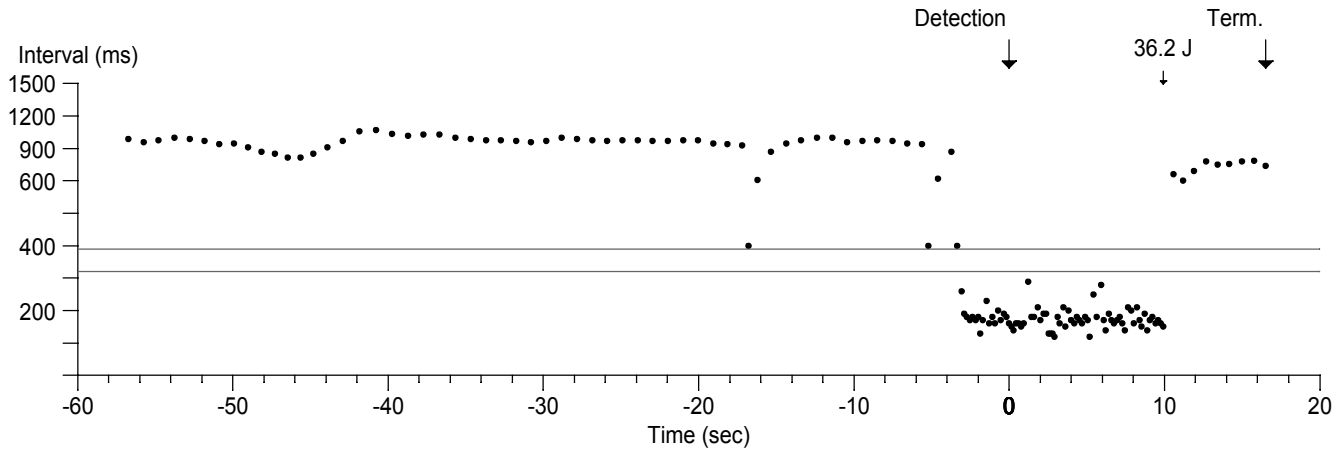
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

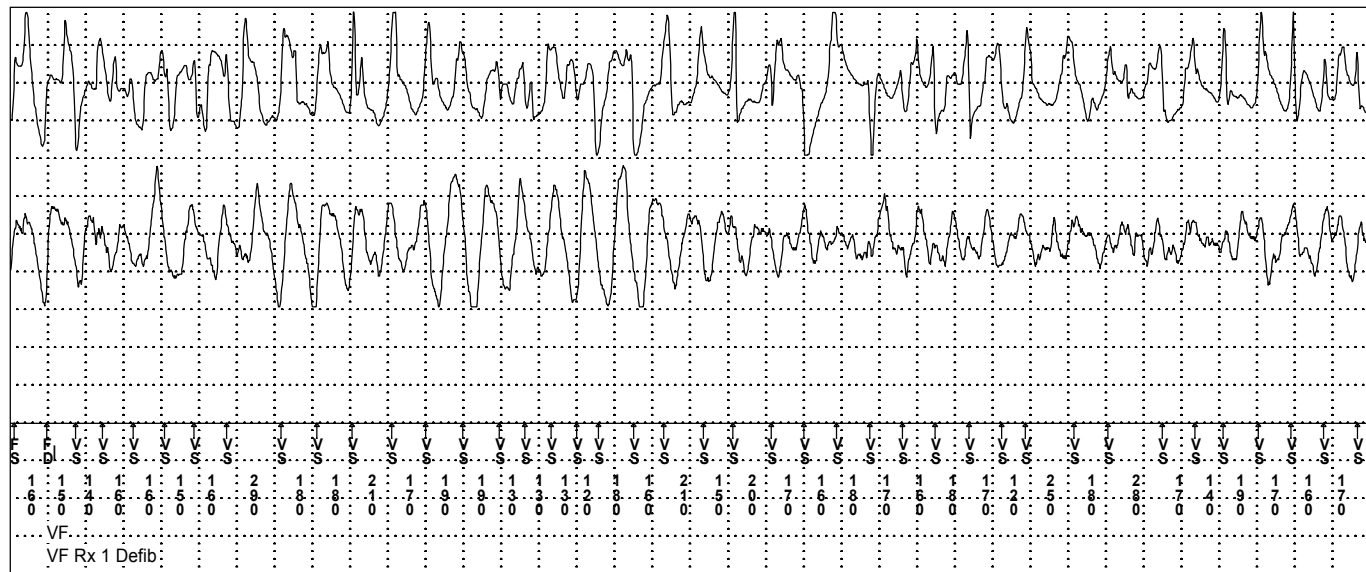
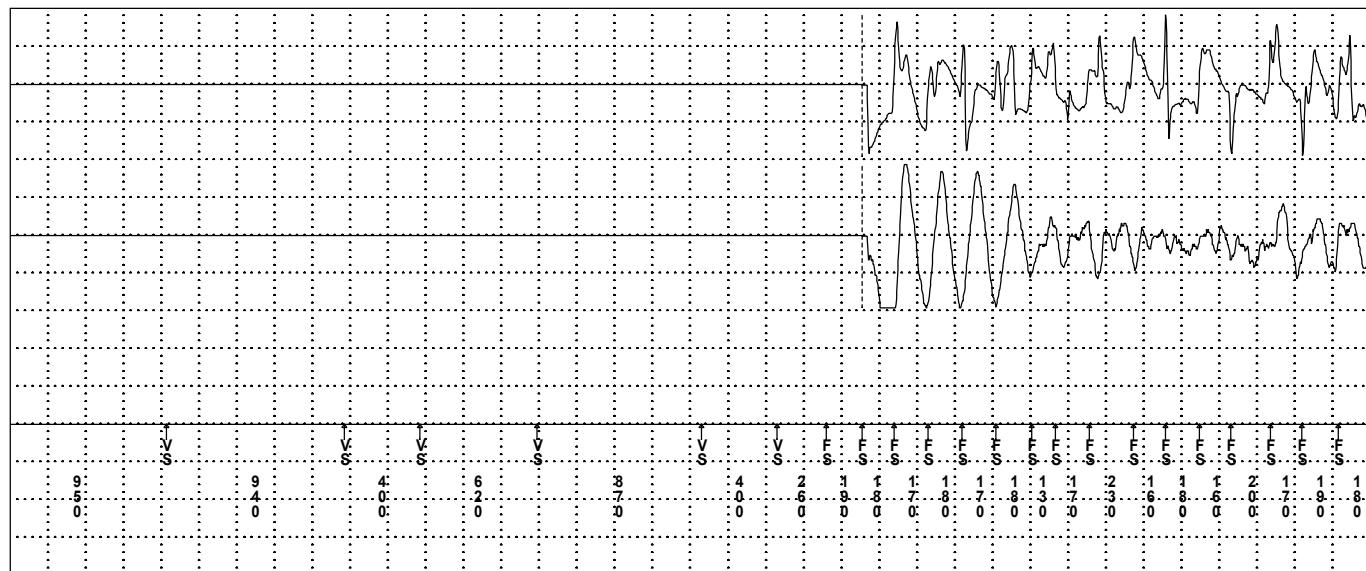
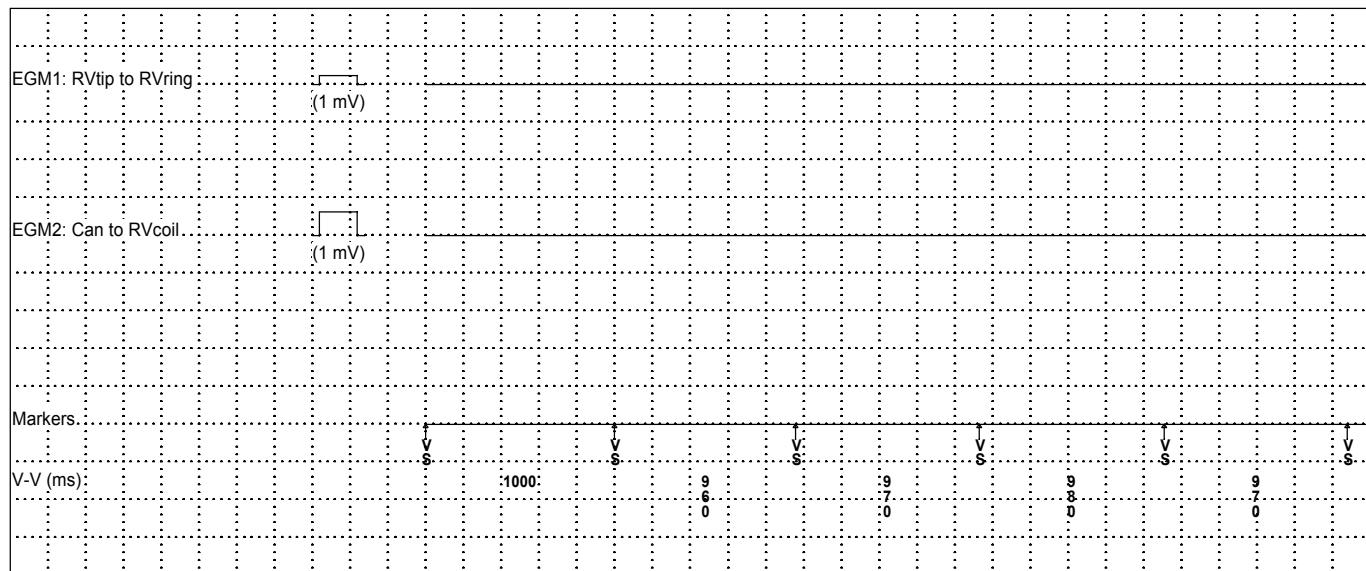
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #209 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

