

# iX5 ventilator

Quickly access and manage real-time data when treating neonatal, pediatric and adult patients



*Providing critical care clinicians and hospital administrators with long-term reliability and high-quality performance they can trust*



In the complex, sensory-rich environment of the ICU, clinicians are faced with having to make quick decisions and prioritize care based on multiple information points coming from multiple devices.

The iX5 ventilator's simplified easy-to-use interface was designed to maximize the display of alarm prioritization and critical patient information.

#### **iX5 ClearView™ monitoring screen**

The iX5 ventilator has the respiratory monitoring capabilities that clinicians expect when managing critically ill patients. In addition, the iX5 ClearView monitoring screen was designed to help provide clinicians with a clear snapshot of real-time patient data and ventilation status. Clinicians no longer need to be at the bedside to read key patient parameters or assess how much support the patient is receiving. The screen provides:

- Quick clues on patient weaning status and readiness.
- Color-coded lung model to display patient effort.
- Minute ventilation bar that clearly defines respiratory patient effort and support requirements.
- Remote viewing parameters for quick patient assessment.



***Studies have shown that the cost of care increases significantly the longer patients are on ventilators. Prolonged mechanical ventilation increases median costs by more than \$27,000 per patient and accounts for 64% of total mechanical ventilation costs.<sup>2</sup>***



The iX5 ventilator manages the patient spectrum in both noninvasive and invasive modes. The durable, high-performing iX5 ventilator provides customers long-term performance and serviceability to ensure an in-service fleet at a low cost of ownership.

#### **Alarm management system**

In recent studies, alarm management has been recognized as an area of concern related to ventilator-associated events. A Joint Commission review showed that out of 23 injuries and death reports associated with mechanical ventilation, 65% were related to the malfunction or misuse of alarms.<sup>1</sup> The alarm management capability on the iX5 ventilator ranks the severity of alarms, helping ensure clinicians receive effective audible alerts, so they remain updated and aware of their patient status at all times.

***Of 23 injury and death reports associated with mechanical ventilation, 65% were found to be related to the malfunction or misuse of alarms.<sup>1</sup>***



**References**

1 Korniewicz, D., Clark, T., David, Y. A national online survey on the effectiveness of clinical alarms. *Am J Crit Care*, January 2008, 17(1):36–41. 2 Zilderberg, M., Luppoid, R., Sulsky, S., Shorr, A. Prolonged mechanical ventilation, hospital resource utilization, and mortality in the United States. *Crit Care Med*, March 2008, 36(3):724–730.

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