



Device: **DYNAGEN CRT-D G151/132379**
Clinic: **UC Irvine Med Center Cardiology**
Search Tags:
Tachy Mode: **Monitor + Therapy**

Latest Device Transmission: **Sep 26, 2024 13:57 EDT**
Last Office Interrogation: **Dec 12, 2023**
Implant Date: **Aug 26, 2019**
Patient Group: **UC Irvine Med Center Cardiology (Primary)**

My Alerts

There are no alerts to display.

Events Since Last Reset (Dec 12, 2023)

There are no events to display.

Battery OK

Approximate time to explant: **6.5 years** from Sep 26, 2024

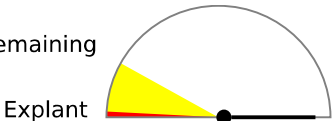
Last Capacitor Re-form

Aug 11, 2024 03:09

Charge Time

10.7 s

One Year Remaining



See last page for additional battery information.

Leads

	Implant (Aug 26, 2019)	Most Recent In-Office Measurement (Dec 12, 2023)	Most Recent Daily Measurement (Sep 25, 2024)
Atrial			
Intrinsic Amplitude	N/R	N/R	N/R
Pace Impedance	>3000 Ω	>3000 Ω	N/R
Pace Threshold	N/R	N/R	
Right Ventricular			
Intrinsic Amplitude	6.0 mV	7.2 mV	N/R
Pace Impedance	400 Ω	425 Ω	404 Ω
Pace Threshold	0.9 V @ 0.4 ms	0.9 V @ 0.4 ms	
Left Ventricular			
Intrinsic Amplitude	7.0 mV	5.7 mV	N/R
Pace Impedance	550 Ω	562 Ω	523 Ω
Pace Threshold	2.0 V @ 1.0 ms	1.2 V @ 1.0 ms	
Shock			
Shock Impedance	35 Ω	39 Ω	38 Ω

Settings

Ventricular Tachy

VF 200 bpm
VT 170 bpm

ATP
Scan Ramp

31 J, 41 J, 41 Jx6
21 J, 41 J, 41 Jx4

Brady/CRT

Mode VVIR
Lower Rate Limit 70 ppm
Maximum Sensor Rate 130 ppm
RV-Refractory (RVRP) 230 - 250 ms
LV-Refractory (LVRP) 250 ms
Ventricular Pacing Chamber BiV
LV Offset -30 ms

Pacing Output

Right Ventricular 2.0 V @ 0.4 ms
Left Ventricular 2.2 V @ 1.0 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/LVtip>>LVring

