



Date of Birth: [REDACTED]
 Device: RESONATE HF CRT-D
 Clinic: [REDACTED]
 Search Tags:
 Tachy Mode: Monitor + Therapy

Latest Device Transmission: [REDACTED]
 Last Office Interrogation: [REDACTED]
 Implant Date: [REDACTED]
 Patient Group: CRT-D/ICD (Primary)

My Alerts

There are no alerts to display.

Events Since Last Reset (May 28, 2025)

Jun 17, 2025 09:25 RA Auto

Jun 11, 2025 06:24 RA Auto

See last page for full list of Events Since Last Reset.

Battery OK

Approximate time to explant: **6.5 years** from Jun 17, 2025

Last Capacitor Re-form

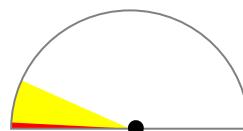
Apr 25, 2025 13:18

Charge Time

9.2 s

One Year Remaining

Explant



See last page for additional battery information.

Leads	Implant (May 05, 2025)	Most Recent In-Office Measurement (May 28, 2025)	Most Recent Daily Measurement (Jun 17, 2025)
● Atrial			
Intrinsic Amplitude	3.0 mV	2.5 mV	2.3 mV (Jun 16, 2025)
Pace Impedance	500 Ω	745 Ω	680 Ω (Jun 16, 2025)
Pace Threshold	0.5 V @ 0.4 ms	0.9 V @ 0.4 ms	0.4 V @ 0.4 ms (Jun 16, 2025)
■ Right Ventricular			
Intrinsic Amplitude	4.0 mV	N/R	3.4 mV (Jun 16, 2025)
Pace Impedance	500 Ω	349 Ω	331 Ω (Jun 16, 2025)
Pace Threshold	0.6 V @ 0.4 ms	1.9 V @ 0.4 ms	N/R
◆ Left Ventricular			
Intrinsic Amplitude	>25.0 mV	N/R	10.9 mV (Jun 16, 2025)
Pace Impedance (LVa)	1000 Ω	1021 Ω	1012 Ω (Jun 16, 2025)
Pace Impedance (LVb)		679 Ω	
Pace Threshold	0.6 V @ 0.4 ms	1.3 V @ 0.4 ms	N/R (Jun 16, 2025)
◆ Shock			
Shock Impedance	70 Ω	64 Ω	60 Ω (Jun 16, 2025)



Settings

Ventricular Tachy

VF	230 bpm	ATP	41 J, 41 J, 41 Jx6
VT	180 bpm	Scan	41 J, 41 J, 41 Jx4
VT-1	150 bpm	Monitor Only	

Atrial Tachy

ATR Mode Switch	170 bpm
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Brady/CRT

Mode	DDIR	Pacing Output	Trend 3.5 V @ 0.4 ms
Lower Rate Limit	60 ppm	● Atrial	3.5 V @ 1.0 ms
Maximum Tracking Rate	130 ppm	■ Right Ventricular	Trend 3.5 V @ 0.4 ms
Maximum Sensor Rate	130 ppm	◆ Left Ventricular (LVa)	Off
Paced AV Delay	120 - 180 ms	◆ Left Ventricular (LVb)	
Sensed AV Delay	80 - 120 ms		
A-Refractory (PVARP)	300 - 350 ms		
RV-Refractory (RVRP)	230 - 250 ms		
LV-Refractory (LVRP)	250 ms		
Ventricular Pacing Chamber	BiV		
LV Offset	0 ms		

Pacing Output

- Atrial
- Right Ventricular
- ◆ Left Ventricular (LVa)
- ◆ Left Ventricular (LVb)

Sensitivity

- Atrial
- Right Ventricular
- ◆ Left Ventricular

Leads Configuration (Pace/Sense)

- Atrial
- Right Ventricular
- ◆ LVa (Pace)
- ◆ LVb (Pace)
- ◆ LV (Sense)

Rate Adaptive Pacing

- Minute Ventilation
- Accelerometer

LV MultiSite Pacing

- Pacing Order

On

On

Off

LVTip1>>LVRing2

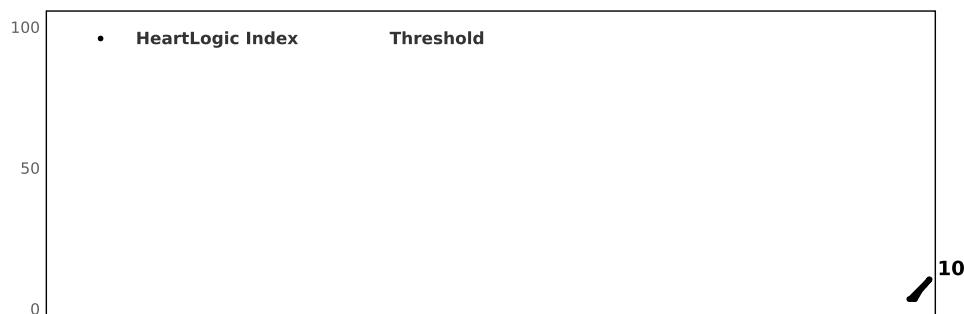
Rhythm ID Update

Last Successful Completion

N/R

HeartLogic™ Heart Failure Index

Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025



The HeartLogic Heart Failure Index alert is currently disabled.

Trend Graphs

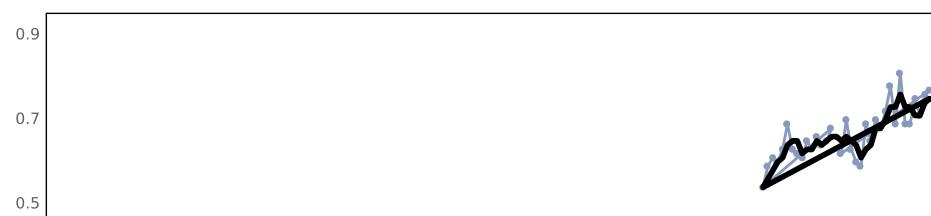
● Daily Value 3 Day Average

Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

R = Counter Reset
P = Program
I = Office Interrogation



S3



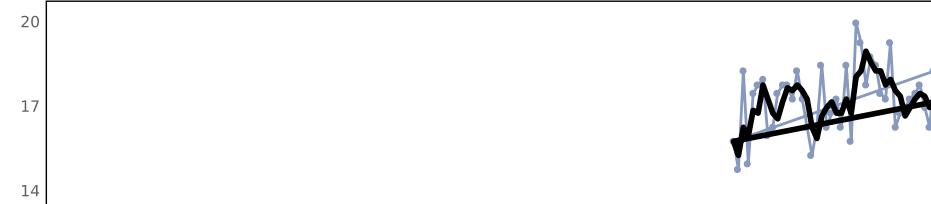
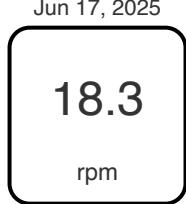
S1



