

**Medtronic**



**HealthCast™ portfolio**  
**BioButton®\* multi-parameter wearable†**

# Helping you prioritize. When everything is a priority.

You have an unwavering commitment to delivering quality of care to all patients. But with staffing shortages and clinician burnout, that task has become more challenging.

Part of the HealthCast™ intelligent patient manager, a portfolio of remote monitoring and connectivity solutions, the BioButton® multi-parameter wearable† is designed to help clinicians prioritize care and expand patient monitoring capabilities from in-hospital to hospital-to-home.

It's our commitment to always look out for patients – and always look out for you.

†The BioButton® multi-parameter wearable device is not intended for critical care monitoring.

# Continuously monitor patients in-hospital and hospital-to-home.

Tasked with the unprecedented need to monitor higher-risk patients in lower-acuity and home-care environments,<sup>1</sup> clinicians want to have time to care for all their patients while prioritizing those who need their help most.

That's why the BioButton® multi-parameter wearable is designed to continuously monitor patients – whether they're in the hospital or recovering at home.

Built for continuous vital sign monitoring of skin temperature, resting respiratory rate, and resting heart rate, along with a broad range of biometrics, the BioButton® wearable device provides a broad view of your patient's vital sign data.

It's device innovation to help give you peace of mind. So you know you're staying in sync with every patient's vital sign data and responding to their changing needs, no matter where they are.<sup>†</sup>

Since the pandemic, patient safety incidents resulting in sentinel events have increased by more than **30 percent**.<sup>2</sup>

## Vital signs and biometrics

BioButton® device continuously monitors temperature, respiratory rate and heart rate, which can serve as predictors of deterioration.<sup>3-5,‡</sup>

Other biometrics



<sup>†</sup>The BioButton® multi-parameter wearable device is not indicated for use in the ICU.

<sup>‡</sup>Based on studies done on devices using same or some of the same monitoring parameters as the BioButton®\* multi-parameter wearable.



# Continuous remote patient monitoring – connecting all the right points

Imagine how different the outlook for your patients could be if you had the ability to streamline workflow, promote patient and staff satisfaction, and help improve outcomes.

## Workflow benefits

- Reduced need for manual vital sign collection<sup>6</sup>
- Decreased manual documentation time<sup>6</sup>
- Less threshold alarm and reduced alarm fatigue<sup>7</sup>

## Patient and staff satisfaction benefits

- Fewer nighttime spot checks that wake patients<sup>8</sup>
- Comfortable feel of wearable over extended period of time<sup>8</sup>
- Freedom of movement, eliminating need to disconnect from a bedside monitor to get out of bed, ambulate, or use the restroom<sup>8</sup>



# Help improve outcomes

Explore how using remote monitoring wearables can help contribute to a patient's overall recovery, which may also improve patient throughput – to help hospitals care for more patients.



## In-hospital benefits

Studies show that devices using some of the same monitoring parameters as the BioButton® device on the medical-surgical floor enable earlier intervention through earlier identification of adverse patient physiologic trends<sup>6,9,10,†,‡</sup>, which can lead to:

- **Shorter average hospital stay**<sup>10,‡</sup>
- **Fewer unplanned ICU admissions**<sup>11-13,‡</sup>
- **Fewer rapid response team activations**<sup>8,11,13,‡</sup>
- **Decrease in complication rates**<sup>12,‡</sup>

These improved outcomes can help hospitals effectively manage capacity and support patient safety.



## In-home benefits

Remote patient monitoring allows for more constant monitoring of patients once they are discharged, too – so clinicians can address and treat issues quickly and help patients stay out of the hospital.

- **Reduced mortality rate**<sup>14</sup>
- **Reduced likelihood of 30-day readmissions, specifically for patients with chronic illness such as COPD or CHF**<sup>14</sup>

†Based on two wearables that monitor 1) HR, BP, RR, SpO<sub>2</sub>, Temp and 2) HR, RR Temp.

‡Based on blood pressure, pulse rate, body temperature, heart rate, and pulse oximetry.



# Focused on your patients. Works with your workflow.

## How can you continue to do more with less to impact patient care in-hospital and hospital-to-home?

With the BioButton® multi-parameter wearable device, we're not just helping you simplify the delivery of care. We're changing the model of care from a reactive to a proactive one. Explore how:

- Built to track and capture 1,440 vital sign measurements per day, including clinically relevant parameters of skin temperature, resting respiratory rate, and resting heart rate
- Non-invasive remote patient monitoring solution that's discreetly worn on the patient's upper left chest
- BioButton® multi-parameter wearable device and its supporting systems are HIPAA-compliant and adhere to strict privacy and security standards



## How the BioButton® device helps with remote patient monitoring in-home



- Configurable acute and post-acute modes
- Up to 16-day continuous battery life
- Integrate with existing EMR systems
- Secure, purpose-built BioHub™ platform or BioMobile™ app, along with BioButton® multi-parameter wearable, allow clinicians to monitor vital signs of patients who have been discharged from the hospital
- Compatible with certain CPT codes for post-discharge remote patient monitoring and care management



## Make the BioButton® multi-parameter wearable device yours.

Contact your Medtronic sales  
representative to learn more.

Or visit:

[www.medtronic.com/healthcast\\_biobutton](http://www.medtronic.com/healthcast_biobutton)

Patient monitoring products should not be used as the sole basis for diagnosis or therapy and are intended only as an adjunct in patient assessment.

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