

MEDIA FACT SHEET

BIOTRONIK Home Monitoring: A Pioneering Tele-cardiology Solution

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Consistent with its belief in challenging the status quo, BIOTRONIK launched the world's first remote monitoring system in 2000. [BIOTRONIK Home Monitoring®](#) is available with BIOTRONIK pacemakers, implantable defibrillators (ICDs), cardiac resynchronization therapy (CRT) devices and insertable cardiac monitors (ICMs).

How does BIOTRONIK Home Monitoring work?

BIOTRONIK Home Monitoring enables physicians to receive patient cardiovascular data from anywhere in the world. BIOTRONIK cardiac implants send relevant clinical and technical data every day to a CardioMessenger transmitter. The CardioMessenger automatically transmits the data via global cellular networks to the BIOTRONIK Home Monitoring Service Center. Physicians can access and review the data 24/7 on a secure web portal and can additionally choose to receive urgent patient event alerts via text message or email.

Benefits for patients and physicians:

- Provides early detection to enable early interventions—improving outcomes^{1,2} and reducing workload³
- Improves patient clinical status and reduces mortality^{2,4}
- Can safely and efficiently reduce and replace face-to-face follow ups^{1,5,6}
- Helps provide optimal patient satisfaction⁷

References:

1 TRUST Study. Varma et al., Circulation (2010), 122: 325.

2 IN-TIME Study. Hindricks et al., The Lancet (2014), 384: 583-590.

3 ECOST Study. Guedon-Moreau et al., European Heart Journal (2013), 34: 605-614.

4 TRUECOIN Study. Hindricks et al., European Heart Journal 2017, 1749-1755


5 REFORM Study. Hindricks et al. European Heart Journal (2014), 98-105

6 COMPAS Study. Mabo et al., European Heart Journal (2012), 33: 1105.

7 Ricci et al., Europace (2010), 12: 676.



BIOTRONIK at a Glance

At BIOTRONIK , patient well-being is our top priority and has been for more than 60 years. BIOTRONIK is a leading global medical technology company with products and services that save and improve the lives of millions suffering from heart and blood vessel diseases as well as chronic pain. BIOTRONIK is headquartered in Berlin, Germany, and is represented in over 100 countries.



Global Impact

Physicians have implanted more than 20 million BIOTRONIK devices in over 100 countries.



Business Areas

BIOTRONIK is active in cardiac rhythm management, electrophysiology, vascular intervention and neuromodulation.



R&D

BIOTRONIK is headquartered in Berlin and researches, develops and manufactures exclusively in the high-tech countries of Germany, Singapore, Switzerland and the United States.

All critical components are manufactured in-house to ensure uncompromised safety, the highest quality and reliability. One in five employees at Berlin headquarters work in research and development.

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