BIOTRONIK

Patient:,

Device: **Effecta DR** S/N: **66151106**

PSW 2201.A/1 RAM ID: 3.0

Parameters (perm.)Date: 13/05/2022 Time: 12:02

Patient

ID 0 Last name First name Date of birth XX/XX/XXXXGender XXX Date of implant 06/03/2012 Hospital, City Physician LVEF [%] XXXNYHA XXXSymptom XXXECG indication XXXEtiology XXX

Leads

	Α	V
Polarity	XXX	XXX
Type		
Manufacturer	XXX	XXX
Lead position	XXX	XXX

Status

Battery status OK
Remaining battery capacity [%] 30
Calculated ERI 2 Y. 5 Mo.
Magnet response AUTO
Last follow-up 28/05/2021
RAM ID 3.0

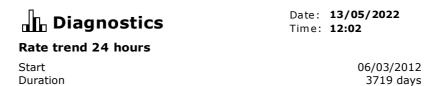
Bradycardia

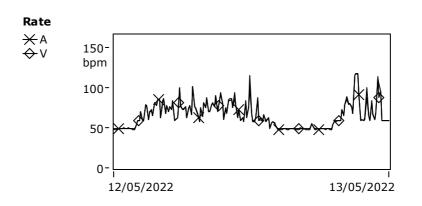
Bradycardia		
	Previous	Current
Mode		DDDR
Basic rate/Night rate [bpm] Night begins Night ends Hysteresis [bpm] Repetitive cycles Scan cycles		60/50 22:00 06:00 OFF
Sensor/Rate fading [bpm] Sensor gain Automatic gain Sensor threshold Rate increase [bpm/cycle] Rate decrease [bpm/cycle]		120/OFF 7 ON Medium 4 0.5
Upper rate response [bpm] Wenckebach response of [bpm] Atrial upper rate [bpm]		130/WKB 130-141 240
Mode switching [bpm] Intervention rate [bpm] Switch to Onset criterion [out of 8] Resolution criterion [out of 8] Change of basic rate [bpm] Rate stabilization during mode switching 2:1 Lock-in protection		160/DDIR 160 DDIR 5 5 +10 OFF ON
Dynamic AV delay [ms]		220/180
after pace: AV delay at 60 bpm [ms] AV delay at 80 bpm [ms] AV delay at 100 bpm [ms] AV delay at 120 bpm [ms]		220 210 200 190

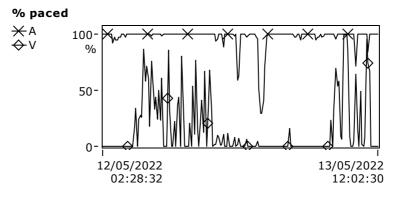
AV delay at 140 bpm [ms]	180
Sense compensation [ms] AV hysteresis after pace:	-45 Low
AV hysteresis at 60 bpm [ms] AV hysteresis at 80 bpm [ms] AV hysteresis at 100 bpm [ms] AV hysteresis at 120 bpm [ms] AV hysteresis at 140 bpm [ms] AV repetitive cycles AV scan cycles	290 280 270 260 250 5
Atrium Pulse amplitude [V]	2.3
Pulse width [ms] Capture control	0.4 ON
Min. amplitude [V]	1.0
Threshold test start [V] Safety margin [V]	3.0 1.0
Search type Interval [h]	Time of day
Time of day Status	02:00 OK
Note	
Last measured threshold [V] Date	1.3 13/05/2022
Time Sensitivity [mV]	01:09 AUTO
Pacing polarity	BIPL
Sensing polarity Ventricle	BIPL
Pulse amplitude [V]	2.1
Pulse width [ms] Capture control	0.4 ON
Threshold test start [V] Safety margin [V]	3.0 0.5
Search type	Time of day
Interval [h] Time of day	02:00
Status Note	OK
Last measured threshold [V]	1.6
Date Time	13/05/2022 01:10
Sensitivity [mV] Pacing polarity	AUTO BIPL
Sensing polarity	BIPL
Refractory period/Blanking Atr. refract. period [ms]	Individual AUTO
PVARP [ms]	250
PVARP after PVC [ms] Ven. refractory period [ms]	400 250
Far-field protection after Vs [ms] Far-field protection after Vp [ms]	100 150
Ven. blanking after Ap [ms] PMT protection	30
VA criterion [ms]	ON 350
Diagnostics Recording triggers	
High atrial rate	AT
High ventricular rate Pre-trigger recording [%]	ON 75
IEGM signal Program count	Filtered 1
High atrial rate (HAR)	_
HAR limit [bpm] High ventricular rate (HVR)	200
HVR limit [bpm] HVR counter [Events]	180 8
<u> </u>	· ·

