Final Report

Pacemaker Model: Vitatron G70A2 DR Serial Number: 550075519 Date of Visit: 25-Apr-2022

Patient Name: Pokorna 465322 **ID:** **Physician:**

Pacemaker Model:		Vitatron G70A2 DR	550075519	Implanted: 18-Aug-2021 13:28
Atrial Lead:	Medtronic			Implanted:
Ventricular Lead:	Medtronic			Implanted:

Pacemaker Status: 25-Apr-2022 11:52:18

Estimated remaining longevity: 13 years, 10.5 - 15 years (Based on Past History)

Battery Status	OK
Voltage	2.79 V
Current	11.39 µA
Impedance	100 ohms

Lead Status: 25-Apr-2022 11:52:18

	Atrial Lead	Ventricular Lead
Output Energy	1.94 µJ	2.27 µJ
Measured Current	3.20 mA	2.68 mA
Measured Impedance	471 ohms	786 ohms
Pace Polarity	Bipolar	Bipolar

A. Output Management - from 25-Apr-2022 01:08

Measured Threshold: 0.375 V at 0.40 ms

V. Output Management - from 24-Apr-2022 19:05

Measured Threshold: 0.750 V at 0.40 ms

Sensing Assurance - week ending 20-Apr-2022

Min. P-Wave Amplitude 0.7 mV
Max. P-Wave Amplitude >2.8 mV
Min. Safety Margin 4.0X

Min. R-Wave Amplitude 16.0 mV
Max. R-Wave Amplitude >22.4 mV
Min. Safety Margin 2.8X

Copyright (c) Vitatron 2017

Pacemaker Model: Vitatron G70A2 DR Serial Number: 550075519 Date of Visit: 25-Apr-2022

Patient Name: Pokorna 465322 **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	80 ppm	80 ppm
Upper Sensor Rate	110 ppm	110 ppm
ADL Rate	95 ppm	95 ppm

Intrinsic/AV

Paced AV	200 ms	200 ms
Sensed AV	140 ms	140 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	13	13
Upper Rate Setpoint	56	56

Atrial Lead

Amplitude	1.500 V	1.500 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	1.5x	1.5x
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	Off	Off
Acute Phase Complete		07-Dec-2021

Ventricular Lead

Amplitude	2.000 V	2.000 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	Off	Off
Acute Phase Complete		07-Dec-2021
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

Copyright (c) Vitatron 2017

Pacemaker Model: Vitatron G70A2 DR Serial Number: 550075519 Date of Visit: 25-Apr-2022

Patient Name: Pokorna 465322 **ID:** **Physician:**

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

Copyright (c) Vitatron 2017

Initial Interrogation Report

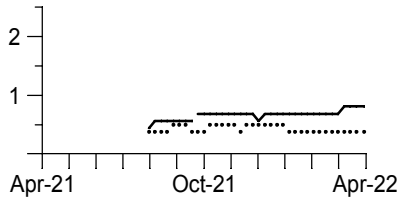
Pacemaker Model: Vitatron G70A2 DR Serial Number: 550075519 Date of Visit: 25-Apr-2022

Patient Name: Pokorna 465322 **ID:** **Physician:**

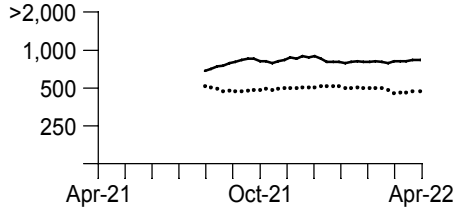
Pacemaker Status (Implanted: 18-Aug-2021)

· A. — V.

