

LATITUDE™ Patient Management - Combined Follow-up Report

Report Created: 04 Sep 2025

Boston Scientific

1527

Date of Birth:

Device: **RESONATE CRT-D G424/518110**

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

Search Tags:

Tachy Mode: **Monitor + Therapy**

Latest Device Transmission: **21 Aug 2025 13:05 CEST**

Last Office Interrogation: **24 Jul 2025**

Implant Date: **01 Dec 2024**

Patient Group: **TACHY_CHU de Bordeaux (Primary)**

My Alerts

There are no alerts to display.

Events Since Last Reset (01 Apr 2025)

21 Aug 2025 04:09 LV Auto
21 Aug 2025 04:08 RV Auto
See last page for full list of Events Since Last Reset.

Battery

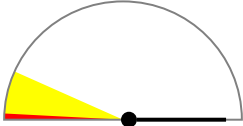
OK

Approximate time to explant: **8 years** from 21 Aug 2025

Last Capacitor Re-form Charge Time

29 Mar 2025 09:55 10.0 s

One Year Remaining

Explant 

See last page for additional battery information.

Leads	Implant (01 Dec 2024)	Most Recent In-Office Measurement (18 Jul 2025)	Most Recent Daily Measurement (21 Aug 2025)
Atrial			
Intrinsic Amplitude	6.0 mV	8.0 mV	N/R
Pace Impedance	800 Ω	551 Ω	515 Ω
Pace Threshold	0.4 V @ 0.4 ms	0.8 V @ 0.4 ms	0.6 V @ 0.4 ms
Right Ventricular			
Intrinsic Amplitude	N/R	10.5 mV	N/R
Pace Impedance	700 Ω	595 Ω	633 Ω
Pace Threshold	0.5 V @ 0.4 ms	0.5 V @ 0.4 ms	0.5 V @ 0.4 ms
Left Ventricular			
Intrinsic Amplitude	N/R	13.2 mV	N/R
Pace Impedance	850 Ω	413 Ω	320 Ω
Pace Threshold	1.0 V @ 0.4 ms	Auto 0.9 V @ 0.4 ms	4.0 V @ 0.4 ms
Shock			
Shock Impedance	65 Ω	67 Ω	68 Ω

Settings

Ventricular Tachy

VF	240 min ⁻¹	ATP	41 J, 41 J, 41 Jx6
VT	185 min ⁻¹	Scan	Scan 41 J, 41 J, 41 Jx4
VT-1	160 min ⁻¹	Monitor Only	

Atrial Tachy

ATR Mode Switch	180 min ⁻¹	DDI
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Brady/CRT

Mode	DDD
Lower Rate Limit	50 min ⁻¹
Maximum Tracking Rate	145 min ⁻¹
Paced AV Delay	180 - 180 ms
Sensed AV Delay	120 - 120 ms
A-Refractory (PVARP)	200 - 280 ms
RV-Refractory (RVRP)	230 - 250 ms
LV-Refractory (LVRP)	250 ms
Ventricular Pacing Chamber	LV Only

Pacing Output

Atrial	Auto 2.0 V @ 0.4 ms
Right Ventricular	Auto 2.0 V @ 0.4 ms
Left Ventricular	Auto 5.0 V @ 0.4 ms

Sensitivity

Atrial	AGC 0.25 mV
Right Ventricular	AGC 0.6 mV
Left Ventricular	AGC 1.0 mV

Leads Configuration (Pace/Sense)