Date: 13/05/2022 **III** Diagnostics Time: **12:02 Event counters** Start 06/03/2012 Duration 3719 days 100% 0 25 50 75 3% As As (PVARP) 3% Ars 0% Ars (FFP) 1% Ap 93% 359881558 Sum Vs 82% PVC 1% Vrs 0% Vp 17% 351357558 Sum

Date: 13/05/2022 □ Diagnostics Time: 12:02 **Event sequences** Start 06/03/2012 Duration 3719 days 100% 25 50 75 As - Vs 3% As - Vp 0% Ap - Vs 80% Ap - Vp 17% Vx - Vx 1% 347266320 Sum







Diagnostics

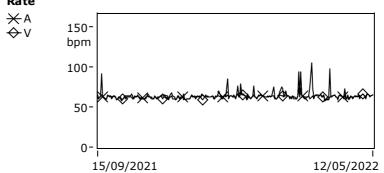
Date: **13/05/2022**

Time: 12:02

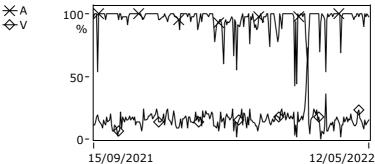
Rate trend 240 days

Start 06/03/2012 Duration 3719 days





% paced



Diagnostics

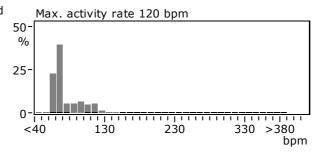
Date: 13/05/2022 Time: **12:02**

Rate histograms

Start 06/03/2012 Duration 3719 days

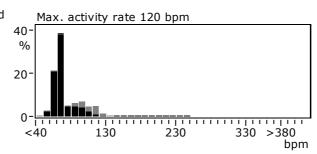
Atrium

Paced Sensed









III Diagnostics

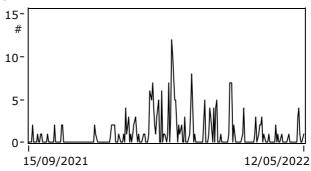
Date: **13/05/2022**

Time: 12:02

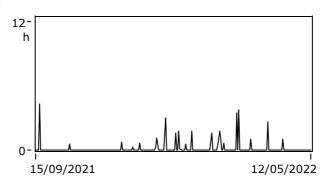
Atrial burden

Start Duration 06/03/2012 3719 days

Episodes



Duration



□ Diagnostics

Date: 13/05/2022 Time: **12:02**

Time of occurrence

Start Duration						06/03/2012 3719 days
	Q	25	50	7,5	100%	
0 - 3h						10%
3 - 6h						21%
6 - 9h						36%
9 - 12h						13%
12 - 15h						3%
15 - 18h						8%
18 - 21h						7%
21 - 24h						3%
	Sum				4936	

Diagnostics

Mode switching

 Start
 06/03/2012

 Duration
 3719 days

 Mode switches [Count]
 62092

Mode switches [Count] 62092
Time in mode switching [dd, hh:mm] 15 days, 09:42
Intervention rate [bpm] 160

Date: 13/05/2022

Date: 13/05/2022

Date: 13/05/2022

Date: **13/05/2022**

Time: 12:02

Time: **12:02**

Time: 12:02

Time: **12:02**

Diagnostics

PVC classification

 Start
 06/03/2012

 Duration
 3719 days

PVC sequences

Single PVC			95%
Couplets			3%
Triplets			1%
Runs (4 8)			0%
Runs (> 8)			0%
	Sum	2749148	

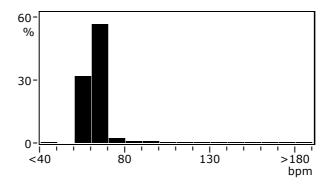
High ventricular rate episodes [Count] 2597

