# BIOTRONIK
## excellence for life

# Technical Information Piece

Date:       April 11, 2016

To:         All Field Personnel

From:       BIOTRONIK Technical Services

Re:         Indication Specific Program Suggestions for BioMonitor 2

BioMonitor 2 allows the user to monitor the patient for various clinical events.  The BioMonitor 2 has five automatic triggers and a patient trigger option to capture these events.  To help guide programming, the table below provides programming suggestions for different indications.  This is designed to make programming easier and tailor the device to meet the clinical needs of the patient while reducing non-actionable recordings.
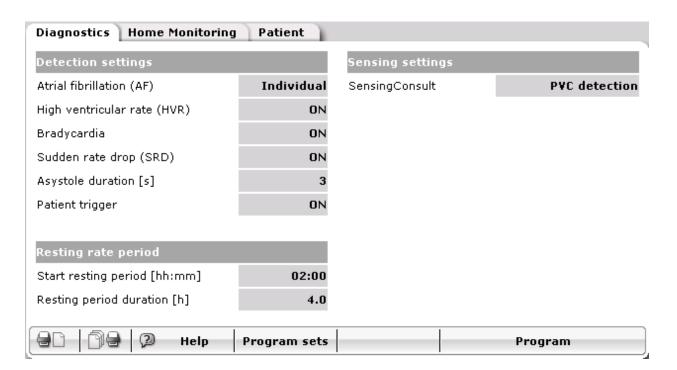
| Parameter | Default Setting | Syncope | Palpitations | AF Management | Suspected AF | Post AF Ablation |
|---|---|---|---|---|---|---|
| **AF** | | | | | | |
| **AF Sensitivity** | Medium | Low | Medium | Medium | Low | Medium |
| **Confirmation Time (minutes)** | 6 | 10 | 6 | 2 | 6 | 2 |
| **Bigeminy Rejection** | Standard | Aggressive | Standard | Standard | Standard | Standard |
| | | | | | | |
| **High Ventricular Rate (HVR)** | | | | | | |
| **HVR Limit** | 180 | 180 | 180 | 180 | 180 | 180 |
| **HVR Counter** | 16 | 32 | 32 | 32 | 32 | 32 |
| | | | | | | |
| **Bradycardia** | | | | | | |
| **Brady Zone Limit** | 40 | 30 | 30 | 30 | 30 | 30 |
| **Brady Duration** | 10 | 10 | 30 | 30 | 30 | 30 |
| | | | | | | |
| **Asystole Duration** | 3 | 3 | 3 | OFF | OFF | OFF |
| | | | | | | |
| **Sudden Rate Drop** | OFF | On | OFF | OFF | OFF | OFF |

| | | | | | |
|---|---|---|---|---|---|
| **Decrease (%)** | | 50 | | | |
| **Sensitivity** | | Low | | | |

To save time programming devices, the programmer can store up to three program sets under the parameter page of the device. To set up predetermined programs, do the following:
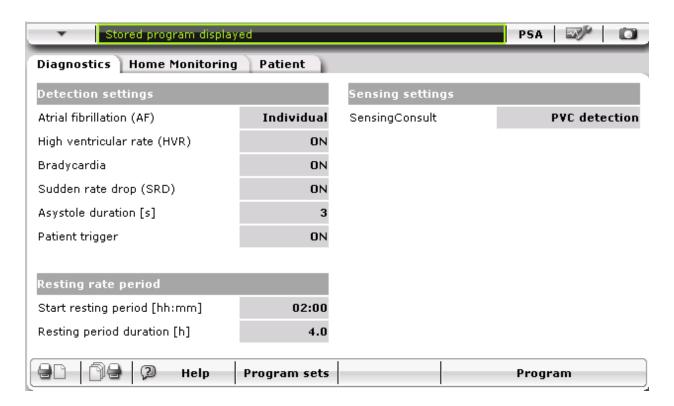
1. Program the desired settings



2. Press the button **Program sets**
3. Press the **Save** button. A keyboard will appear allowing the user to type in the name of the program. Once the name is typed in, press the enter key.
4. Repeat until three programs are entered

**Program sets**

Show standard program
Show first interrogated program
Show permanent program

| | |
|---|---|
| Syncopy | Save |
| AF Management | Save |
| Suspected AF | Save |

When programming a device, the user can select one of the program sets to populate the parameters. A message, **Stored program displayed**, will appear when one of the program sets is selected.

| Stored program displayed | | PSA | | |
|---|---|---|---|---|

**Diagnostics**  |  Home Monitoring  |  Patient

| Detection settings | | Sensing settings | |
|---|---|---|---|
| Atrial fibrillation (AF) | **Individual** | SensingConsult | **PVC detection** |
| High ventricular rate (HVR) | ON | | |
| Bradycardia | ON | | |
| Sudden rate drop (SRD) | ON | | |
| Asystole duration [s] | 3 | | |
| Patient trigger | ON | | |

| Resting rate period | |
|---|---|
| Start resting period [hh:mm] | 02:00 |
| Resting period duration [h] | 4.0 |

| | Help | Program sets | | Program |
|---|---|---|---|---|

Press the **Program** button to transmit the program to the device.

Please contact Technical Services with any questions: 1-800-284-6689