

LATITUDE™ Patient Management - Combined Follow-up Report

Report Created: 01 Sep 2025



Date of Birth:

Device: **VISIONIST X4 CRT-P U228/721737**

Clinic: **CHU Haut Leveque Bordeaux HOPIT,**

Search Tags:

Latest Device Transmission: **02 Oct 2023 02:41 CEST**

Last Office Interrogation: **28 Jun 2023**

Implant Date: **31 Oct 2018**

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

My Alerts

There are no alerts to display.

Events Since Last Reset (31 Oct 2018)

01 Oct 2023 23:47RV Auto

24 Sep 2023 23:48RV Auto

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

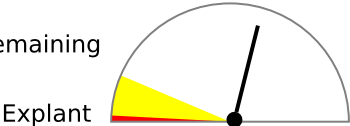
Battery

OK

Approximate time to explant: **4.5 years** from 02 Oct 2023

Magnet Rate100 min⁻¹

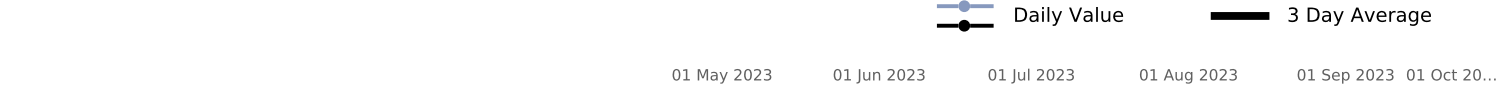
One Year Remaining



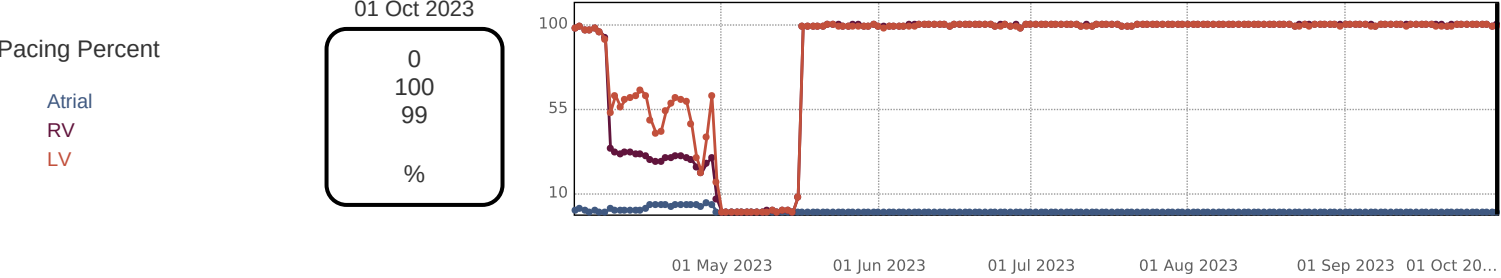
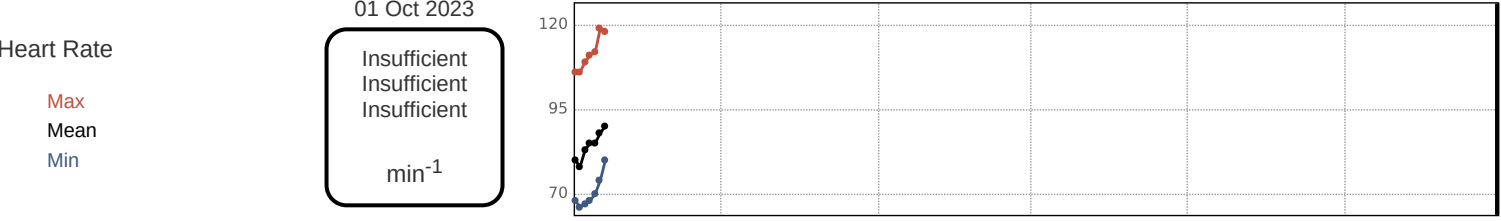
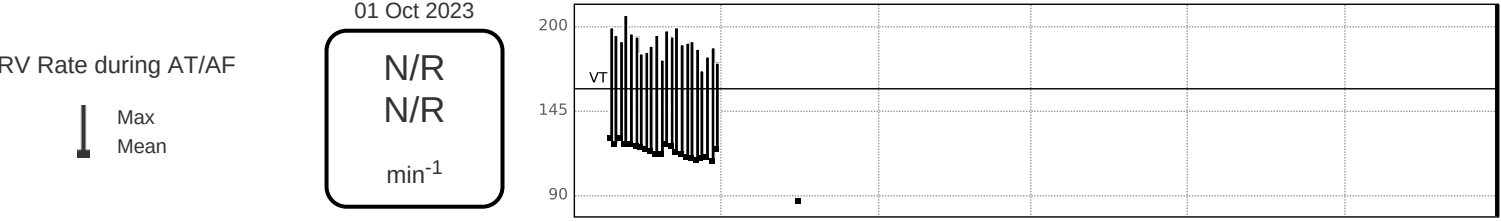
