HELP GET THEM BREATHING ON THEIR OWN. SOONER.

Introducing the Vital Sync™ Weaning Readiness and Spontaneous Breathing Trial Monitoring App
Knowing precisely when to start the ventilation weaning process and when to extubate your patients can be a challenge.

Extubating too soon places patients at risk for longer hospital stays\(^1\text{-}^3\) and an up to 12 times increased mortality risk.\(^1\text{-}^4,^7\) Extubating too late can lead to:\(^8\text{-}^9,^14\)

- Increased vent dependency
- Increased length of stay and sedation use
- Risk of ventilator-associated pneumonia

But protocolized weaning can help — to identify patients who are ready for weaning more quickly and to manage the weaning process. It has been shown to significantly reduce the duration of ventilation, number of complications, and resulting costs.\(^8\text{-}10,^15\)
The Vital Sync™ weaning readiness and SBT monitoring app simplifies protocol-driven weaning — and helps you prioritize your time for those patients who need you most.

The app tracks weaning readiness in real time and sends you remote notifications the minute your patients meet your identified criteria. Once you initiate a spontaneous breathing trial (SBT), it helps you track your patient’s breath-by-breath progress throughout the trial — from wherever you are.

Protocolized weaning has been shown to:
• Reduce time on vent by more than a day\textsuperscript{11}
• Reduce a patient’s length of stay in the ICU by more than a day\textsuperscript{12}
• Cut the risk of ventilator-associated pneumonia by as much as 35\%\textsuperscript{14}
• Save $4,000 a day in ICU cost per ventilated patient\textsuperscript{15}
When starting the weaning process — and collaborating with your team throughout an SBT — every minute matters. With the Vital Sync™ weaning readiness and SBT monitoring app, time is on your side.
Know the minute your patient is ready to begin weaning

The Vital Sync™ weaning readiness and SBT monitoring app helps you get your patients off ventilation faster. You can begin weaning your patients as early as possible by:

- Continuously and remotely monitoring them
- Tracking when they’re ready to begin the weaning process
- Receiving an alert the minute they reach your identified readiness criteria

By viewing all this data from wherever you are, you can monitor the progress of multiple patients at a single glance and have the data to identify when a patient is ready to begin weaning at your fingertips.
Track your patients throughout an SBT — from wherever you are

Our app lets you identify the specific parameters and thresholds to guide your care during an SBT. If your patient falls outside the predefined thresholds, you and your respiratory team are alerted. So you can go to their bedside to intervene. Because you can view all this data from wherever you are, you can run multiple SBTs simultaneously. And focus your time on the patients who need you most.

With our app you can:
- Follow protocolized weaning practices based on AARC guidelines or your facility’s protocols
- Monitor the breath-by-breath progress of SBTs remotely, access trial progress data, and intervene if needed
- Receive alerts remotely, including readiness to extubate
- Avoid the risks of prolonged ventilation

Set specific trial time. Track minute-by-minute progress.

Define the guardrails that determine the trial’s progress toward a successful conclusion

Receive alerts if your patient falls outside those thresholds and when your patient has met readiness to extubate criteria

Set the parameters and thresholds you want to monitor during an SBT including:
- SpO₂
- etCO₂
- PR
- RR
- f/Vt per your protocol
Customization Capability
The app’s default criteria are based on AARC guidelines. But you have the flexibility to customize the app:
• Identify specific criteria to determine who is ready to begin weaning
• Identify the parameters and thresholds you want to monitor during an SBT
• Define the criteria that determine your patients’ readiness to extubate
• Include parameters from Medtronic or third party devices, the EMR, or manual inputs

COLLABORATION
Remote access allows respiratory therapists, intensivists, nurses, and other clinicians to collaborate throughout the weaning process.
Extending the capabilities of the Vital Sync™ monitoring and clinical decision support (CDS) solution

Our weaning readiness and SBT monitoring app is just one of the CDS tools available with the Vital Sync™ monitoring and CDS solution. The 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 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 clinical decision support (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.

Together, let’s make clinical decision making uncomplicated.