Atrial	Bipolar
Right Ventricular	Bipolar
Left Ventricular	LVtip>>RV

Rate Adaptive Pacing

Minute Ventilation	Passive
Accelerometer	Passive

Rhythm ID Update

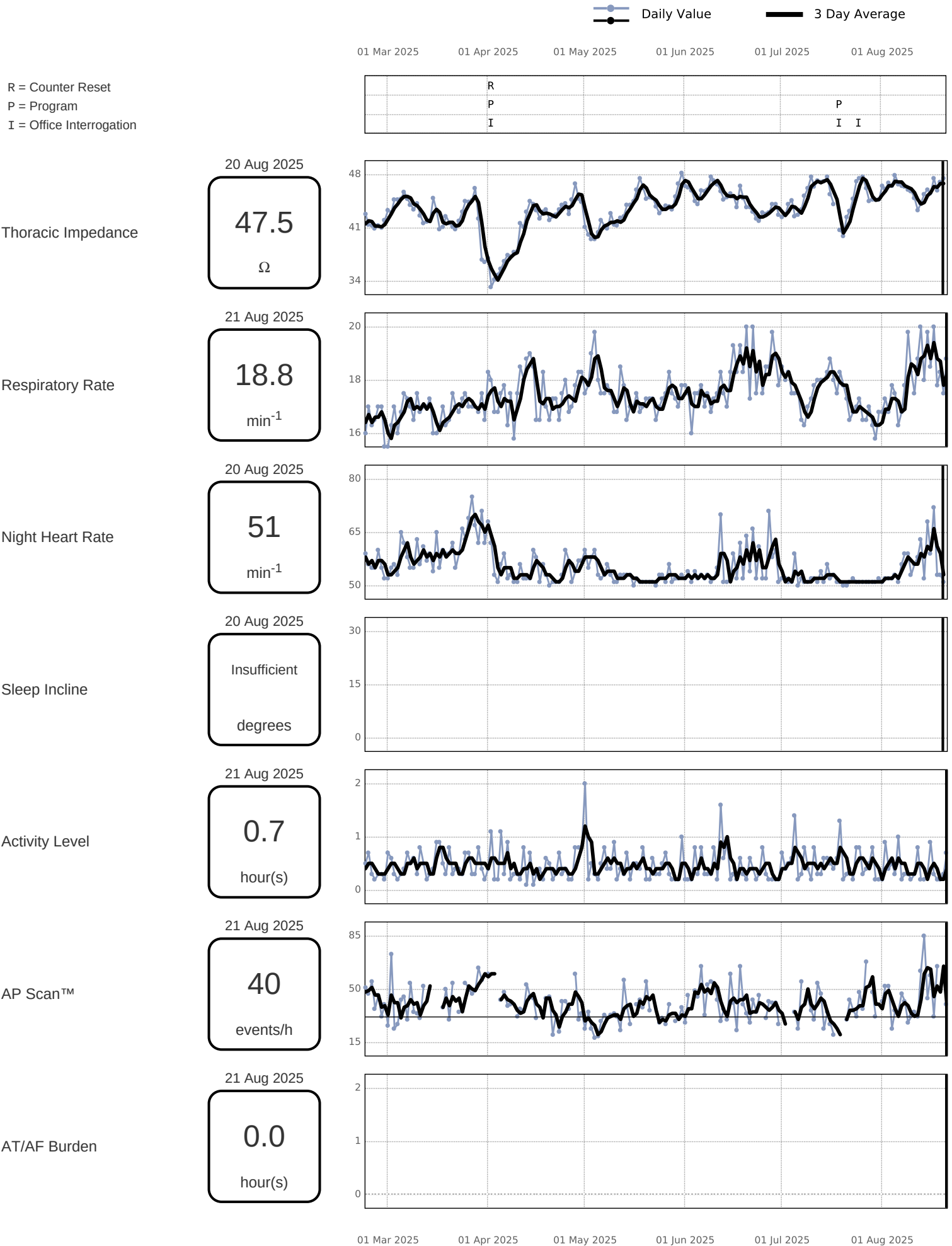
Last Successful Completion 17 Aug 2025 03:59