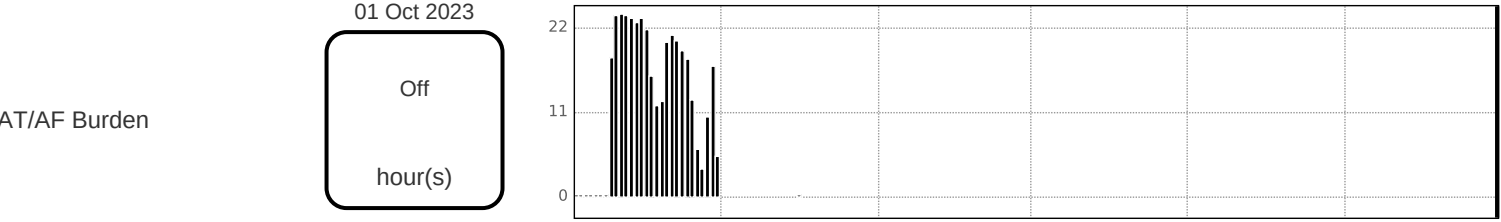
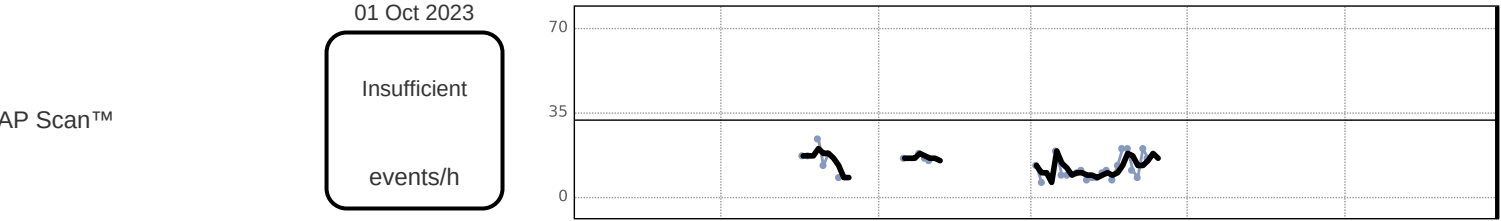
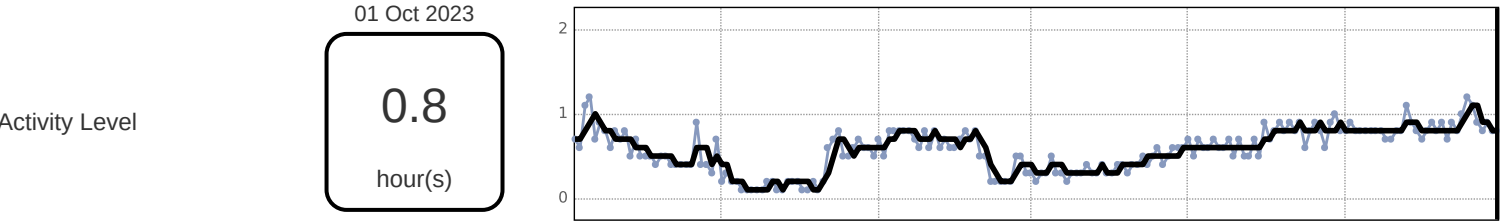
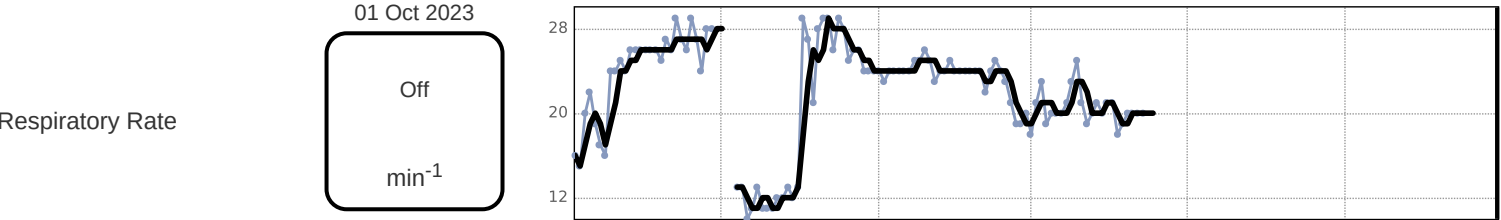
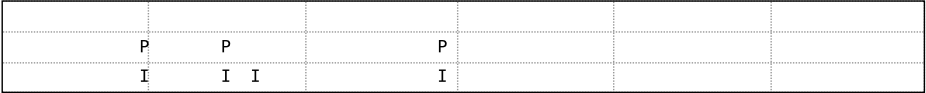
See last page for additional battery information.

Leads	Implant (31 Oct 2018)	Most Recent In-Office Measurement (28 Jun 2023)	Most Recent Daily Measurement (01 Oct 2023)
Atrial			
Intrinsic Amplitude	4.0 mV	0.7 mV (29 Apr 2023)	0.4 mV
Pace Impedance	500 Ω	698 Ω (22 May 2023)	686 Ω
Pace Threshold	0.8 V @ 0.5 ms	0.9 V @ 0.4 ms (15 Jun 2022)	N/R
Right Ventricular			
Intrinsic Amplitude	20.0 mV	>25.0 mV (29 Apr 2023)	>25.0 mV
Pace Impedance	800 Ω	812 Ω (22 May 2023)	828 Ω
Pace Threshold	0.5 V @ 0.5 ms	0.9 V @ 0.4 ms	0.7 V @ 0.4 ms
Left Ventricular			
Intrinsic Amplitude	N/R	11.7 mV (29 Apr 2023)	18.9 mV
Pace Impedance	N/R	776 Ω (22 May 2023)	871 Ω
Pace Threshold	N/R	1.1 V @ 0.4 ms	

