


| | | |
|---|----------------------------------|--|
|  | ZOOM® View™ | Report Created 11 Dec 2020 |
| | Combined Follow-up Report | Last Office Interrogation 09-DEC-2017 Implant Date N.R. N.R. N.R. |
| Device ALTRUA 50 S504/573497 | | |

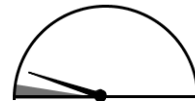
Events Since Last Reset

01-DEC-2017 08:28 ATR at 74 min⁻¹
 26-NOV-2017 20:28 V-Tachy at 190 min⁻¹
 See last page for full list of Events Since Last Reset.

Battery Good

Longevity Remaining <0.5 years
 @ Current Pacing Percentage(s)
 Magnet Rate 90 min⁻¹

Elective Replacement (ERT)
End of Life (EOL)



Beginning of Life (BOL)

Leads Data

Implant
N.R. N.R. N.R.

Previous Session

Present Session
09-DEC-2017

Atrial

| | | | |
|---------------------|---------|--------|--------|
| Intrinsic Amplitude | N.R. mV | 0.4 mV | 0.2 mV |
| Pace Impedance | N.R. Ω | | |
| Pace Threshold | N.R. V | | |

Ventricular

| | | | |
|---------------------|---------|--------|----------------|
| Intrinsic Amplitude | N.R. mV | >12 mV | >12 mV |
| Pace Impedance | N.R. Ω | 1140 Ω | 1080 Ω |
| Pace Threshold | N.R. V | | 0.5 V @ 0.4 ms |

Settings

Ventricular Tachy Settings

Ventricular Tachy Detection On
 Rate 170 min⁻¹
 Duration 8 cycles

Atrial Tachy Settings

ATR Mode Switch 170 min⁻¹ VDI

Brady Settings

| | | | |
|-----------------------|-----------------------|--------------------|-----------------|
| Mode | VDD | Pacing Output | |
| Lower Rate Limit | 60 min ⁻¹ | Ventricular | 2.0 V @ 0.40 ms |
| Maximum Tracking Rate | 130 min ⁻¹ | Sensitivity | |
| Maximum Sensor Rate | -- min ⁻¹ | Atrial | 0.15 mV |
| Paced AV Delay | 80 - 150 ms | Ventricular | 2.5 mV |
| A-Refractory (PVARP) | 240 - 250 ms | Lead Configuration | Split |
| V-Refractory (VRP) | 250 ms | A-Sense | Bipolar |
| | | V-Pace | Unipolar |
| | | V-Sense | Bipolar |

Daily Measurement

| Date | Atrial Amplitude (mV) | Amplitude (mV) | Ventricular Impedance (Ω) | Threshold (V) |
|-------------|-----------------------|----------------|---------------------------|---------------|
| 08-DEC-2017 | 0.3 | >12.0 | 1140 | Off |
| 07-DEC-2017 | 0.6 | N.R. | 1000 | Off |
| 06-DEC-2017 | 0.6 | >12.0 | 1190 | Off |

Daily Measurement (Continued)