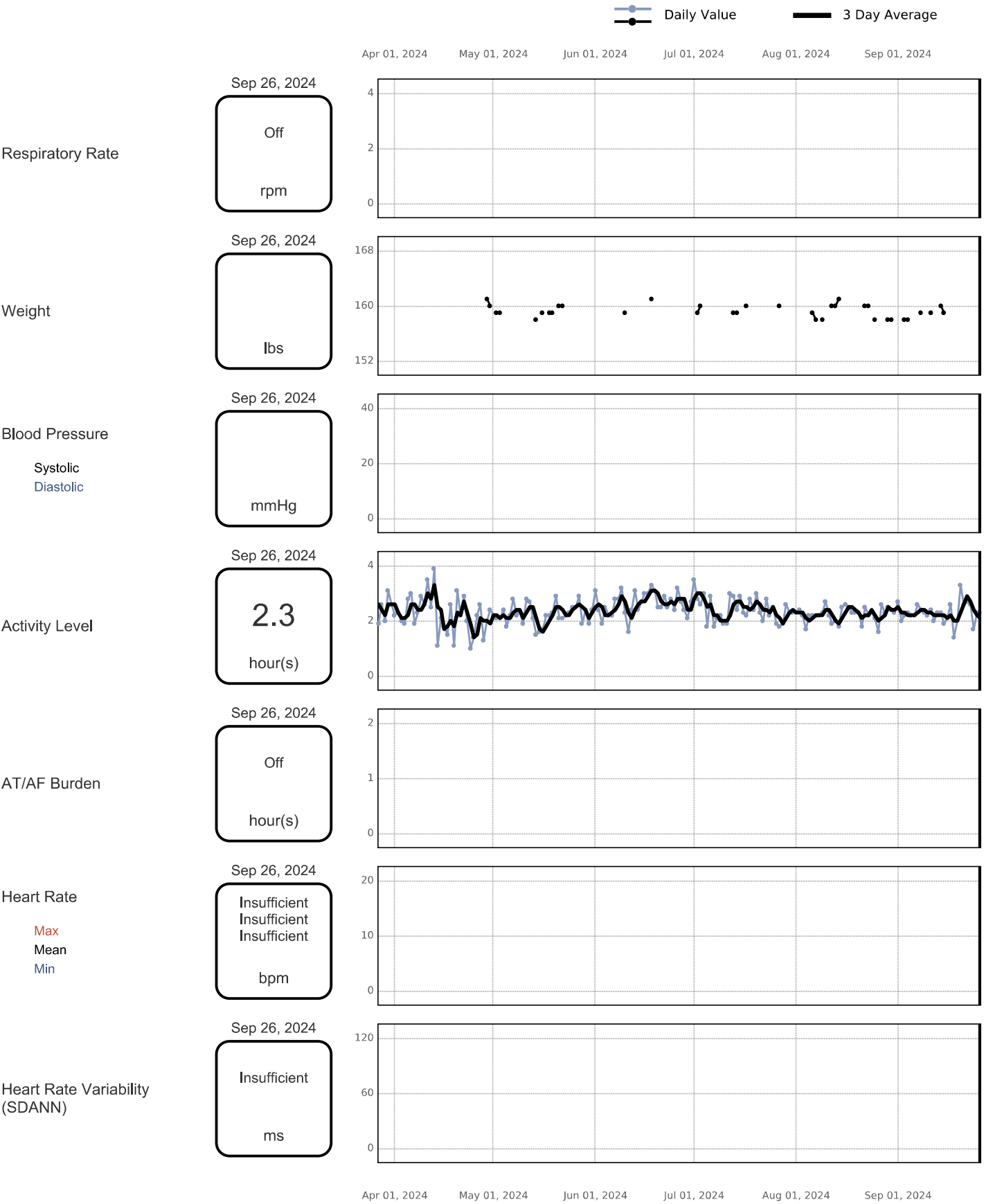
Rate Adaptive Pacing

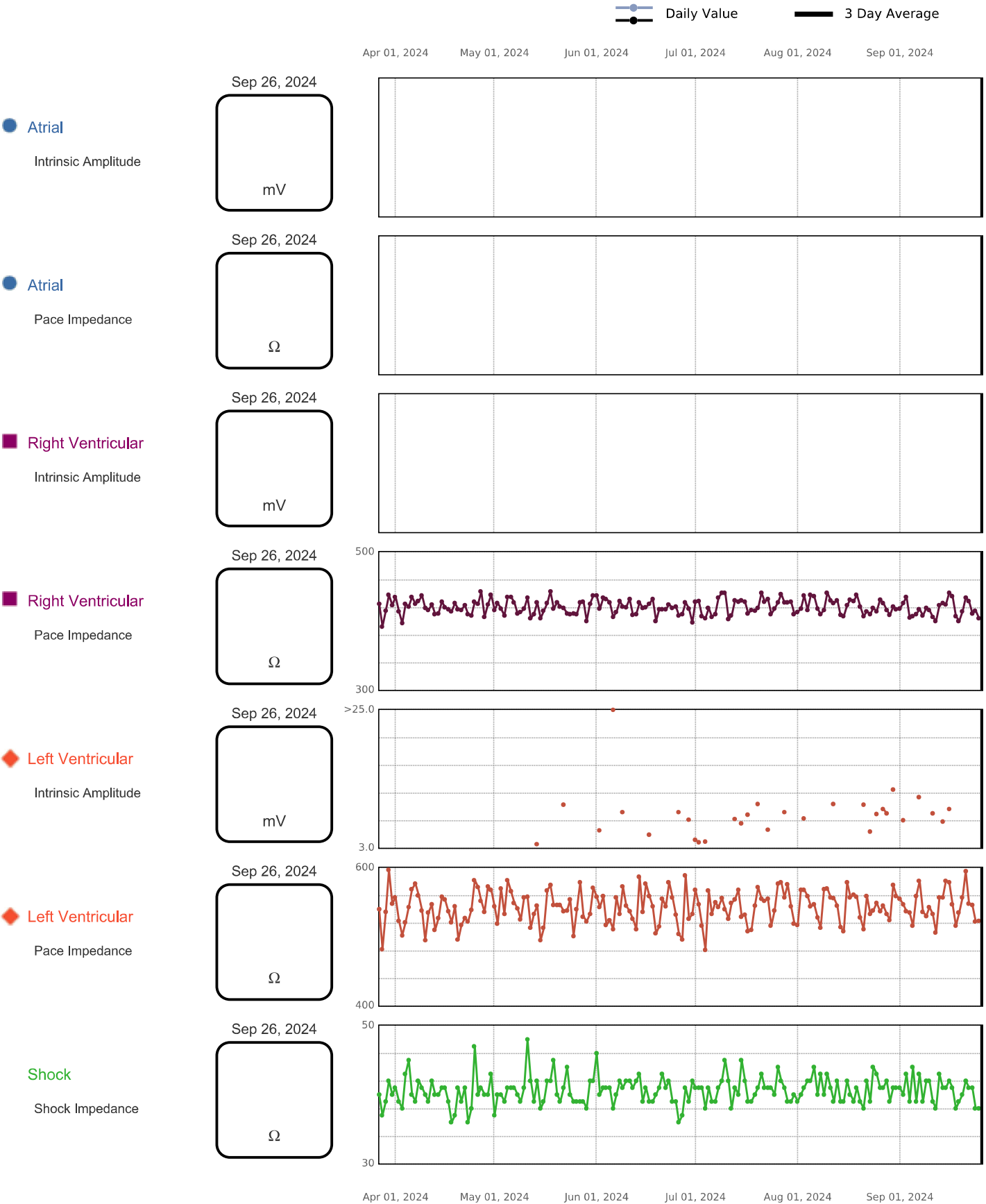
Accelerometer On

Rhythm ID Update

Last Successful Completion N/R

Trend Graphs





Ventricular Tachy Counters		Since Last Reset Dec 12, 2023	Device Totals
Ventricular Episode Counters			
Total Episodes		0	1
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		0	1