Thoracic Impedance



Respiratory Rate



Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

● Daily Value

3 Day Average

Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

Night Heart Rate

Jun 16, 2025
62
bpm



Sleep Incline

Jun 16, 2025
Insufficient
degrees



Activity Level

Jun 17, 2025
0.9
hour(s)



AT/AF Burden

Jun 17, 2025
0.0
hour(s)



V Therapy

Jun 17, 2025
N/R
N/R
bpm



Heart Rate

Max
Mean
Min

Jun 17, 2025
75
63
61
bpm



Pacing Percent

Atrial
RV
LV

Jun 17, 2025
96
95
99
%



Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

● Daily Value

3 Day Average

Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

Heart Rate Variability
(SDANN)

Jun 17, 2025

Insufficient

ms

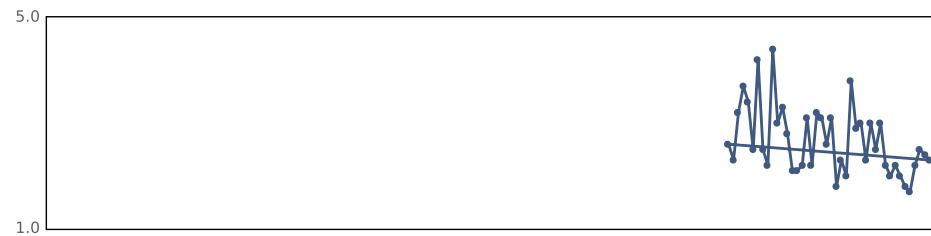
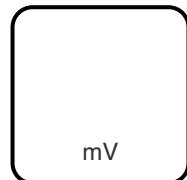


● Atrial

Intrinsic Amplitude

Jun 17, 2025

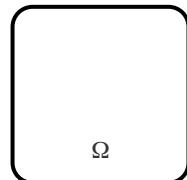
mV



● Atrial

Pace Impedance

Jun 17, 2025

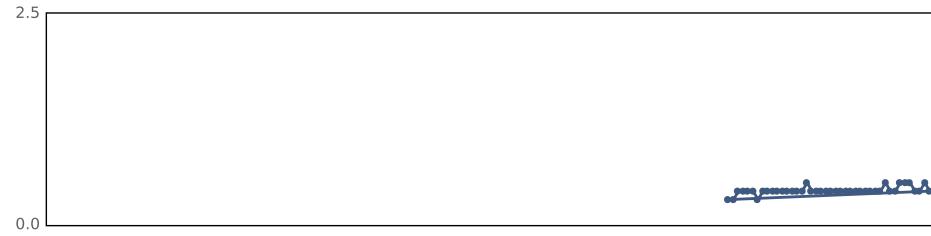
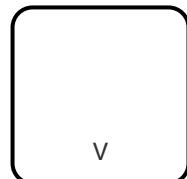
 Ω 

● Atrial

Auto Pace Threshold

Jun 17, 2025

V

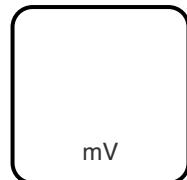


■ Right Ventricular

Intrinsic Amplitude

Jun 17, 2025

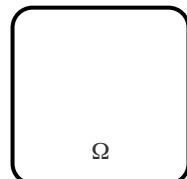
mV



■ Right Ventricular

Pace Impedance

Jun 17, 2025

 Ω 

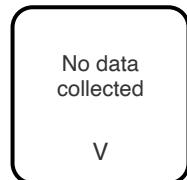
■ Right Ventricular

Auto Pace Threshold

Jun 17, 2025

No data
collected

V



Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

● Daily Value 3 Day Average

Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

◆ Left Ventricular

Intrinsic Amplitude

◆ Left Ventricular

Pace Impedance

◆ Left Ventricular

Auto Pace Threshold

Shock

Shock Impedance

Jun 17, 2025

Jun 17, 2025

Jun 17, 2025

Jun 17, 2025

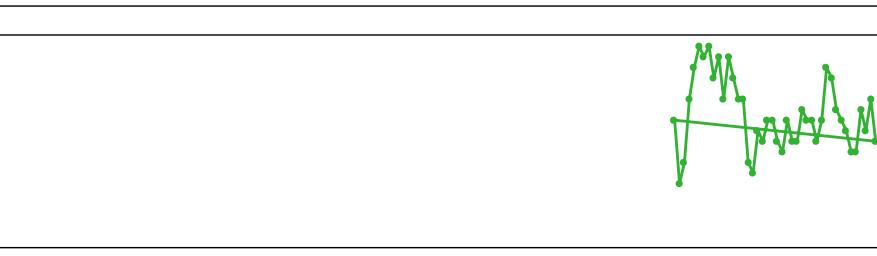
>25.0

4.0

800

0.0

50



Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

Ventricular Tachy Counters**Since Last Reset**
May 28, 2025**Device Totals****Ventricular Episode Counters**

