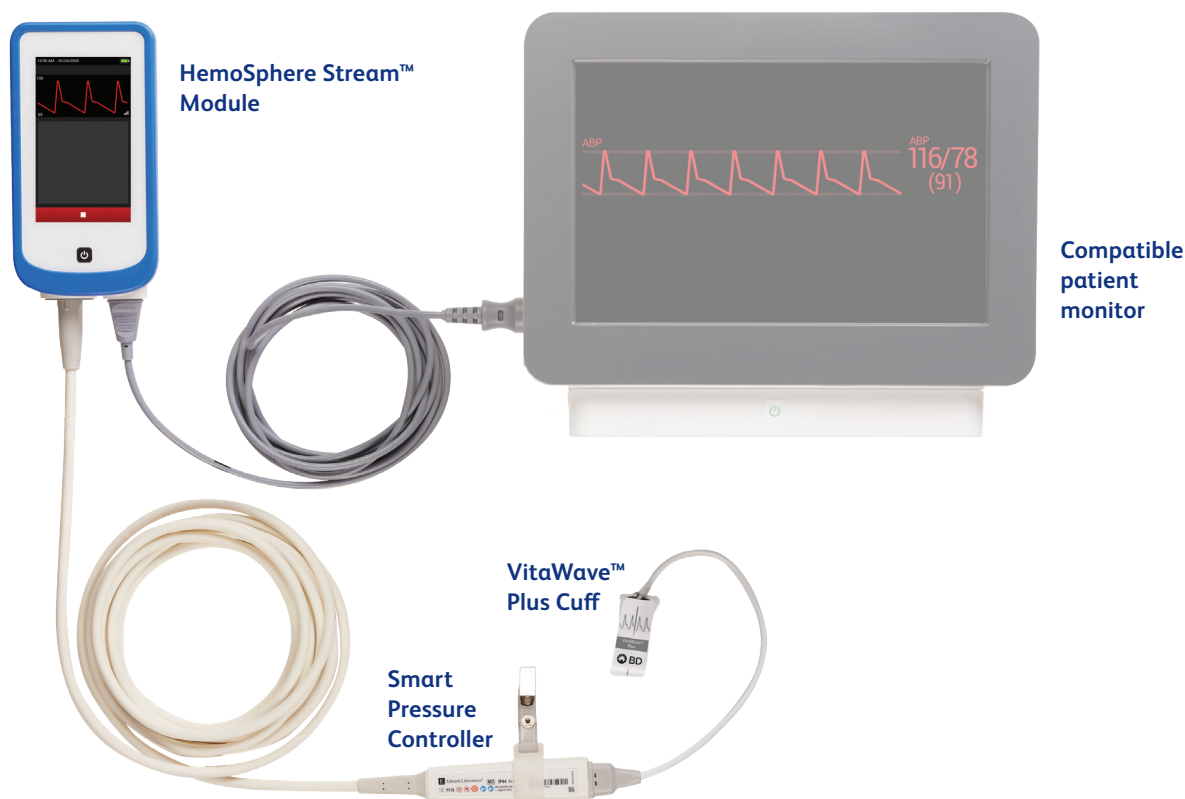


VitaWave™ Plus System



Noninvasive, beat-to-beat blood pressure for your bedside monitor

See more with continuous, noninvasive blood pressure monitoring from VitaWave™ Plus System – now streaming to your compatible patient monitor*. Quickly detect and respond to rapid changes in blood pressure through an accurate arterial waveform, noninvasively. And with an intuitive setup experience, any trained staff can set up VitaWave™ Plus System properly.



Designed for accuracy

VitaWave™ Plus System provides a blood pressure waveform with accuracy comparable to an arterial line, noninvasively.