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 364 day(s) Dec 13, 2022 to Dec 12, 2023	Since Last Reset 289 day(s) Dec 12, 2023 to Sep 26, 2024
Counters			
% A Paced		0	0
% RV Paced		99	99
% LV Paced		100	100
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	0
Three or More PVCs		0	0
Clinical Counters		Since Last Reset Dec 12, 2023	Device Totals
MRI Protection Mode		0	0

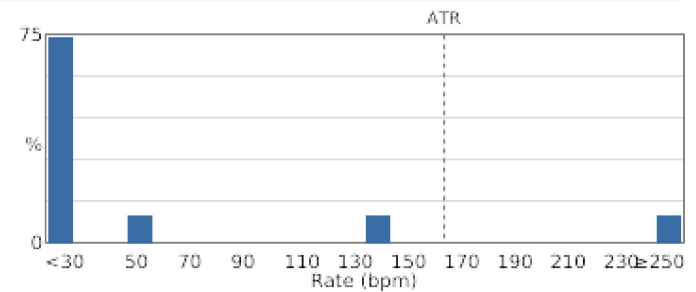
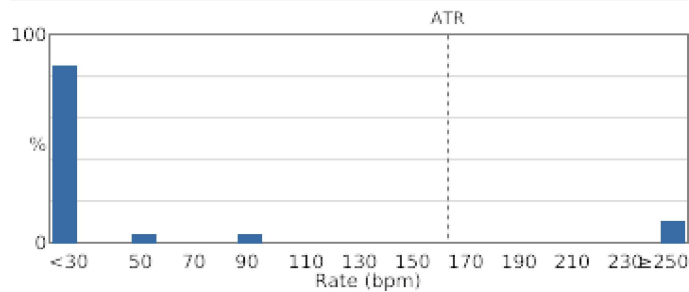
Histograms