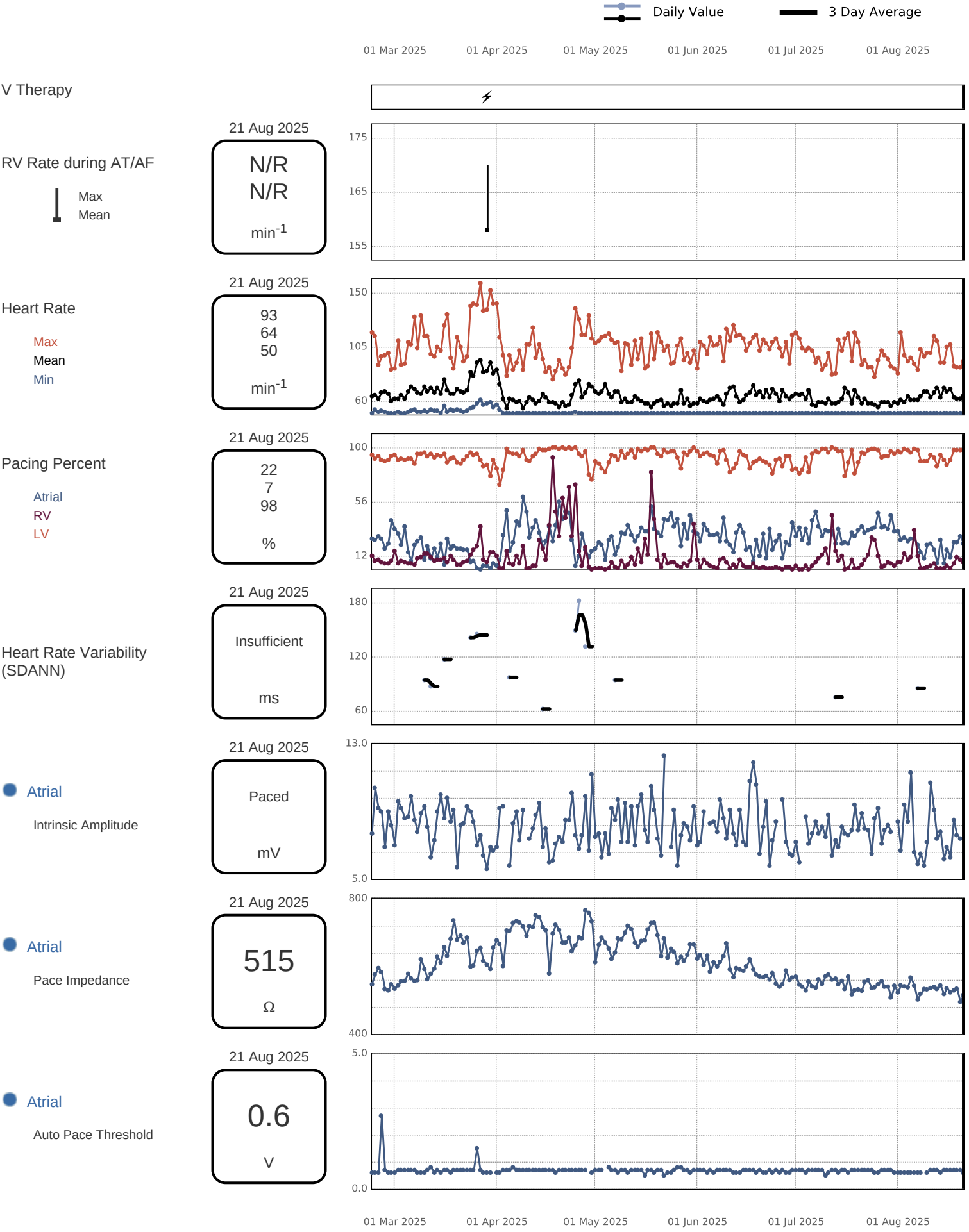
G424 Firmware Version: H_v1.00.00(1.01)
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Clinician Signature

Trend Graphs







Ventricular Tachy Counters		Since Last Reset	Device Totals
		01 Apr 2025	
Ventricular Episode Counters			
Total Episodes		0	32
Treated			
VF Therapy		0	0
VT Therapy		0	2
VT-1 Therapy		0	0
Commanded Therapy		0	0
Non-Treated			
No Therapy Programmed		0	3
NonsustainedV Episodes		0	26
Other Untreated Episodes		0	1
Ventricular Therapy Counters			
ATP Delivered		0	2
ATP % Successful		0	0
Shocks Delivered		0	6
First Shock % Successful		0	0
Shocks Diverted		0	0

Brady/CRT Counters		Reset Before Last	Since Last Reset
		102 day(s)	141 day(s)
		20 Dec 2024 to 01 Apr 2025	01 Apr 2025 to 21 Aug 2025
Counters			
% A Paced		15	28
% RV Paced		17	4
% LV Paced		90	93
Intrinsic Promotion			
Rate Hysteresis			
% Successful		0	0
Atrial Arrhythmia			
% AT/AF		<1	0
Total Time in AT/AF (min)		<0.1	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		32637	5817
Ventricular Counters			
Total PVCs		530257	532954
Three or More PVCs		7	3

Clinical Counters		Since Last Reset	Device Totals
		01 Apr 2025	
MRI Protection Mode		0	0

AT/AF Overview: Since Last Reset (01 Apr 2025 to 21 Aug 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 (20 Dec 2024 to 01 Apr 2025)		
Longest: 29 Mar 2025 09:57	Avg V Rate: 158 min ⁻¹	Duration: 00:00:02 hh:mm:ss
Fastest RVS Rate: 29 Mar 2025 09:57	Max V Rate: 170 min ⁻¹	Duration: 00:00:02 hh:mm:ss

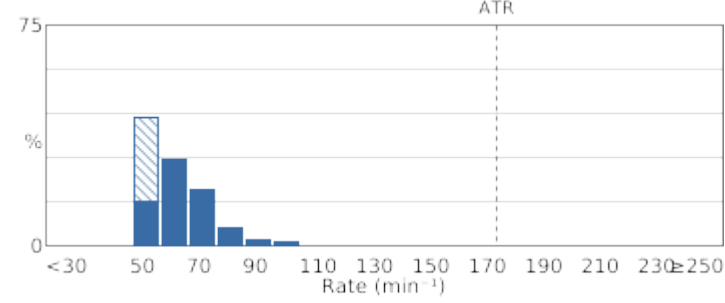
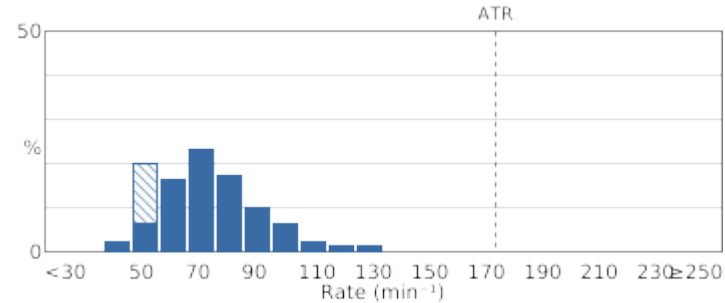
Histograms