Ventricular Tachy			
Ventricular Tachy EGM Storage			On
Detection Rate			160 min ⁻¹ (375 ms)
Brady/CRT			
Mode	DDIR		
Lower Rate Limit	70 min ⁻¹		
Maximum Sensor Rate	130 min ⁻¹		
Paced AV Delay	100 - 130 ms		
A-Refractory (PVARP)	240 - 310 ms		
RV-Refractory (RVRP)	230 - 250 ms		
LV-Refractory (LVRP)	250 ms		
Ventricular Pacing Chamber	BiV		
LV Offset	0 ms		
Pacing Output			
	 Atrial		2.0 V @ 0.4 ms
	 Right Ventricular		Auto 2.0 V @ 0.4 ms
	 Left Ventricular		3.0 V @ 0.4 ms
Sensitivity			
	 Atrial		Fixed 0.15 mV
	 Right Ventricular		Fixed 2.5 mV
	 Left Ventricular		Fixed 2.5 mV
Leads Configuration (Pace/Sense)			
	 Atrial		Bipolar
	 Right Ventricular		Bipolar
	 Left Ventricular	LVRing2>>LVRing4/LVTip1>>LVRing2	
Rate Adaptive Pacing			
Minute Ventilation			Disabled
Accelerometer			Passive



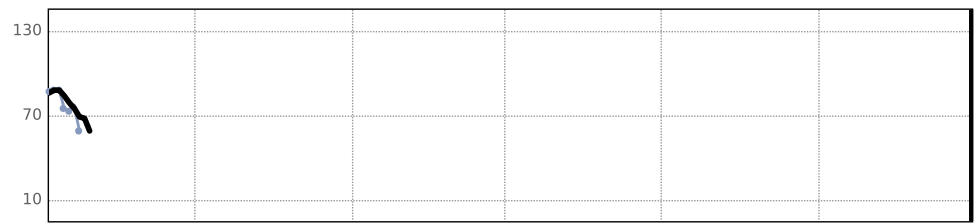
R = Counter Reset
P = Program
I = Office Interrogation



