Initial Interrogation: Quick Look II Q Serial Number: RPE223608H

Device: Amplia MRI Quad CRTD DTMB1QQ Serial Number: RPE223608H Date of Visit: 19-Aug-2024 07:35:31

Patient: ID: Physician:

Device Status (Implanted: 10-Apr-2019)

Remaining Longevity

15 months

(19-Aug-2024)

RRT

> 5 years

(based on initial interrogation)

Pacing Impedance Defibrillation Impedance	Atrial(5076) 418 ohms	RV(6935M) 342 ohms RV=45 ohms	LV(4598) 646 ohms
Pace Polarity	Bipolar	Bipolar	LV4 to LV3
Capture Threshold	0.375 V @ 0.40 ms	0.500 V @ 0.40 ms	2.250 V @ 0.40 ms
Measured On	26-Jan-2024	19-Aug-2024	19-Aug-2024
Programmed Amplitude/Pulse Width	1.50 V / 0.40 ms	2.00 V / 0.40 ms	2.75 V / 0.40 ms
Measured P/ R Wave	0.5 mV	7.6 mV	
Programmed Sensitivity	0.15 mV	0.30 mV	

Parameter Summary

Mode	DDDR	Lower Rate	60 bpm	AdaptivCRT	Nonadaptive CRT
Mode Switch	171 bpm	Upper Track	130 bpm	V. Pacing	LV->RV
		Upper Sensor	120 bpm	Paced AV	130 ms
				Sensed AV	100 ms

Detection		Rates	Therapies
AT/AF	Monitor	>171 bpm	All Rx Off
VF	On	>214 bpm	ATP During Charging, 35J x 6
FVT	OFF		All Rx Off
VT	On	176-214 bpm	Burst(2), Ramp(1), 35J x 4

Enhancements On: VT Monitor, Onset(Monitor), TWave, Noise(Timeout)

Clinical Status	Since 17-Jun-2024	Cardiac Compass Trends (Jun-2023 to Aug-2024)		
Treated VF FVT (Off) VT AT/AF(Monitor)	0 0	Treated >5— VT/VF 4— (#/day) 2—	- L	I
Monitored VT(150-176 bpm) VT-NS (>4 beats, >176 beats,	0 d 0 Rx Withheld 0	AT/AF 24		
Functional Patient Activity	Last Week 1.5 hr/day	0	Jul-24	

Therapy Summary	VT/VF	AT/AF	Pacing	(% of Time Since 17-Jun-2024)
Pace-Terminated Episodes	0	0	Total VP	99.9 % (MVP Off)
Shock-Terminated Episodes	0	0	AS-VS	0.1 %
Total Shocks	0	0	AS-VP	99.9 %
Aborted Charges	0	0	AP-VS	0.0 %
			AP-VP	<0.1 %

Initial Interrogation: Quick Look II

Device: Amplia MRI Quad CRTD DTMB1QQ	Serial Number: RPE223608H	Date of Visit: 19-Aug-2024 07:35:31
Patient:	ID·	Physician:

OBSERVATIONS (4)

- · AT/AF >= 6 hr for 64 days.
- · Unable to maintain LV Capture Management Safety Margin on 21-Jul-2024.
- · RV Capture Management: Actual safety margin (4.0 X) > programmed margin (2.0 X).
- · VF detection may be delayed: VF Detection Interval is faster than 300 ms (200 bpm).

SW034 Software Version 8.5 (3.1)

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Initial Interrogation: Quick Look II

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Printed: 19-Aug-2024 11:05:54

Initial Interrogation: Cardiac Compass Trends Device: Amplia MRI Quad CRTD DTMB1QQ Serial Number: RPE223608H Date of Visit: 19-Aug-2024 07:35:31 Patient ID: Physician: Jul 2024 Jul 2023 Sep 2023 Nov 2023 Jan 2024 Mar 2024 May 2024 **P** = Program I = Interrogate Ι _ = Remote One or more shocks/day Treated VT/VF episodes/day >250 V. rate during VT/VF (bpm) 200 − VF $-v_T$ 150-<100-Non-sustained VT >10-8episodes/day 6-4-2 AT/AF total hours/day V. rate during AT/AF >200 (bpm) 150-| max/day lavg/day 100 <50 100 % Pacing/day — Atrial 75 Ventricular 50 25 0. >120-Avg V. rate (bpm) - Day 100 — Night 80 60 <40 Patient activity 4 hours/day 3