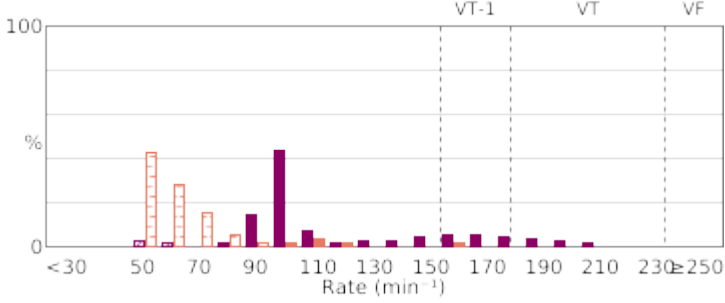
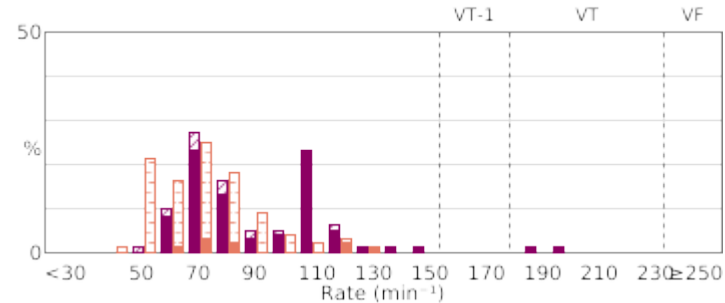
Reset Before Last
102 day(s)
20 Dec 2024 to 01 Apr 2025

Since Last Reset
141 day(s)
01 Apr 2025 to 21 Aug 2025

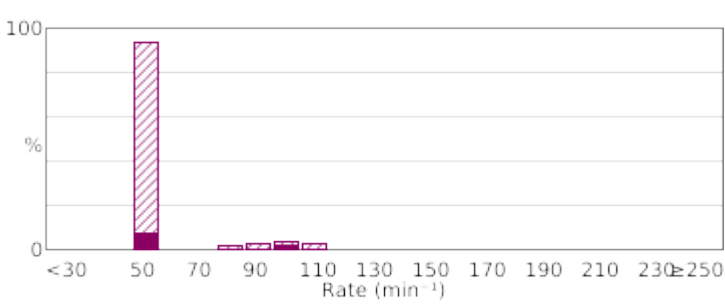
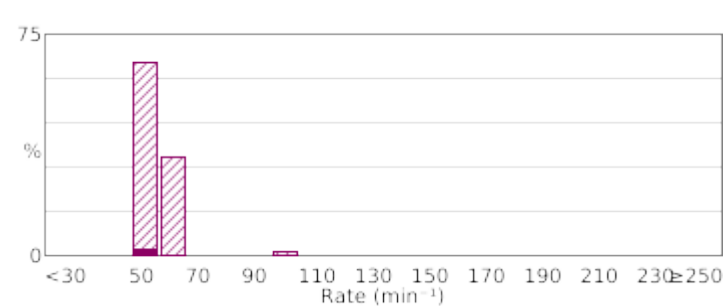
Atrial Activity



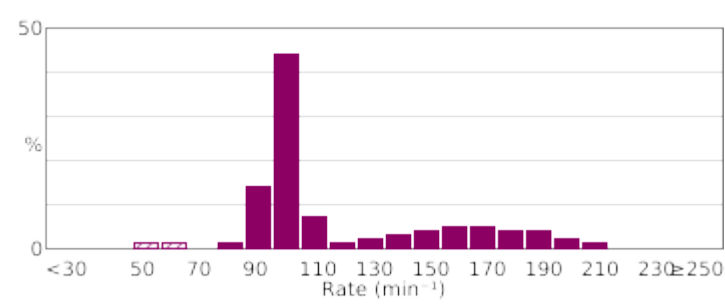
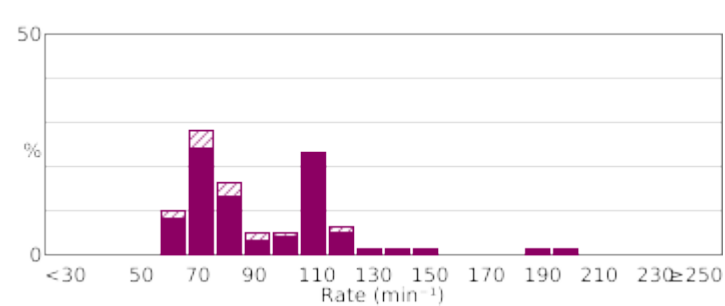
Ventricular Activity



