

LATITUDE™ Patient Management - Combined Follow-up Report

Report Created: 11 Aug 2025



Date of Birth:

Device: **MOMENTUM X4 CRT-D**
G138/381540

Clinic: **CHU Haut Leveque Bordeaux HOPIT**

Search Tags:

Tachy Mode: **Monitor + Therapy**

Latest Device Transmission: **12 May 2023 01:41 CEST**

Last Office Interrogation: **04 May 2023**

Implant Date: **18 Jan 2019**

Patient Group: **PATIENTS INACTIFS (Primary)**

My Alerts

11 May 2023 16:19



Atrial intrinsic amplitude out of range.

For Technical Support contact 1-800-CARDIAC (Americas) or your local Boston Scientific Representative.

Events Since Last Reset (26 Apr 2023)

30 Apr 2023 17:30

NonSustV at 169 min⁻¹, Nonsustained

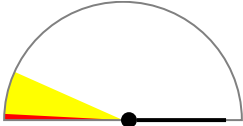
Battery 

Approximate time to explant: **8 years** from 12 May 2023

Last Capacitor Re-form Charge Time

02 Jan 2023 18:26
10.2 s

One Year Remaining

Explant 

See last page for additional battery information.

Leads	Implant (18 Jan 2019)	Most Recent In-Office Measurement (04 May 2023)	Most Recent Daily Measurement (11 May 2023)
Atrial			
Intrinsic Amplitude	N/R	N/R	N/R (10 May 2023)
Pace Impedance	N/R	649 Ω	625 Ω (10 May 2023)
Pace Threshold	N/R	1.7 V @ 0.4 ms (29 Sep 2021)	N/R
Right Ventricular			
Intrinsic Amplitude	N/R	N/R	3.9 mV (10 May 2023)
Pace Impedance	N/R	711 Ω	850 Ω (10 May 2023)
Pace Threshold	N/R	1.2 V @ 0.4 ms (24 Apr 2023)	N/R
Left Ventricular			
Intrinsic Amplitude	N/R	N/R	5.5 mV (10 May 2023)
Pace Impedance (LVa)	N/R	2532 Ω	540 Ω (10 May 2023)
Pace Impedance (LVb)		652 Ω	
Pace Threshold	N/R	3.2 V @ 1.0 ms (24 Apr 2023)	N/R
Shock			
Shock Impedance	N/R	58 Ω	56 Ω (10 May 2023)

Ventricular Tachy					
VF	230 min ⁻¹	ATP			41 J, 41 J, 41 Jx6
VT	160 min ⁻¹	Scan	Ramp		41 J, 41 J, 41 Jx4
VT-1	140 min ⁻¹	Monitor Only			
Brady/CRT		Pacing Output			
Mode		VVI	■ Right Ventricular		3.0 V @ 0.4 ms
Lower Rate Limit		50 min ⁻¹	◆ Left Ventricular (LVa)		4.0 V @ 1.0 ms
RV-Refractory (RVRP)		-- - 250 ms	◆ Left Ventricular (LVb)		Off
LV-Refractory (LVRP)		250 ms	Sensitivity		
Ventricular Pacing Chamber		BiV	● Atrial		AGC 0.15 mV
LV Offset		0 ms	■ Right Ventricular		AGC 0.6 mV
			◆ Left Ventricular		AGC 1.0 mV
			Leads Configuration (Pace/Sense)		
			● Atrial		Bipolar
			■ Right Ventricular		Bipolar
			◆ LVa (Pace)		LVRing4>>RV
			◆ LVb (Pace)		Off
			◆ LV (Sense)		LVRing2>>LVRing3
			Rate Adaptive Pacing		
			Minute Ventilation		Passive
			Accelerometer		Passive
			LV MultiSite Pacing		
			Pacing Order		Off
Rhythm ID Update					
Last Successful Completion					N/R