Total Episodes

2

5

Treated

VF Therapy

0

0

VT Therapy

0

0

VT-1 Therapy

0

0

Commanded Therapy

0

0

Non-Treated

No Therapy Programmed

0

0

⚠️ Non-sustained V Episodes

2

5

Other Untreated Episodes

0

0

Ventricular Therapy Counters

ATP Delivered

0

0

ATP % Successful

0

0

Shocks Delivered

0

0

First Shock % Successful

0

0

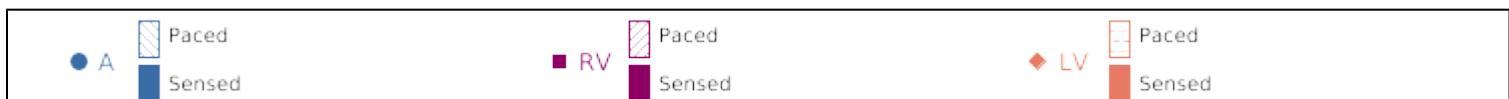
Shocks Diverted

0

0

Brady/CRT Counters		Reset Before Last 14 day(s)	Since Last Reset 20 day(s)		
		May 13, 2025 to May 28, 2025			
Counters					
% A Paced	78	84			
% RV Paced	92	93			
% LVa Paced	98	98			
% LVb Paced	0	0			
Intrinsic Promotion					
Rate Hysteresis	0	0			
% Successful	0	0			
Atrial Arrhythmia					
% AT/AF	<1	0			
Total Time in AT/AF (min)	0.2	0.0			
Episodes by Duration					
< 1 minute	1	0			
1 min - < 1 hr	0	0			
1 hr - < 24 hr	0	0			
24 hr - < 48 hr	0	0			
> 48 hr	0	0			
Total PACs	13236	12705			
Ventricular Counters					
Total PVCs	3344	3760			
Three or More PVCs	9	6			
Clinical Counters		Since Last Reset May 28, 2025	Device Totals		
MRI Protection Mode		0	0		
AT/AF Overview: Since Last Reset (May 28, 2025 to Jun 17, 2025)					
AT/AF: 0 %	AT/AF Events: 0	Total Time in AT/AF (min): 0.0			
There are no ATR events to display.					
AT/AF Overview: Reset Before Last (May 13, 2025 to May 28, 2025)					
Longest: May 20, 2025 20:29	Avg V Rate: 73 bpm	Duration: 00:00:10 hh:mm:ss			
Fastest RVS Rate: May 20, 2025 20:29	Max V Rate: N/R	Duration: 00:00:10 hh:mm:ss			

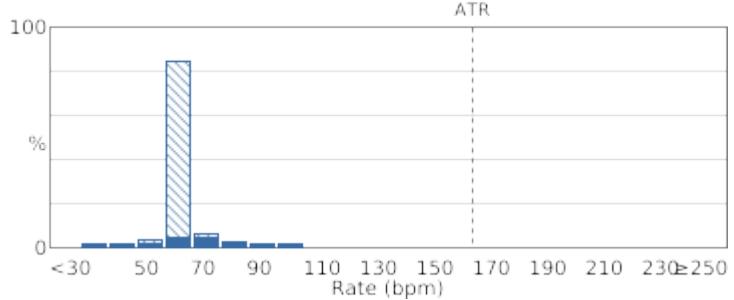
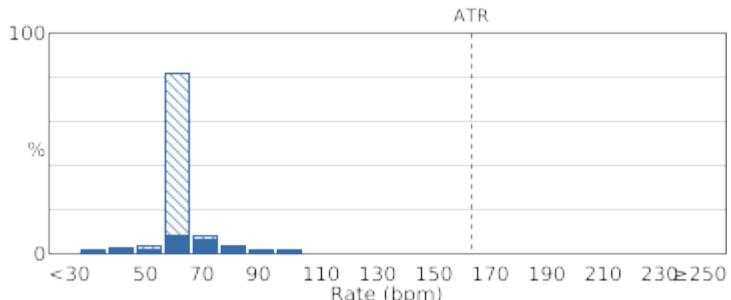
Histograms



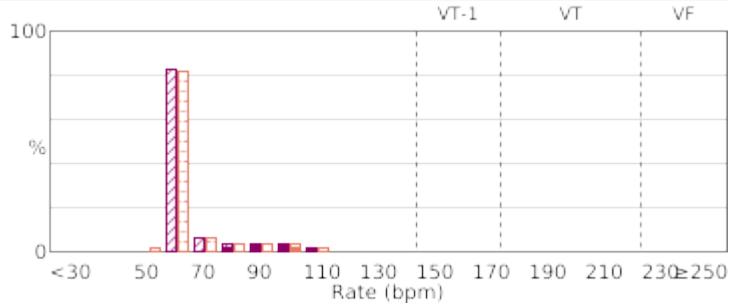
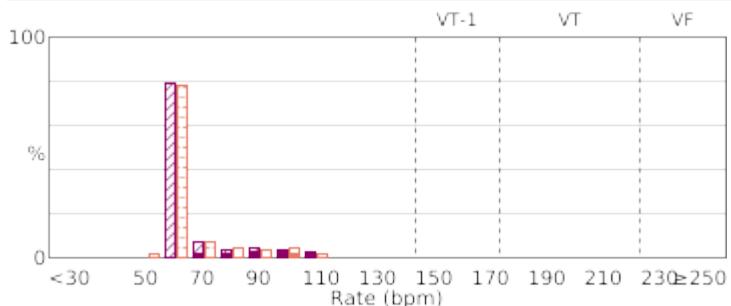
Reset Before Last
14 day(s)
May 13, 2025 to May 28, 2025

Since Last Reset
20 day(s)
May 28, 2025 to Jun 17, 2025

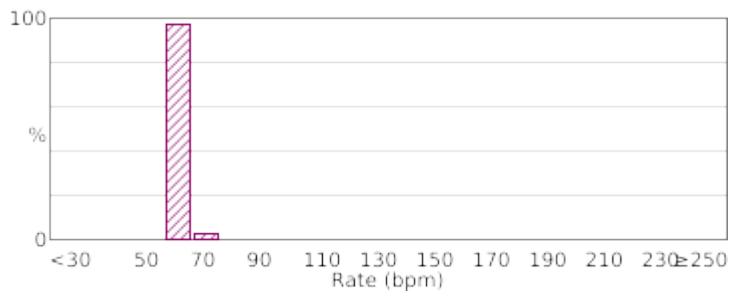
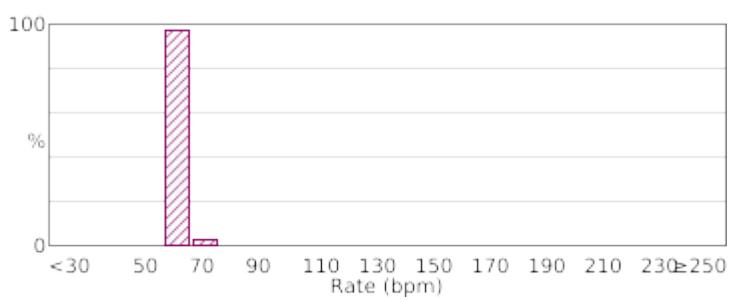
Atrial Activity



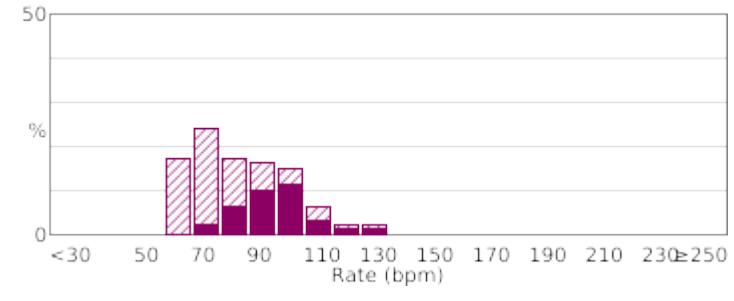
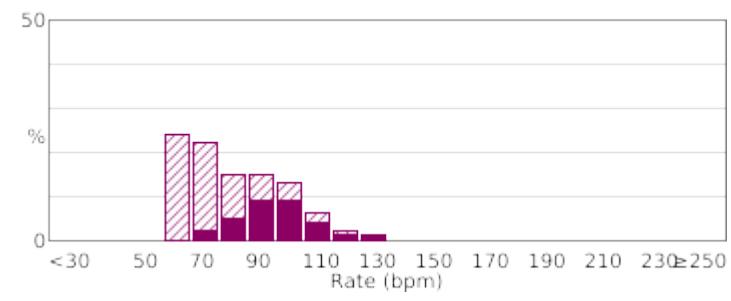
Ventricular Activity