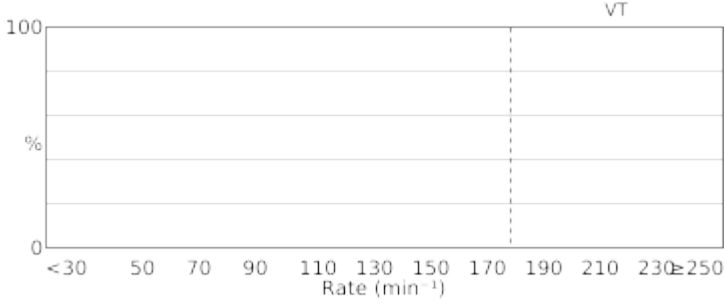
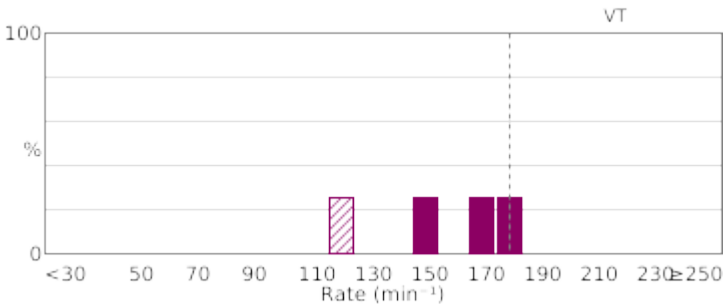
Ventricular Response to Atrial Pace



Ventricular Response to Atrial Sense



RV Rate during AT/AF



Histogram Rate Counts

Reset Before Last 102 day(s) 20 Dec 2024 to 01 Apr 2025			Since Last Reset 141 day(s) 01 Apr 2025 to 21 Aug 2025	
Atrial				
Rate (min ⁻¹)	Paced	Sensed	Paced	Sensed
0-29	0	195	0	12
30-39	2	49.5K	3	5.4K
40-49	0	175.1K	9	11.9K
50-59	1.5M	616.0K	3.4M	1.9M
60-69	7.4K	1.6M	2.5K	3.6M
70-79	2.3K	2.4M	2.4K	2.4M
80-89	1.9K	1.8M	1.3K	757.5K
90-99	1.4K	1.0M	1.1K	192.0K
100-109	864	563.6K	1.1K	71.2K
110-119	303	245.8K	674	24.1K
120-129	0	113.9K	0	9.4K
130-139	0	54.3K	0	2.9K
140-149	2	26.4K	0	771
150-159	0	12.0K	0	222
160-169	0	5.5K	0	95
170-179	0	1.8K	0	38
180-189	0	508	0	15
190-199	0	165	0	11
200-209	0	117	0	11
210-219	0	127	0	6
220-229	0	70	0	6
230-239	0	7	0	4
240-249	0	6	0	5
>=250	0	24	0	22

Reset Before Last 102 day(s) 20 Dec 2024 to 01 Apr 2025			Since Last Reset 141 day(s) 01 Apr 2025 to 21 Aug 2025	
Right Ventricular				
Rate (min ⁻¹)	Paced	Sensed	Paced	Sensed
0-29	0	0	0	0
30-39	0	0	0	0
40-49	1	5	1	3
50-59	16.3K	2.0K	16.4K	1.2K
60-69	28.6K	87.8K	8.7K	2.4K
70-79	47.9K	269.4K	4.2K	2.0K
80-89	39.2K	149.3K	1.5K	10.4K
90-99	28.0K	28.8K	1.6K	136.9K
100-109	9.6K	42.5K	3.1K	418.7K
110-119	4.6K	261.5K	2.5K	66.5K
120-129	6.0K	56.6K	545	12.3K
130-139	4.0K	9.0K	93	15.4K
140-149	5.6K	7.4K	100	24.1K
150-159	0	7.1K	0	36.7K
160-169	0	3.8K	0	51.0K
170-179	0	3.7K	0	52.4K
180-189	0	5.1K	0	42.1K
190-199	0	6.8K	0	33.7K
200-209	0	7.3K	0	20.5K
210-219	0	4.6K	0	6.5K
220-229	6	2.3K	0	825
230-239	0	1.1K	0	31
240-249	10	777	0	4
>=250	19	728	0	4