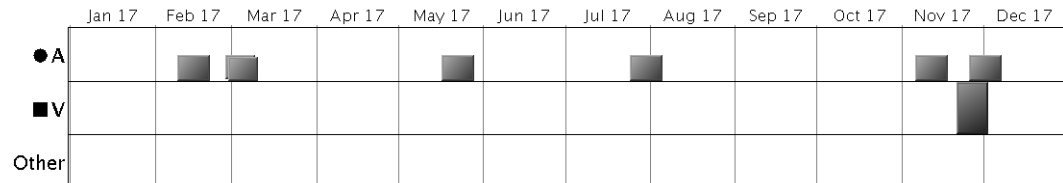
| Date | Atrial Amplitude (mV) | Amplitude (mV) | Ventricular Impedance (Ω) | Threshold (V) |
|-------------|-----------------------------|-------------------|---------------------------------|------------------|
| 05-DEC-2017 | 0.3 | N.R. | 1080 | Off |
| 04-DEC-2017 | 0.3 | N.R. | 1010 | Off |
| 03-DEC-2017 | 0.4 | N.R. | 1000 | Off |
| 02-DEC-2017 | 0.5 | N.R. | 1010 | Off |
| 26-NOV-2017 | 0.2 | >12.0 | 1060 | Off |
| 19-NOV-2017 | 0.2 | N.R. | 1030 | Off |
| 12-NOV-2017 | 0.3 | 11.6 | 1030 | Off |
| 05-NOV-2017 | 0.4 | >12.0 | 1060 | Off |
| 29-OCT-2017 | 0.3 | 10.1 | 1080 | Off |
| 22-OCT-2017 | 0.3 | >12.0 | 1100 | Off |
| 15-OCT-2017 | 0.3 | >12.0 | 1060 | Off |
| 08-OCT-2017 | 0.2 | >12.0 | 1090 | Off |
| 01-OCT-2017 | 0.4 | >12.0 | 1100 | Off |
| 24-SEP-2017 | 0.2 | >12.0 | 1020 | Off |
| 17-SEP-2017 | 0.3 | 11.9 | 1030 | Off |
| 10-SEP-2017 | 0.2 | 11.7 | 1080 | Off |
| 03-SEP-2017 | 0.2 | >12.0 | 1070 | Off |
| 27-AUG-2017 | 0.3 | 11.6 | 1090 | Off |
| 20-AUG-2017 | 0.3 | N.R. | 1070 | Off |
| 13-AUG-2017 | 0.3 | >12.0 | 1090 | Off |
| 06-AUG-2017 | 0.2 | 10.7 | 1060 | Off |
| 30-JUL-2017 | 0.2 | N.R. | 1070 | Off |
| 23-JUL-2017 | 0.2 | >12.0 | 1060 | Off |
| 16-JUL-2017 | 0.3 | 2.9 | 1080 | Off |
| 09-JUL-2017 | 0.2 | >12.0 | 1040 | Off |
| 02-JUL-2017 | 0.3 | >12.0 | 1060 | Off |
| 25-JUN-2017 | 0.3 | >12.0 | 1070 | Off |
| 18-JUN-2017 | 0.2 | >12.0 | 1010 | Off |
| 11-JUN-2017 | 0.2 | 10.8 | 1040 | Off |
| 04-JUN-2017 | 0.2 | 10.5 | 1040 | Off |
| 28-MAY-2017 | 0.2 | 11.7 | 1010 | Off |
| 21-MAY-2017 | 0.3 | 10.1 | 1010 | Off |
| 14-MAY-2017 | 0.3 | >12.0 | 1000 | Off |
| 07-MAY-2017 | 0.3 | >12.0 | 1010 | Off |
| 30-APR-2017 | 0.2 | 11.4 | 1010 | Off |
| 23-APR-2017 | 0.3 | N.R. | 1010 | Off |
| 16-APR-2017 | 0.2 | 11.7 | 1010 | Off |
| 09-APR-2017 | 0.4 | N.R. | 1030 | Off |
| 02-APR-2017 | 0.3 | >12.0 | 1060 | Off |
| 26-MAR-2017 | 0.3 | 10.6 | 1010 | Off |
| 19-MAR-2017 | 0.2 | >12.0 | 1020 | Off |
| 12-MAR-2017 | 0.2 | >12.0 | 1080 | Off |
| 05-MAR-2017 | 0.4 | >12.0 | 1090 | Off |

Daily Measurement (Continued)

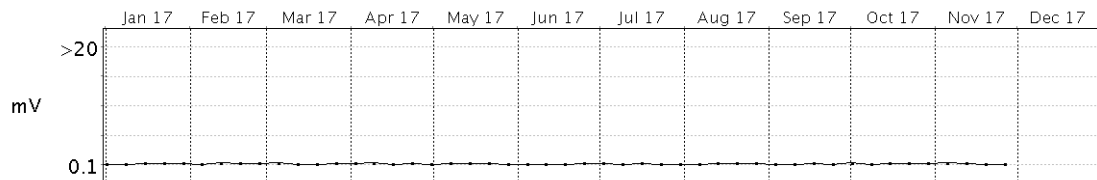
| Date | Atrial Amplitude (mV) | Amplitude (mV) | Ventricular Impedance (Ω) | Threshold (V) |
|-------------|-----------------------|----------------|------------------------------------|---------------|
| 26-FEB-2017 | 0.3 | 11.5 | 1080 | Off |
| 19-FEB-2017 | 0.3 | >12.0 | 1020 | Off |
| 12-FEB-2017 | 0.4 | >12.0 | 1120 | Off |
| 05-FEB-2017 | 0.2 | >12.0 | 1060 | Off |
| 29-JAN-2017 | 0.3 | >12.0 | 1080 | Off |
| 22-JAN-2017 | 0.3 | >12.0 | 1100 | Off |
| 15-JAN-2017 | 0.3 | N.R. | 1060 | Off |
| 08-JAN-2017 | 0.2 | 11.6 | 1100 | Off |
| 01-JAN-2017 | 0.2 | >12.0 | 1060 | Off |
| 25-DEC-2016 | 0.2 | >12.0 | 1060 | Off |
| 18-DEC-2016 | 0.2 | >12.0 | 1040 | Off |

