

Cardiac Output Insights

Care that can connect the dots

An advanced monitoring solution for perioperative hemodynamic instability



The challenge

Hemodynamic instability is a common problem, during and after surgery, especially in patients with co-morbidities.¹

Without dedicated cardiac output monitoring, clinicians probably lack a clear view of the root cause of hemodynamic instability and may need to make decisions with limited information, putting patients at greater risk of preventable complications.

At the same time, most clinicians report they lack access to cardiac output monitoring, cannot afford it, or find traditional systems too invasive and complex.²

Up to
90% of high-risk surgical patients do not
have their cardiac output monitored
during the perioperative period.³



The solution

Cardiac Output Insights— Cause-directed care

Powered by the PRAM™ algorithm, Cardiac Output Insights makes advanced perioperative hemodynamic monitoring available whenever it's needed. One touch activates continuous, real-time cardiac output monitoring through the arterial line already in place.

Directly integrated into GE HealthCare's Carevance™ monitoring platform, Cardiac Output Insights combines three elements:

- Built-in cardiac output measurement
- No special accessories
- A decision support view that helps guide treatment

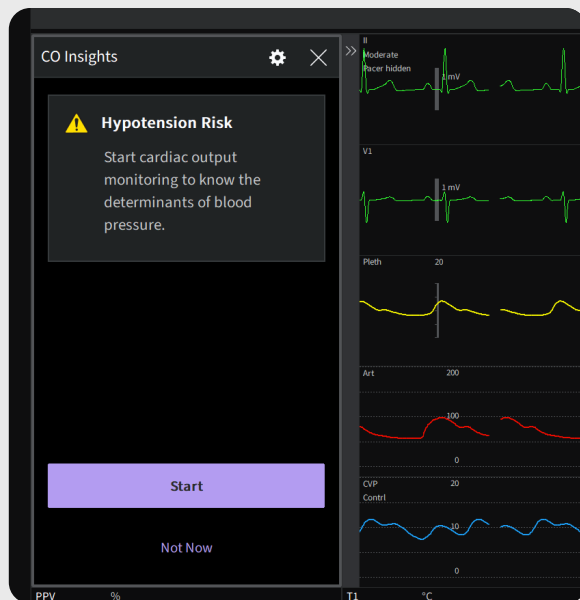
The result is immediate access to accurate, on-demand insights—without extra devices, costly disposables or additional steps.

This combination helps teams respond to situations faster and more effectively by addressing the true cause of instability.



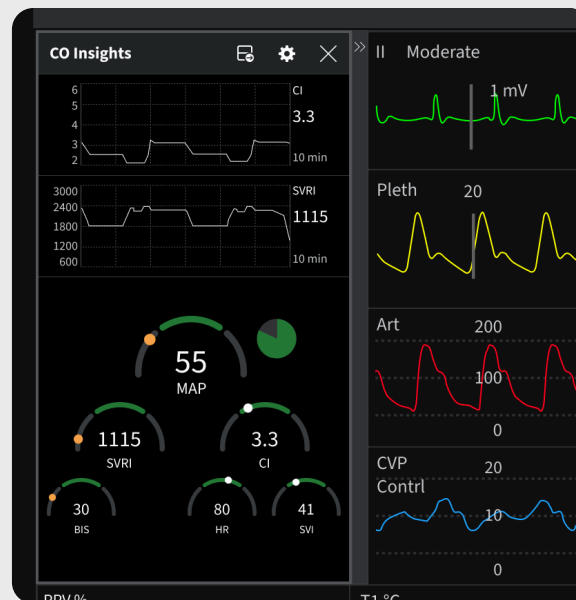
Insights on demand

Cardiac Output Insights combines proactive notifications with a visual decision support view, giving clinicians earlier awareness of risk and guidance for treatment.



Hypotension risk notification:

When MAP falls below a defined threshold, the Carevance monitor displays a visual alert. This prompt helps clinicians start Cardiac Output Insights sooner and recognize potential deterioration before it progresses.



The Cardiac Output Insights decision support view: Once activated, the decision support view provides a clear visual guide to the underlying cause of hemodynamic instability, helping clinicians determine and deliver the right intervention with confidence.

What clinicians ask:

Is this hypotension from fluid loss, depth of anesthesia or cardiac dysfunction?

Should I give fluids or vasopressors—and how do I know which is right?

Cardiac Output Insights helps answer these questions quickly and effectively.

Streamline perioperative care

Cardiac Output Insights makes advanced perioperative hemodynamic monitoring available to more patients and providers. By combining a validated algorithm, simplified workflows and a sustainable pay-per-use model, it helps clinicians:



Align care with clinical consensus & guidelines—so clinicians treat hemodynamic instability based on its cause.^{4,5}



Intervene earlier to reduce complications—so teams can act sooner and with greater confidence.

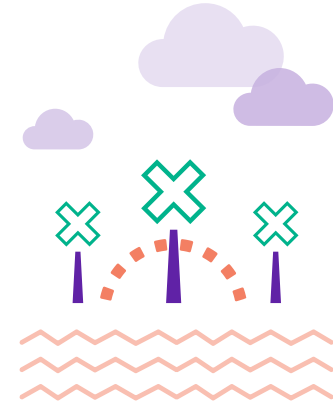


Leverage existing arterial line—so clinicians can access data in high-risk patients without added equipment or complexity.



Advanced monitoring for the right patient, at the right time

From risk notification to root-cause insights, Cardiac Output Insights supports faster, cause-directed care.



Clinical Excellence

Cause revealed.
Confident action.

Accurate, on-demand cardiac output with clear visual guidance, helping teams identify the cause of hemodynamic instability sooner and intervene with confidence.⁶



Accessibility

One touch.
Insights on demand.

Integrated, ready-to-use monitoring with pay-per-use 'digital accessories', removing hardware and cost barriers so advanced monitoring can reach more patients, even when it isn't planned.



Sustainability

Smarter use.
Smaller footprint.

Built-in monitoring that eliminates stand-alone devices and proprietary disposables, helping to reduce waste, clutter and workload.⁷

Learn more about Cardiac Output Insights on Clinical View

clinicalview.gehealthcare.com

Learn more about Cardiac Output Insights and contact us

gehealthcare.com

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Not all products or features are available in all markets. Full product technical specification is available upon request. Contact a GE HealthCare representative for more information. Please visit www.gehealthcare.com. Data subject to change. Cardiac Output Insights application is available on GE HealthCare's Carevance monitors. For further details, always refer to the User Manual of the device. Carevance is a trademark GE HealthCare. GE is a trademark of General Electric Company used under trademark license.

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