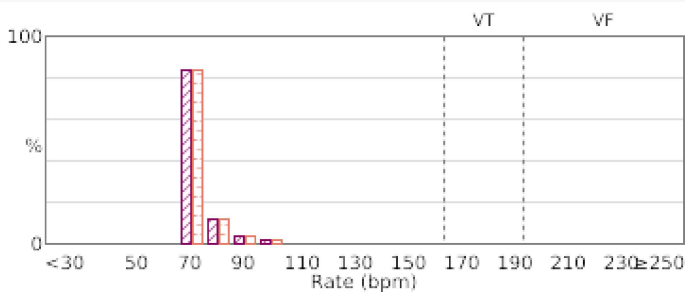
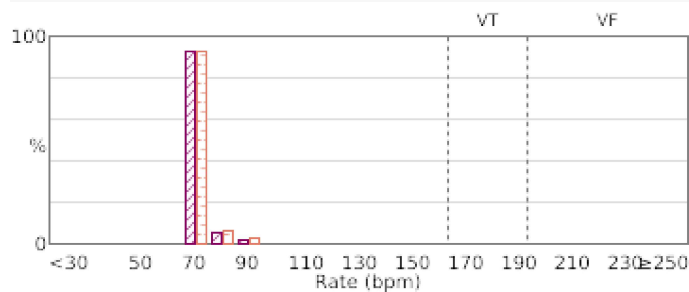
Reset Before Last
364 day(s)
Dec 13, 2022 to Dec 12, 2023

Since Last Reset
289 day(s)
Dec 12, 2023 to Sep 26, 2024

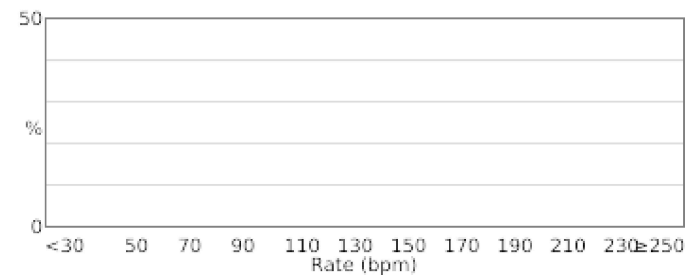
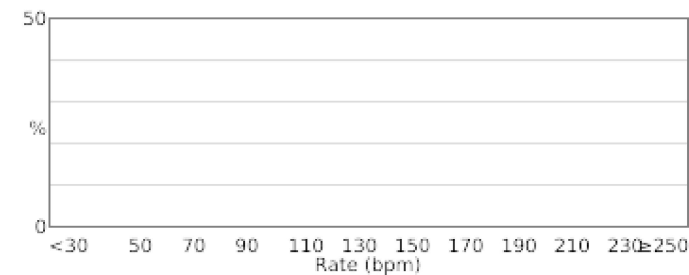
Atrial Activity