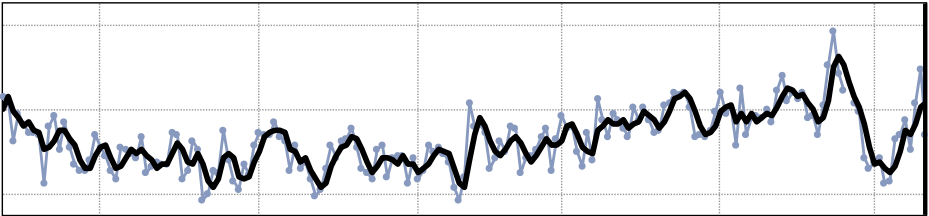
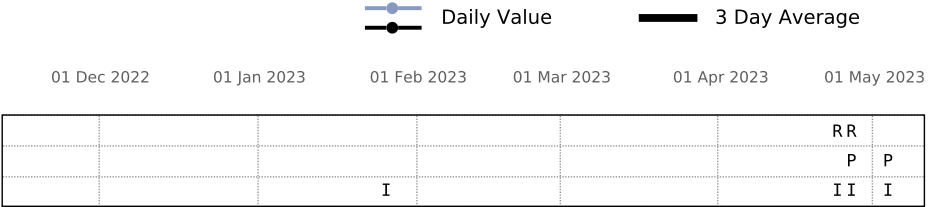
R = Counter Reset
P = Program
I = Office Interrogation

Thoracic Impedance

11 May 2023

35.8

Ω

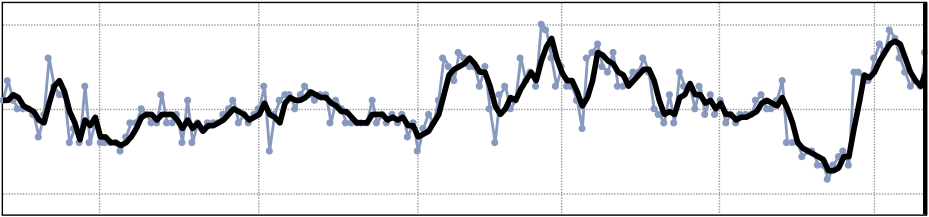


Respiratory Rate

11 May 2023

18.0

min⁻¹

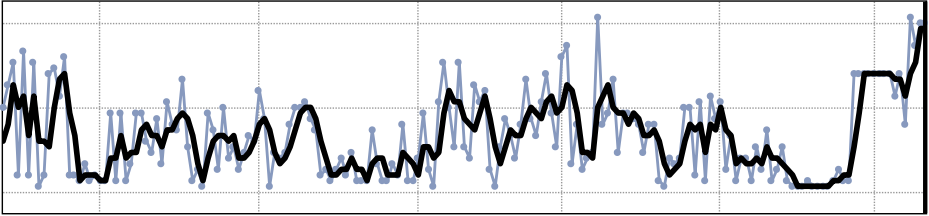


Night Heart Rate

11 May 2023

70

min⁻¹



Sleep Incline

11 May 2023

Insufficient

degrees

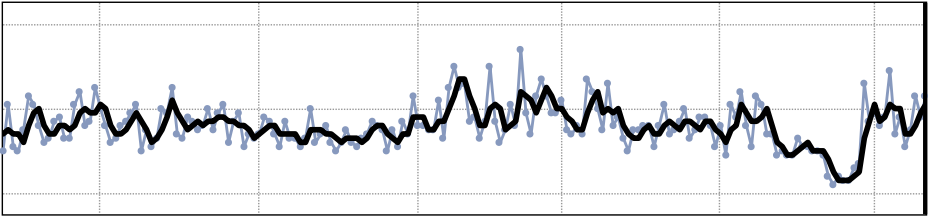


Activity Level

11 May 2023

2.3

hour(s)