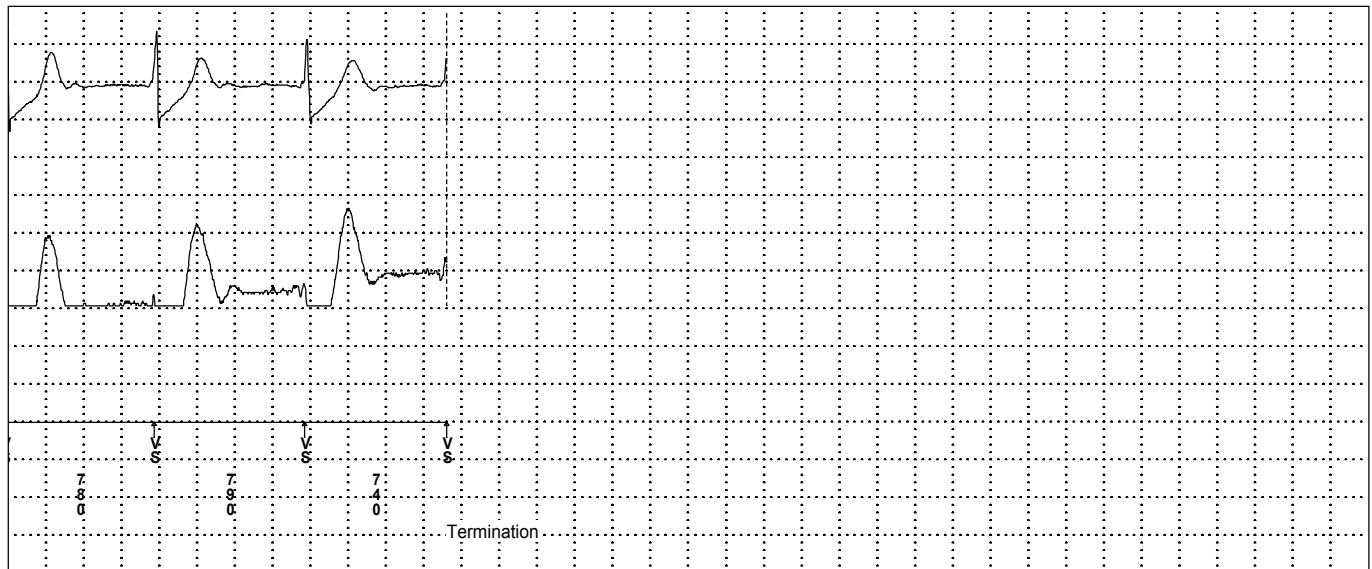
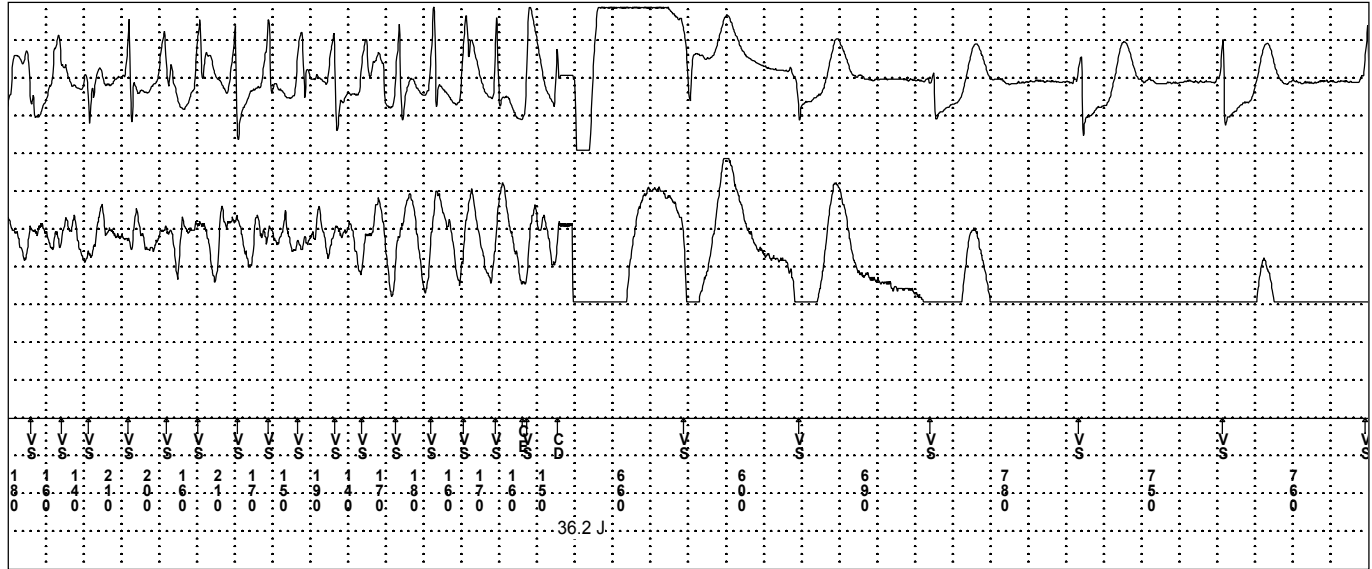
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #209 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #209: 21-Nov-2020 05:47:25

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate ---
 V. Median 333 bpm (180 ms)
 Activity at onset Rest, Sensor = 43 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies Delivered Charge Ohms Energy

VF Rx 1 Defib 36.2 J 9.68 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT	Off			
VT	On	16	12	390 ms (154 bpm)
Monitor	Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 20-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #209

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

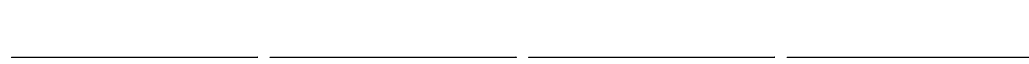
Patient:

ID:

Physician:

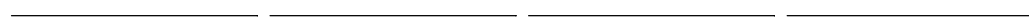
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	209	21-Nov-2020	05:47	:14	353	---	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
 20 ms
 — QRS
 - - - - Template

No Match --- No Match --- No Match --- No Match ---



Treated VT/VF Episode #208

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

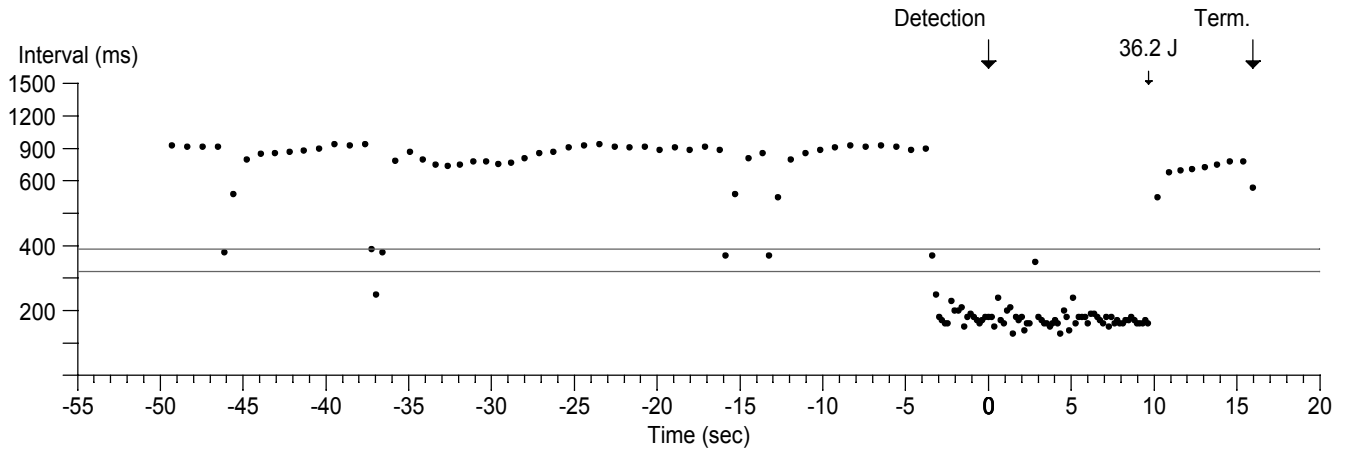
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	208	19-Nov-2020	06:31	:14	353	---	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #208

Device: **Evera S VR DVBC3D1**

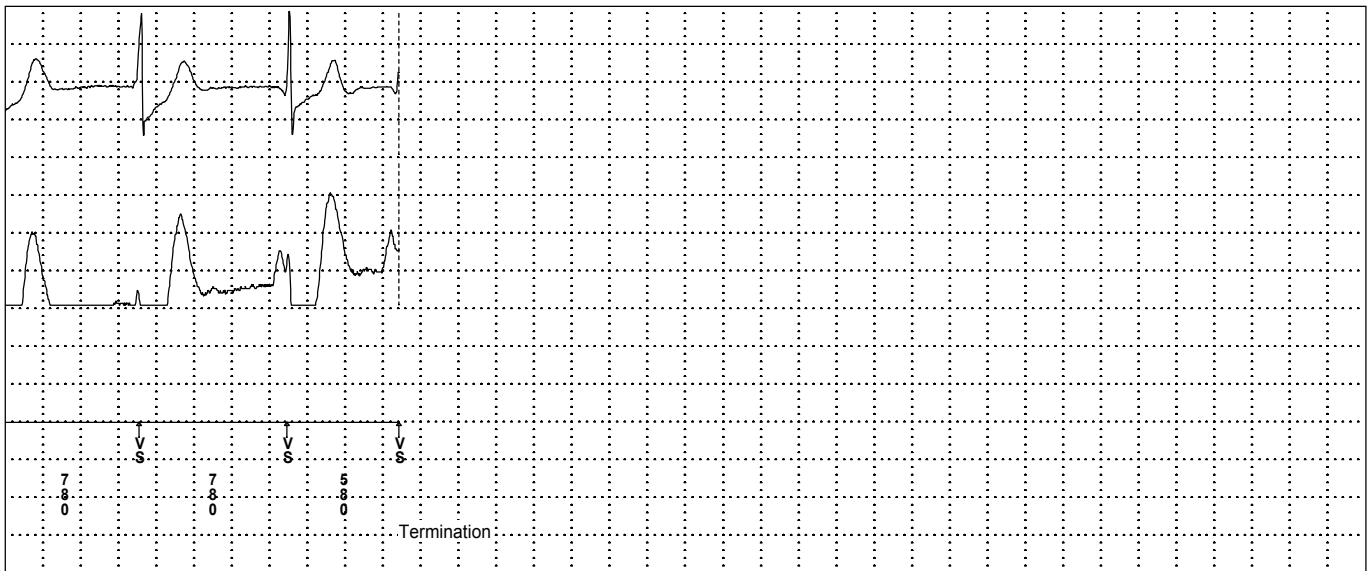
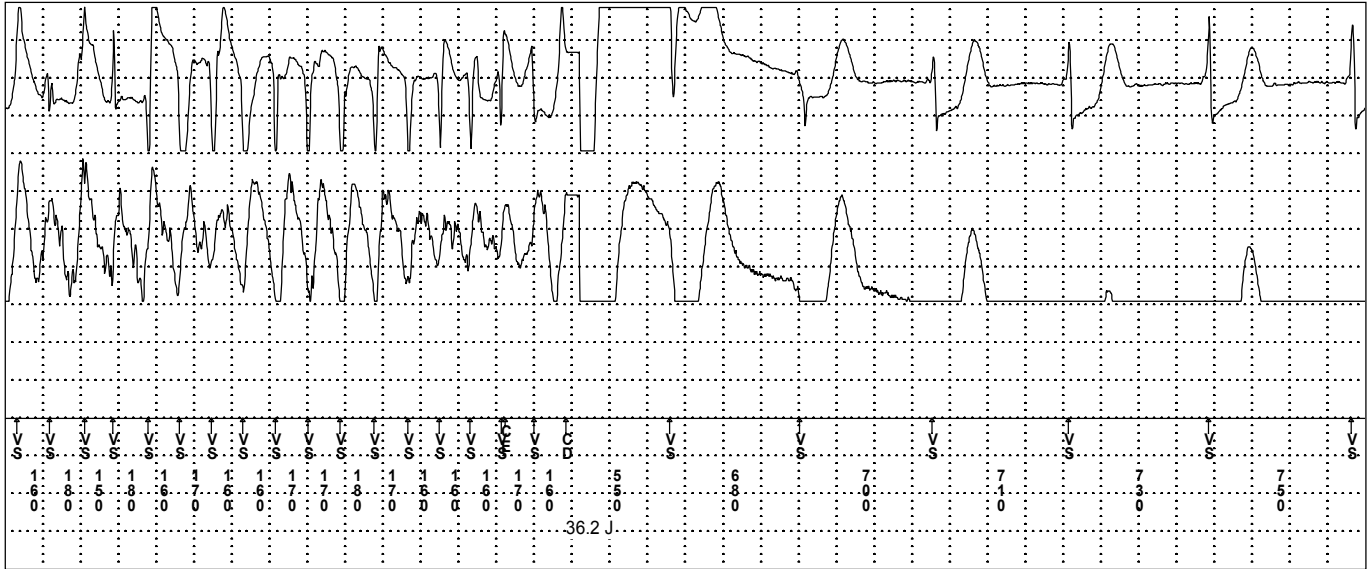
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #208 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #208