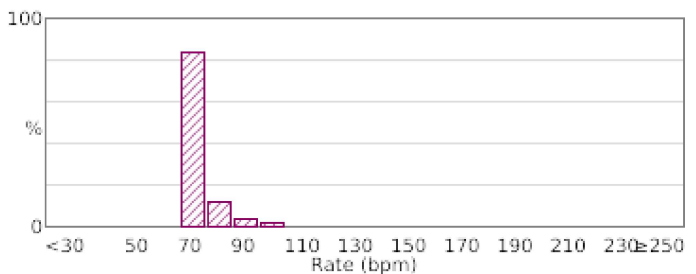
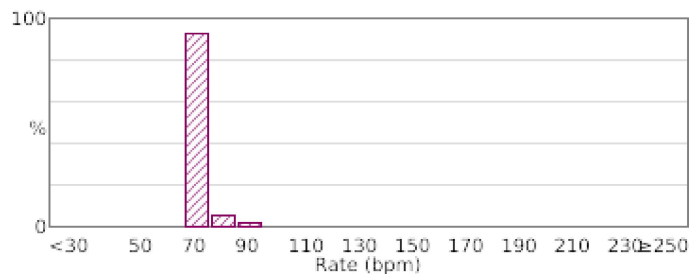
Ventricular Activity



Ventricular Response to Atrial Pace



Ventricular Response to Atrial Sense



Histogram Rate Counts

Atrial	Reset Before Last 364 day(s) Dec 13, 2022 to Dec 12, 2023		Since Last Reset 289 day(s) Dec 12, 2023 to Sep 26, 2024	
	Paced	Sensed	Paced	Sensed
0-29	0	26	0	8
30-39	0	0	0	0
40-49	0	0	0	0
50-59	0	1	0	1
60-69	0	0	0	0
70-79	0	0	0	0
80-89	0	0	0	0
90-99	0	1	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	1
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	3	0	1

Right Ventricular	Reset Before Last 364 day(s) Dec 13, 2022 to Dec 12, 2023		Since Last Reset 289 day(s) Dec 12, 2023 to Sep 26, 2024	
	Paced	Sensed	Paced	Sensed
0-29	0	0	0	0
30-39	0	0	0	0
40-49	3	3	0	0
50-59	0	0	0	0
60-69	0	0	0	0
70-79	34.9M	66.3K	25.5M	61.5K
80-89	2.0M	84.4K	3.4M	110.7K
90-99	547.0K	93.1K	911.5K	87.7K
100-109	89.9K	51.8K	438.6K	26.6K
110-119	10.6K	6.9K	69.7K	6.5K
120-129	2.7K	1.2K	13.1K	1.3K
130-139	215	657	2.3K	597
140-149	0	348	0	306
150-159	0	155	0	126
160-169	0	82	0	78
170-179	0	76	0	24
180-189	0	30	0	16
190-199	0	9	0	4
200-209	0	1	0	3
210-219	0	1	0	1
220-229	0	0	0	0
230-239	0	0	0	0
240-249	0	1	0	1
>=250	0	1	0	0

Left Ventricular	Reset Before Last 364 day(s) Dec 13, 2022 to Dec 12, 2023		Since Last Reset 289 day(s) Dec 12, 2023 to Sep 26, 2024		
	Rate (bpm)	Paced	Sensed	Paced	Sensed
0-29	0	0	0	0	0
30-39	0	0	0	0	0
40-49	3	3	0	0	0
50-59	5	0	1	0	0
60-69	2.3K	2	30.0K	1	
70-79	35.0M	891	25.6M	626	
80-89	2.1M	7.2K	3.5M	25.6K	
90-99	628.6K	3.7K	959.9K	41.9K	
100-109	135.5K	3.4K	459.6K	7.0K	
110-119	16.1K	1.1K	73.1K	1.0K	
120-129	3.1K	652	13.5K	620	
130-139	234	354	2.3K	321	
140-149	0	204	9	124	
150-159	0	116	2	63	
160-169	0	43	0	36	
170-179	0	20	0	24	
180-189	0	9	0	8	
190-199	0	6	0	3	
200-209	0	1	0	1	
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