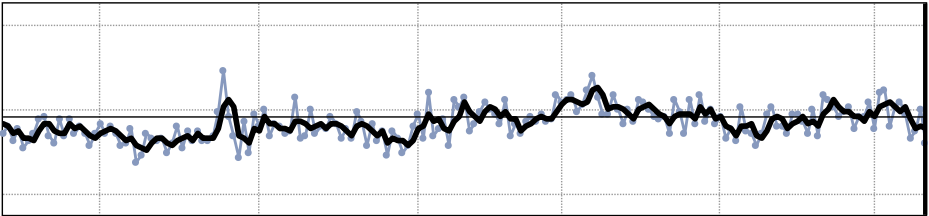


AP Scan™

11 May 2023

21

events/h

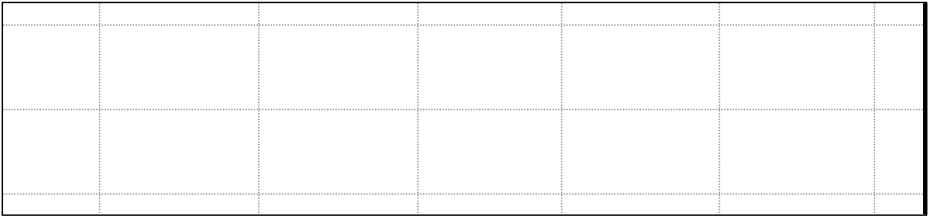


AT/AF Burden

11 May 2023

Off

hour(s)