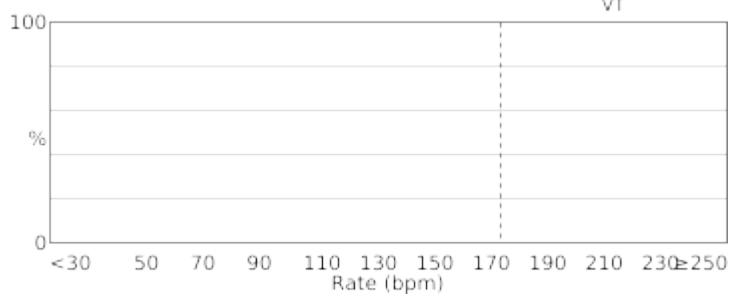
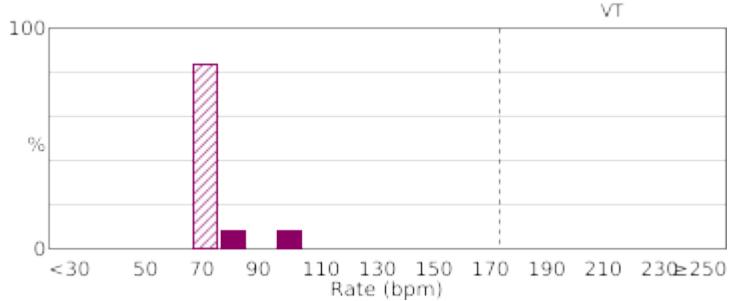
Ventricular Response to Atrial Pace



Ventricular Response to Atrial Sense



RV Rate during AT/AF



Histogram Rate Counts

Atrial	Reset Before Last 14 day(s)		Since Last Reset 20 day(s)	
	May 13, 2025 to May 28, 2025		May 28, 2025 to Jun 17, 2025	
Rate (bpm)	Paced	Sensed	Paced	Sensed
0-29	0	988	0	1.2K
30-39	0	6.5K	0	10.2K
40-49	18	19.3K	15	23.1K
50-59	27.9K	18.0K	26.9K	14.2K
60-69	939.4K	102.8K	1.4M	74.2K
70-79	25.5K	72.6K	35.1K	75.7K
80-89	611	33.6K	1.2K	36.9K
90-99	222	15.3K	115	17.0K
100-109	25	6.6K	21	9.3K
110-119	4	4.0K	11	5.9K
120-129	0	2.4K	0	3.5K
130-139	0	929	0	2.0K
140-149	0	729	0	1.2K
150-159	0	421	0	614
160-169	0	272	0	397
170-179	0	157	0	214
180-189	0	106	0	104
190-199	0	58	0	49
200-209	0	27	0	27
210-219	0	10	0	7
220-229	0	5	0	9
230-239	0	2	0	4
240-249	0	1	0	1
>=250	0	5	0	4
Right Ventricular	Reset Before Last 14 day(s)		Since Last Reset 20 day(s)	
	May 13, 2025 to May 28, 2025		May 28, 2025 to Jun 17, 2025	
Rate (bpm)	Paced	Sensed	Paced	Sensed
0-29	0	0	0	0
30-39	0	0	0	0
40-49	12	0	13	0
50-59	3.9K	5	5.0K	1
60-69	1.1M	3.6K	1.5M	5.2K
70-79	91.6K	7.1K	107.4K	9.4K
80-89	35.0K	18.3K	41.8K	22.6K
90-99	22.5K	31.6K	23.6K	35.9K
100-109	15.4K	32.2K	16.1K	38.5K
110-119	8.2K	15.3K	9.2K	12.7K
120-129	3.4K	4.1K	4.0K	3.7K
130-139	1.2K	2.2K	2.6K	1.9K
140-149	0	1.3K	0	1.2K
150-159	0	680	0	589
160-169	0	389	0	373
170-179	0	217	0	224
180-189	0	134	0	174
190-199	0	66	0	171
200-209	0	30	0	95
210-219	0	15	0	43
220-229	0	16	0	12
230-239	0	5	0	4
240-249	0	3	0	3
>=250	0	0	0	1

Left Ventricular	Reset Before Last 14 day(s)			Since Last Reset 20 day(s)	
	May 13, 2025 to May 28, 2025			May 28, 2025 to Jun 17, 2025	
	Rate (bpm)	Paced	Sensed	Paced	Sensed
0-29	0	88		0	0
30-39	2	14		0	0
40-49	57	8		68	2
50-59	11.7K	17		15.3K	9
60-69	1.1M	2.9K		1.5M	3.9K
70-79	97.7K	1.7K		115.3K	2.4K
80-89	51.2K	1.4K		60.9K	2.3K
90-99	46.5K	4.1K		51.1K	6.5K
100-109	40.6K	8.7K		44.4K	10.0K
110-119	21.1K	4.7K		19.5K	5.5K
120-129	7.0K	2.9K		7.1K	3.0K
130-139	1.6K	1.3K		2.9K	1.2K
140-149	106	554		117	534
150-159	4	202		3	232
160-169	0	95		0	191
170-179	0	77		0	115
180-189	0	23		0	57
190-199	0	9		0	17
200-209	0	4		0	4
210-219	0	0		0	1
220-229	0	2		0	2
230-239	0	0		0	1
240-249	0	0		0	0
>=250	0	0		0	0
Reset Before Last 14 day(s)			Since Last Reset 20 day(s)		
May 13, 2025 to May 28, 2025			May 28, 2025 to Jun 17, 2025		
Rate (bpm)	Paced	Sensed	Paced	Sensed	
0-29	0	0	0	0	0
30-39	0	0	0	0	0
40-49	0	0	0	0	0
50-59	0	0	0	0	0
60-69	0	0	0	0	0
70-79	10	0	0	0	0
80-89	0	1	0	0	0
90-99	0	0	0	0	0
100-109	0	1	0	0	0
110-119	0	0	0	0	0
120-129	0	0	0	0	0
130-139	0	0	0	0	0
140-149	0	0	0	0	0
150-159	0	0	0	0	0
160-169	0	0	0	0	0
170-179	0	0	0	0	0
180-189	0	0	0	0	0
190-199	0	0	0	0	0
200-209	0	0	0	0	0
210-219	0	0	0	0	0
220-229	0	0	0	0	0
230-239	0	0	0	0	0
240-249	0	0	0	0	0
>=250	0	0	0	0	0