Diagnostics

Sensor histogram

 Start
 06/03/2012

 Duration
 3719 days

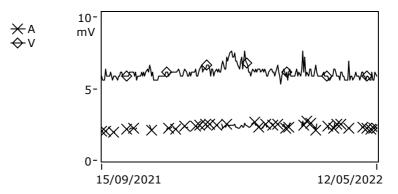


Diagnostics

P/R wave trend

 Start
 06/03/2012

 Duration
 3719 days



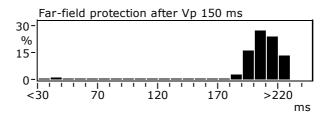
□ Diagnostics

Far-field histogram

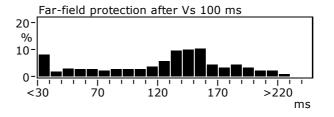
 Start
 06/03/2012

 Duration
 3719 days





Vs-As interval



■ Diagnostics

Date: 13/05/2022

Date: 13/05/2022

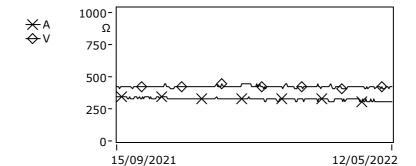
Time: **12:02**

Time: **12:02**

Lead impedance trend

 Start
 06/03/2012

 Duration
 3719 days



Diagnostics

Date: **13/05/2022** Time: **12:02**

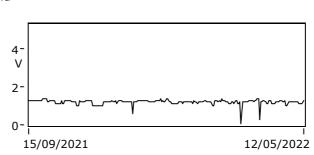
Threshold trend

 Start
 06/03/2012

 Duration
 3719 days

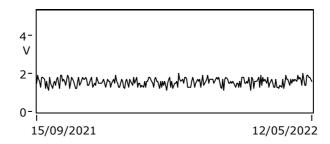
Atrium

—Threshold



Ventricle

—Threshold



Diagnostics

Date: 13/05/2022 Time: 12:02

Capture control status

Start 06/03/2012 Duration 3719 days

01:09

Right atrial capture control

Status

Note

Last threshold Date

13/05/2022

Right ventricular capture control

Status OK

Note

Last threshold

1.6

Date 13/05/2022 01:10

Date: **13/05/2022 ∢**T) Tests Time: **12:03**

P + R measurement DDI

Test program

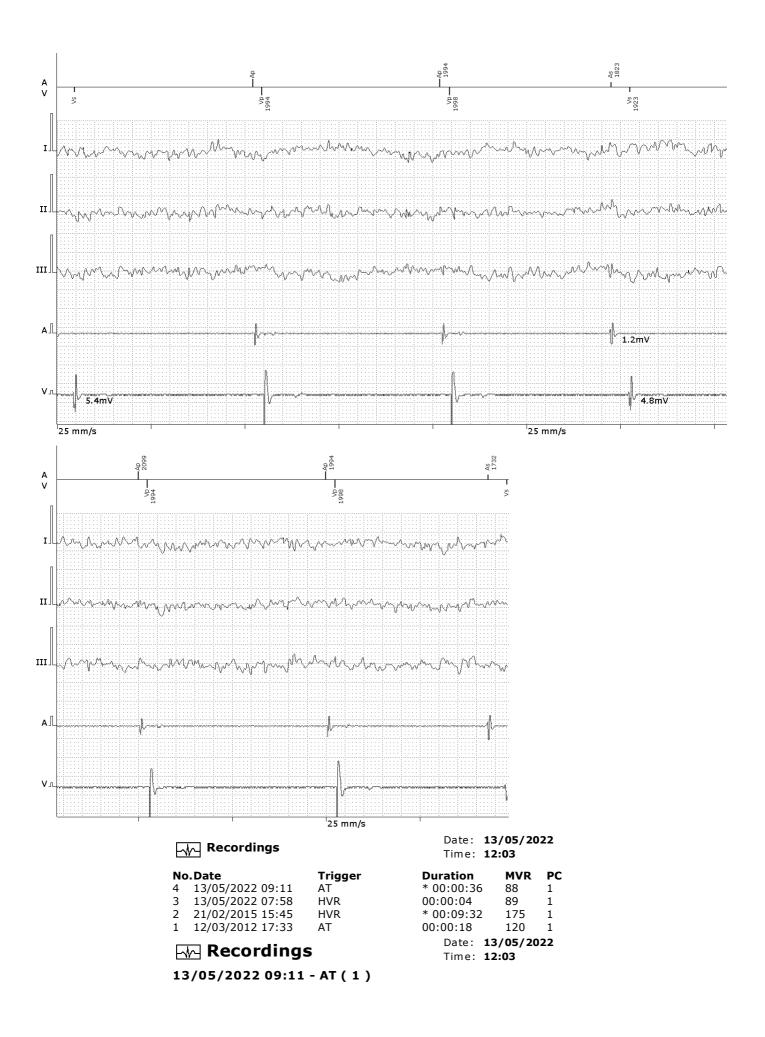
Battery status Basic rate [bpm] OK 30 AV delay [ms] 100 Upper tracking rate [bpm]