Threshold (V@.4ms)



Impedance (ohms)



Battery Status

Estimated remaining longevity: Based on Past History	13 years, 10.5 - 15 years
Voltage/Impedance	2.79 V / 100 ohms

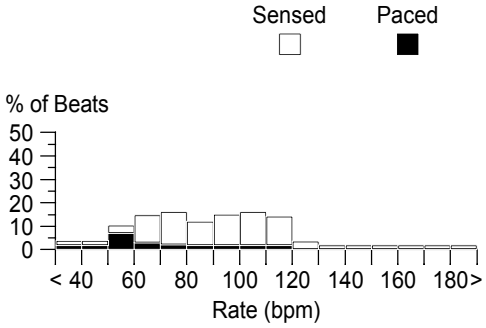
Lead Summary	Atrial	Ventricular
Measured Threshold	0.375 V at 0.40 ms	0.750 V at 0.40 ms
Date Measured	25-Apr-2022	24-Apr-2022
Programmed Output	1.500 V / 0.40 ms	2.000 V / 0.40 ms
Output Management	Adaptive	Adaptive
Measured P / R Wave	0.7 to >2.8 mV	16.0 to >22.4 mV
Programmed Sensitivity	0.50 mV	5.60 mV
Measured Impedance	471 ohms	786 ohms
Lead Status	OK	OK
Lead Model Implanted		

Parameter Summary

Mode	DDDR	Lower Rate	55 ppm	Reduced VP+	On
Mode Switch	On	Upper Tracking Rate	80 ppm	Max Increase to AV	170 ms
Detection Rate	175 bpm	Upper Sensor Rate	110 ppm	Paced AV	200 ms
				Sensed AV	140 ms

Clinical Status: 04-Oct-2021 to 25-Apr-2022

Atrial Long Term Histogram



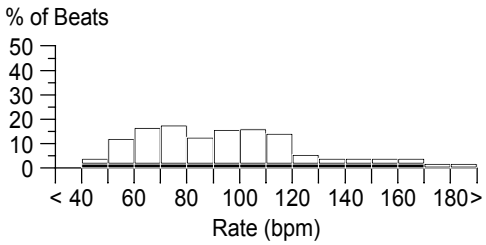
Mode Switches: 0 (Percent of Time: 0.0%)

Atrial High Rate Episodes: 0

Episode Trigger: Mode Switch > 30 sec
Ventricular High Rate Episodes: 5

Date/Time	Duration hh:mm:ss		Rate (bpm) Max A	Max V
19-Feb-2022 14:39	:03	First	130	180
13-Mar-2022 10:05	:05	Fastest	116	226
20-Mar-2022 07:31	:07	Longest	113	208
23-Apr-2022 07:39	:07	Last	153	187

Ventricular Long Term Histogram



Pacing (% of total):

A. Paced	14.8%
V. Paced	2.1%
Reduced VP+	On

Event Counters

PVC singles	11,984
PVC runs	142
PAC runs	0

Observations

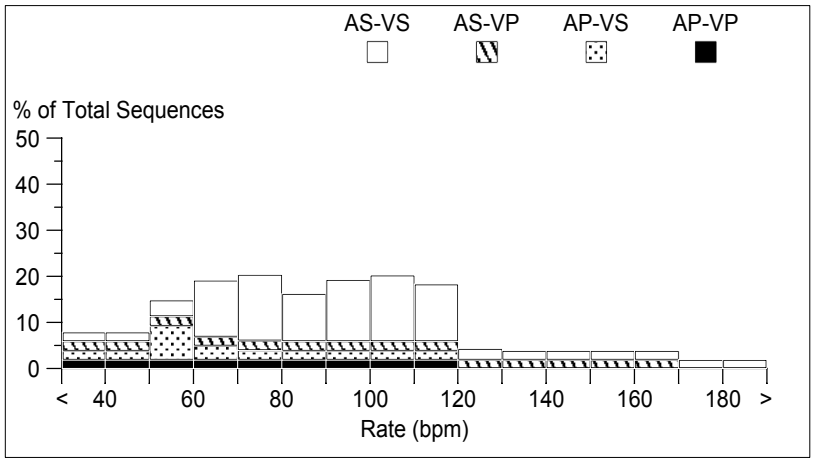
· 5 Vent. High Rate Episodes

Copyright (c) Vitatron 2017

Pacemaker Model: Vitatron G70A2 DR Serial Number: 550075519 Date of Visit: 25-Apr-2022