Heart Rate Variability

Last Measured:

Data unavailable

Reference:

Data unavailable

Presenting EGM (Jun 17, 2025)

EGM displayed at 25mm per second



AP	AP 1000	AP 1000	AP-Sr 983	AP-Sr 985	AP-Sr 983	A
LVP 0	LVP 0	LVP 0	LVP-Sr 0	LVP-Sr 0	LVP-Sr 0	LVP-Sr 0
RVP	RVP 1000	RVP 1000	RVP-Sr 983	RVP-Sr 983	RVP-Sr 983	RVP-Sr 983



| AP-Sr 183 | AP-Sr 983 |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| LVP-Sr
0 |
| RVP-Sr
983 |



AP-Sr 983	AP-Sr 983	AP-Sr 983	AP-Sr 983	AP-Sr 983	AP 998	AP 1000
LVP-Sr 0	LVP-Sr 0	LVP-Sr 0	LVP-Sr 0	LVP-Sr 0	LVP 0	LVP 0
RVP-Sr 983	RVP-Sr 983	RVP-Sr 983	RVP-Sr 983	RVP-Sr 983	RVP 1000	RVP 1000



| AP
1000 |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| LVP
0 |
| RVP
1000 |



AP	1000	AP	1000	AP	1000
LVP	0	LVP	0	LVP	0
RVP	1000	RVP	1000	RVP	1000

All Events Since Last Reset (May 28, 2025)

Jun 17, 2025 09:25 RA Auto
 Jun 11, 2025 06:24 RA Auto
 Jun 05, 2025 13:33 NonSustV at 181 bpm, Nonsustained
 Jun 04, 2025 07:21 RA Auto
 May 30, 2025 16:12 NonSustV at 169 bpm, Nonsustained
 Total Events: 2 NonSustV

Battery (Continued)

Last Delivered Shock	N/R	Time Since Implant	1 month
Energy	N/R	Charge Remaining	2.02 ampere-hours
Charge Time	N/R	Power Consumption	85 μ W
Shock Impedance	N/R	(Measured with programmed parameters)	
Beep when Explant is Indicated	On	This device is using 170% of the power it would use at the following parameters:	
	● A	15% pacing, 70 ppm, 2.5 V, 0.4 ms, 500 Ω	
	■ RV	100% pacing, 70 ppm, 2.5 V, 0.4 ms, 700 Ω	
	◆ LVa	100% pacing, 70 ppm, 3.5 V, 0.4 ms, 700 Ω	
	◆ LVb	Off	

Boston
Scientific

Date of Birth: [REDACTED]
 Device: RESONATE HF CRT-D
 Clinic: [REDACTED]
 Search Tags:
 Tachy Mode: Monitor + Therapy

Latest Device Transmission: [REDACTED]
 Last Office Interrogation: [REDACTED]
 Implant: [REDACTED]
 Patient Group: CRT-D/ICD (Primary)

Presenting EGM (Jun 17, 2025)

EGM displayed at 25mm per second



	AP	AP 1000	AP 1000	AP-Sr 983	AP-Sr 985	AP-Sr 983	A
LVP	0	0	0	0	0	0	S
RVP	1000	1000	1000	983	983	983	



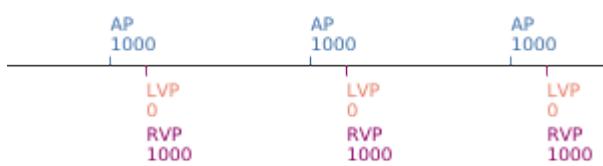
	AP-Sr 183	AP-Sr 983					
LVP-Sr	0	0	0	0	0	0	0
RVP-Sr	983	983	983	983	983	983	983



AP-Sr 983	AP-Sr 983	AP-Sr 983	AP-Sr 983	AP-Sr 983	AP 998	AP 1000
LVP-Sr 0	LVP-Sr 0	LVP-Sr 0	LVP-Sr 0	LVP-Sr 0	LVP 0	LVP 0
RVP-Sr 983	RVP-Sr 983	RVP-Sr 983	RVP-Sr 983	RVP-Sr 983	RVP 1000	RVP 1000

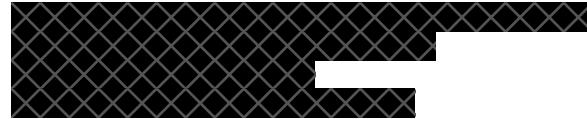


| AP
1000 |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| LVP
0 |
| RVP
1000 |





Date of Birth: [REDACTED]
 Device: RESONATE HF CRT-D
 Clinic: [REDACTED]
 Search Tags:
 Tachy Mode: Monitor + Therapy



My Alerts

There are no alerts to display.

HeartLogic™ Heart Failure Index



The HeartLogic Heart Failure Index alert is currently disabled.

Trend Graphs



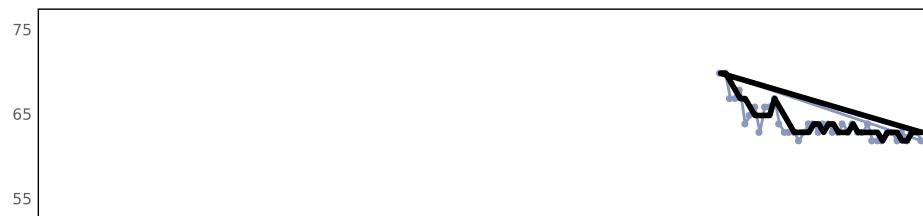
● Daily Value

3 Day Average

Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

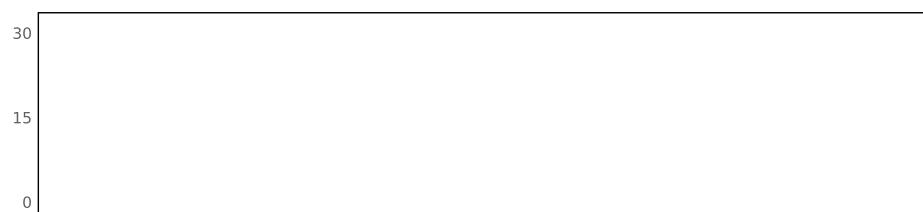
Night Heart Rate

Jun 16, 2025
62
bpm



Sleep Incline

Jun 16, 2025
Insufficient
degrees



Activity Level

Jun 17, 2025
0.9
hour(s)



AT/AF Burden

Jun 17, 2025
0.0
hour(s)