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #208: 19-Nov-2020 06:31:32

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate ---
 V. Median 333 bpm (180 ms)
 Activity at onset Rest, Sensor = 48 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Defib	36.2 J	9.28 sec	43 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: Inconsistent with intrinsic rhythm

- 8. No Match --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT Off			
VT On	16	12	390 ms (154 bpm)
Monitor Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 18-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity

RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #208

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

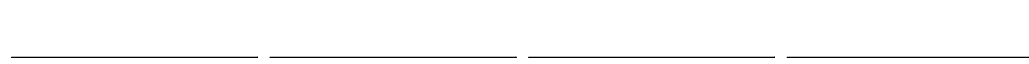
Patient:

ID:

Physician:

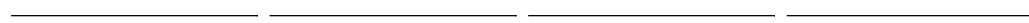
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	208	19-Nov-2020	06:31	:14	353	---	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
 20 ms
 — QRS
 - - - - Template

No Match --- No Match --- No Match --- No Match ---



Treated VT/VF Episode #207

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

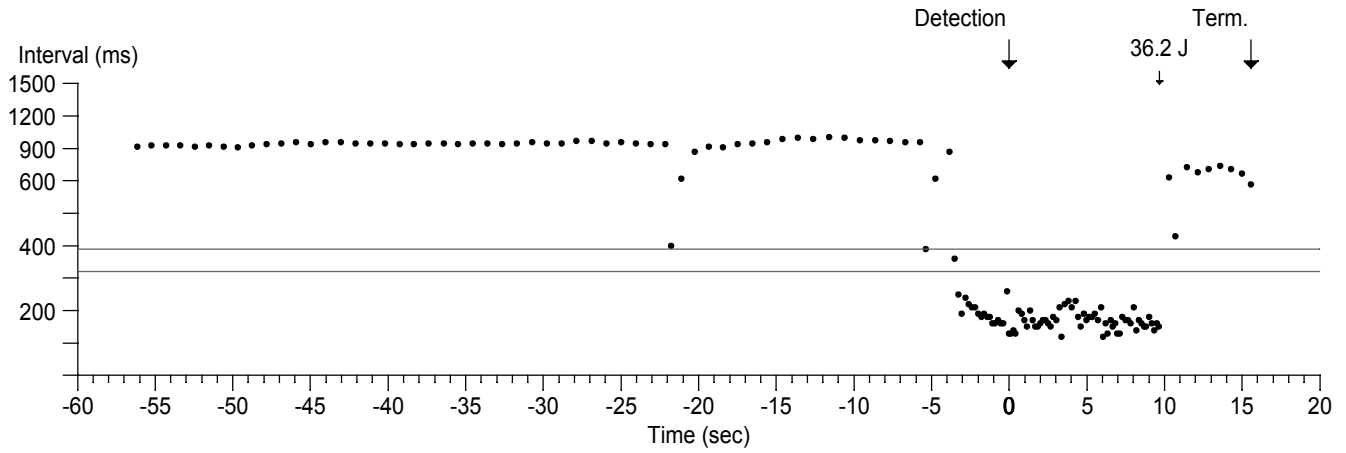
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	207	19-Nov-2020	05:00	:14	353	---	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #207

Device: **Evera S VR DVBC3D1**

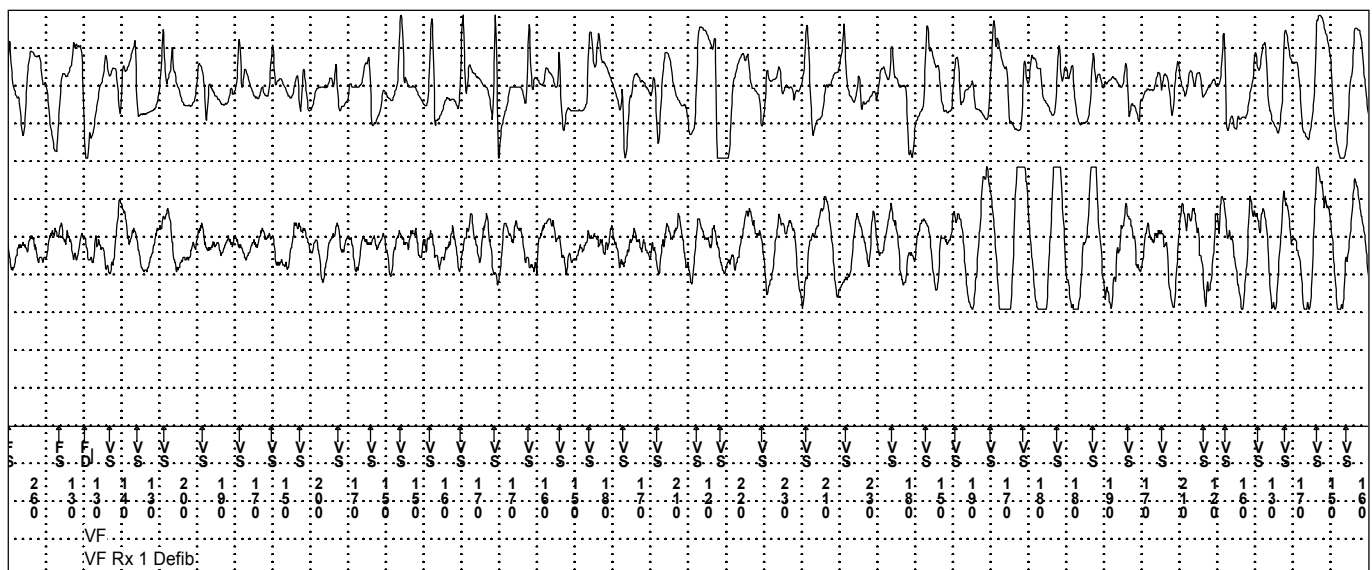
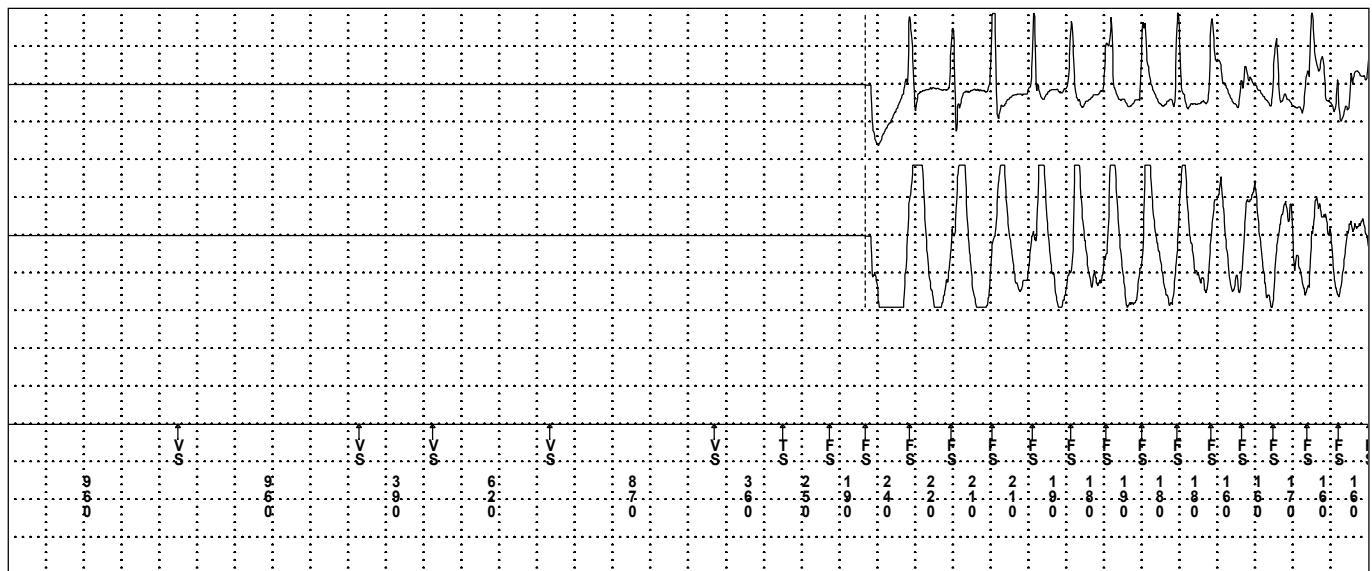
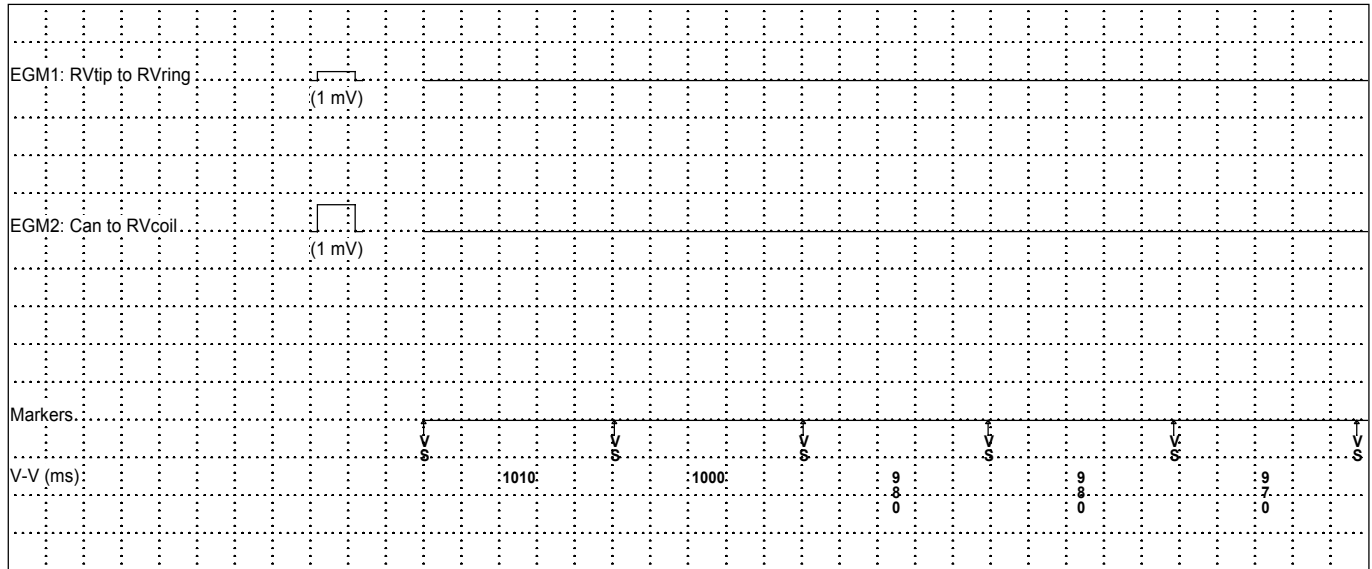
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #207 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #207

