Now Available with the Latest BIOTRONIK ICD and CRT-D Family

The IN-TIME template is available for the following range of devices.

Device families:	Acticor, Rivacor, Ilivia Neo, Intica Neo
Model types:	HF-T QP, HF-T, DR-T, VR-T DX, VR-T

IN-TIME Alerts Covered with the Template

System alerts:	Standard configuration
Atrial arrhythmias:	All selected
Atrial burden:	>50% of day
Mean ventricular rate during AT/AF:	>120 bpm for >20% of day
Ventricular tachyarrhythmias:	All therapy episodes selected
HF monitor:	CRT <80%, PVC >100/h
Home Monitoring transmission:	No message received for 3 days

1 Hindricks G et al. Implant-based multiparameter telemonitoring of patients with heart failure (IN-TIME): a randomised controlled trial. The Lancet. 2014; 384 (9943): 583–590; (3.4% in the Home Monitoring Group vs. 8.7% in the control group).
2 Ponikowski et al.: 2016 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure, European Heart Journal, doi:10.1093/eurheartj/ehw128.
3 Number of alerts refers to CRT model and varies across device types.
4 Compared with default setting, 14 alerts will be adjusted (CRT model).

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BIOTRONIK Home Monitoring® for Acticor/Rivacor Devices

IN-TIME Settings Now Available at the Push of a Button

More Than 60% Mortality Reduction

The IN-TIME trial shows that all-cause mortality can be reduced by more than 60%.[1] This outcome can be achieved by following the IN-TIME protocol, based on daily transmissions.

2016 ESC Guidelines Include IN-TIME Approach[2]

Recommendations for exercise, multidisciplinary management and monitoring of patients with heart failure

	Class	Level
Multiparameter monitoring based on ICD (IN-TIME approach) may be considered in symptomatic patients with HFrEF (LVEF ≤35%) in order to improve outcomes.	**IIb**	**B**

IN-TIME Template Available with BIOTRONIK Home Monitoring

BIOTRONIK Home Monitoring can be easily programmed to IN-TIME settings, enabling 50 alerts[3] with the click of a button. This avoids the hassle of manually adjusting the alert settings to trigger "IN-TIME events".[4]

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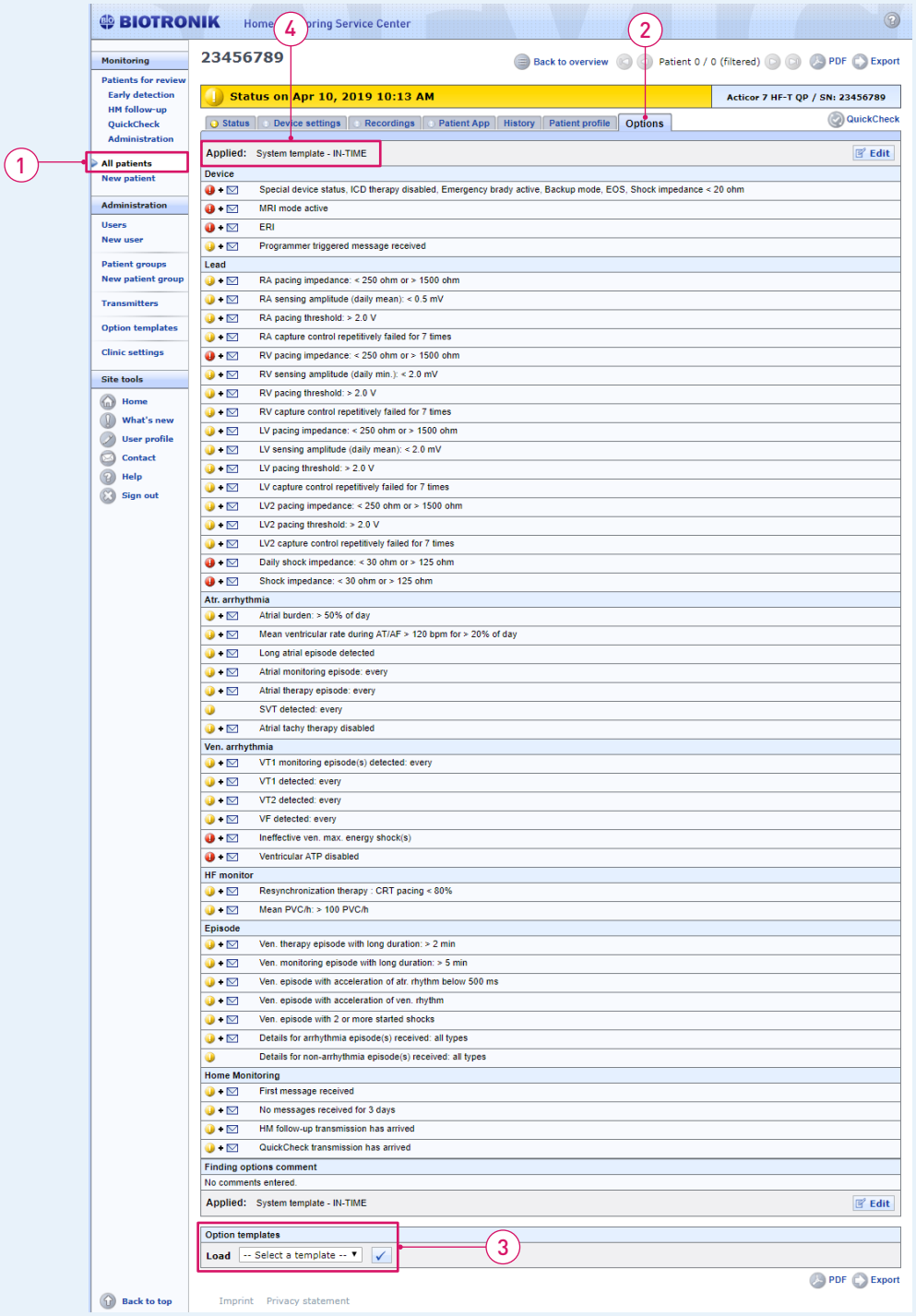


How to Program

At the Programmer

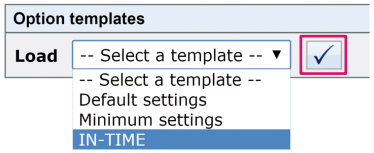
- The device should be programmed according to current guidelines and at the discretion of the physician.
- If you are programming a VT monitoring zone, note that in the IN-TIME study, a threshold of 150 bpm was used.
- In case BIOTRONIK Home Monitoring is not active yet, please activate it in the device settings on the programmer.

At the Home Monitoring Service Center (HMSC)

1. Login to your HMSC user group. Go to "All patients" and select the patient for whom the IN-TIME template should be activated.

2. Go to "Options." The current alert setting will be shown.

3. Go to the "Option templates" section at the end of the page. Choose the IN-TIME template from the drop-down box and click the Check mark button.



The IN-TIME alert setting is now displayed. Confirm the setting at the end of the page.

4. Now, the IN-TIME template is active for this patient.