NEWS RELEASE

Industry First: Patient Data from Sotera Vital Sign Monitoring System Flows into Cerner Electronic Health Record

Escondido, Calif. – Meghan Jaremczuk's life just got a lot easier, and the care she offers her patients a little safer.

Jaremczuk's patients at Palomar Health in Escondido, Calif., wear a lightweight, wireless vital sign monitor on their wrists called ViSi Mobile®.

And now, for the first time ever, patient data from these devices are flowing into the *Cerner*® electronic health record (EHR) through the medical device integration platform, *CareAware®*. This means doctors and nurses see up-to-the-minute clinical data from lower-acuity units, helping them treat patients proactively.

Additionally, this integrated technology helps caregivers chart immediately, recording information as it happens.

 "All in all, patient care should be better – and safer," said Jaremczuk, a nurse manager at Palomar Medical Center. "We might catch something that we could otherwise miss. That's really what it's about — early intervention when something does go wrong."

Most hospitals use continuous monitoring systems to help clinicians identify emerging problems in intensive care units and other high-acuity areas. In lower-acuity areas, which host 60 to 70 percent of hospitalized patients, clinicians typically collect vital signs via spot checks at four- to six-hour intervals.

Palomar Health is using Visi Mobile to continuously check patient vitals in these lower-acuity units. By integrating the data into each patient's EHR, clinicians will know immediately if a patient's condition worsens. Dr. Ben Kanter, Palomar's chief medical information officer, likens the device to a seat belt for patients.

"The goal is to try and predict the condition ahead of time – not catch it after," he said. "We want to go from a reactive mode to a proactive mode."

At present, Palomar is monitoring blood pressure, pulse rates and oxygen saturation on Jaremczuk's surgical unit. Future plans call for the system to also look at electrocardiograms (ECG) and respiratory rates.

Palomar has been working with representatives from Sotera Wireless, a San Diego-based company that designed the monitors, to perfect the system. For example, after talking with Jaremczuk and others, Sotera lowered the number of alarms the system produces by 70 percent.

"They really listened to our feedback about the sensitivity of the system — what alarms are meaningful and what the nursing staff felt was useful and needed," Jaremczuk said.

Gary Manning, vice president global sales said the company is "delighted to partner with Palomar Health to be the very first hospital to not only use ViSi Mobile to help ensure a safer environment for their patients, but to also connect to the *Cerner* EHR through *CareAware*, which enables more efficient use of clinician time," he said. "Now the clinicians will know their patient's vital signs at all times and have them automatically charted – improving patient safety and clinician efficiency."

The new technology is also designed to be easier on patients. Authors of a recent study in JAMA have shown that nighttime vital sign checks disrupt patients' sleep, and poor sleep, in turn, has been linked to elevated blood pressure and delirium.

"Technology that delivers vital information while eliminating unnecessary disruptions aligns with the drive to transform hospitals into gentler, safer places that provide the optimal conditions for healing," said Dr. Gunnar Trommer, Sotera's vice president marketing and business development.

About ViSi Mobile
Sotera's FDA-cleared ViSi Mobile System continuously monitors all core vital signs: heart rate or pulse rate, electrocardiogram (ECG) or heart rhythm, blood oxygenation level, blood pressure, respiration rate and skin temperature – with an accuracy and resolution typically found in high-acuity hospital units while not limiting mobility. ViSi Mobile is a comprehensive system, designed to enhance patient safety by allowing early detection of patient deterioration and connecting clinicians with their patients anywhere, any time. ViSi Mobile® is a registered trademark of Sotera Wireless, Inc.

About Sotera Wireless
Sotera Wireless, Inc., is a San Diego, California-based medical device company dedicated to the development, marketing and sale of a new generation of comprehensive vital signs monitoring. Sotera's mission is to improve patient safety by empowering clinicians to detect early signs of deterioration in virtually any care setting and enable early intervention and rapid response, all without limiting the patient's freedom of movement. More information on the company can be obtained at www.soterawireless.com or by sending an email to info@soterawireless.com.

About Palomar Health
Palomar Health is the first and only California member of the Mayo Clinic Care Network, is the largest public health-care district by area in California and the most comprehensive health care delivery system in northern San Diego County. It is governed by a publicly-elected board of directors, and its primary San Diego County has more than 500,000 residents. Palomar Health has several facilities, including hospitals and skilled nursing facilities in Escondido and Poway as well as Palomar Health expresscare health clinics in Escondido, Rancho Penasquitos and

San Elijo Hills, all in North San Diego County, and in Temecula, Riverside County. Palomar Health provides medical services in virtually all fields of medicine, including primary care, cardiovascular care, emergency services, trauma, cancer, orthopedics, women's health, rehabilitation, robotic surgery and bariatric surgery. For more information about Palomar Health, please visit www.PalomarHealth.org.

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