

Why Contact-free monitoring?

With the average 200-bed hospital stay costing over \$15,000, just a 9% reduction in length of stay could equate to over \$2 million dollars of savings.

Early detection of patient deterioration has been proven to reduce the number of transfers from a medical surgical floor to the ICU.

Contact-free monitoring helps by:

- Trending clinical measurements, like pulse and respiration rates
- Filtering artifacts to prevent “alarm fatigue” and helping reduce nuisance alarms

Falls are a leading cause of hospital-acquired injury and frequently prolong or complicate hospital stays. Falls are also the most common adverse event reported in hospitals. In fact, based on publicly reported average rates, a typical 200-bed hospital can expect 27 falls per year.

Contact-free monitoring helps by:

- Continuously monitoring a patient’s movement
- Providing six personalized levels of bed exit sensitivity
- Helping keep the patient comfortable with complete freedom of movement

According to the Agency for Healthcare Research and Quality (AHRQ) up to 24% of hospital patients can have pressure ulcers—and patients with pressure ulcers are at up to six times higher mortality risk than those with intact skin.

Contact-free monitoring helps by:

- Allowing staff to program personalized patient-turn protocols
- Sending timely turn reminders to clinicians’ mobile devices
- Providing documentation and verification of patient turns

Vital Signs Measurement frequency estimates from Lippincott’s textbook for Nursing Assistants: A humanistic approach, Palesla Carter—2007 pg 292
http://www.hfsc consultants.com/blog/spotlight-on-medsurg/, 2011
Hanink, Elizabeth: Medical-Surgical Nursing, Variety: The spice of this specialty, WorkingNurse.com article, accessed October, 2013
Welton, Unruh and Halloran, Nurse Staffing, Nurse Intensity, Staff Mix & Direct Nursing Care Costs Across Massachusetts Hospitals, JONA Vol 36, No. 9 September 2006

EarlySense

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Advancing Frontline Care™

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Welch Allyn 
Connex® Clinical Surveillance System
Contact-free Monitoring

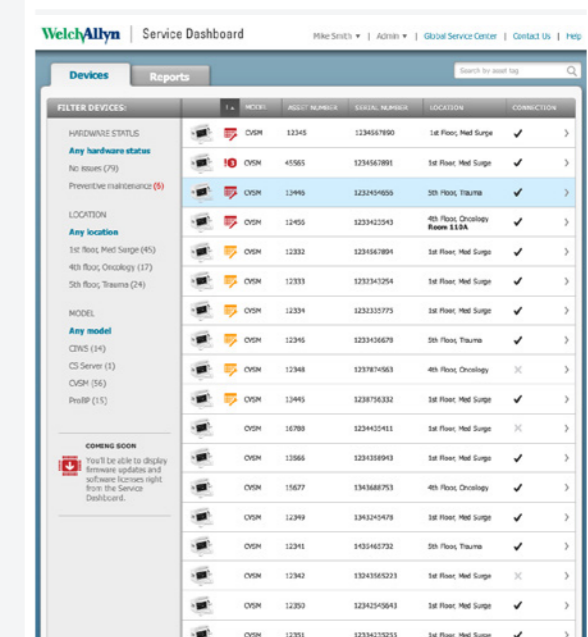
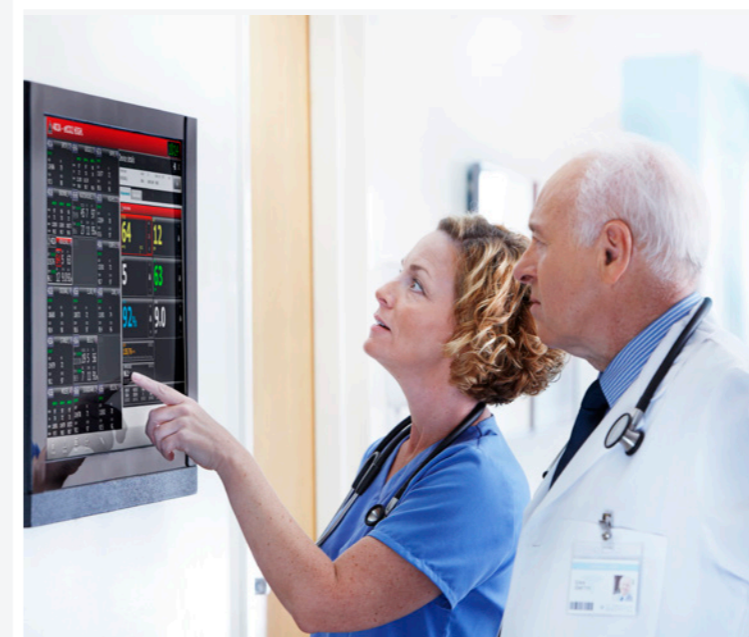


Welch Allyn Connex® Clinical Surveillance with Contact-free Monitoring

Connex Clinical Surveillance proactively monitors patient status 24/7, helping clinicians to respond earlier to patient deterioration. Using EarlySense® contact-free sensor technology, the system provides clinicians with continuous trended pulse rate, respiration rate, and motion levels. This helps clinicians respond earlier, to help avoid falls, pressure ulcers and patient deterioration helping to improve patient safety and outcomes while lowering cost and risk to the facility.

Key benefits:

- Patient turn reminders help clinicians reduce pressure ulcers and document turns as needed
- Motion alerts notify clinicians when a patient is attempting to exit the bed to help avoid falls
- Trended pulse and respiration rates help keep track of current patient health and detect important early changes.
- The contact-free under mattress sensor reduces the need for leads, wires and cables so the patient doesn't know it's there, helping to improve patient comfort
- Trended patient information helps to minimize nuisance and false alarms to help improve response and clinical workflow



Contact-free sensors with EarlySense technology

- Placed under the mattress, sensing begins automatically when the patient enters the bed
- Reduces the need for leads, wires or probes for improved patient comfort
- Gives back valuable time to clinical staff, and allows for more face-to-face interaction with the patient
- Compatible with most mattress types

Connex® Vital Signs Monitor

- Measures core vital signs (NIBP, temperature, SpO₂) in addition to motion, to help avoid pressure ulcers, falls and respiratory failure
- Provides trended pulse rate, respiration rate and motion to help react to early warning signs
- Allows clinicians to customize sensitivity levels and turn protocol to minimize false alarms
- Helps you provide timely intervention for fall and skin integrity risk patients



Patient Management Systems

- Connex Central Station provides a centralized view of all monitored patients
- Hallway displays allow clinicians to view patient status and alarms from outside of patient rooms
- Integration with hospital's alarm notification system provides clinicians with immediate access to accurate data from anywhere in the facility, while the automatic alarm escalation helps ensure action is taken

Connex Central Station

- > Numeric-based user interface replicates the Connex Vital Signs Monitor
- > Vital signs, bed exit, pressure ulcer tools, and continuous respiratory data integrated into single-patient record
- > Intuitive review of retrospective patient data and trending

Connex Service Dashboard

- Enables your clinical engineering staff to proactively manage and troubleshoot all Connex Vital Signs Monitors and Central Stations on your hospital network, maximizing system uptime and device availability
- Helps schedule required maintenance to ensure device availability with maximum up-time and that the latest firmware is installed
- Enhances troubleshooting and installation assistance between our technical support center and your IT/biomed department
- Enhances learning through troubleshooting and quick issue resolution via screen-sharing capability