Patient Information Report

Pacemaker Model: Vitatron G70A2 DR Serial Number: 550038266 Date of Visit: 14-Jul-2020

Patient Name: Hiadlovsky700202 **ID:** **Physician:**

Patient Identification

Patient Name Hiadlovsky700202

Age

Leads Implanted

Atrial Lead Manufacturer Medtronic
Vent. Lead Manufacturer Medtronic

Device Implanted

Serial Number 550038266

Final Report

Pacemaker Model: Vitatron G70A2 DR Serial Number: 550038266 Date of Visit: 14-Jul-2020

Patient Name: Hiadlovsky700202 **ID:** **Physician:**

Pacemaker Model:		Vitatron G70A2 DR	550038266	Implanted:	13-Jul-2020 12:51
Atrial Lead:	Medtronic			Implanted:	
Ventricular Lead:	Medtronic			Implanted:	

Pacemaker Status: 14-Jul-2020 07:59:18

Estimated remaining longevity: 8.5 years, 7 - 10 years (Based on 100% Pacing)

Battery Status	OK
Voltage	2.80 V
Current	15.54 µA
Impedance	100 ohms

Lead Status: 14-Jul-2020 07:59:18

	Atrial Lead	Ventricular Lead
Output Energy	7.92 µJ	8.39 µJ
Measured Current	5.42 mA	5.78 mA
Measured Impedance	672 ohms	627 ohms
Pace Polarity	Bipolar	Bipolar

A. Output Management - from 14-Jul-2020 01:27

Measured Threshold: 0.250 V at 0.40 ms

V. Output Management - from 14-Jul-2020 00:52

Measured Threshold: 0.375 V at 0.40 ms

Sensing Assurance - week ending 14-Jul-2020

Min. P-Wave Amplitude 1.4 mV
Max. P-Wave Amplitude >2.8 mV
Min. Safety Margin 4.0X

Min. R-Wave Amplitude <5.6 mV
Max. R-Wave Amplitude 22.4 mV
Min. Safety Margin <2.8X

Pacemaker Model: Vitatron G70A2 DR Serial Number: 550038266 Date of Visit: 14-Jul-2020

Patient Name: Hiadlovsky700202 **ID:** **Physician:**

Permanent Parameters (> indicates changes)

Modes

	Initial	Final
Mode	DDDR	DDDR
Mode Switch	On	On
Detection Rate	175 bpm	175 bpm
Detection Duration	No Delay	No Delay
Blanked Flutter Search	On	On

Rates

Lower Rate	55 ppm	55 ppm
Upper Tracking Rate	130 ppm	130 ppm
Upper Sensor Rate	130 ppm	130 ppm
ADL Rate	95 ppm	95 ppm

Intrinsic/AV

Paced AV	150 ms	150 ms
Sensed AV	120 ms	120 ms
Reduced VP+	On	On
Max Increase to AV	170 ms	170 ms
Sinus Preference	On	On
Sinus Preference Zone	10 ppm	10 ppm
Search Interval	10 min	10 min
Rate Adaptive AV	Off	Off

Refractory/Blanking

PVARP	Auto	Auto
Minimum PVARP	250 ms	250 ms
PVAB	180 ms	180 ms
Ventricular Refractory	230 ms	230 ms
Vent. Blanking (after A. Pace)	28 ms	28 ms
PMT Intervention	Off	Off
PVC Response	On	On
Ventricular Safety Pacing	On	On

Rate Response

Optimization	On	On
ADL Response	3	3
Exertion Response	3	3
ADLR Percent	2.0%	2.0%
Activity Threshold	Medium/Low	Medium/Low
Activity Acceleration	30 sec	30 sec
Activity Deceleration	Exercise	Exercise
High Rate Percent	0.2%	0.2%
ADL Rate Setpoint	15	15
Upper Rate Setpoint	40	40

Atrial Lead

Amplitude	3.500 V	3.500 V
Pulse Width	0.40 ms	0.40 ms
Sensitivity	0.50 mV	0.50 mV
Sensing Assurance	On	On
Pace Polarity	Bipolar	Bipolar
Sense Polarity	Bipolar	Bipolar
Lead Monitor	Monitor Only	Monitor Only