V Therapy

Jun 17, 2025
N/R
N/R
bpm



RV Rate during AT/AF

Max
Mean

Mean Heart Rate

Jun 17, 2025
63
bpm



% LV Paced

Jun 17, 2025
99
%

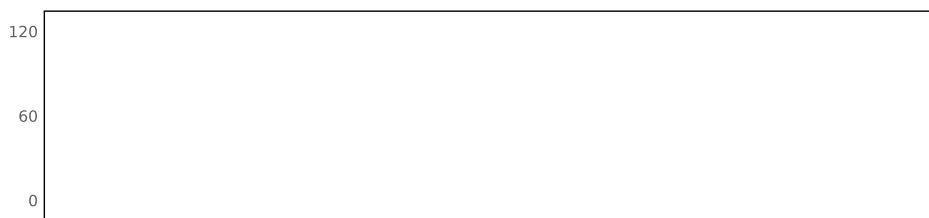


Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

● Daily Value

3 Day Average

Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

Heart Rate Variability
(SDANN)Jun 17, 2025
Insufficient
ms

Jan 01, 2025 Feb 01, 2025 Mar 01, 2025 Apr 01, 2025 May 01, 2025 Jun 01, 2025

Battery OKApproximate time to explant: **6.5 years** from Jun 17, 2025

Trend Data

Date	HeartLogic Heart Failure Index	S3 (mG)	S1 (mG)	Thoracic Impedance (Ω)	Respiratory Rate (rpm)	Night Heart Rate (bpm)	Sleep Incline (degrees)	Activity Level (hour(s))	AT/AF Burden (hour(s), events)
Jun 17, 2025					18.3			0.9	0.0, 0
Jun 16, 2025	10	0.77	1.90	35.1	16.3	62	N/R	1.7	0.0, 0
Jun 15, 2025	8	0.76	1.83	35.4	17.0	63	N/R	1.5	0.0, 0
Jun 14, 2025	6	0.71	1.91	35.7	17.8	63	N/R	2.5	0.0, 0
Jun 13, 2025	3	0.75	2.38	35.9	17.5	62	N/R	1.4	0.0, 0
Jun 12, 2025	3	0.69	2.01	36.1	17.3	63	N/R	1.7	0.0, 0
Jun 11, 2025	N/R	0.69	1.98	36.3	17.0	62	N/R	1.7	0.0, 0
Jun 10, 2025	N/R	0.81	1.93	37.0	16.8	63	N/R	1.9	0.0, 0
Jun 09, 2025	N/R	0.69	2.02	37.0	16.3	63	N/R	1.3	0.0, 0
Jun 08, 2025	N/R	0.78	1.99	36.8	19.3	62	N/R	1.5	0.0, 0
Jun 07, 2025	N/R	0.72	2.52	38.1	17.3	62	N/R	2.5	0.0, 0
Jun 06, 2025	N/R	0.68	2.67	38.8	17.5	62	N/R	1.9	0.0, 0
Jun 05, 2025	N/R	0.70	2.64	39.2	18.5	64	N/R	0.8	0.0, 0
Jun 04, 2025	N/R	0.65	2.50	37.5	18.8	63	N/R	1.0	0.0, 0
Jun 03, 2025	N/R	0.69	2.45	36.9	17.8	63	N/R	1.3	0.0, 0
Jun 02, 2025	N/R	0.59	2.61	36.1	19.3	64	N/R	1.5	0.0, 0
Jun 01, 2025	N/R	0.60	2.69	35.9	20.0	63	N/R	1.0	0.0, 0
May 31, 2025	N/R	0.63	2.65	35.8	15.8	64	N/R	1.4	0.0, 0
May 30, 2025	N/R	0.70	2.41	35.2	18.5	63	N/R	1.0	0.0, 0
May 29, 2025	N/R	0.62	2.48	34.9	16.3	63	N/R	1.7	0.0, 0
May 28, 2025	N/R	N/R	N/R	N/R	17.3	64	N/R	1.2	0.0, 0
May 27, 2025	N/R	0.68	2.28	34.6	16.8	64	N/R	0.9	0.0, 0
May 26, 2025	N/R	0.65	2.23	34.7	16.3	63	N/R	1.4	0.0, 0
May 25, 2025	N/R	0.64	2.50	34.7	18.5	64	N/R	2.0	0.0, 0
May 24, 2025	N/R	0.66	2.27	35.3	16.3	64	N/R	1.1	0.0, 0
May 23, 2025	N/R	0.63	2.55	35.5	15.3	63	N/R	1.0	0.0, 0
May 22, 2025	N/R	0.65	2.53	35.6	16.3	62	N/R	1.4	0.0, 0
May 21, 2025	N/R	0.61	2.87	36.2	17.3	63	N/R	1.3	0.0, 1
May 20, 2025	N/R	0.62	3.21	36.4	18.3	63	N/R	1.8	0.0, 0
May 19, 2025	N/R	0.63	2.93	37.0	17.3	63	N/R	1.3	0.0, 0

Date	RV Rate during AT/AF (max, mean) (bpm)	Mean Heart Rate (bpm)	% LV Paced (%)	Heart Rate Variability (SDANN) (ms)
Jun 17, 2025	N/R, N/R	63	99	N/R
Jun 16, 2025	N/R, N/R	65	98	N/R
Jun 15, 2025	N/R, N/R	64	98	N/R
Jun 14, 2025	N/R, N/R	66	98	N/R
Jun 13, 2025	N/R, N/R	63	98	N/R
Jun 12, 2025	N/R, N/R	66	97	N/R
Jun 11, 2025	N/R, N/R	64	98	N/R
Jun 10, 2025	N/R, N/R	65	98	N/R
Jun 09, 2025	N/R, N/R	64	98	N/R
Jun 08, 2025	N/R, N/R	64	98	N/R
Jun 07, 2025	N/R, N/R	68	98	N/R
Jun 06, 2025	N/R, N/R	67	98	N/R
Jun 05, 2025	N/R, N/R	64	98	N/R
Jun 04, 2025	N/R, N/R	64	98	N/R
Jun 03, 2025	N/R, N/R	64	98	N/R
Jun 02, 2025	N/R, N/R	67	98	N/R
Jun 01, 2025	N/R, N/R	64	98	N/R
May 31, 2025	N/R, N/R	64	99	N/R
May 30, 2025	N/R, N/R	64	99	N/R
May 29, 2025	N/R, N/R	65	98	N/R
May 28, 2025	N/R, N/R	65	98	N/R
May 27, 2025	N/R, N/R	64	98	N/R
May 26, 2025	N/R, N/R	64	98	N/R
May 25, 2025	N/R, N/R	67	97	N/R
May 24, 2025	N/R, N/R	65	97	N/R
May 23, 2025	N/R, N/R	64	98	N/R
May 22, 2025	N/R, N/R	64	98	N/R
May 21, 2025	N/R, 73	64	98	N/R
May 20, 2025	N/R, N/R	66	98	N/R
May 19, 2025	N/R, N/R	66	98	N/R



