PREVENT THE
PREVENTABLE.

Introducing the Vital Sync™
Early Warning Score App
2017 ECRI INSTITUTE
TOP PATIENT SAFETY
CONCERNS INCLUDE: 2

• Unrecognized patient deterioration
• Implementation and use of clinical decision support
If you could make it easier to identify at-risk patients sooner, you would. If you could prevent the preventable, you would. The Vital Sync™ early warning score app can help you do just that.

The first warning signs of a code blue appear as early as six hours in advance of the event.¹ But identifying patient deterioration early can be difficult with single parameter monitoring since you are alerted only when a significant physiological change occurs.

Early warning scores (EWS) were developed to help address this exact problem. An EWS paints a fuller picture of your patient’s overall condition by measuring and calculating a score based on multiple parameters. It not only alerts you when there is a significant change in a single parameter, it also tracks subtle changes across multiple data points. And that can help you identify when a patient needs intervention sooner — and prevent preventable complications.¹
An EWS can identify patient deterioration six hours sooner than a single parameter.\(^1\) The impact of using an EWS is proven. But managing the data collection and calculations to implement an EWS protocol can be complicated and time-consuming.

**THIS IS WHERE THE VITAL SYNC™ EARLY WARNING SCORE APP OFFERS SIGNIFICANT VALUE.**

Our app simplifies the implementation of an EWS by providing:

- Direct device connectivity and continuous calculations for an “earlier” early warning score
- Automatically calculated scores and alerts — available anywhere, anytime
- A proven EWS based on clinical evidence and the ability to build your own score
The benefits are real. Continuous vital signs monitoring + early warning scores = earlier identification of patient deterioration.

Improved clinical outcomes:
- Unplanned ICU transfers: 33–68%
- Post-RRT call survival: 6%

Strong predictor of cardiac arrest and death within 48 hours.

RRT response is within 48 hours with use of an automated early warning system.

The Vital Sync™ EWS app was designed to help you easily implement the EWS protocol, or protocols, to suit your needs. And realize the benefits of an automated early warning system.
With the timely insights from the Vital Sync™ EWS app, you know when to intervene — sooner

Our app continuously assimilates patient information from four different sources: directly from both Medtronic and third-party bedside devices, from the EMR, and via manual inputs. The system uses this data to continuously and automatically calculate an EWS based on the proven algorithm your facility selects. And the system sends alerts and presents this information when and where you need it — on any web-enabled device — so you can:

- Identify patient deterioration sooner
- Prioritize patient care and necessary escalations
- Facilitate clinical collaboration
- Have more time to help more people
The Vital Sync™ EWS app connects directly to the monitoring devices you use today to provide accurate, real-time parameter measurements. And because our app continuously pulls information directly from bedside devices — rather than the EMR, which can introduce many hours of delay — it delivers a more immediate, “earlier” early warning score than many other systems. This direct-from-the-device capability helps get critical information to you quickly so you can respond to signs of clinical distress sooner.
A CHOICE OF PROVEN EARLY WARNING SCORES

The Vital Sync™ EWS app gives you a choice of commonly accepted, proven EWS protocols based on published clinical literature, as well as the ability to build a custom score. So you can use the EWS protocol that best suits your patient populations.

THE APP OFFERS YOUR CHOICE OF:

• NEWS — national early warning score
• MEWS — modified early warning score
• SEWS — Scottish early warning score
• WEWS — Wellington early warning score
• The option to build a customized score based on your facility’s scoring protocols

Our app continuously and automatically calculates a score using multiparameter information based on your chosen EWS protocol.
INTUITIVE, MEANINGFUL INFORMATION AT YOUR FINGERTIPS.

- Alerts you when a patient has a high EWS
- Easy access to EWS alerts from any web-enabled device
- Continuously monitors parameters in near real time from multiple devices
- Aggregates data with other vital signs and observations, which can be entered manually or pulled from your EMRs
- Indicates when the score was calculated
Vital information when and where you need it

Our EWS app is just one of the tools available with the Vital Sync™ monitoring and clinical decision support (CDS) solution. Our CDS solution offers a suite of tools designed to help you simplify the complexity of managing patient care. We integrate the multitudes of data from your individual devices to a single platform. And transform it into smart, actionable information. Delivered to you wherever you are, on virtually any device. The Vital Sync™ CDS solution provides you the right information at the right time — so you can focus on the patients who need you most.
The introduction of the innovative Vital Sync™ monitoring and CDS solution is a big step forward — but it’s only a first step

We’re committed to expanding both the capabilities of the platform itself and the number of meaningful CDS apps. So we can help in even more areas in your hospital.

We strive to identify the issues most important to you. And we partner with you to create helpful solutions to simplify what you do every day.

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