01 Oct 2023

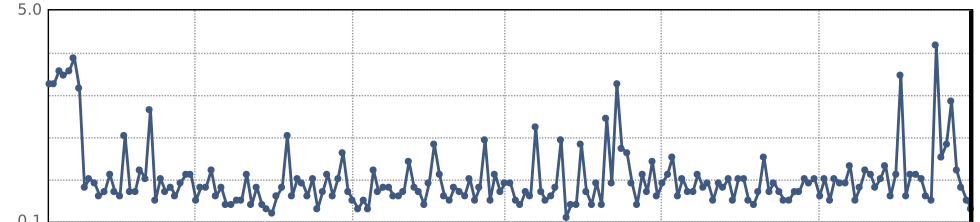
Insufficient

ms

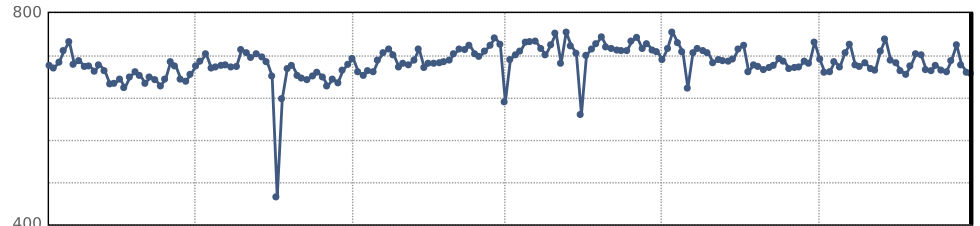


0.4

mV



686

 Ω 

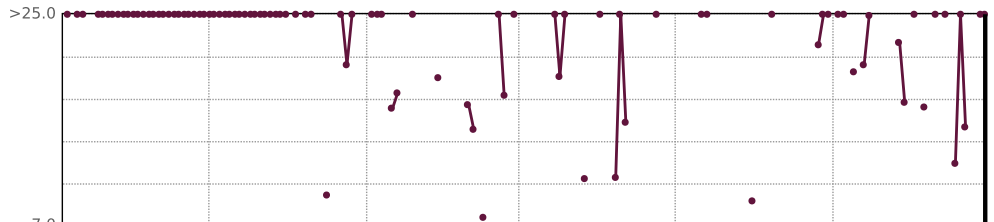
No data collected

V

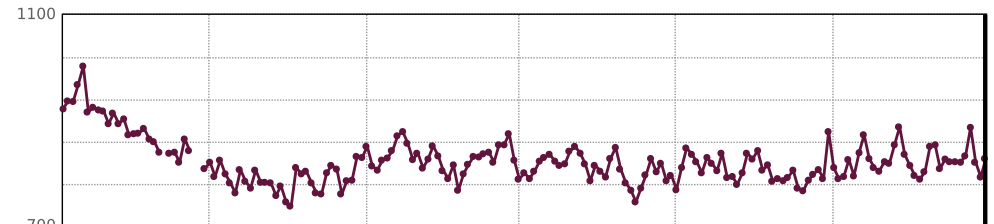


>25.0

mV

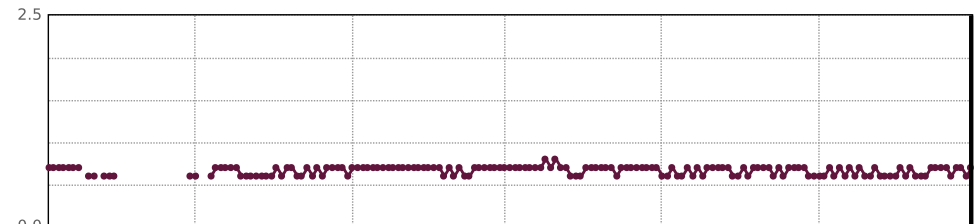


828

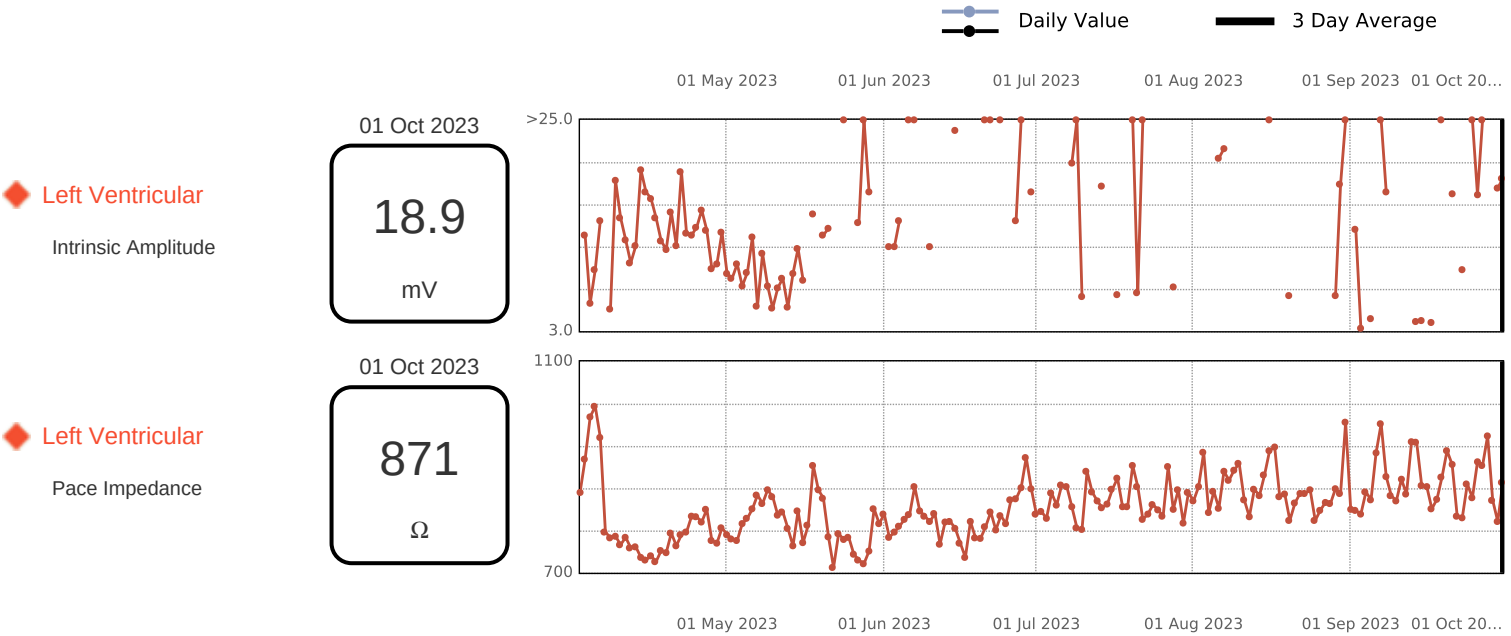
 Ω 

0.7

V



01 May 2023 01 Jun 2023 01 Jul 2023 01 Aug 2023 01 Sep 2023 01 Oct 20...



Ventricular Tachy Counters	Since Last Reset 31 Oct 2018	Device Totals
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Ventricular Episode Counters

Total Episodes	279	279
⚠ VT Episodes (V>A)	2	2
SVT Episodes (V<=A)	1	1
⚠ NonsustainedV Episodes	276	276

Brady/CRT Counters	Reset Before Last 0 day(s) 31 Oct 2018 to 31 Oct 2018	Since Last Reset 1796 day(s) 31 Oct 2018 to 02 Oct 2023
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Counters

% A Paced	15	4
% RV Paced	93	96
% LV Paced	92	97

Intrinsic Promotion

Rate Hysteresis		
% Successful	0	0

Atrial Arrhythmia

% AT/AF (One Year of Data)	N/R	4
Total Time in AT/AF (days) (One Year of Data)	N/R	15.6
Episodes by Duration		
< 1 minute	0	18752
1 min - < 1 hr	0	4263
1 hr - < 24 hr	0	13
24 hr - < 48 hr	0	0
> 48 hr	0	0
Total PACs	4	16688817

Ventricular Counters

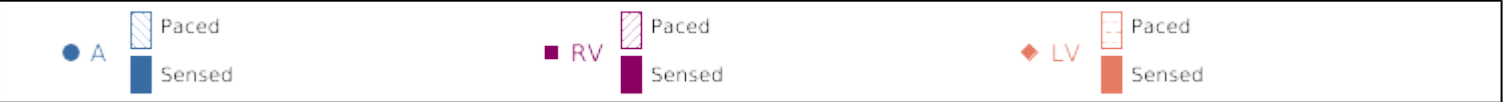
Total PVCs	26	1688493
Three or More PVCs	1	20944

AT/AF Overview: Since Last Reset (31 Oct 2018 to 02 Oct 2023)

AT/AF (One Year of Data): 4 %	AT/AF Events: 23028	
Total Time in AT/AF (days) (One Year of Data): 15.6		
Most Recent: 16 May 2023 12:19	Avg V Rate: 86 min ⁻¹	Duration: 00:00:07 hh:mm:ss
Longest: 11 Apr 2023 05:55	Avg V Rate: 126 min ⁻¹	Duration: 02:49:39 hh:mm:ss
Fastest RVS Rate: 12 Apr 2023 07:51	Max V Rate: 207 min ⁻¹	Duration: 00:00:22 hh:mm:ss

AT/AF Overview: Reset Before Last (31 Oct 2018 to 31 Oct 2018)

There are no ATR events to display.