Date of Birth: [REDACTED]
Device: RESONATE HF CRT-D
Clinic: [REDACTED]
Search Tags:
Tachy Mode: Monitor + Therapy

Events Since: Last Reset

Event Type: All Events

Maximum of 250 episodes shown

Event	Date/Time	Type	Therapy	Duration hh:mm:ss
RAAT-50	Jun 17, 2025 09:25	RA Auto		-----
RAAT-43	Jun 11, 2025 06:24	RA Auto		-----
V-5	Jun 05, 2025 13:33	NonSustV	Nonsustained	00:00:13
RAAT-35	Jun 04, 2025 07:21	RA Auto		-----
V-4	May 30, 2025 16:12	NonSustV	Nonsustained	00:00:14

Boston
Scientific**Programming**Last Programmed
Ventricular Tachy ModeMay 28, 2025
May 05, 2025 Changed to Monitor + Therapy
May 05, 2025 Changed to Off**Ventricular Tachy****VF 230 bpm (261 ms)****Detection/Redetection**Initial Duration
Redetection Duration
Post-Shock Duration2.5 s QUICK CONVERT™ ATP On
1.0 s Shock 1 41 J
1.0 s Shock 2 41 J
Additional 41 J Shocks 6**VT 180 bpm (333 ms)****Detection/Redetection**Initial Duration
Redetection Duration
Post-Shock Duration12.0 s **ATP1** Scan
1.0 s Number of Bursts 3
1.0 s Pulses per Burst
1.0 s Initial
1.0 s Increment 10
Rhythm ID On Coupling Interval
On Decrement
Off Burst Cycle Length 0
On Ramp Decrement
Off Scan Decrement
On Minimum Interval 81 %
On **ATP2**
60 ppm **ATP Time-out** 10 ms
Shocks
On Shock 1 81 %
170 bpm Shock 2 0 ms
20 ms Shock 3-6 10 ms
94 % **Off** 220 ms**VT-1 150 bpm (400 ms)****Detection/Redetection**Initial Duration
Redetection Duration
Post-Shock Duration30.0 s **ATP1** Off
1.0 s **ATP2** Off
1.0 s **Shocks**
1.0 s Shock 1 Off
Rhythm ID On Shock 2
On Shock 3-5 Off
Off
On
60 ppm
On
170 bpm
20 ms
94 %**Enhancements****Initial Detection**

Sustained Rate Duration

Post-Shock Detection**Rhythm ID Setup**Ambulatory Update
Temporary LRL**Common Parameters**Atrial Tachy Discrimination
AFib Rate Threshold
Stability
RhythmMatch™ Threshold**Ventricular Tachy Therapy Setup****ATP**RV ATP Amplitude
RV ATP Pulse Width
LV ATP Amplitude
LV ATP Pulse Width
Magnet and Beeper7.5 V Shock (All Shocks)
2.0 ms Waveform
5.0 V Committed Shock
1.0 ms Lead Polarity
RV Coil to Can Initial

Magnet Response
Beep During Capacitor Charge

Inhibit Therapy
Off

Atrial Tachy

Therapy

ATR Mode Switch Details

ATR Mode Switch	On
Trigger Rate	170 bpm
Duration	8 cycles
Entry Count	8 cycles
Exit Count	8 cycles
Fallback	
Mode	DDIR
Time	00:30 mm:ss
ATR/VTR Fallback LRL	70 ppm
Ventricular Rate Regulation	Min
BiV Trigger	On
Maximum Pacing Rate	130 ppm

Atrial Tachy Response

Atrial Flutter Response	On
Trigger Rate	170 bpm
PMT Termination	On

Ventricular Regulation

BiV Trigger	On
-------------	----

Brady/CRT

Normal Settings

Mode
Lower Rate Limit
Maximum Tracking Rate
Maximum Sensor Rate
Paced AV Delay
Sensed AV Delay
A-Refractory (PVARP)
RV-Refractory (RVRP)
LV-Refractory (LVRP)
Ventricular Pacing Chamber
LV Offset
PVARP after PVC
LV Protection Period

Blanking

A-Blank after V-Pace
A-Blank after RV-Sense
RV-Blank after A-Pace
LV-Blank after A-Pace

Noise Response

Rate Enhancements

Rate Smoothing

Up
Down

Tracking Preference

PaceSafe™ LV Automatic Threshold

Maximum Amplitude
Safety Margin

DDD	Pacing Output	
60 ppm	● Atrial	Trend 3.5 V @ 0.4 ms
130 ppm	■ Right Ventricular	3.5 V @ 1.0 ms
130 ppm	◆ Left Ventricular (LVa)	Trend 3.5 V @ 0.4 ms
120 - 180 ms	◆ Left Ventricular (LVb)	Off
80 - 120 ms		
300 - 350 ms		AGC 0.25 mV
230 - 250 ms		AGC 0.6 mV
250 ms		AGC 1.0 mV
BiV		
0 ms		
400 ms		Bipolar
400 ms		Bipolar
Smart		
Smart		
65 ms		
Smart		
DOO		
Off	Right Ventricular	
Off	Pace	
On	Sense	
	■ Right Ventricular	
	Pace	
	Sense	
	◆ Left Ventricular	
	Electrode Configuration	
	Pace (LVa)	Quadripolar
	Pace (LVb)	LVRing2>>LVRing3
	Sense	Off
		LVTip1>>LVRing2
	Rate Adaptive Pacing	
	Minute Ventilation	On
	Response Factor	8
	Fitness Level	Active
	Ventilatory Threshold	105 ppm
	Ventilatory Thresh. Response	85 %
	Accelerometer	On
	Response Factor	8
	Activity Threshold	Medium
	Reaction Time	30 s
	Recovery Time	2 min
	Minute Ventilation Sensor Settings	
	Minute Ventilation Sensor	On
	Excitation Current	320 μ A
	Vector Selection	Auto Select
	Signal Artifact Monitor	On
	LV MultiSite Pacing	
	Pacing Order	Off

Post-Therapy Settings

Lower Rate Limit

60 ppm Post Therapy Period

00:30 mm:ss

Output

● **Atrial**
■ **Right Ventricular**
◆ **Left Ventricular**

Note: Post Therapy pacing uses the Brady Normal settings in combination with settings shown in this section.