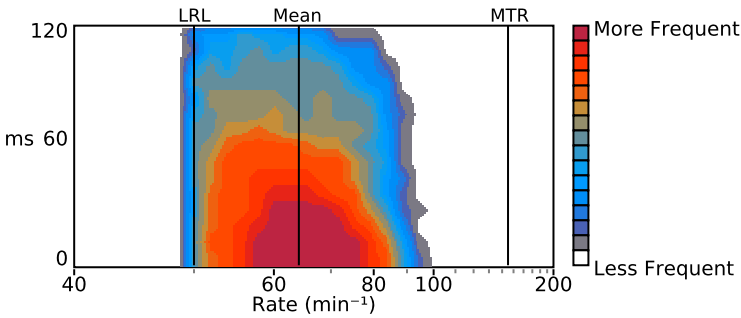
Reset Before Last 102 day(s)			Since Last Reset 141 day(s)	
20 Dec 2024 to 01 Apr 2025			01 Apr 2025 to 21 Aug 2025	
Left Ventricular				
Rate (min ⁻¹)	Paced	Sensed	Paced	Sensed
0-29	0	747	0	719
30-39	0	122	173	73
40-49	71.4K	1.2K	29.8K	156
50-59	2.2M	8.1K	5.4M	2.0K
60-69	1.6M	78.7K	3.6M	2.5K
70-79	2.3M	280.3K	1.9M	2.2K
80-89	1.7M	177.7K	655.2K	2.4K
90-99	907.0K	36.2K	151.1K	21.2K
100-109	471.9K	11.3K	61.2K	130.0K
110-119	219.8K	46.7K	23.9K	374.7K
120-129	101.4K	227.6K	10.4K	138.5K
130-139	48.9K	90.3K	3.5K	36.7K
140-149	27.6K	17.5K	1.2K	53.3K
150-159	6	8.9K	0	62.5K
160-169	0	4.6K	0	73.9K
170-179	0	3.7K	0	32.9K
180-189	0	5.8K	0	6.4K
190-199	0	7.8K	0	1.1K
200-209	0	7.2K	0	333
210-219	0	2.2K	0	171
220-229	6	931	0	35
230-239	0	345	0	4
240-249	6	0	0	0
>=250	38	0	0	0

Reset Before Last 102 day(s)			Since Last Reset 141 day(s)	
20 Dec 2024 to 01 Apr 2025			01 Apr 2025 to 21 Aug 2025	
RV Rate during AT/AF				
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	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	1	0	0	0
130-139	0	0	0	0
140-149	0	0	0	0
150-159	0	1	0	0
160-169	0	0	0	0
170-179	0	1	0	0
180-189	0	1	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

Heart Rate Variability

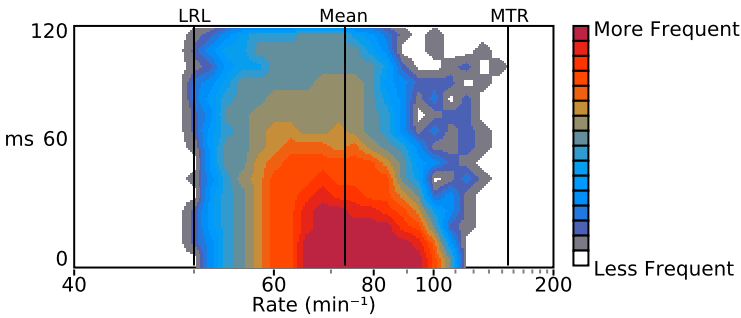
Last measured for 24-hr period ending 07 Aug 2025 10:56

% of Time Used	70
Footprint	46 %
SDANN	85 ms
Mode	DDD
Sensed AV Delay	120 ms
Ventricular Pacing Chamber	LV Only