2-1-

Jul 2023

Sep 2023

Jul 2024

May 2024

Jan 2024

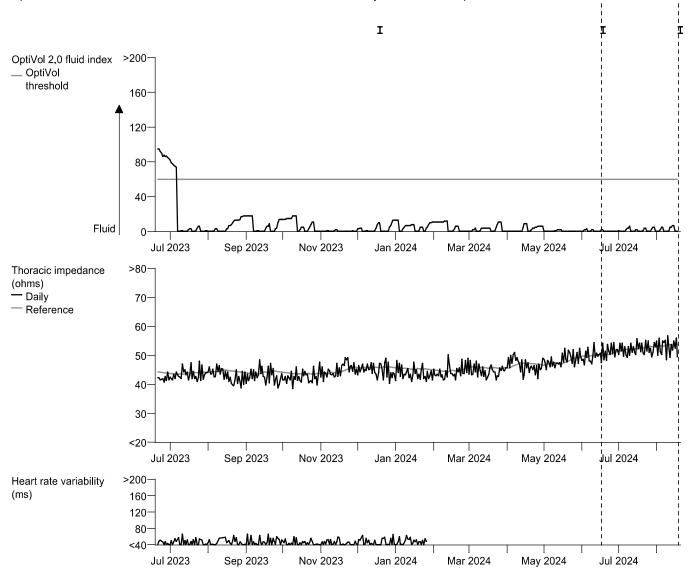
Mar 2024

Nov 2023

Initial Interrogation: Cardiac Compass Trends

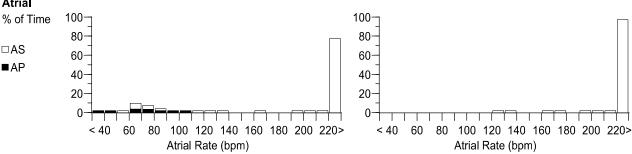
Device: Amplia MRI Quad CRTD DTMB1QQ Serial Number: RPE223608H Date of Visit: 19-Aug-2024 07:35:31
Patient: ID: Physician:

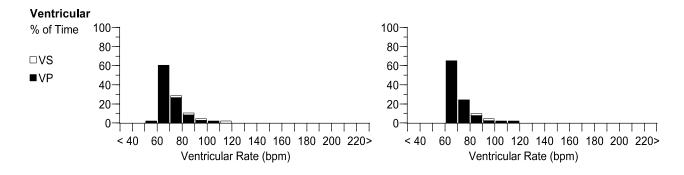
OptiVol 2.0 fluid index is an accumulation of the difference between the daily and reference impedance.



Initial Interrogation: Rate Histograms
1QQ Serial Number: RPE223608H Device: Amplia MRI Quad CRTD DTMB1QQ Date of Visit: 19-Aug-2024 07:35:31 ID: Physician: Patient:

	18-Dec-2023 to 6 months	ession 17-Jun-2024	Since Last Session 17-Jun-2024 to 19-Aug-2024 63 days
% of Time	Total VP	99.2 %	99.9 %
	AS-VS	0.5 %	0.1 %
	AS-VP	88.4 %	99.9 %
	AP-VS	< 0.1%	0.0 %
	AP-VP	11.0 %	< 0.1%
	Total VP	99.2 %	99.9 %
	VSR Pace	0.6 %	0.1 %
	vs	0.2 %	< 0.1%
	CRT Pacing		
	Bi-V	99.9 %	100.0 %
	LV	0.0 %	0.0 %
Atrial			
% of Time 100¬			100¬
80-			80-
□AS 60			60-
■ A D -			-
40-			40- 20-





Initial Interrogation: Rate Histograms 1QQ Serial Number: RPE223608H

Device: Amplia MRI Quad CRTD DTMB1QQ Patient ID: Physician: **Prior to Last Session Since Last Session** 18-Dec-2023 to 17-Jun-2024 17-Jun-2024 to 19-Aug-2024 6 months 63 days Time in AT/AF = 5 months Time in AT/AF = 62 days % of AT/AF 99.2 % 99.9 % VΡ **VSR Pace** 0.8 % 0.1 % ٧S < 0.1% < 0.1% Ventricular 100-100-Rate 80-80-**During** 60-60-AT/AF % of AT/AF 40 40-20 20 □VS ■ VP 0+ 0-< 40 60 80 100 120 140 160 180 200 220> < 40 60 80 100 120 140 160 180 200 220>

Ventricular Rate (bpm)

Date of Visit: 19-Aug-2024 07:35:31

Ventricular Rate (bpm)

Initial Interrogation: AT/AF Summary

Serial Number: RPE223608H Device: Amplia MRI Quad CRTD DTMB1QQ Date of Visit: 19-Aug-2024 07:35:31 Patient: ID: Physician **Prior Session Last Session** 18-Dec-2023 to 17-Jun-2024 to 17-Jun-2024 19-Aug-2024 6 months 63 days **AT/AF Summary** % of Time AT/AF 78.1 % 100.0 % ♣ Average AT/AF time/day 18.7 hours/day 24.0 hours/day ↑ Monitored AT/AF Episodes < 0.1 per day 0.0 per day ↓ per day Treated AT/AF Episodes 0.0 0.0 per day Pace-Terminated Episodes 0.0 % 0.0 % % of Time Atrial Pacing % <0.1 % ₩ 9.8 0.0 % of Time Atrial Intervention 0.0 % %

