

Medtronic



Why is spot checking alone no longer enough?

Help prevent patients from falling through
the cracks with **wearable trend monitoring**



The challenge of spot checking alone

The fallout of the pandemic has placed increasing stress on nursing teams. With fewer staff^{1,2} caring for more patients, spot checking non-critical patients every 4-6 hours may not be enough. Patient deterioration may go unnoticed or recognition may be delayed. This significantly increases the chance of an adverse event and puts your patients at risk.

60%

of patients have at least one abnormal vital sign (HR, RR, BP) **less than 4 hours** before in-hospital cardiac arrest³

On a typical 30-bed unit, monitoring vital signs every 4 hours requires

900+

minutes of nursing time **per day**⁴

Wearable trend monitoring can help fill the gaps

Wearable trend monitoring complements and supports routine spot checking. This method tracks trends of non-critical care patients using the best early indicators of patient decline in the hospital – resting respiratory rate, resting heart rate, and skin temperature.

Continuous monitoring with a wearable device can help caregivers:

- **improve patient safety⁵** through accurate, early detection of patient deterioration
- **reduce rapid response team activations⁶** and ICU transfers, helping to **reduce costs⁷⁻⁹**
- let healthcare providers **discharge with confidence¹⁰**
- **improve job satisfaction¹¹** by helping nurses identify and focus on patients needing skilled care

Continuous remote vital sign monitoring[†] has been shown to help caregivers reduce:

- ↓ **time to rapid response system activation^{12,‡}**
- ↓ **nurse workload^{12,‡}**
- ↓ **hospital length of stay^{13,‡}**
- ↓ **unplanned ICU transfers^{13,‡}**
- ↓ **code blue rates^{13,‡}**



[†]Consisting of blood pressure, pulse rate, and body temperature with manual respiratory rate.
[‡]Used parameters similar to but not identical to those measured by BioButton™.

Monitor trends with BioButton®*

The **BioButton®*** multi-parameter wearable is a non-invasive, medical-grade, patient trend remote monitoring solution. It collects minute-by-minute key physiological data to help clinicians prioritize care, simplify workflow, improve patient outcomes, and expand patient monitoring capabilities from in-hospital to hospital-to-home.



Learn more

For a clinical demo or to learn more about trend monitoring with the **BioButton®*** multi-parameter wearable, contact your rep or scan the QR code:



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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[medtronic.com/healthcast_biobutton](https://www.medtronic.com/healthcast_biobutton)

BioButton® multiparameter wearable is manufactured by BioIntelliSense, Inc. 570 El Camino Real, #200 Redwood City, CA 94063. Distributed by Medtronic.

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