Histogram Rate Counts

Reset Before Last 0 day(s)			Since Last Reset 1796 day(s)	
Atrial	31 Oct 2018 to 31 Oct 2018		31 Oct 2018 to 02 Oct 2023	
Rate (min ⁻¹)	Paced	Sensed	Paced	Sensed
0-29	0	3	0	13.6K
30-39	0	0	0	66.2K
40-49	0	1	341	221.4K
50-59	4	0	86.4K	81.7K
60-69	4	25	9.0M	41.8M
70-79	0	534	14.2K	63.2M
80-89	118	596	23.8K	35.1M
90-99	92	63	35.4K	19.5M
100-109	0	3	39.8K	5.2M
110-119	0	1	17.9K	608.1K
120-129	1	0	5.0K	299.0K
130-139	0	0	1.0K	376.1K
140-149	0	0	153	738.5K
150-159	0	0	0	1.1M
160-169	0	0	2	1.4M
170-179	0	0	0	1.6M
180-189	0	0	0	1.7M
190-199	0	1	0	1.8M
200-209	0	0	0	2.3M
210-219	0	0	0	1.9M
220-229	0	0	0	1.5M
230-239	0	1	0	791.5K
240-249	0	1	0	523.4K
>=250	0	0	0	60.7M

Reset Before Last 0 day(s)			Since Last Reset 1796 day(s)	
Right Ventricular	31 Oct 2018 to 31 Oct 2018		31 Oct 2018 to 02 Oct 2023	
Rate (min ⁻¹)	Paced	Sensed	Paced	Sensed
0-29	0	0	0	0
30-39	0	0	0	0
40-49	0	0	0	0
50-59	0	0	46.7K	32
60-69	36	1	51.3M	26.9K
70-79	523	13	72.2M	123.1K
80-89	550	1	39.3M	406.8K
90-99	125	42	19.7M	997.2K
100-109	3	3	5.5M	1.5M
110-119	0	0	758.2K	1.3M
120-129	0	3	215.6K	1.0M
130-139	1	3	114.3K	804.2K
140-149	0	9	93.0K	587.0K
150-159	0	2	103.8K	354.6K
160-169	0	12	0	168.8K
170-179	0	0	0	50.8K
180-189	0	0	0	11.5K
190-199	0	0	0	4.0K
200-209	0	0	0	2.3K
210-219	0	0	0	1.1K
220-229	0	0	0	613
230-239	0	0	0	221
240-249	0	0	0	120
>=250	0	0	0	51

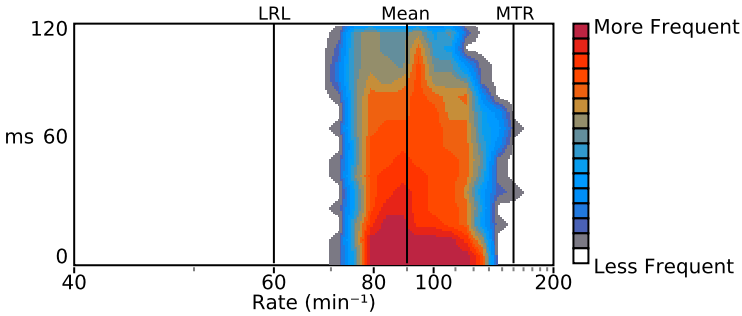
Reset Before Last 0 day(s)			Since Last Reset 1796 day(s)	
Left Ventricular 31 Oct 2018 to 31 Oct 2018			31 Oct 2018 to 02 Oct 2023	
Rate (min ⁻¹)	Paced	Sensed	Paced	Sensed
0-29	0	0	1	2.7K
30-39	0	0	18	523
40-49	1	0	913	2.5K
50-59	1	0	269.7K	27.2K
60-69	35	16	51.0M	87.3K
70-79	521	12	72.2M	244.2K
80-89	688	4	39.3M	473.9K
90-99	92	42	19.7M	779.9K
100-109	6	0	5.6M	1.4M
110-119	10	0	930.7K	1.1M
120-129	0	0	457.4K	715.9K
130-139	0	1	209.4K	592.1K
140-149	0	0	180.0K	442.8K
150-159	0	0	152.9K	285.3K
160-169	0	0	87.3K	145.9K
170-179	0	0	20.1K	47.7K
180-189	0	0	2	10.8K
190-199	0	0	0	2.4K
200-209	0	0	0	497
210-219	0	0	0	82
220-229	0	0	0	33
230-239	0	0	1	8
240-249	0	0	0	0
>=250	0	0	2	0

Reset Before Last 0 day(s)			Since Last Reset 1796 day(s)	
RV Rate during AT/AF 31 Oct 2018 to 31 Oct 2018			31 Oct 2018 to 02 Oct 2023	
Rate (min ⁻¹)	Paced	Sensed	Paced	Sensed
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	275	39
80-89	0	0	14.2K	2.6K
90-99	0	0	141.0K	38.4K
100-109	0	0	407.1K	187.4K
110-119	0	0	219.8K	331.5K
120-129	0	0	67.2K	361.8K
130-139	0	0	9.2K	324.3K
140-149	0	0	1.2K	264.8K
150-159	0	0	61	174.9K
160-169	0	0	0	89.1K
170-179	0	0	0	29.3K
180-189	0	0	0	8.6K
190-199	0	0	0	3.6K
200-209	0	0	0	2.1K
210-219	0	0	0	1.1K
220-229	0	0	0	579
230-239	0	0	0	212
240-249	0	0	0	114
>=250	0	0	0	48