Trends

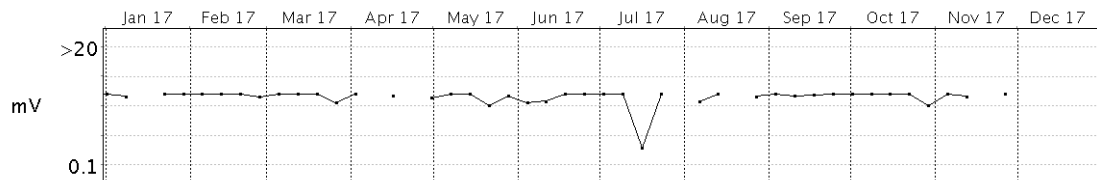
Events



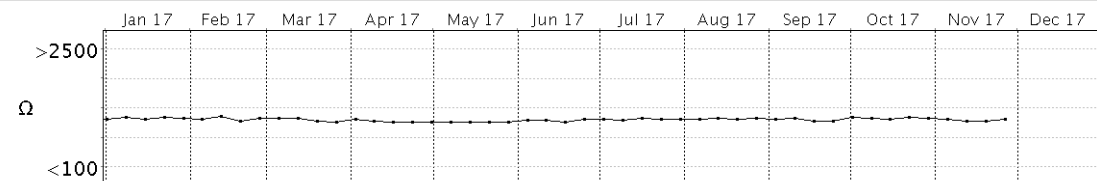
P-Wave Amplitude



R-Wave (V) Amplitude

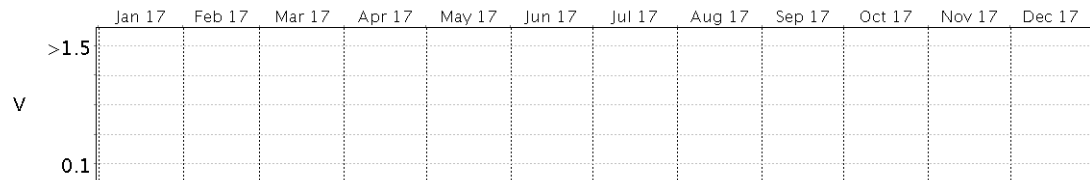


V Pace Impedance



Trends (Continued)

V Pace Threshold



Ventricular Tachy Counters

Since Last Reset

Ventricular Episode Counters

Ventricular Tachy Detections

7

Brady Counters

Percentages

Since Last Reset

Counters

| | | |
|-------------------------------|-------|--------|
| A Sensed | 100 % | 288.8M |
| V Paced | 100 % | 308.6M |
| V Sensed | 0 % | 638.7K |
| Paced and Sensed | | |
| A-sensed / V-sensed | 0 % | 638.7K |
| A-sensed / V-paced | 100 % | 308.6M |
| Pacemaker Wenckebach Counters | | 8.8K |

Intrinsic Promotion

| | | |
|---------------------|--|---|
| AV Hysteresis | | |
| Searches | | 0 |
| Successful Searches | | 0 |
| Rate Hysteresis | | |
| Searches | | 0 |
| Successful Searches | | 0 |