Device: **Evera S VR DVBC3D1**

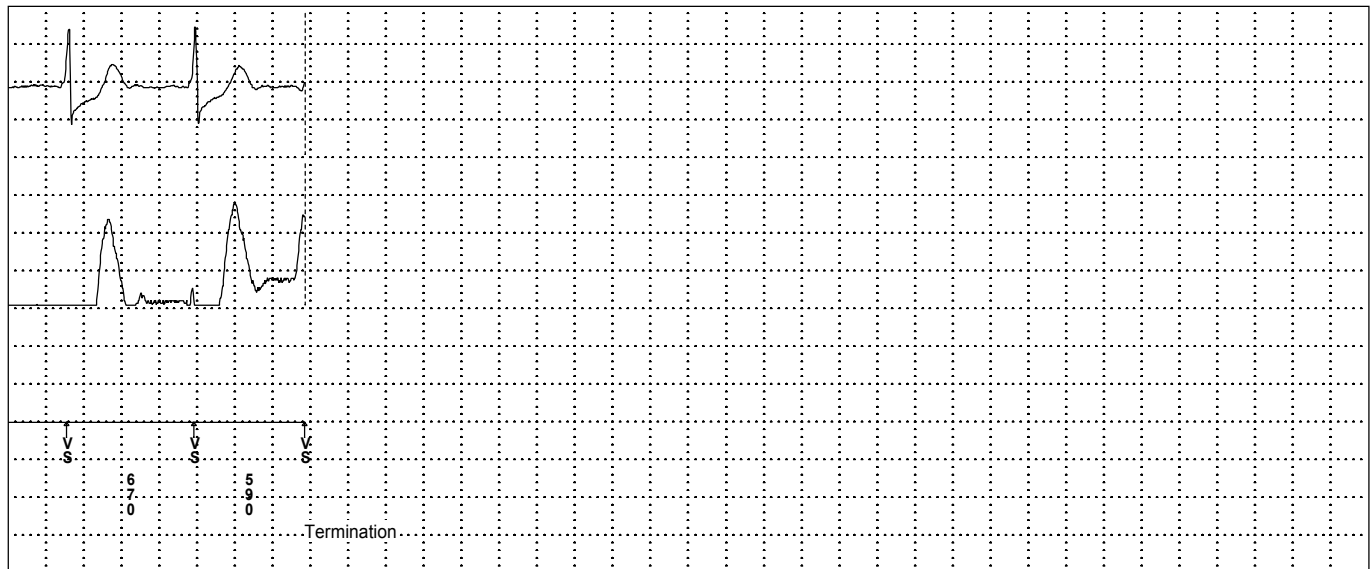
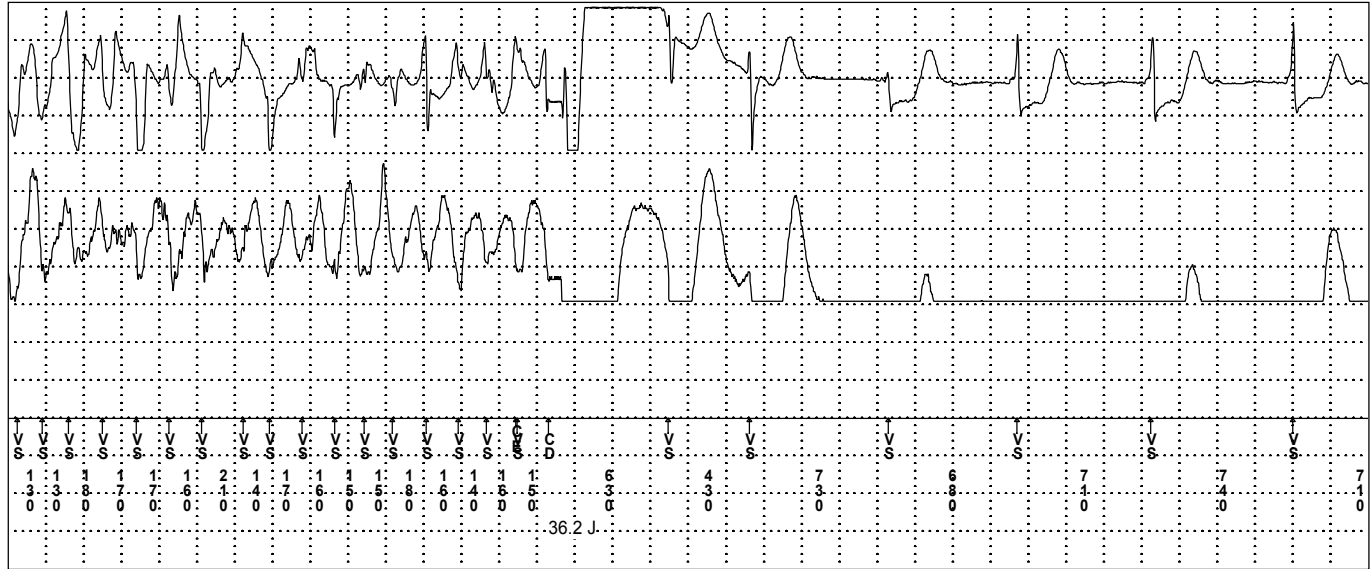
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #207 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #207

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #207: 19-Nov-2020 05:00:44

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate ---
 V. Median 333 bpm (180 ms)
 Activity at onset Rest, Sensor = 46 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Defib	36.2 J	9.44 sec	43 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: Inconsistent with intrinsic rhythm

- 8. No Match --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT Off			
VT On	16	12	390 ms (154 bpm)
Monitor Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 18-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity

RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #207

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

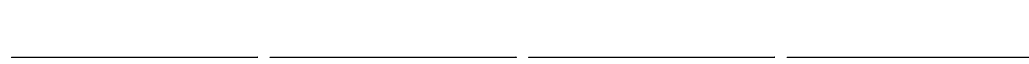
Patient:

ID:

Physician:

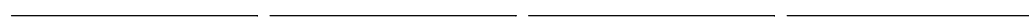
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	207	19-Nov-2020	05:00	:14	353	---	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
 20 ms
 — QRS
 - - - - Template

No Match --- No Match --- No Match --- No Match ---



Treated VT/VF Episode #206

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

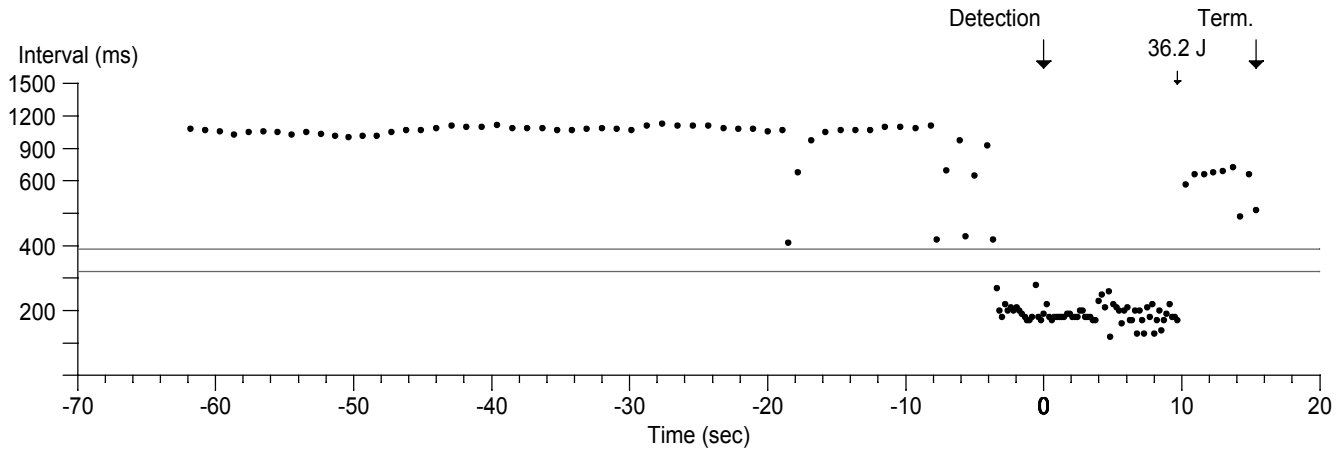
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	206	17-Nov-2020	09:16	:14	300	316	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #206

Device: **Evera S VR DVBC3D1**

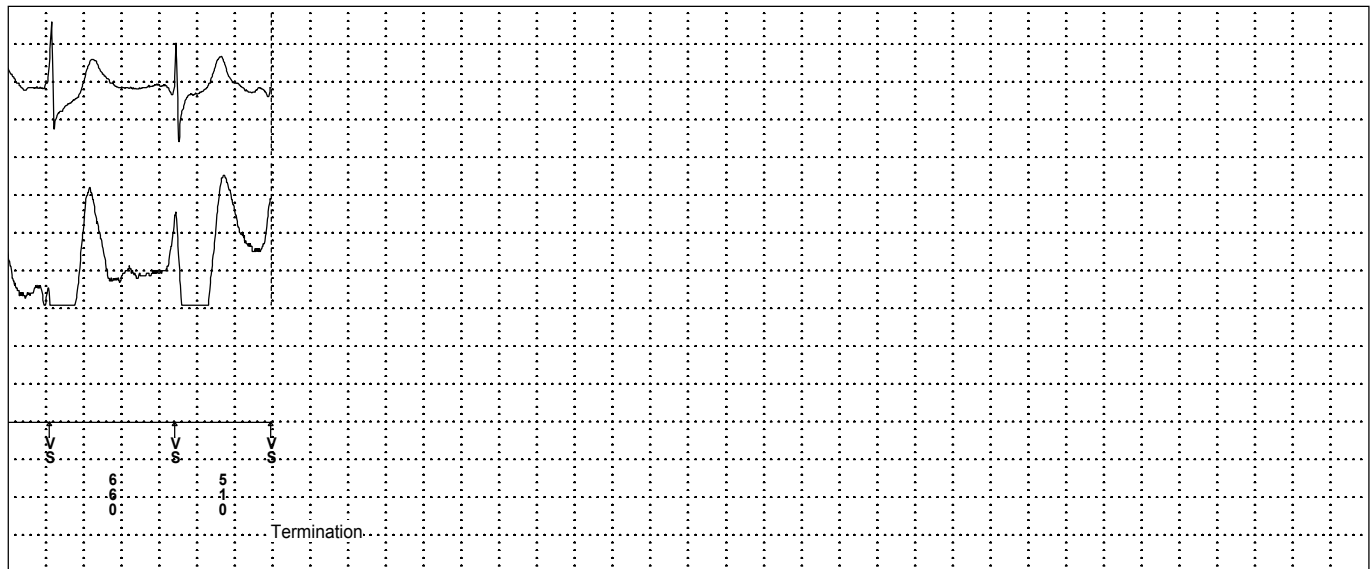
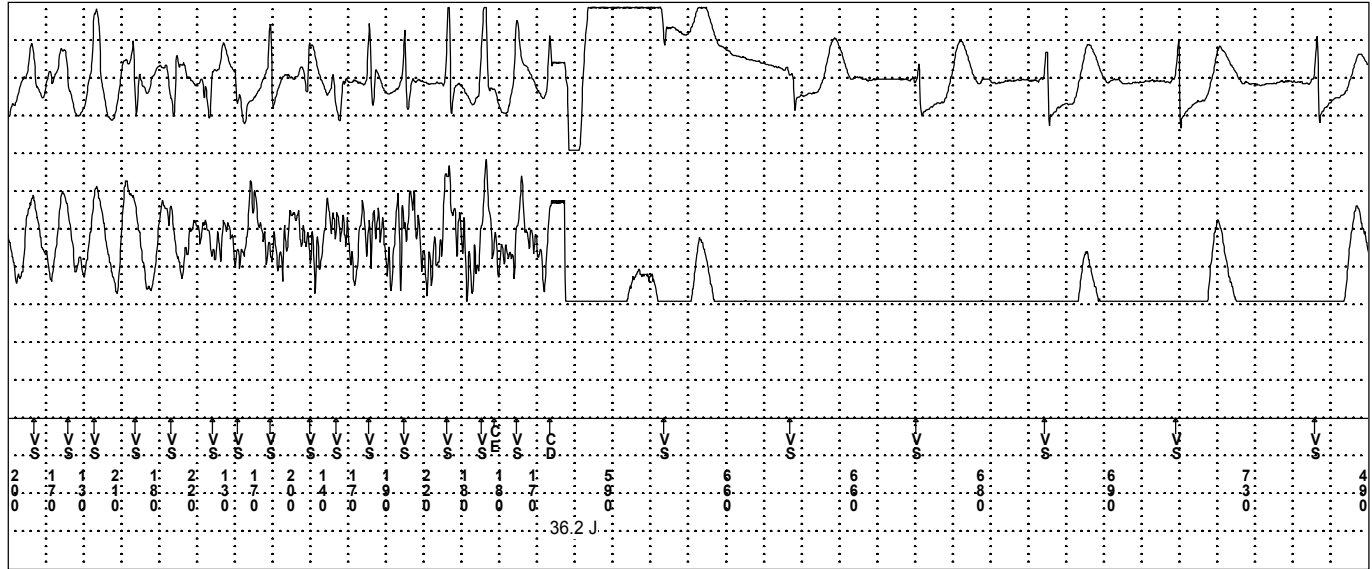
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #206 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #206