Heart Rate Variability

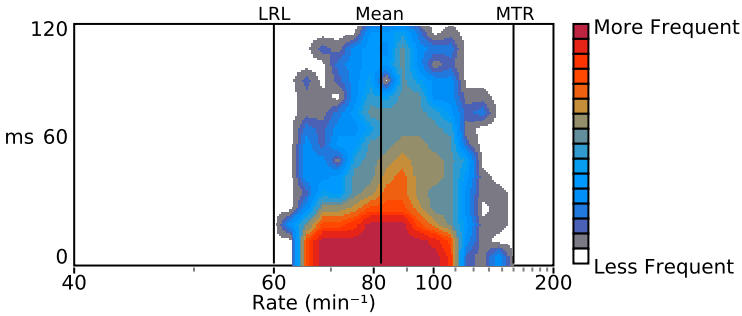
Last measured for 24-hr period ending 08 Apr 2023 14:59

% of Time Used	70
Footprint	30 %
SDANN	59 ms
Mode	DDD
Sensed AV Delay	75 - 100 ms
Ventricular Pacing Chamber	BiV
LV Offset	0 ms



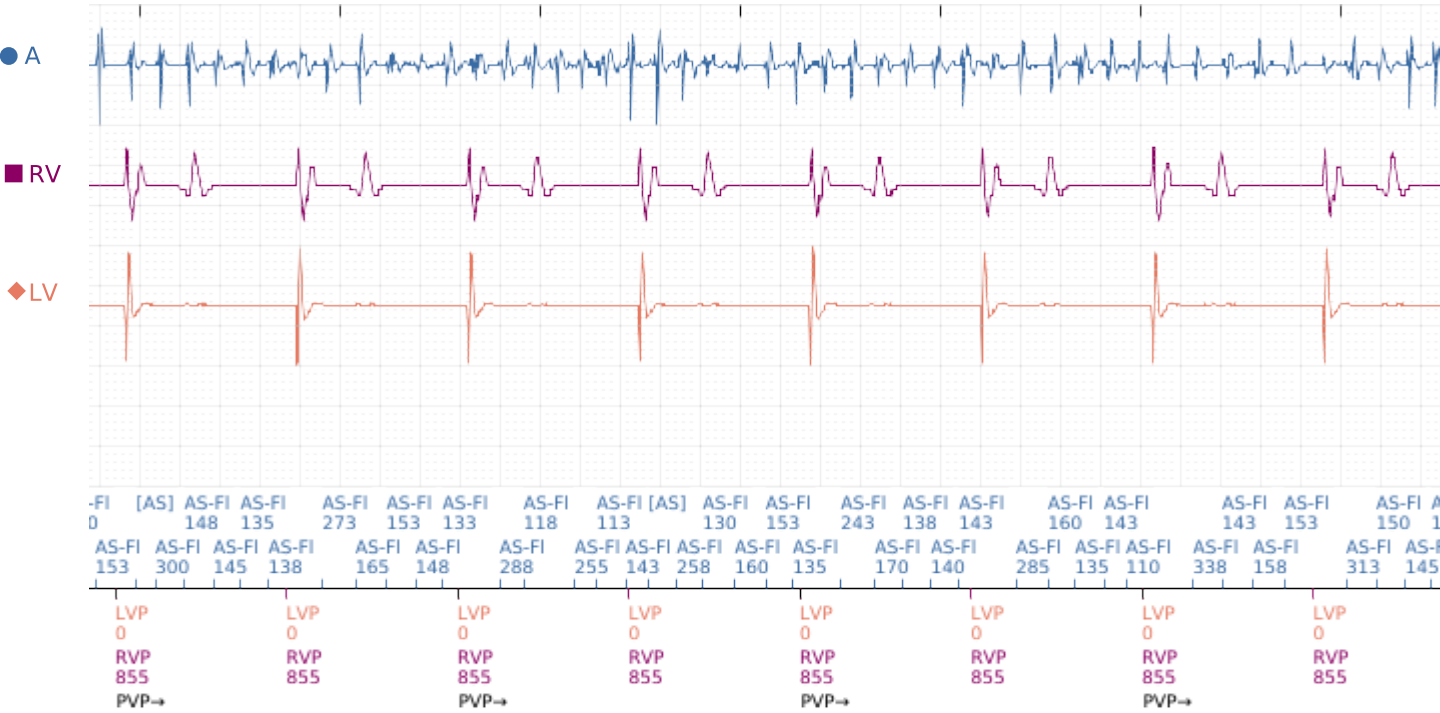
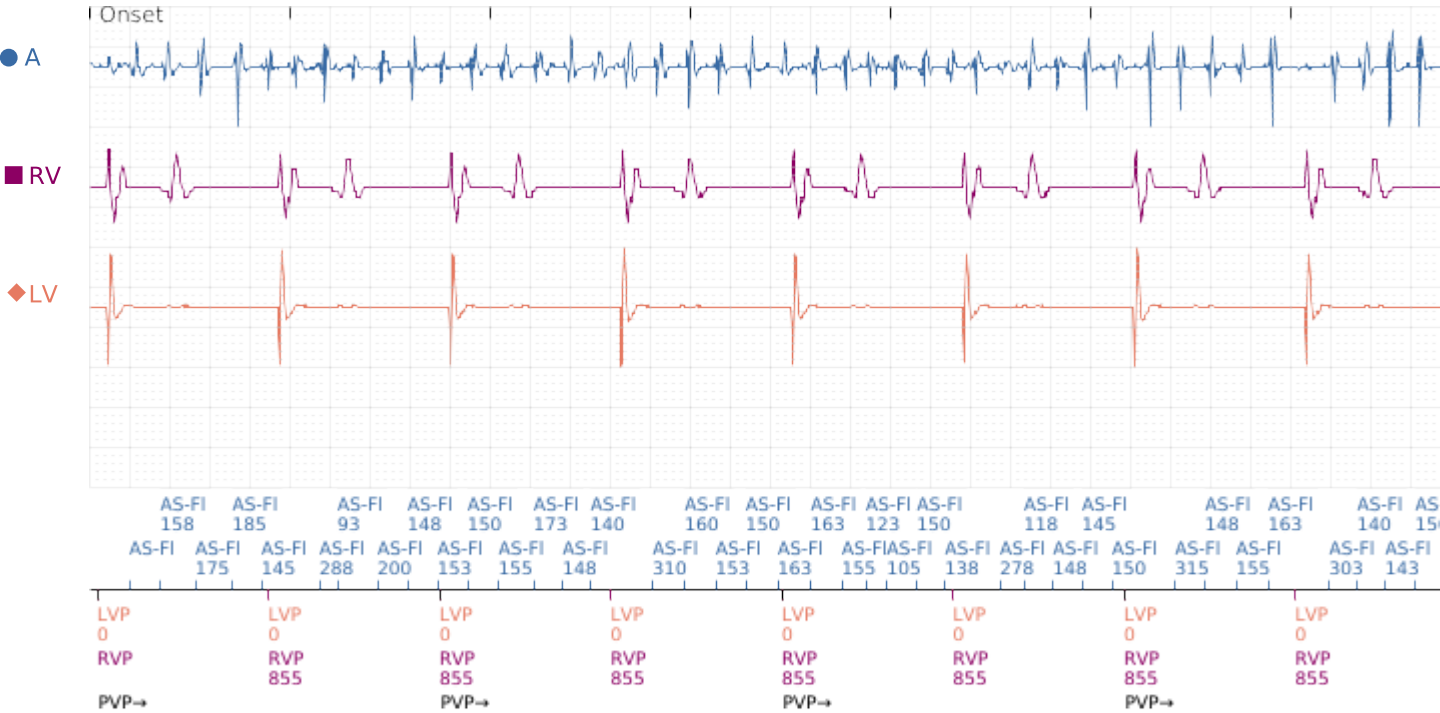
Reference: 24-hr period ending 11 Nov 2018 14:10

