

LATITUDE™ Patient Management - Device Settings Report		Report Created: 24 Nov 2025
	Date of Birth:	Latest Device Transmission: 20 Nov 2025 00:52 CET
	Device: RESONATE X4 CRT-D	Last Office Interrogation: 24 Jul 2024
	G447/230953	Implant Date: 02 Nov 2020
	Clinic: CHU Haut Leveque Bordeaux HOPIT,	Patient Group: TACHY_CHU de Bordeaux (Primary)
	Search Tags:	Age, Gender: 78,
	Tachy Mode: Monitor + Therapy	

Programming

Last Programmed	24 Jul 2024
Ventricular Tachy Mode	02 Nov 2020 Changed to Monitor + Therapy
	02 Nov 2020 Changed to Off

Ventricular Tachy

VF 250 min ⁻¹ (240 ms)			
Detection/Redetection		Therapy	
Initial Duration	5.0 s	QUICK CONVERT™ ATP	250 min ⁻¹
Redetection Duration	1.0 s	Shock 1	41 J
Post-Shock Duration	1.0 s	Shock 2	41 J
		Additional 41 J Shocks	6
VT 185 min ⁻¹ (324 ms)			
Detection/Redetection		ATP1	Burst
Initial Duration	12.0 s	Number of Bursts	4
Redetection Duration	1.0 s	Pulses per Burst	
Post-Shock Duration	1.0 s	Initial	8
Enhancements	Onset/Stability	Increment	1
		Maximum	10
VT Detection	On	Coupling Interval	88 %
Atrial Tachy Discrimination		Decrement	0 ms
Sinus Tachycardia Discrimination		Burst Cycle Length	88 %
Initial Detection	V Rate > A Rate	Ramp Decrement	0 ms
	AFib Rate Threshold	Scan Decrement	0 ms
	Stability	Minimum Interval	220 ms
Onset	And	ATP2	Off
Sustained Rate Duration	9 %	ATP Time-out	Off
Post-Shock Detection	Off	Shocks	
		Shock 1	41 J
		Shock 2	41 J
		Shock 3-6	41 J
V Rate > A Rate	On		
AFib Rate Threshold	170 min ⁻¹		
Stability	20 ms		
Sustained Rate Duration	Off		
Ventricular Tachy Therapy Setup			
ATP		Shock (All Shocks)	
RV ATP Amplitude	5.0 V	Waveform	Biphasic
RV ATP Pulse Width	1.0 ms	Committed Shock	Off
LV ATP Amplitude	5.0 V	Lead Polarity	Initial
LV ATP Pulse Width	1.0 ms	Shock Lead Vector	RV Coil to Can
Magnet and Beeper			
Magnet Response	Inhibit Therapy		
Beep During Capacitor Charge	Off		

Atrial Tachy**Therapy****ATR Mode Switch Details**

ATR Mode Switch	On
Trigger Rate	170 min ⁻¹
Duration	8 cycles
Entry Count	8 cycles
Exit Count	8 cycles
Fallback	
Mode	DDI
Time	00:30 mm:ss
ATR/VTR Fallback LRL	70 min ⁻¹
Ventricular Rate Regulation	Min
BiV Trigger	On
Maximum Pacing Rate	130 min ⁻¹

Atrial Tachy Response

Atrial Flutter Response	Off
PMT Termination	On
Ventricular Regulation	
BiV Trigger	Off

Brady/CRT**Normal Settings**

Mode	DDD
Lower Rate Limit	50 min ⁻¹
Maximum Tracking Rate	130 min ⁻¹
Paced AV Delay	150 - 150 ms
Sensed AV Delay	120 - 120 ms
A-Refractory (PVARP)	240 - 280 ms
RV-Refractory (RVRP)	230 - 250 ms
LV-Refractory (LVRP)	250 ms
Ventricular Pacing Chamber	BiV
LV Offset	0 ms
PVARP after PVC	400 ms
LV Protection Period	400 ms

Blanking

A-Blank after V-Pace	Smart
A-Blank after RV-Sense	Smart
RV-Blank after A-Pace	65 ms
LV-Blank after A-Pace	Smart
Noise Response	DOO

Rate Enhancements

Rate Smoothing	
Up	Off
Down	Off
Rate Hysteresis	
Hysteresis Offset	Off
Tracking Preference	On

PaceSafe™ LV Automatic Threshold

Maximum Amplitude	5.0 V
Safety Margin	1.0 V

Post-Therapy Settings

Lower Rate Limit	45 min ⁻¹
------------------	----------------------

Output

● Atrial	5.0 V @ 1.0 ms
■ Right Ventricular	5.0 V @ 1.0 ms
◆ Left Ventricular	5.0 V @ 1.0 ms

Note: Post Therapy pacing uses the Brady Normal settings in combination with settings shown in this section.

Pacing Output

● Atrial	Trend 2.5 V @ 0.4 ms
■ Right Ventricular	Trend 2.5 V @ 0.4 ms
◆ Left Ventricular (LVa)	Trend 4.0 V @ 0.4 ms
◆ Left Ventricular (LVb)	Off

Sensitivity

● Atrial	AGC 0.25 mV
■ Right Ventricular	AGC 0.6 mV
◆ Left Ventricular	AGC 1.0 mV

Leads Configuration (Pace/Sense)

● Atrial	
Pace	Bipolar
Sense	Bipolar
■ Right Ventricular	
Pace	Bipolar
Sense	Bipolar
◆ Left Ventricular	

Electrode Configuration

Pace (LVa)	Quadripolar
Pace (LVb)	LVRing2>>RV
Sense	Off
	LVTip1>>LVRing2

Rate Adaptive Pacing

Minute Ventilation	Passive
Accelerometer	Passive

LV MultiSite Pacing

Pacing Order	Off
--------------	-----

Setup

Battery Setup

Beeper	
Beep when Explant is Indicated	On

Trending Setup

Recording Method	30 Second Average
Duration	25 hours
Data Storage	Continuous

Sensor Activation

Heart Failure Sensor Suite	On
Sleep Incline	On

Sleep Schedule

Sleep Start Time	23:00 hh:mm
Sleep Duration	7 hour(s)

Leads Status Setup

	Daily Intrinsic Amplitude	Daily Impedance	Impedance Limits	Pace Threshold	Beep When Out-of-Range
 Atrial	On	On	200 - 2000 Ω	On	Off
 Right Ventricular	On	On	200 - 2000 Ω	On	Off
 Left Ventricular	On	On	200 - 2000 Ω	On	Off
Shock		On	20 - 125 Ω		Off