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #206: 17-Nov-2020 09:16:08

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate 316 bpm
 V. Median 316 bpm (190 ms)
 Activity at onset Rest, Sensor = 40 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies Delivered Charge Ohms Energy

VF Rx 1 Defib 36.2 J 9.34 sec 46 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 3. No Match 16 %
- 2. No Match --- Interval too fast
- 1. No Match --- Interval too fast
- 0. Detection

Parameter Settings Initial Redetect V. Interval (Rate)

VF On 18/24 9/12 320 ms (188 bpm)
 FVT Off
 VT On 16 12 390 ms (154 bpm)
 Monitor Monitor 32 450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 17-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #206

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

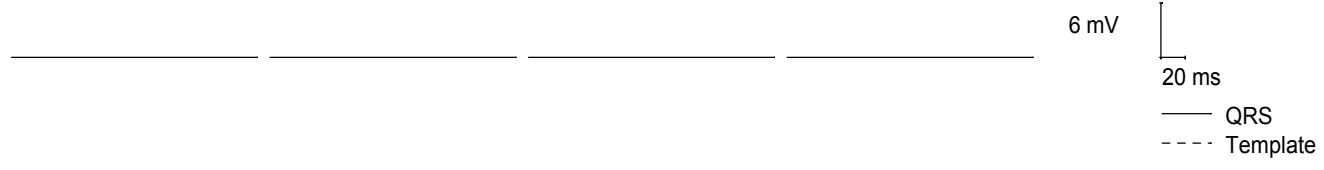
Patient:

ID:

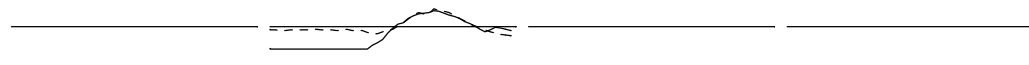
Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	206	17-Nov-2020	09:16	:14	300	316	Rest

No Match --- No Match --- No Match --- No Match ---



No Match --- No Match 16 % No Match --- No Match ---



Treated VT/VF Episode #205

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

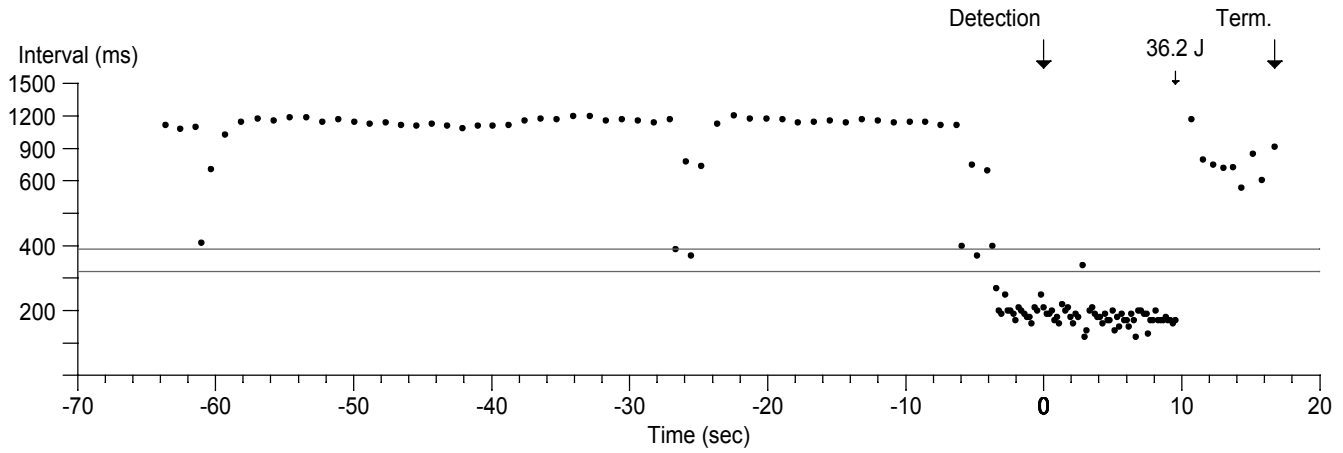
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	205	15-Nov-2020	08:00	:14	286	300	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #205

Device: **Evera S VR DVBC3D1**

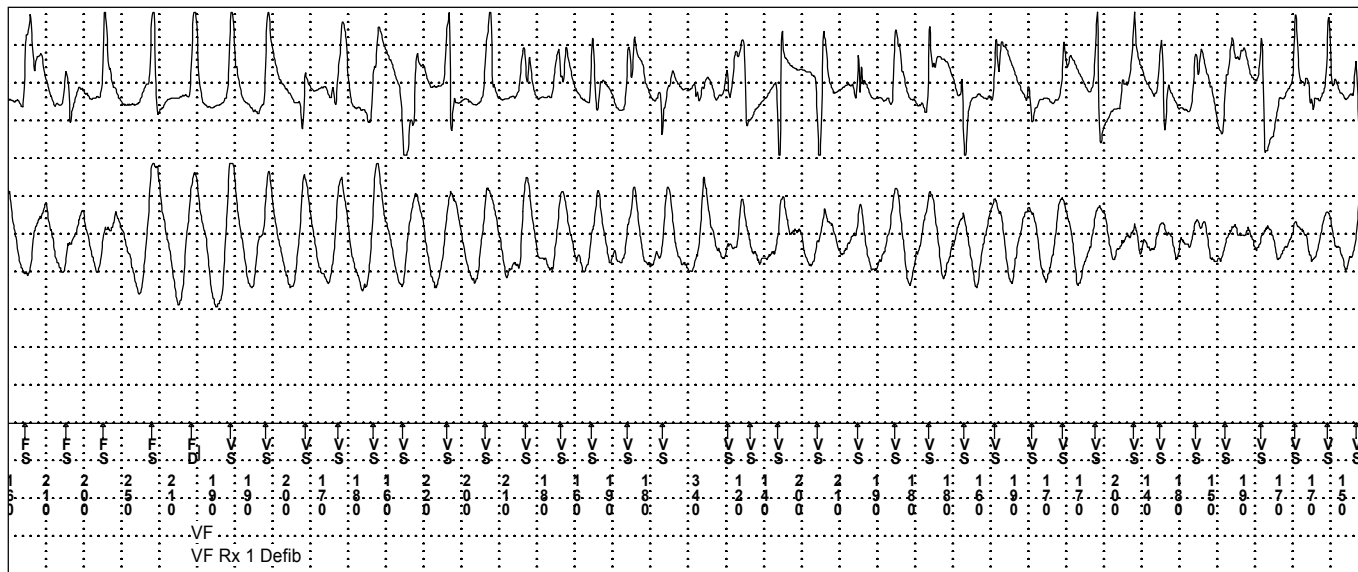
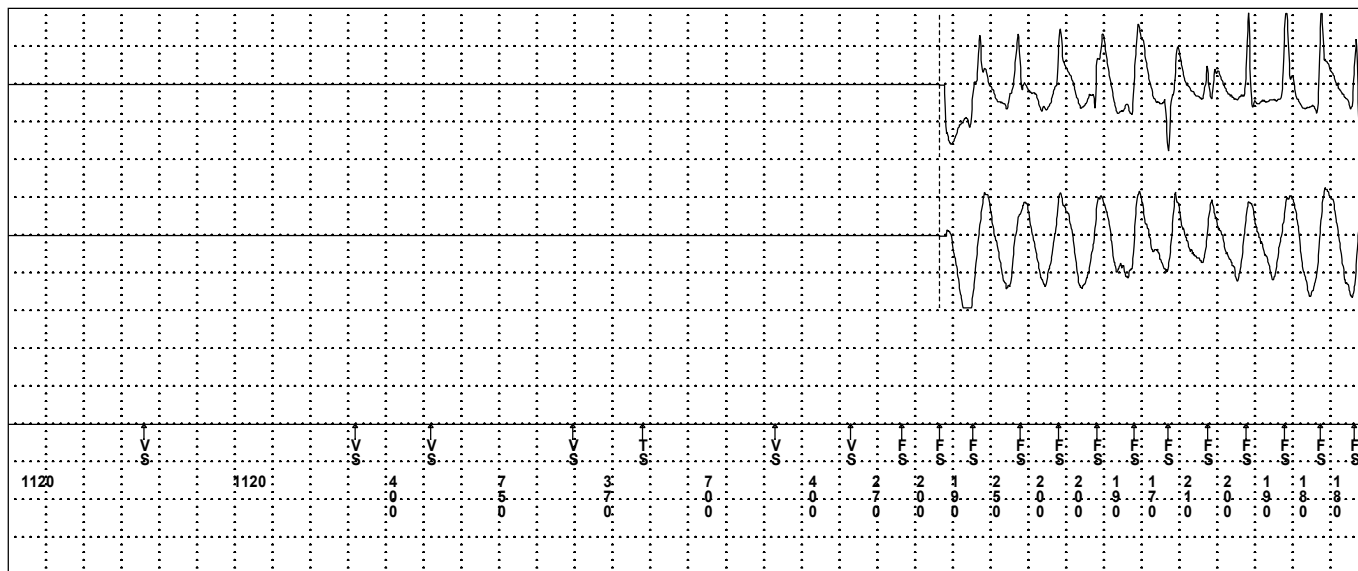
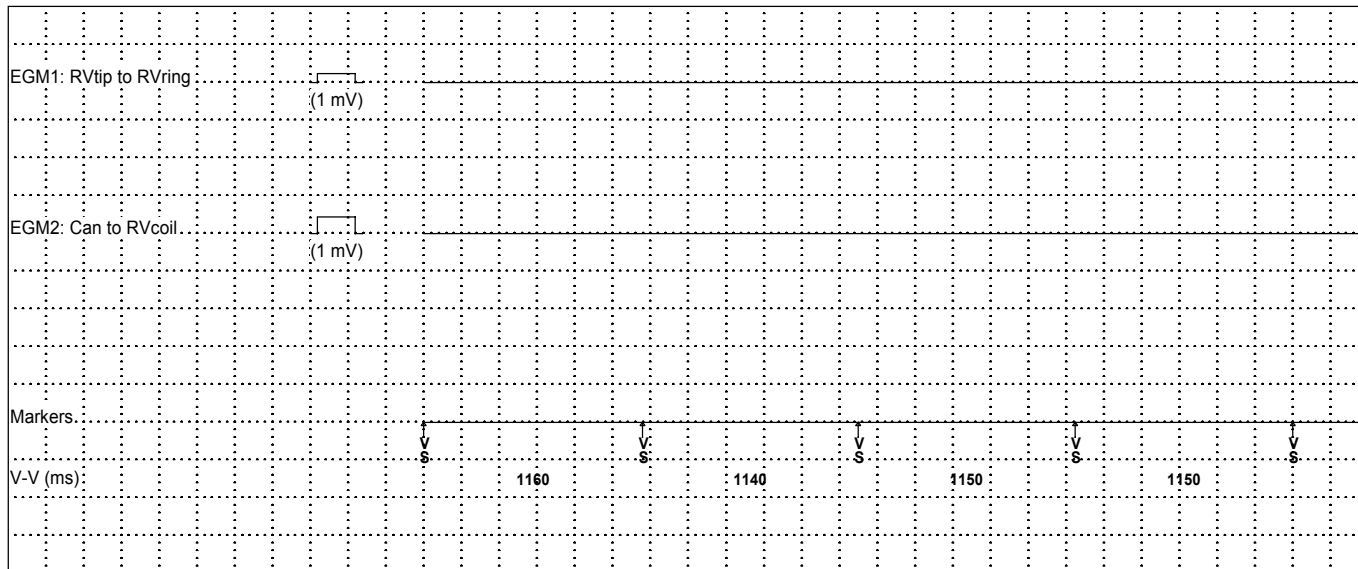
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #205 - VF Chart speed: 25.0 mm/sec