Atrial Lead

Maximum Impedance	4,000 ohms	4,000 ohms
Minimum Impedance	200 ohms	200 ohms
Monitor Sensitivity	8	8
Output Management	Adaptive	Adaptive
Amplitude Margin	2x	2x
Min. Adapted Amplitude	1.500 V	1.500 V
Capture Test Frequency	Day at ...	Day at ...
Capture Test Time	01:00:00	01:00:00
Acute Phase	111 days	111 days

Ventricular Lead

Amplitude	3.500 V	3.500 V
Pulse Width	0.40 ms	0.40 ms
Sensitivity	5.60 mV	5.60 mV
Sensing Assurance	On	On
Pace Polarity	Bipolar	Bipolar
Sense Polarity	Bipolar	Bipolar
Lead Monitor	Monitor Only	Monitor Only
Maximum Impedance	4,000 ohms	4,000 ohms
Minimum Impedance	200 ohms	200 ohms
Monitor Sensitivity	8	8
Output Management	Adaptive	Adaptive
Amplitude Margin	2x	2x
Min. Adapted Amplitude	2.000 V	2.000 V
Capture Test Frequency	Day at Rest	Day at Rest
Acute Phase	111 days	111 days
V. Sensing During Search	Adaptive	Adaptive

Additional/Interventions

RDR Detection Type	Off	Off
Sleep	Off	Off
Non-Comp. Atrial Pacing	On	On
Transtelephonic Monitor	Off	Off
Extended Telemetry	Off	Off
Extended Marker	Standard	Standard
Implant Detection	Off/Complete	Off/Complete
Conducted AF Response	Off	Off
Post Mode Switch Pacing	Off	Off
Atrial Preference Pacing	Off	Off
MRI SureScan	Off	Off

Atrial High Rate Episodes

Episode Trigger	Mode Switch	Mode Switch
Detection Rate	175 bpm	175 bpm
Detection Duration	No Delay	No Delay
Collection Delay	30 sec	30 sec
Collection Method	Rolling	Rolling

Ventricular High Rate Episodes

Detection Rate	180 ppm	180 ppm
Detection Beats	5 beats	5 beats
Termination Beats	5 beats	5 beats
SVT Filter	On	On
Collection Method	Rolling	Rolling

Selectable Diagnostic (Final Settings)

Chronic Lead Trend	On
High Rate Detail	
Include Refractory Senses?	Include
High Rate Type	AHR and VHR
EGM Type	Summed
EGM Allocation	4 for 4/4 secs
EGM Timeout	8 weeks

Device Information

Device Configuration ID: 1-20-A0-82-02

Final Report

Pacemaker Model: Vitatron G70A2 DR Serial Number: 550038266 Date of Visit: 14-Jul-2020

Patient Name: Hiadlovsky700202 **ID:** **Physician:**

Pacemaker Model:		Vitatron G70A2 DR	550038266	Implanted:	13-Jul-2020 12:51
Atrial Lead:	Medtronic			Implanted:	
Ventricular Lead:	Medtronic			Implanted:	

Pacemaker Status: 14-Jul-2020 07:59:18

Estimated remaining longevity: 8.5 years, 7 - 10 years (Based on 100% Pacing)

Battery Status	OK
Voltage	2.80 V
Current	15.54 µA
Impedance	100 ohms

Lead Status: 14-Jul-2020 07:59:18

	Atrial Lead	Ventricular Lead
Output Energy	7.92 µJ	8.39 µJ
Measured Current	5.42 mA	5.78 mA
Measured Impedance	672 ohms	627 ohms
Pace Polarity	Bipolar	Bipolar

A. Output Management - from 14-Jul-2020 01:27

Measured Threshold: 0.250 V at 0.40 ms

V. Output Management - from 14-Jul-2020 00:52

Measured Threshold: 0.375 V at 0.40 ms

Sensing Assurance - week ending 14-Jul-2020

Min. P-Wave Amplitude 1.4 mV
Max. P-Wave Amplitude >2.8 mV
Min. Safety Margin 4.0X

Min. R-Wave Amplitude <5.6 mV
Max. R-Wave Amplitude 22.4 mV
Min. Safety Margin <2.8X

Pacemaker Model: Vitatron G70A2 DR Serial Number: 550038266 Date of Visit: 14-Jul-2020

Patient Name: Hiadlovsky700202 **ID:** **Physician:**

Permanent Parameters (> indicates changes)

Modes

	Initial	Final
Mode	DDDR	DDDR
Mode Switch	On	On
Detection Rate	175 bpm	175 bpm
Detection Duration	No Delay	No Delay
Blanked Flutter Search	On	On