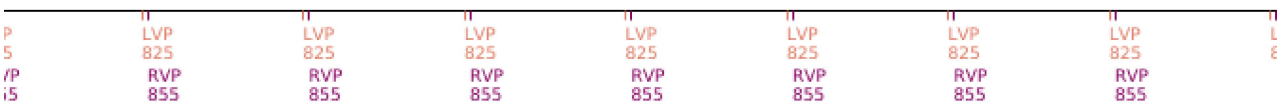
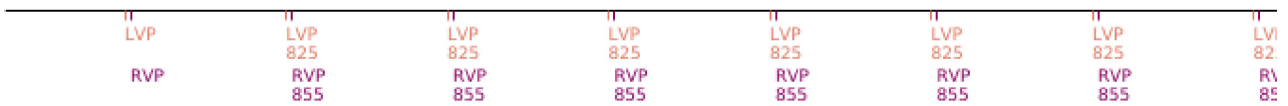
Last Measured:

Data unavailable

Reference:

Data unavailable

EGM displayed at 25mm per second

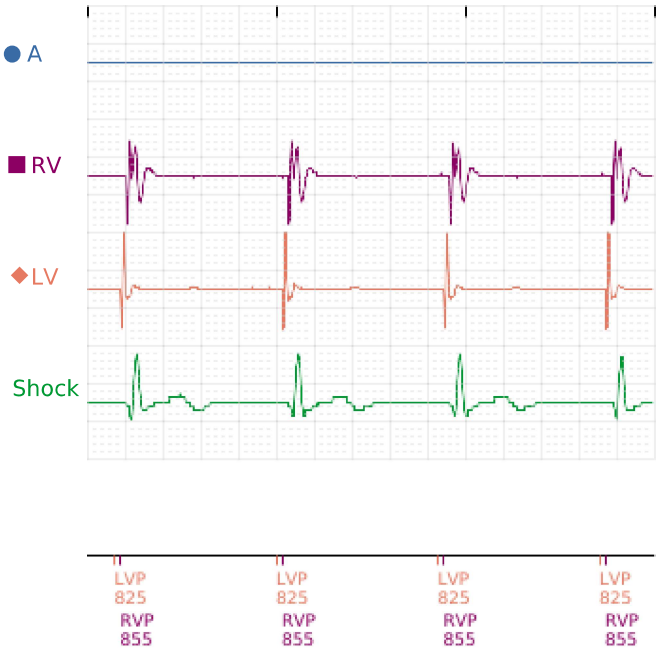




LVP 825	LVP 825	LVP 825	LVP 825	LVP 825	LVP 825	LVP 825	LVP 825
RVP 855	RVP 855	RVP 855	RVP 855	RVP 855	RVP 855	RVP 855	RVP 855



LVP 825	LVP 825	LVP 825	LVP 825	LVP 825	LVP 825	LVP 825	LVP 825
RVP 855	RVP 855	RVP 855	RVP 855	RVP 855	RVP 855	RVP 855	RVP 855



Battery (Continued)			
Last Delivered Shock	N/R	Time Since Implant	62 months
Energy	N/R	Charge Remaining	1.22 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 89% 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
		◆ LV	100% pacing, 70 ppm, 3.5 V, 0.4 ms, 700 Ω



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Clinic: **UC Irvine Med Center Cardiology**
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Tachy Mode: **Monitor + Therapy**

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Patient Group: **UC Irvine Med Center Cardiology (Primary)**