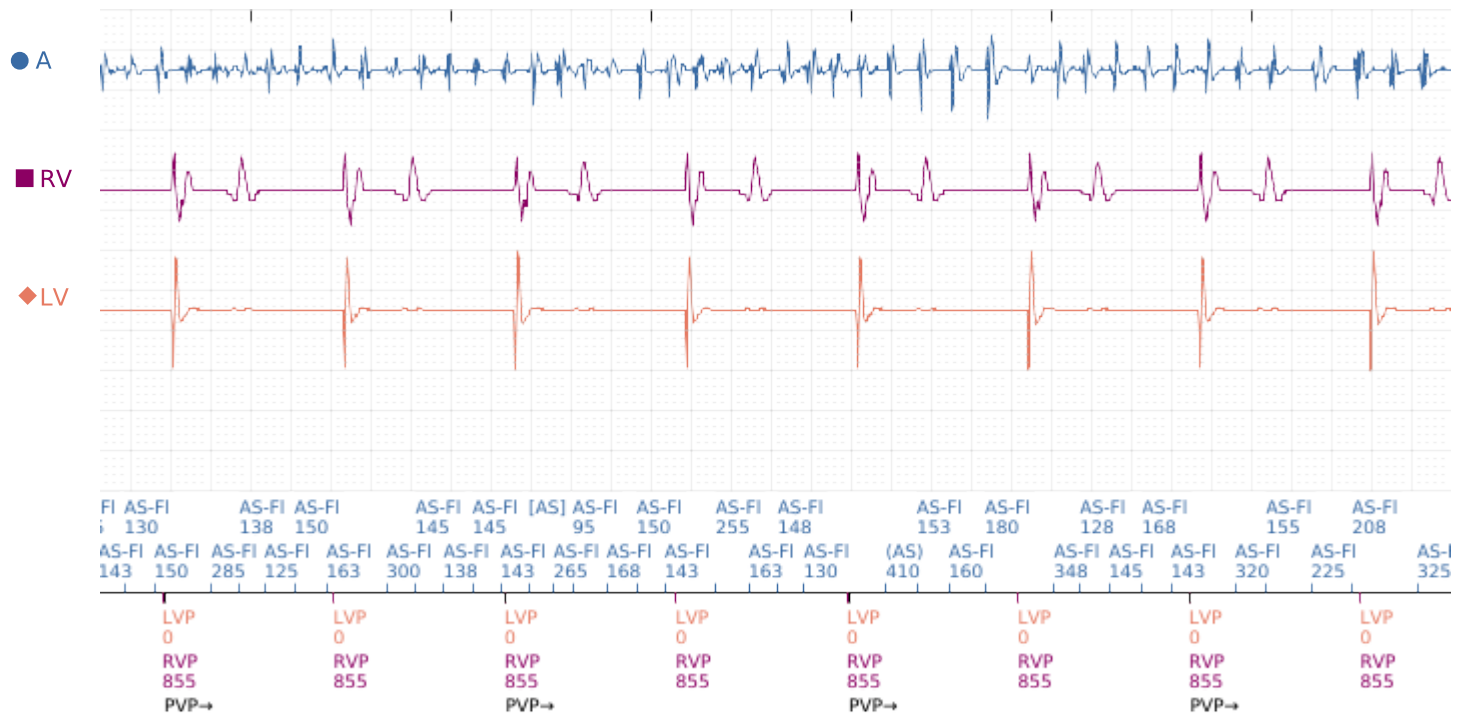
% of Time Used	91
Footprint	33 %
SDANN	62 ms
Mode	DDD
Sensed AV Delay	75 - 100 ms
Ventricular Pacing Chamber	BiV
LV Offset	0 ms