Rates

Lower Rate	55 ppm	55 ppm
Upper Tracking Rate	130 ppm	130 ppm
Upper Sensor Rate	130 ppm	130 ppm
ADL Rate	95 ppm	95 ppm

Intrinsic/AV

Paced AV	150 ms	150 ms
Sensed AV	120 ms	120 ms
Reduced VP+	On	On
Max Increase to AV	170 ms	170 ms
Sinus Preference	On	On
Sinus Preference Zone	10 ppm	10 ppm
Search Interval	10 min	10 min
Rate Adaptive AV	Off	Off

Refractory/Blanking

PVARP	Auto	Auto
Minimum PVARP	250 ms	250 ms
PVAB	180 ms	180 ms
Ventricular Refractory	230 ms	230 ms
Vent. Blanking (after A. Pace)	28 ms	28 ms
PMT Intervention	Off	Off
PVC Response	On	On
Ventricular Safety Pacing	On	On

Rate Response

Optimization	On	On
ADL Response	3	3
Exertion Response	3	3
ADLR Percent	2.0%	2.0%
Activity Threshold	Medium/Low	Medium/Low
Activity Acceleration	30 sec	30 sec
Activity Deceleration	Exercise	Exercise
High Rate Percent	0.2%	0.2%
ADL Rate Setpoint	15	15
Upper Rate Setpoint	40	40

Atrial Lead

Amplitude	3.500 V	3.500 V
Pulse Width	0.40 ms	0.40 ms
Sensitivity	0.50 mV	0.50 mV
Sensing Assurance	On	On
Pace Polarity	Bipolar	Bipolar
Sense Polarity	Bipolar	Bipolar
Lead Monitor	Monitor Only	Monitor Only

Atrial Lead

Maximum Impedance	4,000 ohms	4,000 ohms
Minimum Impedance	200 ohms	200 ohms
Monitor Sensitivity	8	8
Output Management	Adaptive	Adaptive
Amplitude Margin	2x	2x
Min. Adapted Amplitude	1.500 V	1.500 V
Capture Test Frequency	Day at ...	Day at ...
Capture Test Time	01:00:00	01:00:00
Acute Phase	111 days	111 days

Ventricular Lead

Amplitude	3.500 V	3.500 V
Pulse Width	0.40 ms	0.40 ms
Sensitivity	5.60 mV	5.60 mV
Sensing Assurance	On	On
Pace Polarity	Bipolar	Bipolar
Sense Polarity	Bipolar	Bipolar
Lead Monitor	Monitor Only	Monitor Only
Maximum Impedance	4,000 ohms	4,000 ohms
Minimum Impedance	200 ohms	200 ohms
Monitor Sensitivity	8	8
Output Management	Adaptive	Adaptive
Amplitude Margin	2x	2x
Min. Adapted Amplitude	2.000 V	2.000 V
Capture Test Frequency	Day at Rest	Day at Rest
Acute Phase	111 days	111 days
V. Sensing During Search	Adaptive	Adaptive

Additional/Interventions

RDR Detection Type	Off	Off
Sleep	Off	Off
Non-Comp. Atrial Pacing	On	On
Transtelephonic Monitor	Off	Off
Extended Telemetry	Off	Off
Extended Marker	Standard	Standard
Implant Detection	Off/Complete	Off/Complete
Conducted AF Response	Off	Off
Post Mode Switch Pacing	Off	Off
Atrial Preference Pacing	Off	Off
MRI SureScan	Off	Off

Atrial High Rate Episodes

Episode Trigger	Mode Switch	Mode Switch
Detection Rate	175 bpm	175 bpm
Detection Duration	No Delay	No Delay
Collection Delay	30 sec	30 sec
Collection Method	Rolling	Rolling

Ventricular High Rate Episodes

Detection Rate	180 ppm	180 ppm
Detection Beats	5 beats	5 beats
Termination Beats	5 beats	5 beats
SVT Filter	On	On
Collection Method	Rolling	Rolling

Selectable Diagnostic (Final Settings)

Chronic Lead Trend	On
High Rate Detail	
Include Refractory Senses?	Include
High Rate Type	AHR and VHR
EGM Type	Summed
EGM Allocation	4 for 4/4 secs
EGM Timeout	8 weeks

Device Information

Device Configuration ID: 1-20-A0-82-02