Setup**Battery Setup****Beeper**

Beep when Explant is Indicated On

Trending Setup

Recording Method	30 Second Average
Duration	25 hours
Data Storage	Continuous

Sensor Activation

Heart Failure Sensor Suite	On
Sleep Incline	On

Sleep Schedule

Sleep Start Time	23:00 hh:mm
Sleep Duration	7 hour(s)

Leads Status Setup

	Daily Intrinsic Amplitude	Daily Impedance	Impedance Limits	Pace Threshold	Beep When Out-of-Range
● Atrial	On	On	200 - 2000 Ω	On	Off
■ Right Ventricular	On	On	200 - 2000 Ω	Off	Off
◆ Left Ventricular	On	On	200 - 2000 Ω	On	Off
Shock		On	20 - 125 Ω		Off

Beeper

Beeper Type	Piezo
Note: The Piezo beeper is designed to withstand the strong magnetic fields associated with MRI scanners without being damaged.	
Beeper	On

Boston
Scientific

Date of Birth: [REDACTED]
 Device: RESONATE HF CRT-D
 Clinic: [REDACTED]
 Search Tags:
 Tachy Mode: Monitor + Therapy

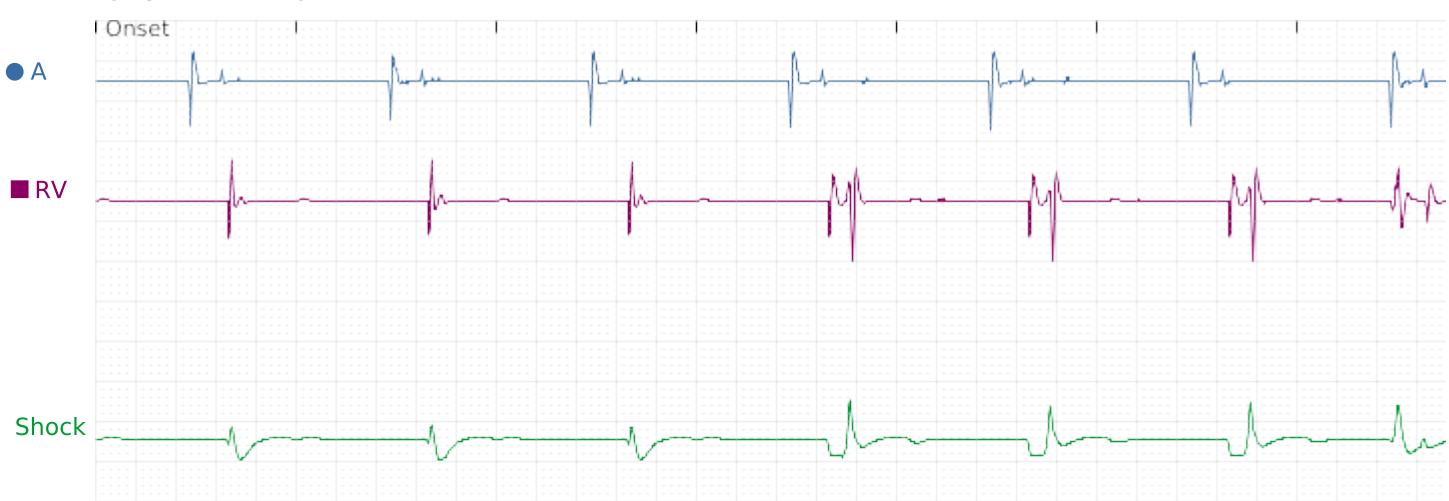
V-5: Jun 05, 2025 13:33, NonSustV, A Rate: 59 bpm, V Rate: 181 bpm

Detail**NonSustV Event Onset**

Avg A Rate 59 bpm
 Avg V Rate 181 bpm
 Detection Rhythm ID
 Template N/R
 RhythmMatch™ Threshold 94 %

Event Ended

00:00:13

EGM displayed at 25mm per second

AP	AP 1000	AP 1000					
LVP 0	LVP 0	LVP 0	LVP 0	LVP 0	LVP 0	LVP 0	LVPinh
RVP	RVP 1000	RVP 1000	RVP 1000	RVP 1000	RVP 1000	RVP 1000	IRV 100

● A



■ RV

	(AS) 785	(AS) 1263	(AS) 1013	AS 853	AS 910	AS 975	AS 910
-LVF	255	VT 313	VT 295	PVC 408	PVC 410	VT-1 370	VT-1 345
P	100	LVS 95	LVS 120	LVS 120	LVS 115	LVS 110	LVS 103
SV	100	LVS 95	LVS 120	LVS 120	LVS 110	LVS 110	LVS 103

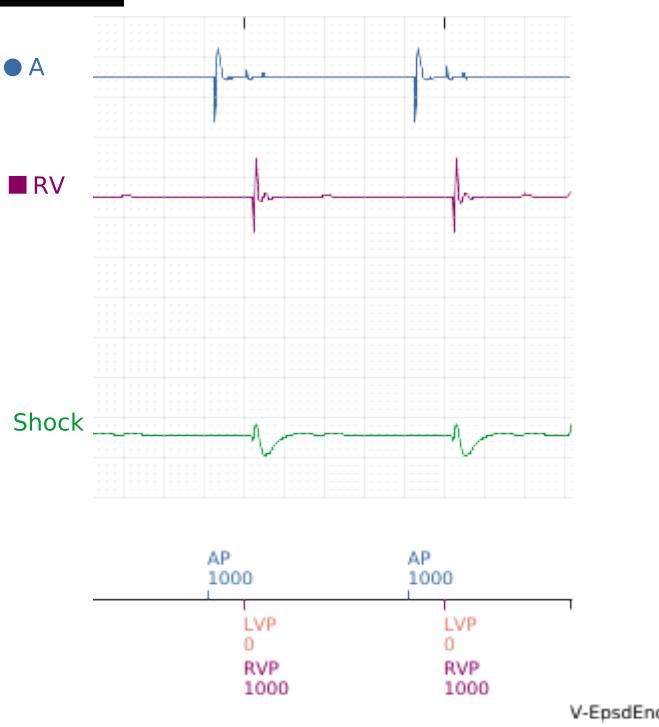
PVP→ PVP→ PVP→ V-Epsd PVP→ PVP→ PVP→

● A



■ RV

	AS 893	AP 1000	AP 933	AS 910	AP 1005	AP 935	AP 1000
LVP	0	LVP 0	LVP 0	LVP 0	LVP 0	LVP 0	LVP 0
RVP	885	RVP 1000	RVP 1000	RVP 850	RVP 1000	RVP 1000	RVP 1000



↑ > V Range
↑ > A Range

↓ < V Range
↓ < A Range

■ V Sense
● A Sense

□ V Pace
○ A Pace