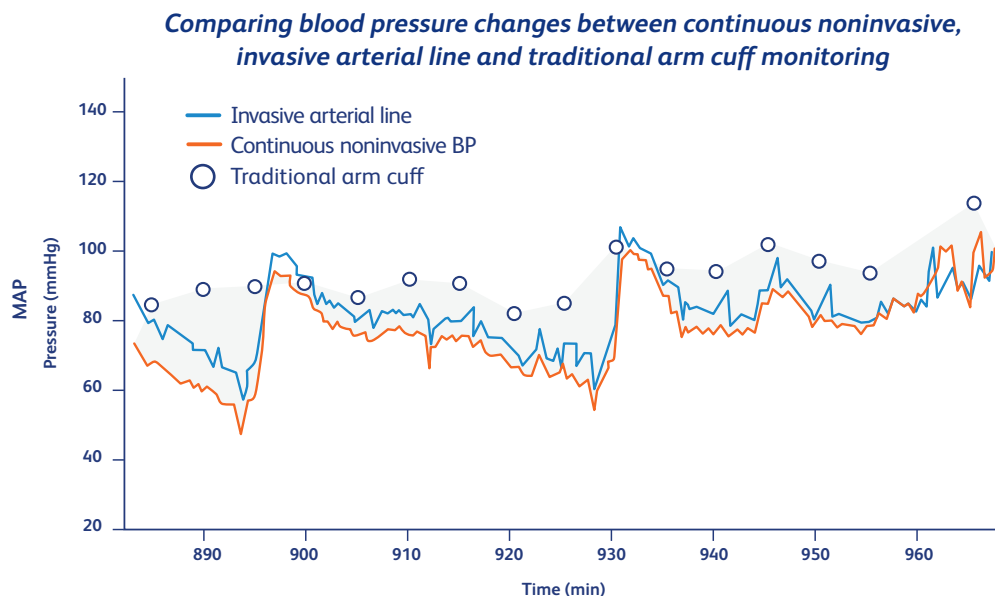
A retrospective study of 27,493 patients undergoing noncardiac surgery found that **inaccuracy of the traditional arm cuff** contributed to noticeable misclassification of blood pressure values during surgery.¹

*Compatible patient monitor not sold by BD.



Continuous beat-to-beat blood pressure monitoring

The Anesthesia Patient Safety Foundation recommendations on hemodynamic instability call for implementing continuous noninvasive monitoring.² Further, the Anesthesia Patient Safety Foundation recommends monitors that provide real-time feedback on an intervention's effectiveness.² With VitaWave™ Plus System, you can quickly detect rapid changes in blood pressure with real-time continuous measurements.



Intraoperative hypotension is a risk to all surgical patients

Even for lower-risk patients and procedures, short periods of hypotension may have serious consequences. A randomized controlled trial suggests clinicians can use continuous noninvasive finger cuff monitoring instead of traditional arm cuff monitoring to reduce hypotension during induction of anesthesia and during surgery.^{**3}

90%
reduction in
hypotension

CAUTION: Federal (US) law restricts these devices to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.

* VitaWave™ Plus Cuff product label may differ.

** Single-center randomized control trial with 242 noncardiac surgery patients where hypotension was defined as area under a MAP of 65 mmHg (mmHg x min) within 15 min of anesthetic induction or time-weighted average (TWA) MAP < 65 mmHg during surgery.

References

- 1 Kim DS, Kwon S, Bovik AC, Markey MK, Giovannucci EL, Cannesson M. Intraoperative Blood Pressure Misclassification Due to Inaccuracy of Noninvasive Oscillometric Cuff-Measured Blood Pressure. *Hypertension*. 2025;82(2):e1-e3.
- 2 Scott MJ, APSF Hemodynamic Instability Writing Group. Perioperative Patients With Hemodynamic Instability: Consensus Recommendations of the Anesthesia Patient Safety Foundation. *Anesth Analg*. 2024;138(4):713-724.
- 3 Kouz K, Weidemann F, Naebian A, et al. Continuous Finger-cuff versus Intermittent Oscillometric Arterial Pressure Monitoring and Hypotension during Induction of Anesthesia and Noncardiac Surgery: The DETECT Randomized Trial. *Anesthesiology*. Sep 1 2023;139(3):298-308.

BD, Irvine, CA 92618 USA

bd.com



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