

NEWS RELEASE

# Hill-Rom And EarlySense Define New Standard Of Care With Commercial Launch Of Patient Monitoring Technology For Centrella® Smart+ Beds

12/10/2018

Continuous, Contact-Free Vitals Sensing and Analytics Help Tackle Failure-to-Rescue Challenges Faced by U.S. Hospitals

CHICAGO and WOBURN, Mass., Dec. 10, 2018 /PRNewswire/ -- **Hill-Rom** (NYSE: HRC), a global provider of medical technologies and the world's leading hospital bed manufacturer, today announced that **EarlySense**, the market leader in contact-free continuous monitoring solutions across the care continuum, has integrated its continuous contact-free heart rate and respiratory rate sensing and analytics technology into Hill-Rom's Centrella® Smart+ bed platform.

The Centrella bed, which offers optimized patient safety, enhanced patient satisfaction and advanced caregiver-focused technology, now allows for continuous monitoring of patients' heart and respiratory rates over 100 times per minute without ever touching the patient. EarlySense® technology alerts clinicians to potential patient deterioration events much earlier than traditional monitoring methods, enabling health teams to intervene and avoid "failure to rescue" scenarios more effectively.

Specific improved clinical outcomes demonstrated with this technology include helping reduce mortality related to "code blue" events by 83 percent<sup>1</sup>, and cardiac arrests by 86 percent.<sup>2</sup> In addition, clinicians reported overall hospital length-of-stay was reduced by 9 percent<sup>2</sup>, and ICU days by 45 percent.<sup>2</sup> Several EarlySense customers have reported that the system also assisted with early detection of sepsis, a condition that, when not identified and treated rapidly, may be life-threatening.

"Hill-Rom's Centrella bed is transforming inpatient care by integrating advanced sensing and analytics into the bed,

offering a complete patient safety platform to assist clinicians in providing the highest level of care," said John Groetelaars, president and CEO of Hill-Rom. "EarlySense has been used to effectively monitor close to a million patients, positively affecting patient outcomes. By integrating the EarlySense technology into our Centrella beds, we are ushering in a new era in quality of care, whereby all patients can be continuously monitored throughout their entire hospital stay."

"No patient should deteriorate without prior warning in the hospital environment. Continuous vital signs measurement should be the standard of clinical practice in the United States," said Dr. Frank Overdyk, a Charleston, SC-based anesthesiologist and expert on respiratory compromise. "Events such as opioid-induced respiratory depression and loss of life from failure-to-rescue are no longer acceptable given the availability of continuous vital signs monitoring."

"We are proud to be Hill-Rom's exclusive bed integration and nurse call communication partner, making our sensing and analytics technology available for more hospital patients and ensuring timely, effective clinical intervention is achieved," said Avner Halperin, co-founder and CEO of EarlySense. "Integrating EarlySense monitoring capabilities with the Hill-Rom Centrella bed platform will advance our collective aspiration of having every patient in every hospital continuously monitored for safe, data-driven care, with the potential to save thousands of lives and significant costs for the healthcare system."

White MD, "Early Detection of Patient Deterioration Using Novel Monitoring System," results presented in ASCIP Conference, 2015.

The American Journal of Medicine. March 2014, Volume 127, Issue 3, Pages 226–232.

### **About Hill-Rom Holdings, Inc.**

Hill-Rom is a leading global medical technology company with more than 10,000 employees worldwide. We partner with health care providers in more than 100 countries, across all care settings, by focusing on patient care solutions that improve clinical and economic outcomes in five core areas: Advancing Mobility, Wound Care and Prevention, Patient Monitoring and Diagnostics, Surgical Safety and Efficiency and Respiratory Health. Our innovations ensure caregivers have the products they need to help diagnose, treat and protect their patients; speed up recoveries; and manage conditions. Every day, around the world, we enhance outcomes for patients and their caregivers. Learn more at [hill-rom.com](http://hill-rom.com).

### **About EarlySense**

EarlySense® is the global leader in contact-free, continuous monitoring solutions for the healthcare continuum. Used worldwide in hospitals, post-acute care facilities, and homes, EarlySense assists clinicians in early detection of patient deterioration. The solution has been proven to help prevent adverse events, including code blue events which are a result of cardiac or respiratory arrest, preventable ICU transfers, patient falls, pressure ulcers, and

hospital readmissions. EarlySense's FDA-cleared solutions leverage Artificial Intelligence (AI) and big data analytics to provide actionable health insights and improve clinical outcomes. The company has partnered with leading global technology companies including Samsung, Welch Allyn, iFit and Beurer. EarlySense is based in Ramat Gan, Israel, and Woburn, Massachusetts. For more information, visit [www.earlysense.com](http://www.earlysense.com). Follow EarlySense on LinkedIn, Twitter and Facebook.

---

## HILL-ROM CONTACT INFORMATION

### Investor Relations

Contact: Mary Kay Ladone, SVP, Corporate Development, Strategy and Investor Relations  
Phone: 312-819-9387  
Email: [MaryKay.Ladone@hill-rom.com](mailto:MaryKay.Ladone@hill-rom.com)

### Media

Contact: Howard Karesh, Vice President, Corporate Communications  
Phone: 312-819-7268  
Email: [Howard.Karesh@hill-rom.com](mailto:Howard.Karesh@hill-rom.com)

## EARLYSENSE CONTACT INFORMATION

### Media

Contact: Ellie Hanson, Finn Partners  
Phone: 929-222-8006  
Email: [Ellie.Hanson@finnpartners.com](mailto:Ellie.Hanson@finnpartners.com)

View original content to download multimedia: <http://www.prnewswire.com/news-releases/hill-rom-and-earlysense-define-new-standard-of-care-with-commercial-launch-of-patient-monitoring-technology-for-centrella-smart-beds-300762338.html>

SOURCE Hill-Rom Holdings, Inc.