01 May 2023

11 May 2023

 min^{-1} 

11 May 2023

88
76
62
min⁻¹



11 May 2023

0
5
4
%



11 May 2023

Insufficient
ms

11 May 2023

mV

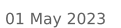
11 May 2023

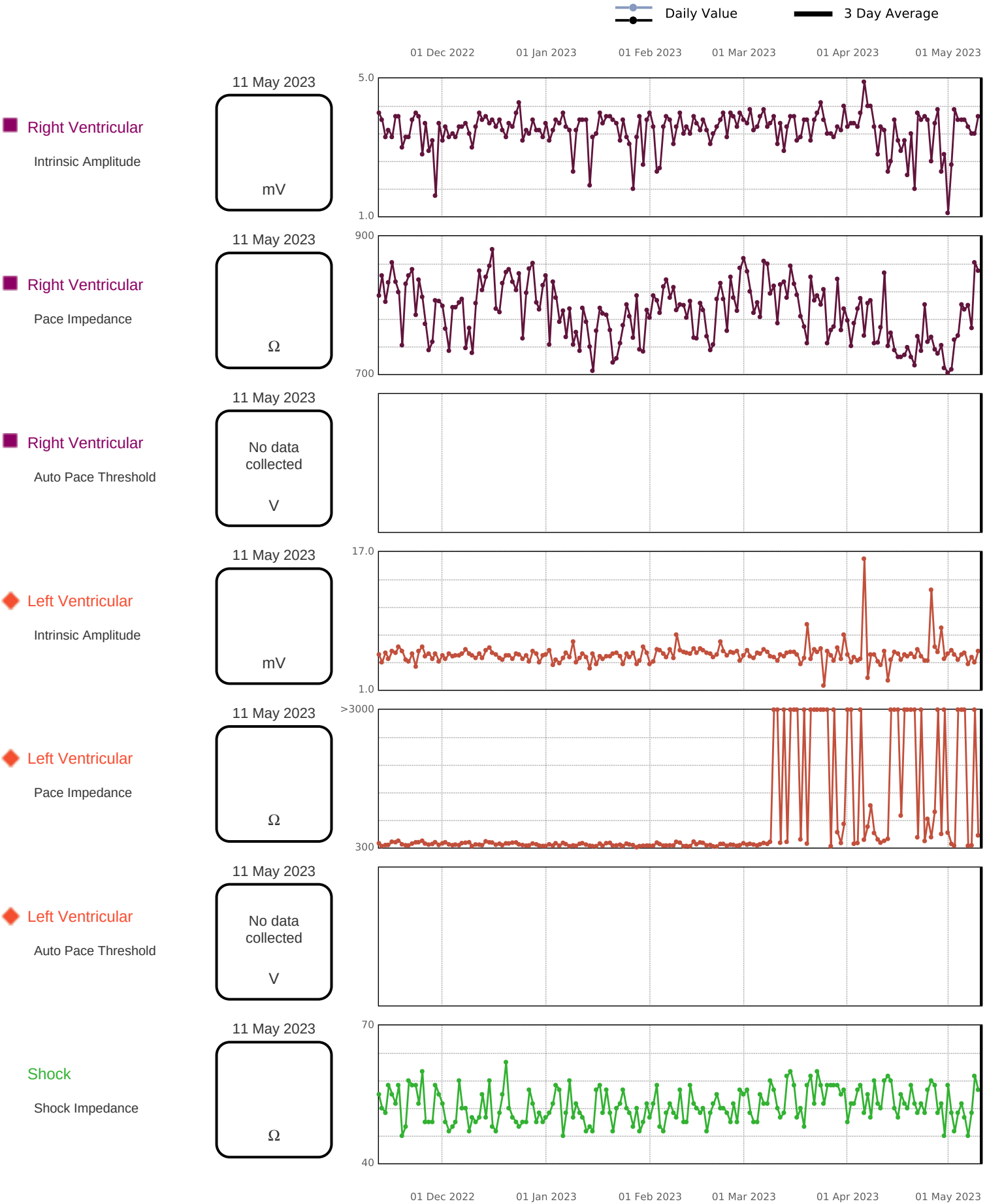
 Ω

11 May 2023

No data
collected

V





Ventricular Tachy Counters	Since Last Reset 26 Apr 2023	Device Totals
Ventricular Episode Counters		
Total Episodes	1	13
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
 NonsustainedV Episodes	1	13
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 0 day(s) 26 Apr 2023 to 26 Apr 2023	Since Last Reset 15 day(s) 26 Apr 2023 to 12 May 2023
Counters		
% A Paced	0	0
% RV Paced	89	43
% LVa Paced	85	42
% LVb Paced	0	0
Intrinsic Promotion		
Rate Hysteresis		
% Successful	0	0
Atrial Arrhythmia		
% AT/AF	N/R	N/R
Total Time in AT/AF	N/R	N/R
Episodes by Duration		
< 1 minute	0	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	0	0
Ventricular Counters		
Total PVCs	0	8
Three or More PVCs	0	1

Clinical Counters	Since Last Reset 26 Apr 2023	Device Totals
MRI Protection Mode	0	0

AT/AF Overview: Since Last Reset (26 Apr 2023 to 12 May 2023)

AT/AF: N/R % AT/AF Events: 0 Total Time in AT/AF: N/R
There are no ATR events to display.

AT/AF Overview: Reset Before Last (26 Apr 2023 to 26 Apr 2023)

There are no ATR events to display.

Histograms



Histogram Rate Counts

Atrial	Reset Before Last 0 day(s) 26 Apr 2023 to 26 Apr 2023		Since Last Reset 15 day(s) 26 Apr 2023 to 12 May 2023	
	Paced	Sensed	Paced	Sensed
Rate (min ⁻¹)				
0-29	0	0	0	1.9K
30-39	0	0	0	162
40-49	0	0	0	176
50-59	0	0	0	194
60-69	0	0	0	165
70-79	0	0	0	190
80-89	0	0	0	194
90-99	0	0	0	187
100-109	0	0	0	157
110-119	0	0	0	149
120-129	0	0	0	130
130-139	0	0	0	111
140-149	0	0	0	120
150-159	0	0	0	113
160-169	0	0	0	114
170-179	0	0	0	115
180-189	0	0	0	118
190-199	0	0	0	106
200-209	0	0	0	112
210-219	0	0	0	103
220-229	0	0	0	109
230-239	0	0	0	119
240-249	0	0	0	104
>=250	0	0	0	4.7K