Patient Name: Pokorna 465322 **ID:** **Physician:**

Long Term A-V Conduction: 04-Oct-2021 to 25-Apr-2022



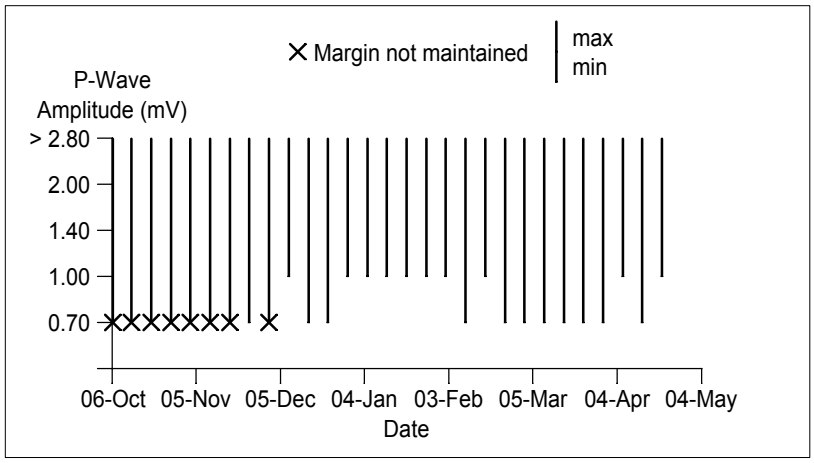
Initial Interrogation

Mode	DDDR
Lower Rate	55 ppm
Upper Tracking Rate	80 ppm
Upper Sensor Rate	110 ppm
Paced AV	200 ms
Sensed AV	140 ms
Rate Adaptive AV	Off

A-V Sequences

Total Sequences	22,660,533
AS-VS	83.1%
AS-VP	1.4%
AP-VS	14.7%
AP-VP	0.8%

P-Wave Amplitude: 04-Oct-2021 to 20-Apr-2022



Initial Interrogation

Mode	DDDR
Sensitivity	0.50 mV
Sense Polarity	Bipolar
Lead Monitor	Monitor Only

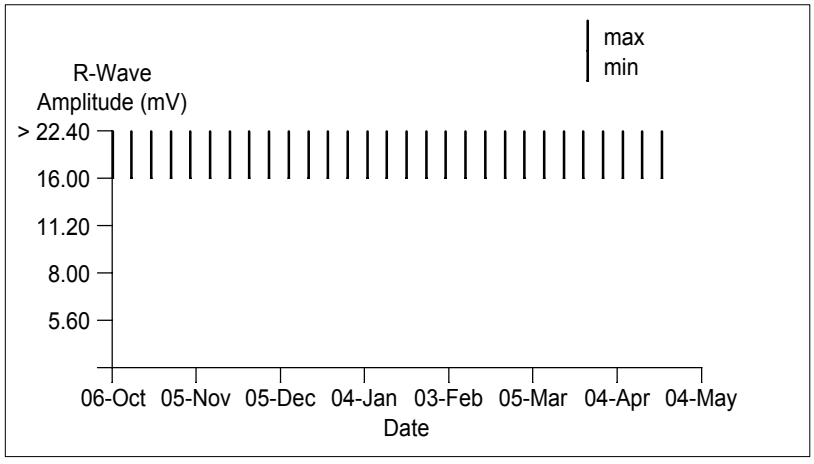
Notable Data

Sampled every 7 days

Current Sample

Min. P-Wave Amplitude 0.7 mV
Max. P-Wave Amplitude >2.8 mV
Min. Safety Margin 4.0X

R-Wave Amplitude: 04-Oct-2021 to 20-Apr-2022



Initial Interrogation

Mode	DDDR
Sensitivity	5.60 mV
Sense Polarity	Bipolar
Lead Monitor	Monitor Only

Notable Data

Sampled every 7 days

Current Sample

Min. R-Wave Amplitude 16.0 mV
Max. R-Wave Amplitude >22.4 mV
Min. Safety Margin 2.8X

Copyright (c) Vitatron 2017