


LATITUDE™ Programming System
Report Created 23 Feb 2022
Device Settings Report
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Date of Birth N/R N/R N/R
 Device CHARISMA CRT-D G324/ 500899
 Tachy Mode Monitor + Therapy

Last Office Interrogation

22 Feb 2022

Implant Date

22 Feb 2022
Programming

Last Programmed 22 Feb 2022
 Ventricular Tachy Mode 22 Feb 2022 Changed to Monitor + Therapy
 22 Feb 2022 Changed to Off

Ventricular Tachy
VF 200 min⁻¹ (300 ms)
Detection/Redetection

Initial Duration 2.5 s
 Redetection Dur 1.0 s
 Post-shock Dur 1.0 s

Therapy

QUICK CONVERT™ ATP 250 min⁻¹
 Shock 1 41 J
 Shock 2 41 J
 Additional 41 J Shocks 6

VT 165 min⁻¹ (364 ms)
Detection/Redetection

Initial Duration 20.0 s
 Redetection Dur 10.0 s
 Post-shock Dur 1.0 s

ATP1

Number of Bursts Burst 2
 Pulses per Burst
 Initial 10
 Increment 0
 Coupling Interval 81 %
 Decrement 0 ms
 Burst Cycle Length 81 %
 Ramp Decrement 0 ms
 Scan Decrement 0 ms
 Minimum Interval 220 ms

Enhancements

VT Detection Onset/Stability On

Atrial Tachy Discrimination

Sinus Tachycardia Discrimination

Initial Detection

V Rate > A Rate On
 AFib Rate Threshold 170 min⁻¹
 Stability 20 ms
 And
 Onset 9 %
 Sustained Rate Duration Off mm:ss

ATP2

Number of Bursts Ramp 2
 Pulses per Burst
 Initial 10
 Increment 0
 Coupling Interval 81 %
 Decrement 0 ms
 Burst Cycle Length 81 %
 Ramp Decrement 10 ms
 Scan Decrement 0 ms
 Minimum Interval 220 ms
 ATP Time-out Off mm:ss

Post-Shock Detection

V Rate > A Rate On
 AFib Rate Threshold 170 min⁻¹
 Stability 20 ms
 Sustained Rate Duration 00:15 mm:ss

Shocks

Shock 1 41 J
 Shock 2 41 J
 Shock 3 -6 41 J

Ventricular Tachy Therapy Setup
ATP

RV ATP Amplitude 5.0 V
 RV ATP Pulse Width 1.0 ms
 LV ATP Amplitude 5.0 V
 LV ATP Pulse Width 1.0 ms

Shock (All Shocks)

Waveform Biphasic
 Committed Shock OFF
 Lead Polarity Initial
 Shock Lead Vector RV Coil to RA Coil and Can

Magnet and Beeper

Magnet Response Inhibit Therapy
 Beep During Capacitor Charge OFF

Atrial Tachy
Therapy
ATR Mode Switch Details

ATR/VTR Fallback LRL 70 min⁻¹

Ventricular Regulation

Vent Rate Regulation Med

**Atrial Tachy
Therapy**

Ventricular Regulation

BiV Trigger	On
Maximum Pacing Rate	100 min ⁻¹

Brady/CRT

Normal Settings

Mode	VVIR	Output	
Lower Rate Limit	75 min ⁻¹	■RV	Auto 2.0 V @ 0.4ms
Maximum Sensor Rate	130 min ⁻¹	◆LV	Auto 3.2 V @ 1.0ms
RV-Refractory (RVRP)	230 - 250 ms	Sensitivity	
LV-Refractory (LVRP)	250 ms	●A	AGC 0.25 mV
Ventricular Pacing Chamber	BiV	■RV	AGC 0.6 mV
LV Offset	-20 ms	◆LV	AGC 1.0 mV
LV Protection Period	400 ms	Leads	
Blanking		●A	
A-Blank after V-Pace	Smart ms	Pace	Bipolar
A-Blank after RV-Sense	Smart ms	Sense	Bipolar
Noise Response	VOO	■RV	
Rate Enhancements		Pace	Bipolar
Rate Smoothing		Sense	Bipolar
Up	Off %	◆LV	
Down	Off %	Electrode Configuration	Dual
PaceSafe™ LV Automatic Threshold		Pace	LVtip>>Can
Maximum Amplitude	5.0 V	Sense	LVtip>>LVring
Safety Margin	1.0 V	Rate Adaptive Pacing	

Rate Adaptive Pacing

Accelerometer	On
Response Factor	8
Activity Threshold	Medium
Reaction Time	30 s
Recovery Time	2 min

Respiratory Sensor Settings

Respiratory Sensor	On
Excitation Current	320 µA
Vector Selection	Auto Select
Signal Artifact Monitor	On

Respiratory Sensor Status

Status	Auto
	Calibration in Progress
	RV

Current Vector

Brady/CRT (Post-Therapy)

Brady/CRT Settings

Lower Rate Limit	80 min ⁻¹	Post Therapy	
Output		Post Therapy Period	00:30 mm:ss
■RV	5.0 V @ 1.0ms		
◆LV	5.0 V @ 1.0ms		

Setup

Beeper

Beep when Explant is Indicated On

Telemetry

Enable use of ZIP™ telemetry 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 07 hours

Leads Status Setup

		Daily Intrinsic Amplitude	Daily Impedance	Impedance Limits		Beep When Out- of-Range	Pace Threshold
				Low	High		
●A	Pace/Sense	On	On	200	- 2000 Ω	Off	Off
■RV	Pace/Sense	On	On	200	- 2000 Ω	Off	On
◆LV	Pace/Sense	On	On	200	- 2000 Ω	Off	On
Shock			On	20	- 125 Ω	Off	

Other Daily Trends

Respiration-related Trends On