Atrial Burden

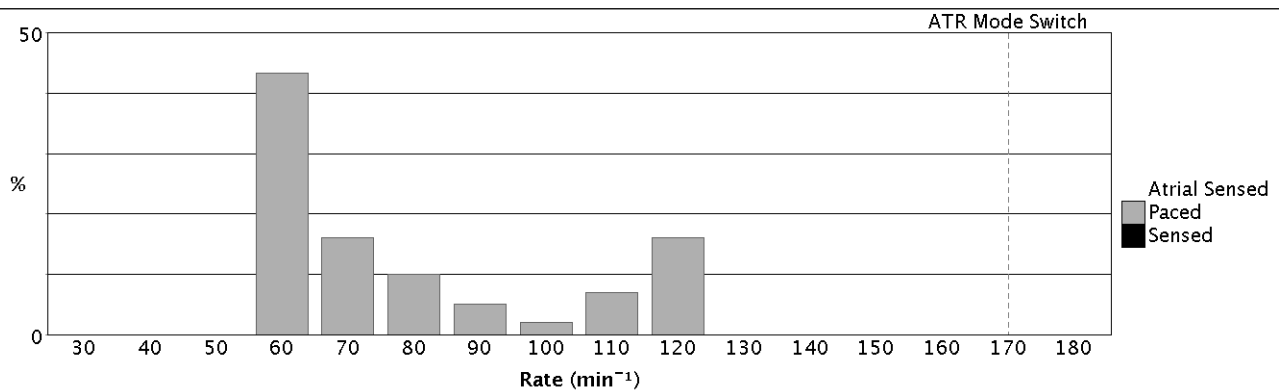
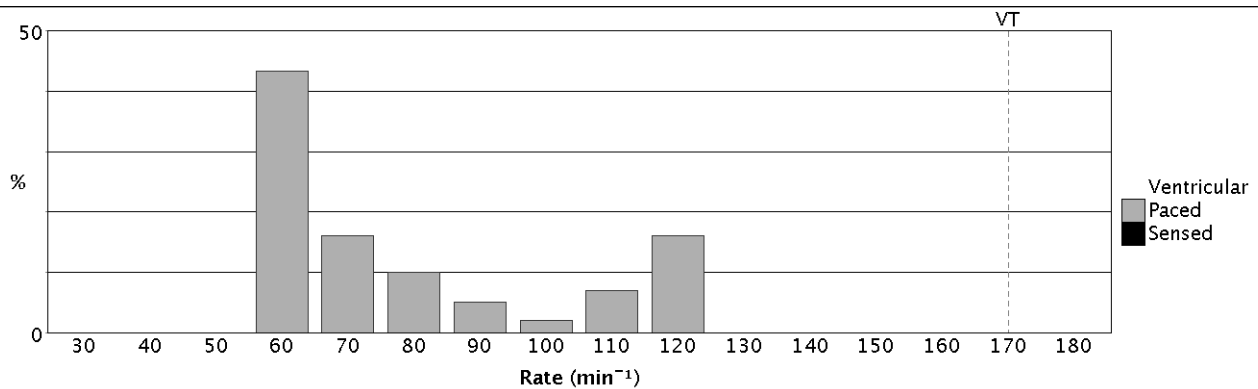
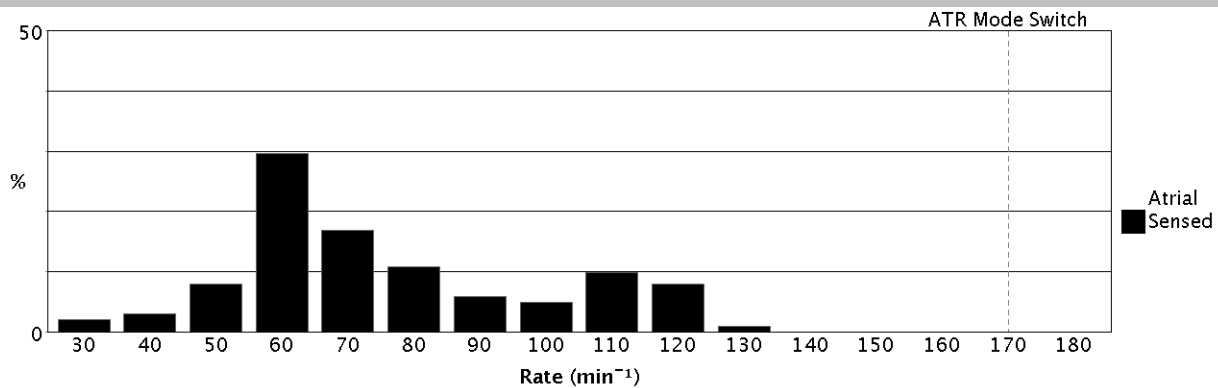
| | | |
|-------------------------|-----|---------|
| ATR Mode Switches | | 37 |
| Average Duration | | 0.0 min |
| Maximum Duration | | 0.2 min |
| Total Mode Switch Time | 0 % | 1.6 min |
| Atrial Tachy Detections | | 0 |
| PACs | | 34.7M |