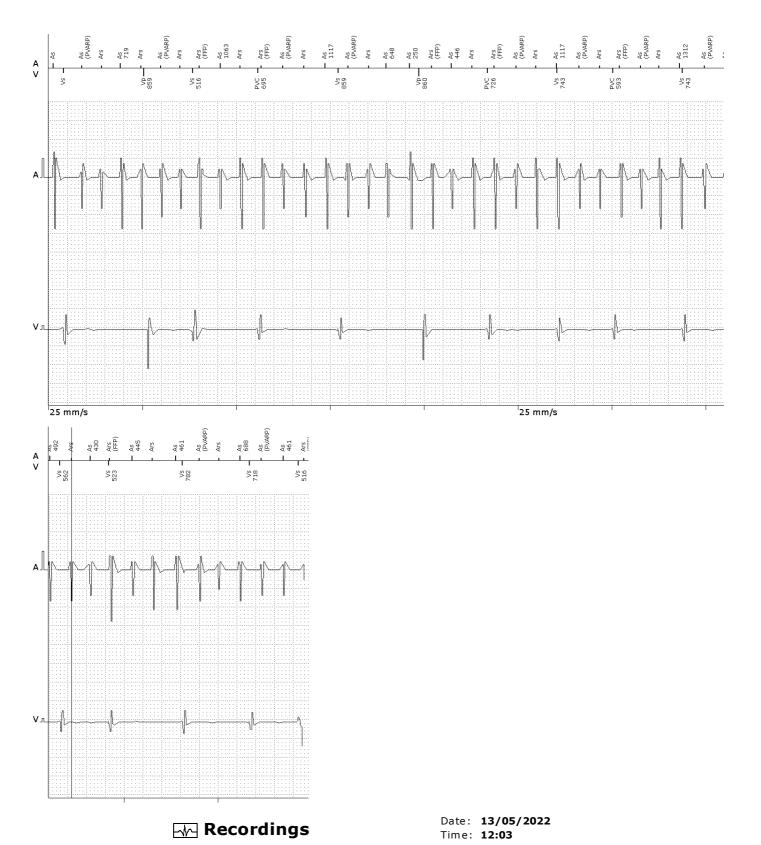
	A	V
Pulse amplitude [V]	2.3	2.1
Pulse width [ms]	0.4	0.4
Sensitivity [mV]	AUTO	AUTO
Pacing polarity	BIPL	BIPL
Sensing polarity	BIPL	BIPL

Measured values

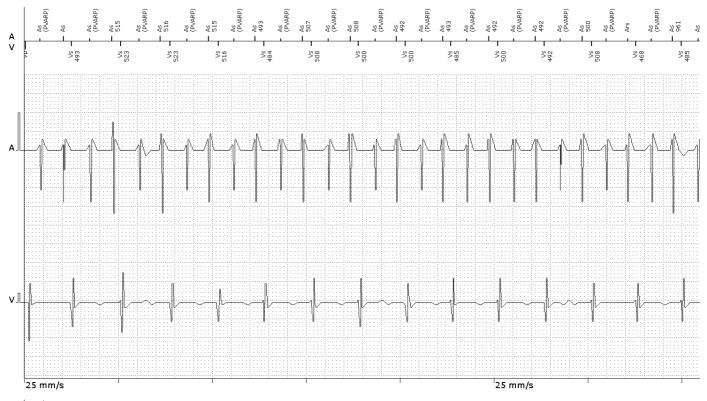
31	
Α	V
1.2	4.8
1.2	5.1
1.2	5.4
	1.2

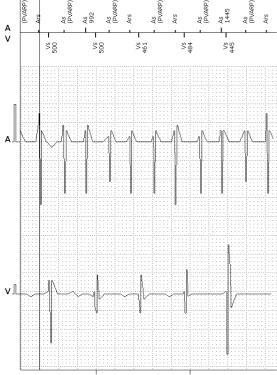
Date: 13/05/2022 Freeze Time: **12:03**





12/03/2012 17:33 - AT (1)





Follow-up

Overview

Patient

Name Date of implant

Status

Battery status Remaining battery capacity [%] Expected ERI Magnet response Last follow-up RAM ID

Date: 13/05/2022

Time: 12:47

, 06/03/2012

ОК 30 2 Y. 5 Mo. AUTO 28/05/2021 3.0

Mode Basic rate/UTR [bpm]	DDDR 60/130	
Pulse amplitude [V] Pulse width [ms] Pacing polarity Sensing polarity	A 2.3 0.4 BIPL BIPL	V 2.1 0.4 BIPL BIPL
$ \begin{array}{l} \textbf{Test results} \\ \textbf{P/R wave amplitude [mV]} \\ \textbf{Polarity} \\ \textbf{Threshold [V]} \\ \textbf{Pulse width [ms]} \\ \textbf{Polarity} \\ \textbf{Lead impedance } [\Omega] \\ \textbf{Polarity} \\ \end{array} $	A 1.2 BIPL 331 BIPL	V 5.1 BIPL 448 BIPL
Diagnostics Pacing in A/V [%] Atrial burden [%]	93/17 1	
Alerts and episodes New episodes	4 recording(s)	
Alerts		

High ventricular rates