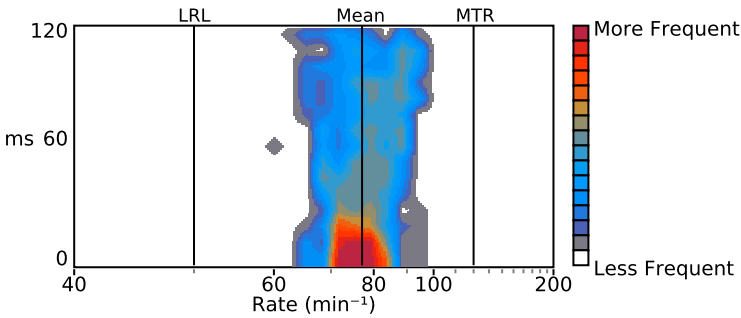
Right Ventricular	Reset Before Last 0 day(s) 26 Apr 2023 to 26 Apr 2023		Since Last Reset 15 day(s) 26 Apr 2023 to 12 May 2023	
	Paced	Sensed	Paced	Sensed
Rate (min ⁻¹)				
0-29	0	0	0	0
30-39	0	0	0	0
40-49	1.6K	114	1	4
50-59	0	62	74.3K	60.0K
60-69	58	13	563.8K	78.3K
70-79	0	12	4	461.4K
80-89	0	2	0	192.3K
90-99	0	0	0	21.0K
100-109	0	0	0	16.4K
110-119	0	0	0	10.1K
120-129	0	0	0	4.7K
130-139	0	0	0	1.8K
140-149	0	0	0	890
150-159	0	0	0	234
160-169	0	0	0	40
170-179	0	0	0	19
180-189	0	0	0	6
190-199	0	0	0	1
200-209	0	0	0	2
210-219	0	0	0	0
220-229	0	0	0	0
230-239	0	0	0	0
240-249	0	0	0	0
>=250	0	0	0	0

Left Ventricular	Reset Before Last 0 day(s)		Since Last Reset 15 day(s)	
	26 Apr 2023 to 26 Apr 2023		26 Apr 2023 to 12 May 2023	
	Rate (min ⁻¹)	Paced	Sensed	Paced
0-29	0	1	75	15
30-39	52	5	7.1K	3.6K
40-49	1.4K	109	14.9K	5.2K
50-59	17	95	74.0K	58.1K
60-69	69	50	506.3K	83.4K
70-79	14	38	9.9K	456.9K
80-89	10	20	908	187.3K
90-99	10	23	908	18.5K
100-109	8	27	877	15.0K
110-119	4	9	891	10.6K
120-129	5	10	1.0K	8.0K
130-139	5	8	993	6.3K
140-149	4	9	898	4.2K
150-159	1	10	87	3.5K
160-169	0	6	0	2.9K
170-179	0	7	0	2.5K
180-189	0	3	0	2.0K
190-199	0	1	0	1.8K
200-209	0	1	0	1.9K
210-219	0	4	0	1.5K
220-229	0	3	0	1.6K
230-239	0	2	0	1.2K
240-249	0	0	0	0
>=250	0	0	0	0

RV Rate during AT/AF	Reset Before Last 0 day(s)		Since Last Reset 15 day(s)	
	26 Apr 2023 to 26 Apr 2023		26 Apr 2023 to 12 May 2023	
	Rate (min ⁻¹)	Paced	Sensed	Paced
0-29	0	0	0	0
30-39	0	0	0	0
40-49	0	0	0	0
50-59	0	0	0	0
60-69	0	0	0	0
70-79	0	0	0	0
80-89	0	0	0	0
90-99	0	0	0	0
100-109	0	0	0	0
110-119	0	0	0	0
120-129	0	0	0	0
130-139	0	0	0	0
140-149	0	0	0	0
150-159	0	0	0	0
160-169	0	0	0	0
170-179	0	0	0	0
180-189	0	0	0	0
190-199	0	0	0	0
200-209	0	0	0	0
210-219	0	0	0	0
220-229	0	0	0	0
230-239	0	0	0	0
240-249	0	0	0	0
>=250	0	0	0	0

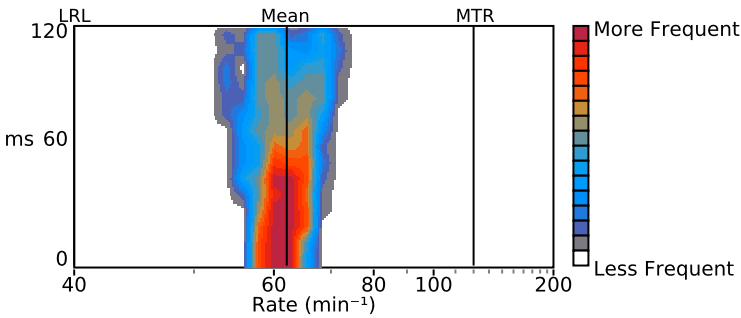
Last measured for 24-hr period ending 10 May 2023 13:50