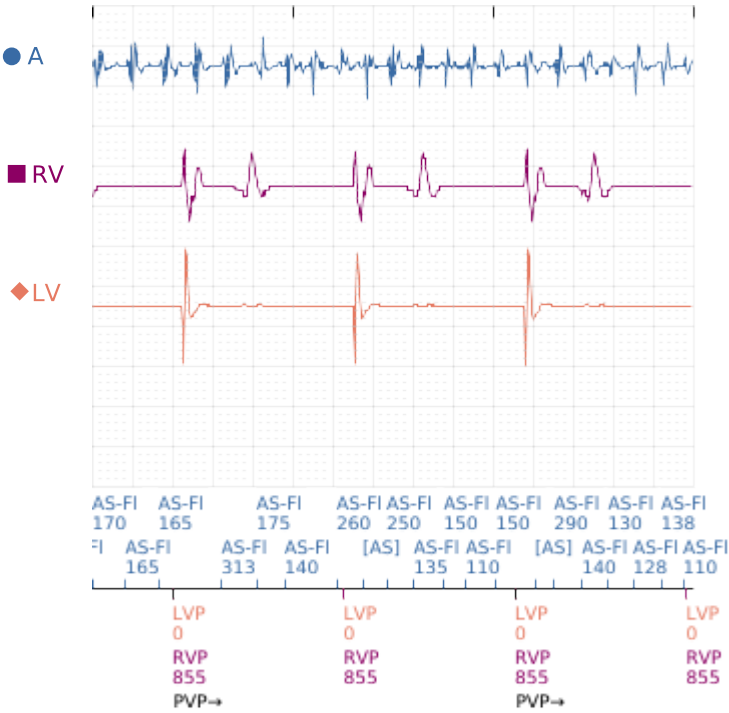


Presenting EGM (02 Oct 2023)

EGM displayed at 25mm per second







All Events Since Last Reset (31 Oct 2018)

01 Oct 2023 23:47	RV Auto
24 Sep 2023 23:48	RV Auto
24 Jul 2023 20:51	RV Auto
24 Jul 2023 05:46	 SAM, MV Sensor Disabled
23 Jul 2023 23:51	RV Auto
12 Jul 2023 14:50	RV Auto
16 May 2023 12:19	ATR at 357 min ⁻¹ , Avg V Rate in ATR: 86 min ⁻¹
07 May 2023 18:21	NonSustV at 137 min ⁻¹
05 May 2023 09:42	NonSustV at 169 min ⁻¹
04 May 2023 18:20	NonSustV at 163 min ⁻¹
04 May 2023 18:12	NonSustV at 146 min ⁻¹
03 May 2023 16:52	SAM, MV Sensor Vector Switched
03 May 2023 10:26	NonSustV at 165 min ⁻¹
03 May 2023 07:38	NonSustV at 174 min ⁻¹
03 May 2023 07:37	NonSustV at 150 min ⁻¹
03 May 2023 07:36	NonSustV at 180 min ⁻¹
03 May 2023 07:32	NonSustV at 163 min ⁻¹
03 May 2023 07:21	NonSustV at 163 min ⁻¹
02 May 2023 03:47	SVT (V<=A) at 165 min ⁻¹
29 Apr 2023 20:34	ATR at 248 min ⁻¹ , Avg V Rate in ATR: 115 min ⁻¹
29 Apr 2023 20:31	ATR at 382 min ⁻¹ , Avg V Rate in ATR: 115 min ⁻¹
29 Apr 2023 20:34	ATR at 351 min ⁻¹ , Avg V Rate in ATR: 113 min ⁻¹
29 Apr 2023 20:33	ATR at 280 min ⁻¹ , Avg V Rate in ATR: 111 min ⁻¹
29 Apr 2023 20:33	ATR at 183 min ⁻¹ , Avg V Rate in ATR: 117 min ⁻¹
29 Apr 2023 20:32	ATR at 370 min ⁻¹ , Avg V Rate in ATR: 116 min ⁻¹
29 Apr 2023 20:31	ATR at 345 min ⁻¹ , Avg V Rate in ATR: 113 min ⁻¹
29 Apr 2023 20:30	ATR at 382 min ⁻¹ , Avg V Rate in ATR: 113 min ⁻¹
29 Apr 2023 20:27	ATR at 193 min ⁻¹ , Avg V Rate in ATR: 114 min ⁻¹
17 Apr 2023 01:04	PMT at 150 min ⁻¹
08 Apr 2023 18:57	 VT (V>A) at 168 min ⁻¹
08 Apr 2023 18:51	 VT (V>A) at 172 min ⁻¹
Total Events: 2 VT (V>A), 276 NonSustV, 1 SVT (V<=A), 23028 ATR	

Battery (Continued)	
Time Since Implant	60 months
Charge Remaining	0.96 ampere-hours
Power Consumption	60 µW
(Measured with programmed parameters)	
This device is using 112% 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, 500 Ω
LV	100% pacing, 70 min ⁻¹ , 3.5 V, 0.4 ms, 700 Ω