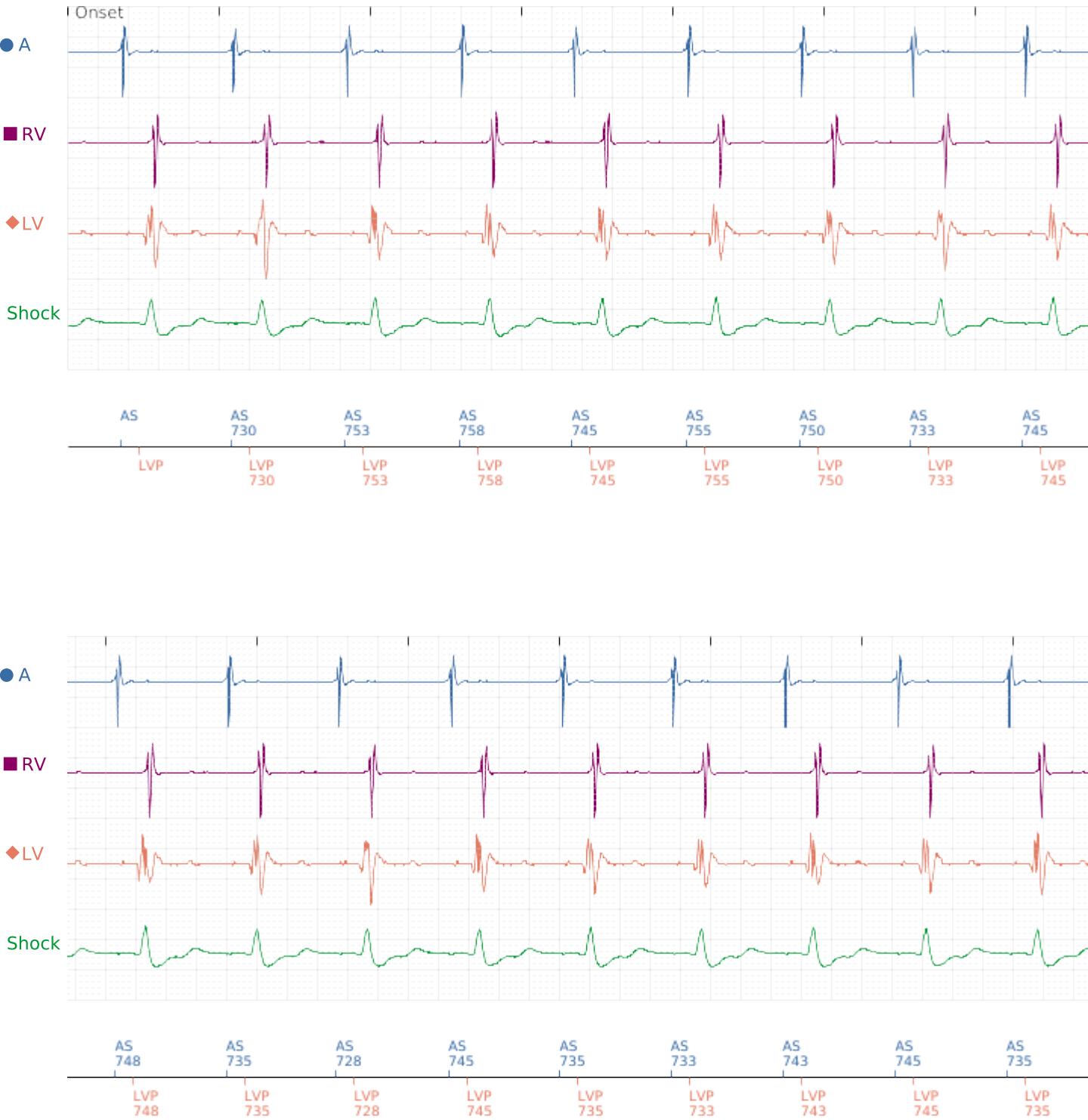
Reference: 24-hr period ending 22 Dec 2024 10:01