Treated VT/VF Episode #205

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #205: 15-Nov-2020 08:00:49

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate 300 bpm
 V. Median 300 bpm (200 ms)
 Activity at onset Rest, Sensor = 40 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Defib	36.2 J	9.25 sec	49 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 3. No Match --- Interval too fast
- 2. No Match --- Interval too fast
- 1. No Match 22 %
- 0. Detection

Parameter	Settings	Initial	Redetect	V. Interval (Rate)
VF	On	18/24	9/12	320 ms (188 bpm)
FVT	Off			
VT	On	16	12	390 ms (154 bpm)
Monitor	Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 14-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity

RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #205

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

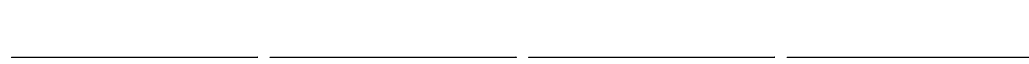
Patient:

ID:

Physician:

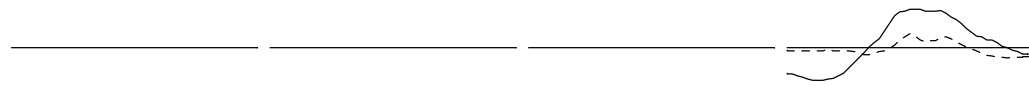
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	205	15-Nov-2020	08:00	:14	286	300	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
20 ms
— QRS
- - - - Template

No Match --- No Match --- No Match --- No Match 22 %



Treated VT/VF Episode #204

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

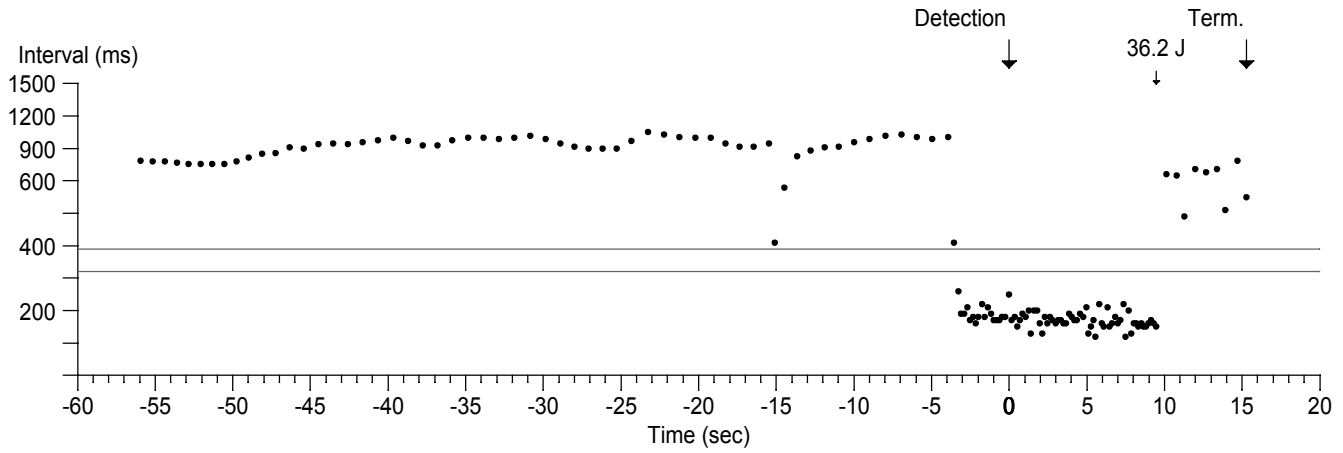
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	204	13-Nov-2020	05:49	:14	316	333	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #204

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #204: 13-Nov-2020 05:49:45

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate 333 bpm
 V. Median 333 bpm (180 ms)
 Activity at onset Rest, Sensor = 40 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Defib	36.2 J	9.17 sec	46 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT Off			
VT On	16	12	390 ms (154 bpm)
Monitor Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 13-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity	RV
Pace Polarity	Bipolar
Sense Polarity	Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #204

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

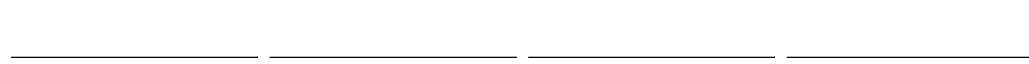
Patient:

ID:

Physician:

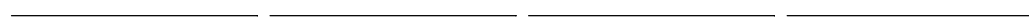
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	204	13-Nov-2020	05:49	:14	316	333	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
 20 ms
 — QRS
 - - - - Template

No Match --- No Match --- No Match --- No Match ---



Monitored VT Episode #203

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

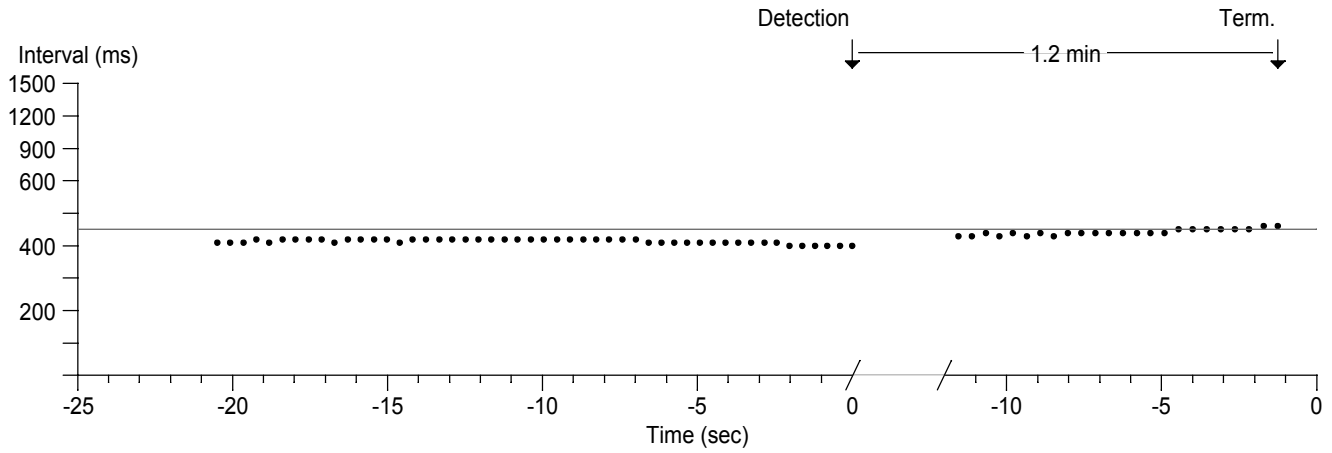
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VT-Mon			203	12-Nov-2020	10:20	:01:13	144	154	Active

• V-V VTM = 450 ms



Monitored VT Episode #203

Device: **Evera S VR DVBC3D1**

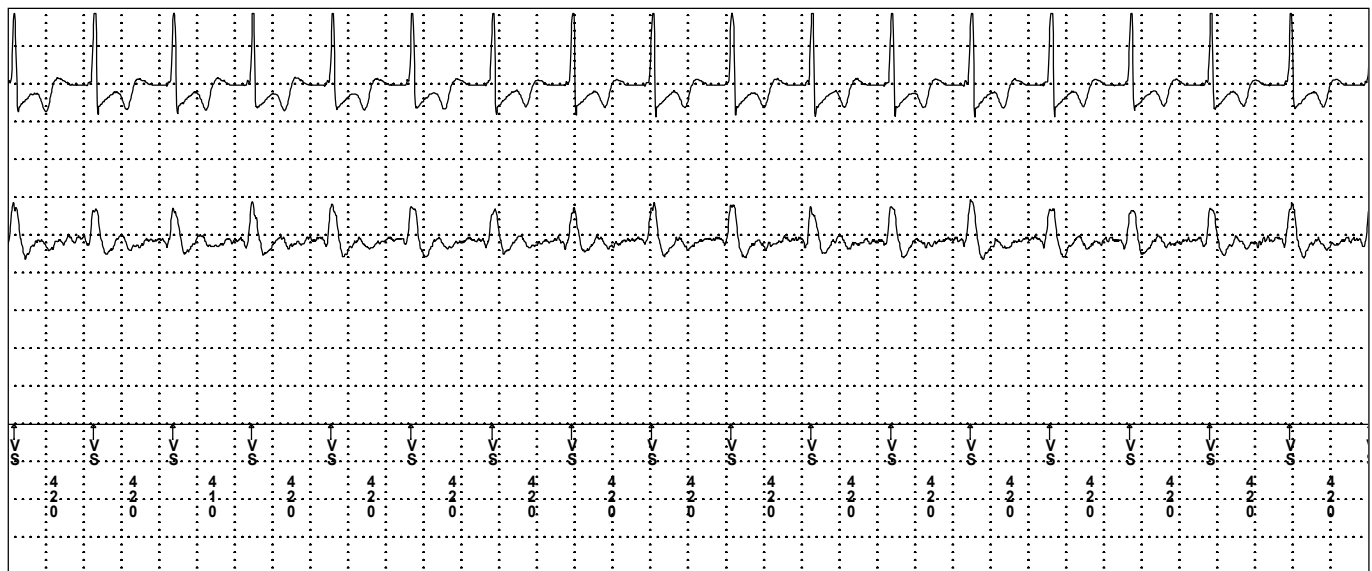
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #203 Chart speed: 25.0 mm/sec



Monitored VT Episode #203

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #203: 12-Nov-2020 10:20:41

Episode Summary

Initial Type VT Monitor (spontaneous)
Duration 1.2 min
V. Max Rate 154 bpm
V. Median 146 bpm (410 ms)
Activity at onset Active, Sensor = 102 bpm

Wavelet Measurements Prior to Initial VT Detection

Wavelet Result: VT/VF
Template Status: OK

-8. No Match 58 %
-7. No Match 61 %
-6. No Match 61 %
-5. No Match 58 %
-4. No Match 52 %
-3. No Match 61 %
-2. No Match 55 %
-1. No Match 52 %
0. Detection