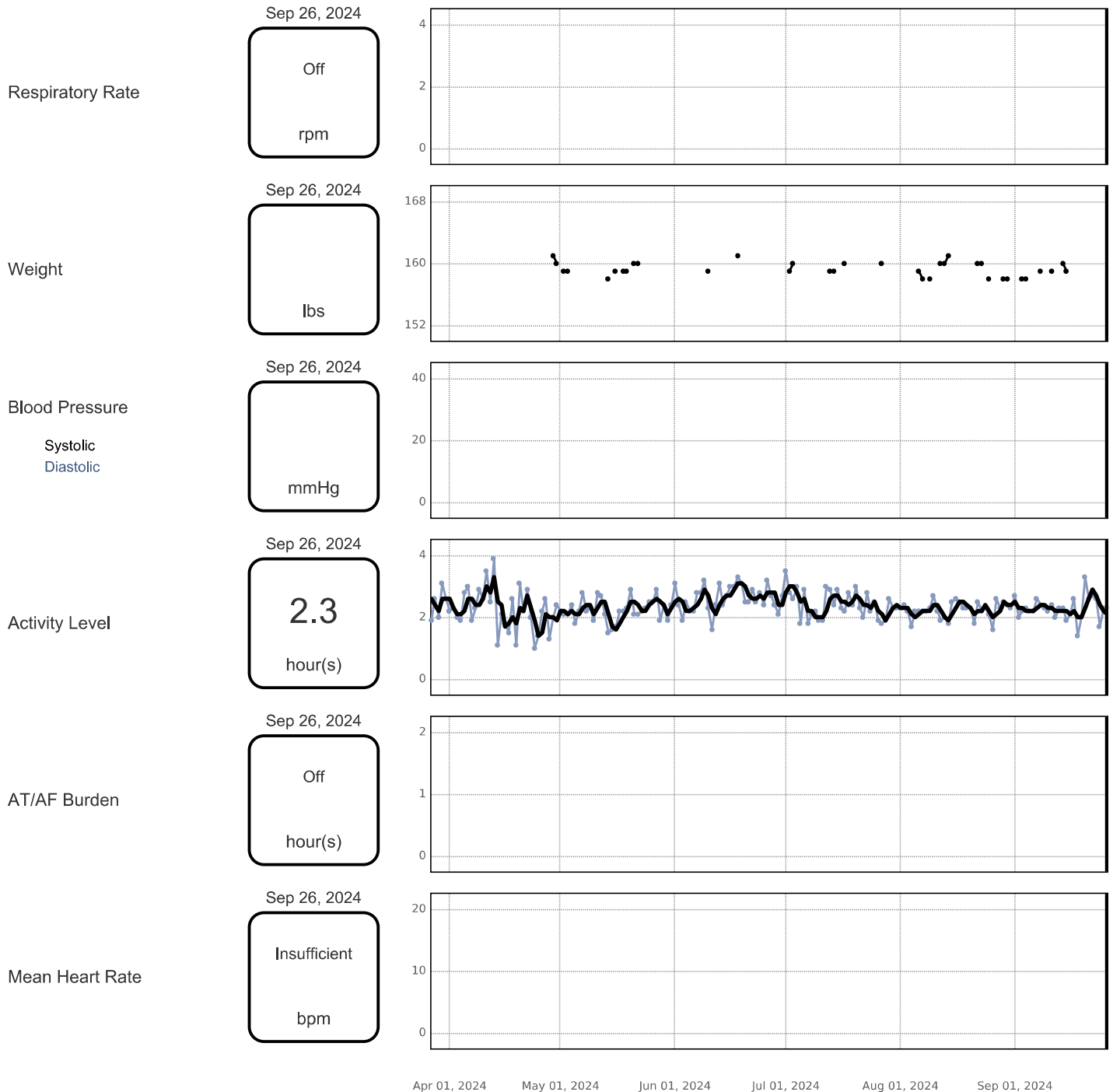
My Alerts

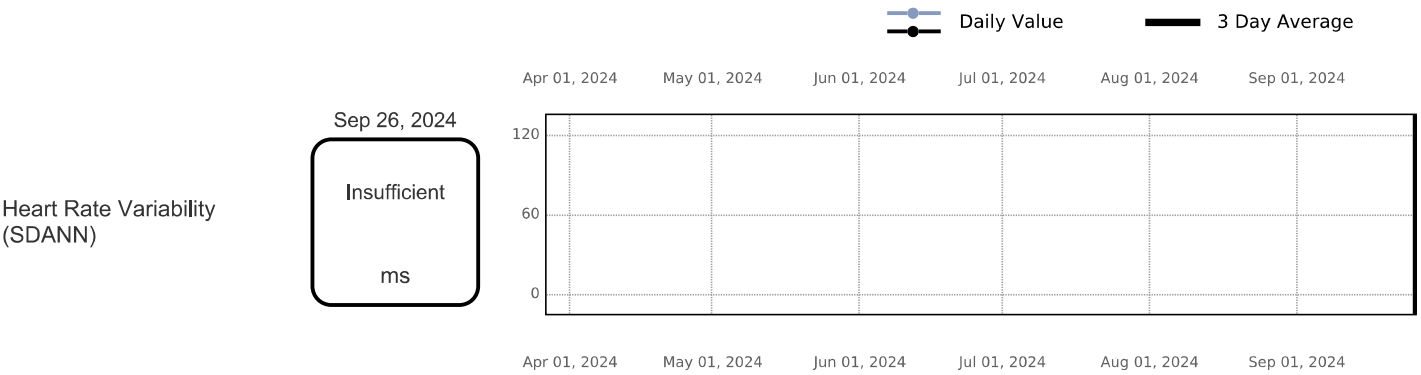
There are no alerts to display.