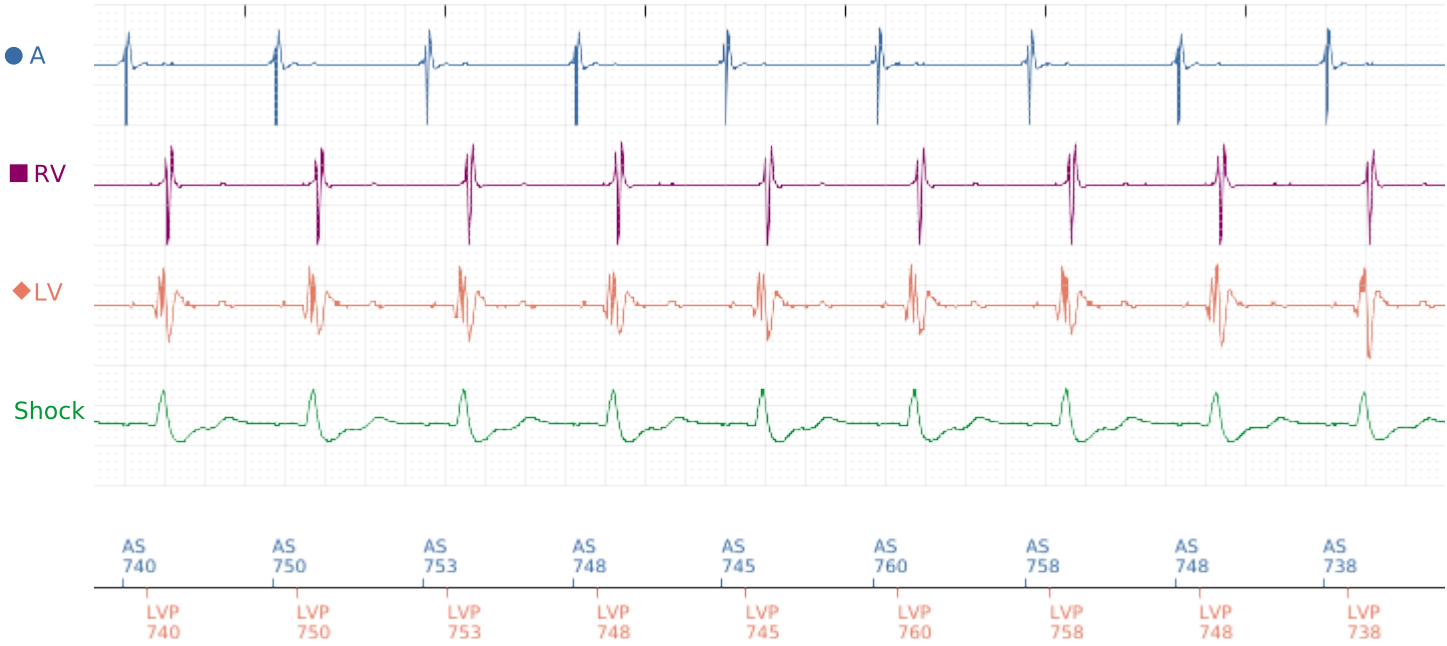
% of Time Used	67
Footprint	48 %
SDANN	85 ms
Mode	DDD
Sensed AV Delay	120 ms
Ventricular Pacing Chamber	LV Only

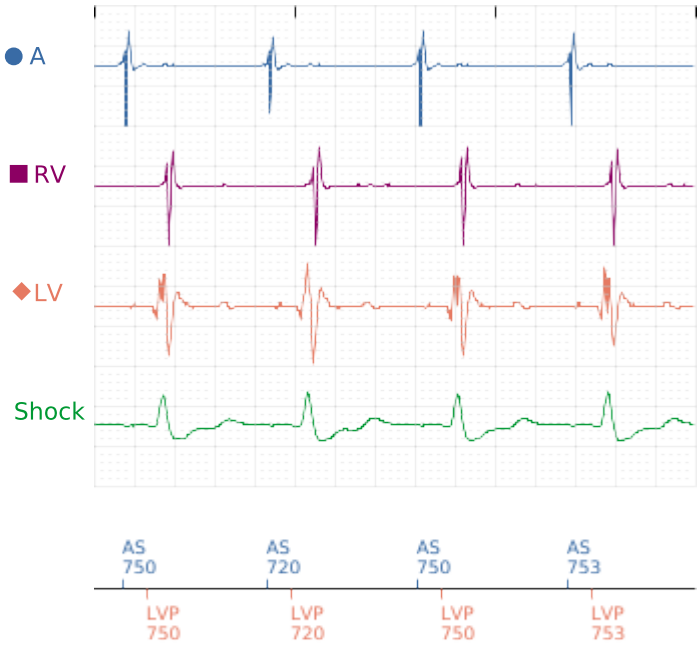


Presenting EGM (21 Aug 2025)

EGM displayed at 25mm per second







All Events Since Last Reset (01 Apr 2025)

21 Aug 2025 04:09	LV Auto
21 Aug 2025 04:08	RV Auto
21 Aug 2025 04:07	RA Auto
18 Aug 2025 14:01	RV Auto
18 Aug 2025 13:04	RA Auto
16 Aug 2025 19:02	RA Auto
16 Aug 2025 19:01	RV Auto
14 Aug 2025 05:00	LV Auto
12 Aug 2025 13:00	RA Auto
12 Aug 2025 10:02	LV Auto
12 Aug 2025 10:01	RV Auto
25 Jul 2025 01:10	LV Auto
25 Jul 2025 01:07	RV Auto
24 Jul 2025 04:06	RA Auto
18 Jul 2025 22:06	LV Auto

Battery (Continued)

Last Delivered Shock	29 Mar 2025 09:57	Time Since Implant	8 months
Energy	41 J	Charge Remaining	1.85 ampere-hours
Charge Time	7.3 s	Power Consumption	64 μW
Shock Impedance	58 Ω	(Measured with programmed parameters)	
Beep when Explant is Indicated	On	This device is using 128% 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
		◆ LV	100% pacing, 70 min ⁻¹ , 3.5 V, 0.4 ms, 700 Ω