Since Last Session 17-Jun-2024 to 19-Aug-2024

< 0.1

per day

AT-NS (>6 beats)

AT/AF Du	rations		AT/AF Episode Start Time		
Duration	Episodes*	% Episodes*			
>72 hr	1	100			
48 hr to 72 hr	0	20			
24 hr to 48 hr	0	80-			
12 hr to 24 hr	0				
4 hr to 12 hr	0	60—	No Data Available		
1 hr to 4 hr	0		NO Data Available		
10 min to 1 hr	0	40—			
1 min to 10 min	0				
<1 min	0	20-			
* Includes AT-N	IS episodes	0 09:00			
			Episode Start Time (hh:mm)		

per day ↓

0.0

AT/AF Rx	Rx1:Off	Rx2:Off	Rx3:Off					
Treated episodes			_					
% Terminated								
ATP Rx versus								
ms	100-149	150-199	200-249	250-299	300-349	350-399	400-449	ms
bpm	401-600	301-400	241-300	201-240	172-200	151-171	133-150	bpm
Treated episodes								
% Terminated								

ATP Sequences: 0 delivered, 0 aborted Automatic Shocks: 0 delivered, 0 failed Patient Activated Shocks: 0 delivered, 0 failed

Session Summary

Device: Amplia MRI Quad CRTD DTMB1QQ Serial Number: RPE223608H Date of Visit: 19-Aug-2024 07:35:31

Patient: ID: Physician:

Device Information

Device	Medtronic	Amplia MRI Quad CRTD DT	RPE223608H	Implanted: 10-Apr-2019
Atrial	Medtronic	5076 CapsureFix Novus MRI	PJN7490694	Implanted: 10-Apr-2019
RV	Medtronic	6935M Sprint Quattro MRI	TDL357499V	Implanted: 10-Apr-2019
LV	Medtronic	4598 Attain Performa S MRI	QUC527703V	Implanted: 10-Apr-2019

Device Status (Implanted: 10-Apr-2019)

Remaining Longevity 15 months (19-Aug-2024)

RRT > 5 years (based on initial interrogation)

	Atrial(5076)	RV(6935M)	LV(4598)
Pacing Impedance	418 ohms	342 ohms	646 ohms
Defibrillation Impedance		RV=45 ohms	
B	B: 1	B: 1	13/4/ 13/0

Pace Polarity Bipolar LV4 to LV3 Bipolar Capture Threshold 0.375 V @ 0.40 ms 0.500 V @ 0.40 ms 2.250 V @ 0.40 ms Measured On 26-Jan-2024 19-Aug-2024 19-Aug-2024 0.50 V @ 0.40 ms 1.75 V @ 0.40 ms In-Office Threshold 2.00 V / 0.40 ms Programmed Amplitude/Pulse Width 1.50 V / 0.40 ms 2.75 V / 0.40 ms

 Measured P/ R Wave
 0.5 mV
 7.6 mV

 Programmed Sensitivity
 0.15 mV
 0.30 mV

Parameter Summary

Detection		Rates	Therapies
AT/AF	Monitor	>171 bpm	All Rx Off
VF	On	>214 bpm	ATP During Charging, 35J x 6
FVT	OFF		All Rx Off
VT	On	176-214 bpm	Burst(2), Ramp(1), 35J x 4

Enhancements On: VT Monitor, Onset(Monitor), TWave, Noise(Timeout)

Changes This Session Session Start Current Value

No parameters have been changed during the current session.

Battery and Lead Measurements Report

Device: Amplia MRI Quad CRTD DTMB1QQ Serial Number: RPE223608H Date of Visit: 19-Aug-2024 07:35:31

ID: Physician: Patient:

Last Interrogation: 19-Aug-2024 07:35:31

Remaining Longevity	19-Aug-2024				
Estimated at:	15 months				
Minimum:	7 months				
Maximum:	22 months				
RRT	> 5 years				
(based					
Battery Voltage	19-Aug-2024				
Voltage	2.88 V				
	(RRT=2.73V)				
Last Charge	04-Aug-2024				
Charge Time	4.5 sec				
Energy	0.0 - 18 J				
Sensing Integrity Counter	Since 17-Jun-2024				
Short V-V Intervals	0				
Atrial Lead Position Check					
No measurement since reset.					
Lead Impedance					
A. Pacing	418 ohms	19-Aug-2024			
RV Pacing (Bipolar)	342 ohms	19-Aug-2024			
LV Pacing (LV4 to LV3)	646 ohms	19-Aug-2024			
RV Defib	45 ohms	19-Aug-2024			
SVC Defib	None				
Sensing					
P-Wave Amplitude	0.5 mV	19-Aug-2024			
R-Wave Amplitude	7.6 mV	21-Mar-2023			
Last High Voltage Therapy					
No measurement since reset.					