% of Time Used	69
Footprint	18 %
SDANN	19 ms
Mode	VVI
Sensed AV Delay	220 ms
Ventricular Pacing Chamber	BiV
LV Offset	0 ms



Reference: 24-hr period ending 09 May 2021 14:19

% of Time Used	71
Footprint	13 %
SDANN	14 ms
Mode	VVI
Sensed AV Delay	220 ms
Ventricular Pacing Chamber	BiV
LV Offset	0 ms



EGM displayed at 25mm per second



LVS	LVS 770	LVS 763	LVS 763	LVS 770	LVS 768	LVS 773	LVP 0
RVS	RVS 800	RVS 793	RVS 798	RVS 803	RVS 798	RVS 803	RVP 1200



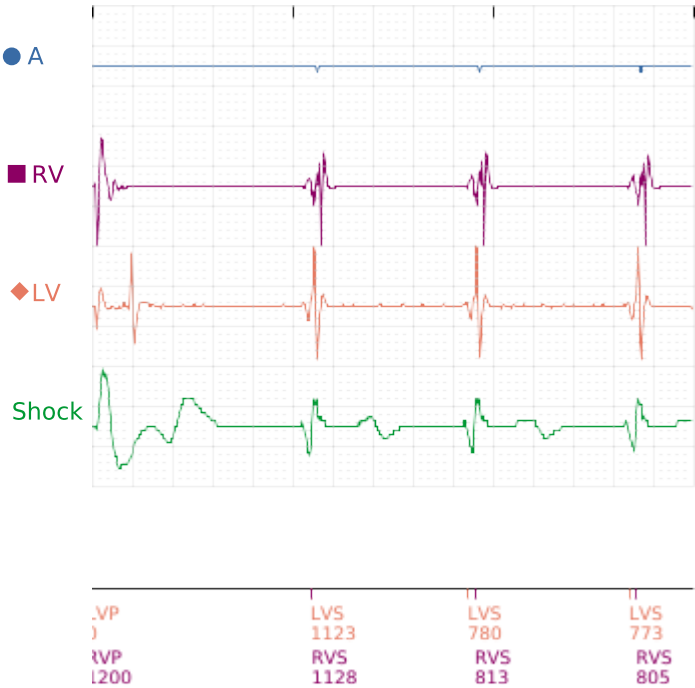
LVS 1118	LVS 780	LVS 770	LVS 760	LVS 765	LVS 770	LVS 768	LVS 780
RVS 1123	RVS 813	RVS 800	RVS 793	RVS 798	RVS 803	RVS 798	RVS 810



Channel	Value
LVP	0
RVP	1200
LVS	1108
RVS	1113
LVS	783
RVS	813
LVS	775
RVS	805
LVS	765
RVS	795
LVS	770
RVS	803
LVS	813
RVS	845



Channel	Value
LVS	1168
RVS	1198
LVS	1003
RVS	1033
LVS	805
RVS	835
LVS	783
RVS	815
LVS	775
RVS	808
LVS	765
RVS	798
LVS	778
RVS	808



Battery (Continued)

Last Delivered Shock	N/R	Time Since Implant	52 months
Energy	N/R	Charge Remaining	1.41 ampere-hours
Charge Time	N/R	Power Consumption	48 μW
Shock Impedance	N/R	(Measured with programmed parameters)	
Beep when Explant is Indicated	On	This device is using 96% of the power it would use at the following parameters:	
		● A	15% pacing, 70 min ⁻¹ , 2.5 V, 0.4 ms, 500 Ω
		■ RV	100% pacing, 70 min ⁻¹ , 2.5 V, 0.4 ms, 700 Ω
		◆ LVa	100% pacing, 70 min ⁻¹ , 3.5 V, 0.4 ms, 700 Ω
		◆ LVb	Off