Parameter	Settings	Initial	Redetect	V. Interval (Rate)
VF	On	18/24	9/12	320 ms (188 bpm)
FVT	Off			
VT	On	16	12	390 ms (154 bpm)
Monitor	Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
Template 12-Nov-2020, Auto = On
SVT V. Limit 260 ms

Other Enhancements

Stability Off
Onset Off
High Rate Timeout
VF Zone Only 0.75 min
All Zones Off
TWave On
RV Lead Noise On+Timeout
Timeout 0.75 min

Polarity

RV

Pace Polarity Bipolar
Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Monitored VT Episode #203

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

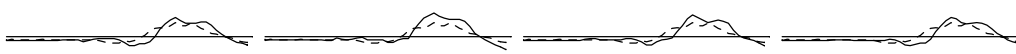
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VT-Mon				203	12-Nov-2020	10:20	:01:13	144	154	Active

No Match 58 % No Match 61 % No Match 61 % No Match 58 %



6 mV
20 ms
— QRS
- - - Template

No Match 52 % No Match 61 % No Match 55 % No Match 52 %



Treated VT/VF Episode #202

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

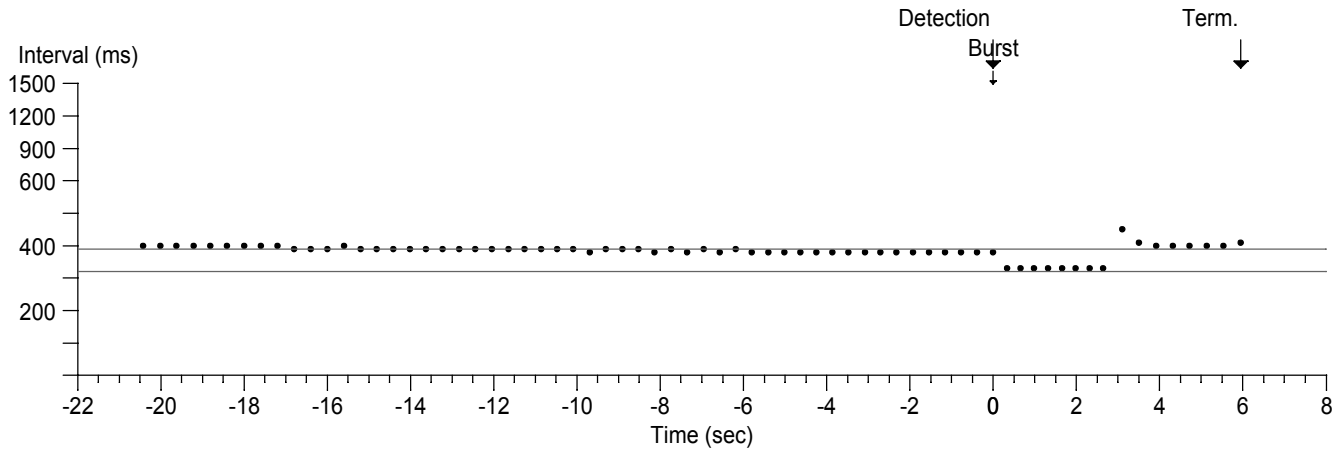
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VT	1		Yes	202	12-Nov-2020	10:20	:08	158	158	Active

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #202

Device: **Evera S VR DVBC3D1**

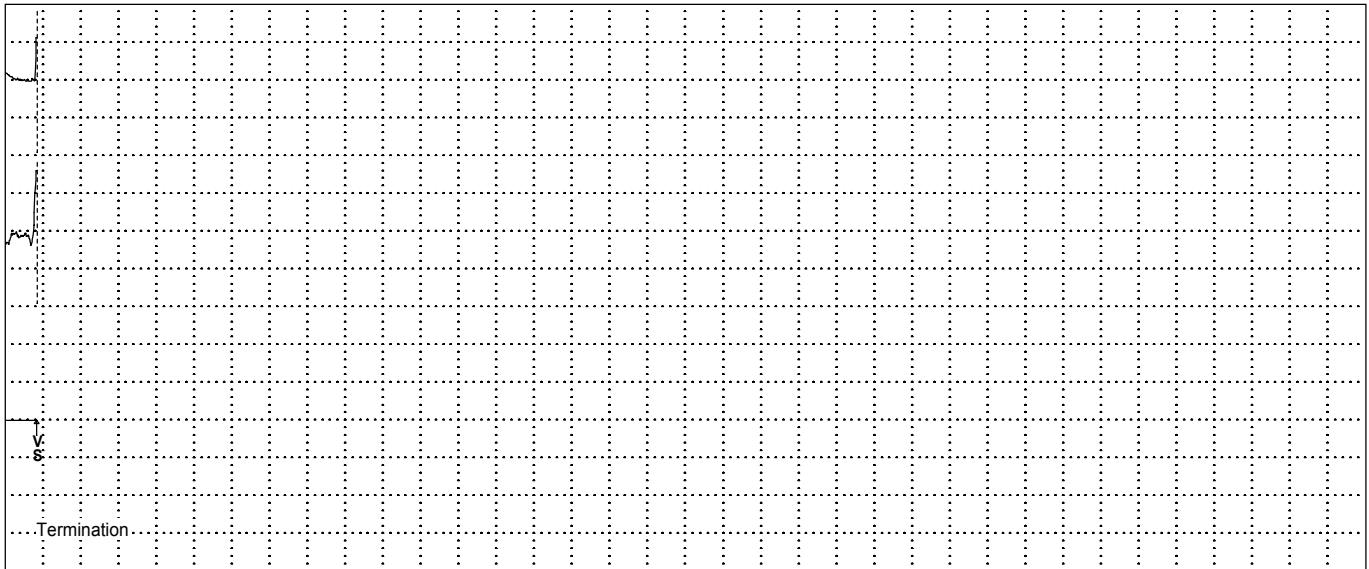
Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Episode #202 - VT Chart speed: 25.0 mm/sec



Treated VT/VF Episode #202

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #202: 12-Nov-2020 10:20:14

Episode Summary

Initial Type	VT (spontaneous)
Duration	8 sec
V. Max Rate	158 bpm
V. Median	158 bpm (380 ms)
V. Stability	0 ms - 0 ms
Activity at onset	Active, Sensor = 102 bpm
Last Therapy	VT Rx1: Burst, Successful

Initial VT/VF Detection Withheld By

None

Therapies Delivered Charge Ohms Energy

VT Rx 1 Burst	Seq 1
---------------	-------

Termination

Wavelet Measurements Prior to Initial VT/VF Detection

Wavelet Result: VT/VF

Template Status: OK

- 8. No Match 55 %
- 7. No Match 55 %
- 6. No Match 67 %
- 5. No Match 64 %
- 4. No Match 58 %
- 3. No Match 58 %
- 2. No Match 61 %
- 1. No Match 55 %
- 0. Detection

Parameter Settings Initial Redetect V. Interval (Rate)

VF	On	18/24	9/12	320 ms (188 bpm)
FVT	Off			
VT	On	16	12	390 ms (154 bpm)
Monitor	Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet	On, Match = 70 %
Template	12-Nov-2020, Auto = On
SVT V. Limit	260 ms

Other Enhancements

Stability	Off
Onset	Off
High Rate Timeout	
VF Zone Only	0.75 min
All Zones	Off
TWave	On
RV Lead Noise	On+Timeout
Timeout	0.75 min

Polarity RV

Pace Polarity	Bipolar
Sense Polarity	Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #202

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

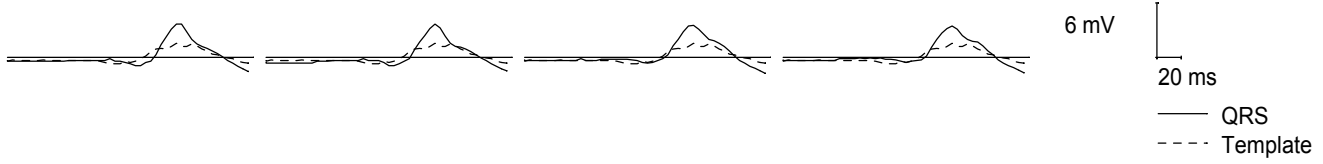
Patient:

ID:

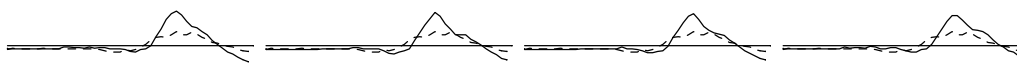
Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VT	1		Yes	202	12-Nov-2020	10:20	:08	158	158	Active

No Match 55 % No Match 55 % No Match 67 % No Match 64 %



No Match 58 % No Match 58 % No Match 61 % No Match 55 %



Treated VT/VF Episode #200

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

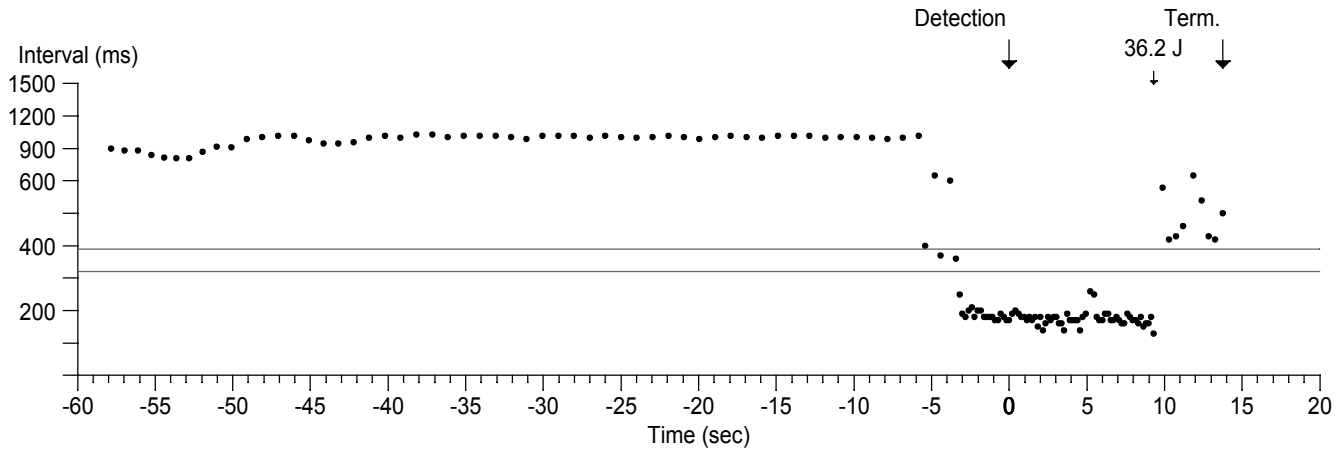
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	200	09-Nov-2020	04:50	:13	353	---	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #200

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #200: 09-Nov-2020 04:50:51

Episode Summary

Initial Type VF (spontaneous)
 Duration 13 sec
 V. Max Rate ---
 V. Median 333 bpm (180 ms)
 Activity at onset Rest, Sensor = 50 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Defib	36.2 J	9.02 sec	45 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT Off			
VT On	16	12	390 ms (154 bpm)
Monitor Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 08-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity

RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #200

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

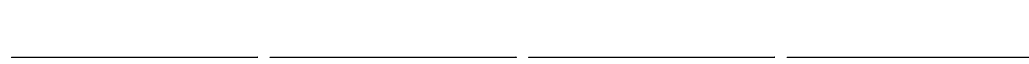
Patient:

ID:

Physician:

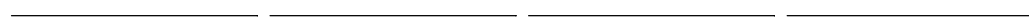
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	200	09-Nov-2020	04:50	:13	353	---	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
 20 ms
 — QRS
 - - - - Template

No Match --- No Match --- No Match --- No Match ---



Treated VT/VF Episode #199

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

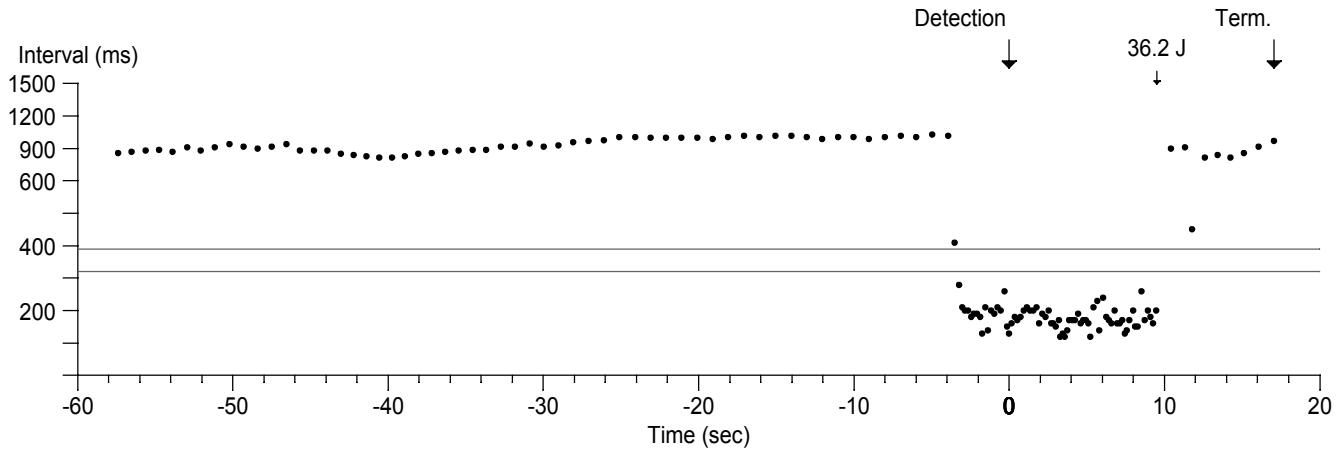
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	199	06-Nov-2020	05:06	:15	333	---	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #199

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #199: 06-Nov-2020 05:06:00

Episode Summary

Initial Type VF (spontaneous)
 Duration 15 sec
 V. Max Rate ---
 V. Median 316 bpm (190 ms)
 Activity at onset Rest, Sensor = 40 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
-----------	-----------	--------	------	--------

VF Rx 1 Defib	36.2 J	9.06 sec	49 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: Inconsistent with intrinsic rhythm

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

Parameter Settings	Initial	Redetect	V. Interval (Rate)
--------------------	---------	----------	--------------------

VF	On	18/24	9/12	320 ms (188 bpm)
FVT	Off			
VT	On	16	12	390 ms (154 bpm)
Monitor	Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 05-Nov-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity	RV
----------	----

Pace Polarity	Bipolar
Sense Polarity	Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #199

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

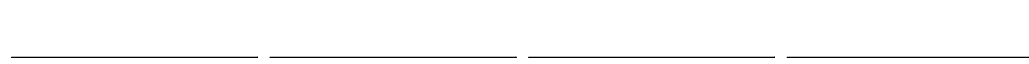
Patient:

ID:

Physician:

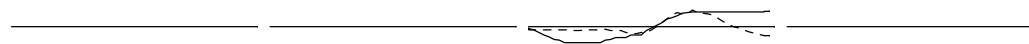
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	199	06-Nov-2020	05:06	:15	333	---	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
20 ms
— QRS
- - - - Template

No Match --- No Match --- No Match 1 % No Match ---



Treated VT/VF Episode #197

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

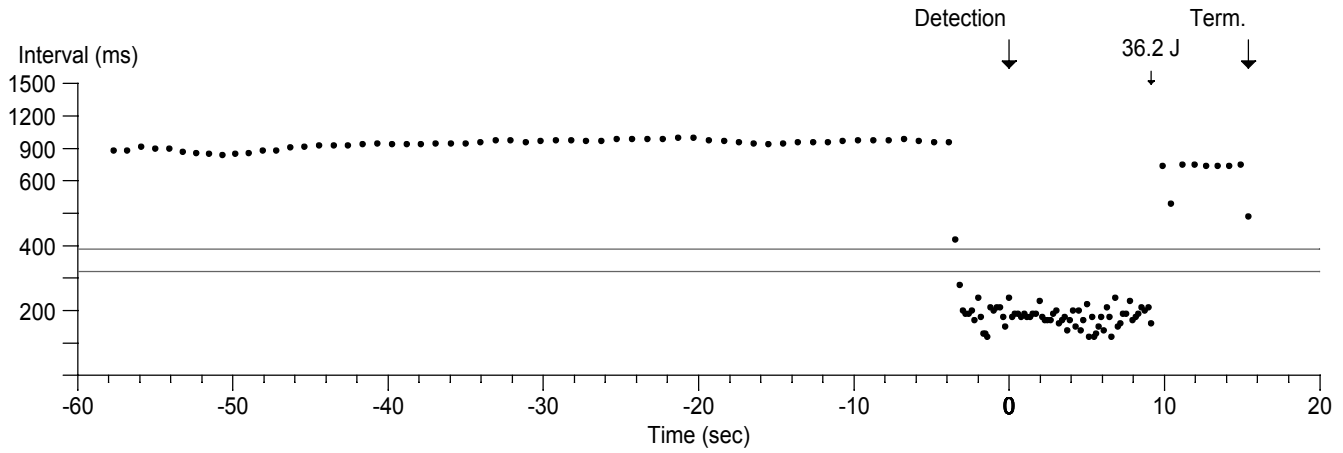
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	197	01-Nov-2020	04:57	:14	316	---	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #197

 Device: **Evera S VR DVBC3D1**

Serial Number:

 Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #197: 01-Nov-2020 04:57:48

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate ---
 V. Median 300 bpm (200 ms)
 Activity at onset Rest, Sensor = 40 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Defib	36.2 J	8.88 sec	49 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT Off			
VT On	16	12	390 ms (154 bpm)
Monitor Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 31-Oct-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity

RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #197

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

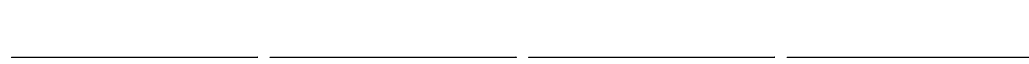
Patient:

ID:

Physician:

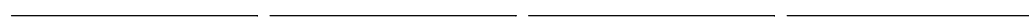
Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	197	01-Nov-2020	04:57	:14	316	---	Rest

No Match --- No Match --- No Match --- No Match ---



6 mV
 20 ms
 — QRS
 - - - - Template

No Match --- No Match --- No Match --- No Match ---



Treated VT/VF Episode #196

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

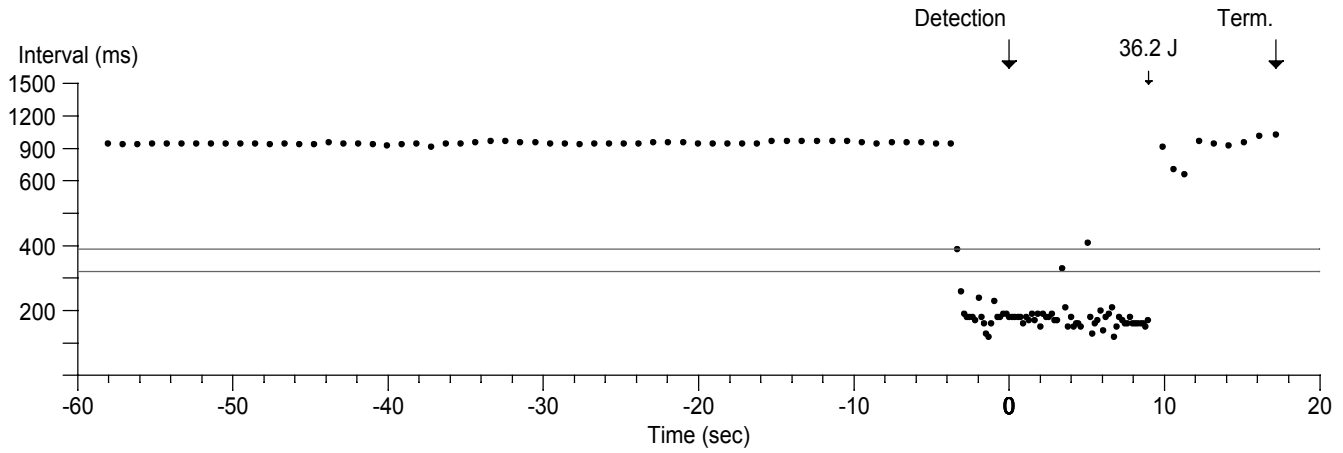
Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	196	29-Oct-2020	06:50	:14	333	333	Rest

• V-V VF = 320 ms VT = 390 ms



Treated VT/VF Episode #196

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Episode #196: 29-Oct-2020 06:50:21

Episode Summary

Initial Type VF (spontaneous)
 Duration 14 sec
 V. Max Rate 333 bpm
 V. Median 333 bpm (180 ms)
 Activity at onset Rest, Sensor = 40 bpm
 Last Therapy VF Rx1: Defib, Successful

Initial VT/VF Detection Withheld By

None

Therapies	Delivered	Charge	Ohms	Energy
VF Rx 1 Defib	36.2 J	8.58 sec	45 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 --- Interval too fast
- 7. No Match --- Interval too fast
- 6. No Match --- Interval too fast
- 5. No Match --- Interval too fast
- 4. No Match --- Interval too fast
- 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	18/24	9/12	320 ms (188 bpm)
FVT	Off			
VT	On	16	12	390 ms (154 bpm)
Monitor	Monitor	32		450 ms (133 bpm)

Wavelet

Wavelet On, Match = 70 %
 Template 28-Oct-2020, Auto = On
 SVT V. Limit 260 ms

Other Enhancements

Stability Off
 Onset Off
 High Rate Timeout
 VF Zone Only 0.75 min
 All Zones Off
 TWave On
 RV Lead Noise On+Timeout
 Timeout 0.75 min

Polarity

RV

Pace Polarity Bipolar
 Sense Polarity Bipolar

EGM	Source	Range	Sensitivity
EGM1	RVtip to RVring	+/- 8 mV	RV 0.3 mV
EGM2 (Wavelet)	Can to RVcoil	+/- 12 mV	

Treated VT/VF Episode #196

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	196	29-Oct-2020	06:50	:14	333	333	Rest

No Match ---

No Match ---

No Match ---

No Match ---

6 mV

┌
└ 20 ms
— QRS
- - - - Template

No Match ---

No Match ---

No Match ---

No Match ---

Treated VT/VF Episode #195

Device: **Evera S VR DVBC3D1**

Serial Number:

Date of Visit: **23-Nov-2020 21:14:00**

Patient:

ID:

Physician:

Type	ATP Seq	Shocks	Success	ID#	Date	Time hh:mm	Duration hh:mm:ss	Avg bpm V	Max bpm V	Activity at Onset
VF	0	35J	Yes	195	29-Oct-2020	05:56	:14	333	---	Rest

• V-V VF = 320 ms VT = 390 ms