Ventricular Counters

| | | |
|--------------------------------|--|--------|
| Single or Double PVCs | | 535.3K |
| Three or More PVCs | | 8.1K |
| Ventricular Interval Variation | | |
| Variation 0 <= 10% | | 254.5M |
| Variation 10 <= 20% | | 4.7M |
| Variation 20 <= 30% | | 1.2M |
| Variation > 30% | | 49.5M |

Histograms

Since Last Reset



All Events Since Last Reset

| | |
|-------------------|----------------------------------|
| 01-DEC-2017 08:28 | ATR at 74 min ⁻¹ |
| 26-NOV-2017 20:28 | V-Tachy at 190 min ⁻¹ |
| 11-NOV-2017 18:11 | ATR at 74 min ⁻¹ |
| 30-JUL-2017 09:14 | ATR at 84 min ⁻¹ |
| 22-MAY-2017 15:32 | ATR at 75 min ⁻¹ |
| 13-MAR-2017 16:00 | ATR at 130 min ⁻¹ |
| 04-MAR-2017 17:11 | ATR at 83 min ⁻¹ |

All Events Since Last Reset (Continued)

| | |
|-------------------|----------------------------------|
| 15-FEB-2017 04:04 | ATR at 125 min ⁻¹ |
| 05-NOV-2016 12:00 | ATR at 76 min ⁻¹ |
| 31-OCT-2016 09:17 | ATR at 140 min ⁻¹ |
| 05-OCT-2016 07:49 | ATR at 67 min ⁻¹ |
| 15-APR-2016 10:11 | ATR at 130 min ⁻¹ |
| 26-MAR-2016 13:33 | ATR at 74 min ⁻¹ |
| 06-JAN-2016 07:23 | ATR at 100 min ⁻¹ |
| 29-DEC-2015 08:59 | ATR at 110 min ⁻¹ |
| 19-SEP-2015 09:46 | ATR at 64 min ⁻¹ |
| 16-APR-2015 12:50 | ATR at 95 min ⁻¹ |
| 06-APR-2015 08:36 | ATR at 73 min ⁻¹ |
| 05-DEC-2014 16:49 | ATR at 78 min ⁻¹ |
| 25-SEP-2014 04:36 | ATR at 81 min ⁻¹ |
| 13-MAY-2014 18:50 | V-Tachy at 190 min ⁻¹ |
| 20-JUL-2013 07:27 | V-Tachy at 210 min ⁻¹ |
| 27-APR-2013 09:46 | ATR at 100 min ⁻¹ |
| 22-MAR-2013 08:54 | ATR at 90 min ⁻¹ |
| 17-MAR-2013 01:22 | V-Tachy at 190 min ⁻¹ |
| 15-FEB-2013 05:36 | ATR at 80 min ⁻¹ |
| 03-JAN-2013 06:07 | ATR at 75 min ⁻¹ |
| 02-JAN-2013 00:22 | ATR at 50 min ⁻¹ |
| 06-NOV-2012 18:34 | ATR at 45 min ⁻¹ |
| 28-DEC-2011 06:22 | ATR at 71 min ⁻¹ |
| 12-SEP-2011 04:20 | V-Tachy at 180 min ⁻¹ |
| 02-JUL-2011 07:08 | V-Tachy at 200 min ⁻¹ |
| 17-JUN-2011 11:16 | ATR at 175 min ⁻¹ |
| 17-JUN-2011 11:16 | V-Tachy at 175 min ⁻¹ |
| 31-MAY-2011 06:46 | ATR at 85 min ⁻¹ |
| 06-MAR-2011 04:06 | ATR at 83 min ⁻¹ |
| 19-JUN-2010 07:49 | ATR at 58 min ⁻¹ |
| 04-MAY-2010 06:48 | ATR at 78 min ⁻¹ |