Trend Graphs

Daily Value 3 Day Average

Apr 01, 2024 May 01, 2024 Jun 01, 2024 Jul 01, 2024 Aug 01, 2024 Sep 01, 2024





Battery OK

Approximate time to explant: 6.5 years from Sep 26, 2024

Date	Respiratory Rate (rpm)	Weight (lbs)	Blood Pressure (mmHg)	Activity Level (hour(s))	AT/AF Burden (hour(s), events)	Mean Heart Rate (bpm)	Heart Rate Variability (SDANN) (ms)
Sep 26, 2024	N/R			2.3	N/R, N/R	N/R	N/R
Sep 25, 2024	N/R			2.3	N/R, N/R	N/R	N/R
Sep 24, 2024	N/R			1.7	N/R, N/R	N/R	N/R
Sep 23, 2024	N/R			2.6	N/R, N/R	N/R	N/R
Sep 22, 2024	N/R			2.7	N/R, N/R	N/R	N/R
Sep 21, 2024	N/R			2.6	N/R, N/R	N/R	N/R
Sep 20, 2024	N/R			3.3	N/R, N/R	N/R	N/R
Sep 19, 2024	N/R			2.0	N/R, N/R	N/R	N/R
Sep 18, 2024	N/R			1.4	N/R, N/R	N/R	N/R
Sep 17, 2024	N/R			2.6	N/R, N/R	N/R	N/R
Sep 16, 2024	N/R			2.1	N/R, N/R	N/R	N/R
Sep 15, 2024	N/R	159		1.9	N/R, N/R	N/R	N/R
Sep 14, 2024	N/R	160		2.3	N/R, N/R	N/R	N/R
Sep 13, 2024	N/R			2.3	N/R, N/R	N/R	N/R
Sep 12, 2024	N/R			2.0	N/R, N/R	N/R	N/R
Sep 11, 2024	N/R	159		2.4	N/R, N/R	N/R	N/R
Sep 10, 2024	N/R			2.2	N/R, N/R	N/R	N/R
Sep 09, 2024	N/R			2.3	N/R, N/R	N/R	N/R
Sep 08, 2024	N/R	159		2.4	N/R, N/R	N/R	N/R
Sep 07, 2024	N/R			2.6	N/R, N/R	N/R	N/R
Sep 06, 2024	N/R			2.2	N/R, N/R	N/R	N/R
Sep 05, 2024	N/R			2.2	N/R, N/R	N/R	N/R
Sep 04, 2024	N/R	158		2.3	N/R, N/R	N/R	N/R
Sep 03, 2024	N/R	158		2.2	N/R, N/R	N/R	N/R
Sep 02, 2024	N/R			2.0	N/R, N/R	N/R	N/R
Sep 01, 2024	N/R			2.7	N/R, N/R	N/R	N/R
Aug 31, 2024	N/R			2.3	N/R, N/R	N/R	N/R
Aug 30, 2024	N/R	158		2.4	N/R, N/R	N/R	N/R
Aug 29, 2024	N/R	158		2.5	N/R, N/R	N/R	N/R
Aug 28, 2024	N/R			2.3	N/R, N/R	N/R	N/R