



Welch Allyn Connex® Clinical Surveillance System.
Practical innovation to help improve patient outcomes.



To learn how the Connex Clinical Surveillance System can help you, contact your Welch Allyn representative, call 1.800.535.6663 to speak with a customer service representative or visit welchallyn.com/connex.

Welch Allyn Corporate Headquarters
4341 State Street Road, P.O. Box 220
Skaneateles Falls, NY 13153-0220 USA
(p) 800.535.6663 (f) 315.685.3361

WWW.WELCHALLYN.COM



Advancing Frontline Care™

© 2014 WELCH ALLYN SM4103 REV A
Connex is a registered trademark of Welch Allyn. Masimo, Covidien and EarlySense are registered trademarks for each respective company.

Welch Allyn Connex® Clinical Surveillance System

A revolutionary system designed specifically for medical surgical environments to help improve patient safety and outcomes and reduce risk within your facility.

Connex® Clinical Surveillance proactively monitors patient status 24/7, helping clinicians to respond earlier to patient deterioration. The Connex system integrates into your hospital's network infrastructure for ease of deployment, and builds on your existing vital signs workflow to give clinicians immediate access to the critical patient data they need to help enhance patient safety.

The Connex Clinical Surveillance System works to improve patient safety by helping clinicians address these common issues:



FALLS



EARLY WARNING
DETECTION



RESPIRATORY
DISTRESS/FAILURE



EMR
DOCUMENTATION



PRESSURE
ULCERS



Depending on your patient population, you choose the surveillance that matches your needs—mix and match each vital signs device and deploy them bed by bed and floor by floor.

The Connex® Vital Signs Monitor, at the core of the system, can be configured as a simple spot-check device or a spot-check/continuous monitor, measuring pulse rate, pulse oximetry and temperature in addition to these other available configurations.



1. Electronic Vitals Documentation

Patient vitals are sent from the bedside to the electronic medical record (EMR), giving clinicians immediate access to accurate patient vitals information anytime, anywhere.

- Helps staff to make informed patient care decisions
- Helps reduce transcription errors and delays in documentation
- Reduces the time spent manually entering patient vitals
- Allows clinicians to spend more quality time with the patient instead of managing the device
- Provides trusted, accurate vitals

2. Respiratory Monitoring

Continuous monitoring of a patient's comprehensive respiratory and vital sign status helps clinicians respond earlier to signs of respiratory distress or deterioration. Choose from leading industry technologies:

- Covidien® Microstream® Capnography (CO₂) measures breath-to-breath ventilatory status
- Masimo Acoustic Respiratory Monitoring (RRa) noninvasively and continuously assesses patient respiration rate
- EarlySense® contact-free technology provides trended respiration and pulse rate
- Continuous pulse oximetry (SpO₂) alerts clinicians to desaturation patterns indicative of repetitive reductions in airflow, helping to improve patient safety
- Provides alarms to help quickly recognize respiratory distress
- Improves patient safety by giving clinicians early warnings of patient deterioration
- Helps to reduce transfers to the ICU



3. Contact-Free Monitoring

Measures continuous pulse rate, respiration rate, and motion levels to help avoid falls, pressure ulcers and patient deterioration.

- 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 clinicians intervene to avoid falls
- Trends pulse and respiration rates to help clinicians react sooner to patient health changes
- EarlySense® technology uses a contact-free under mattress sensor
- Contact-free sensing can reduce false alarms and the need for cables, leads and probes for improved patient comfort



4. Connex Central Station

Provides clinicians with comprehensive status of all monitored patients at a glance, for improved patient safety and clinical decision-making.

- Intermittent vitals and continuous monitoring data are automatically documented into the patient chart
- Provides alerts at the central station, and connections to communications integration software so alarms can be sent directly to clinicians where and when they need it
- Visual and audible indications and optional hallway displays allow staff to view patient status while away from the bedside
- Designed for the med/surg environment to help to reduce nuisance alarms



5. Connex Service Dashboard

Enables your clinical engineering staff to proactively manage and troubleshoot in real-time all Connex Vital Signs Monitors and Central Stations on your hospital network to maximize system uptime and protect your investment.

- Helps you schedule required maintenance to ensure device availability with maximum up-time and that the latest firmware is installed
- Enhances troubleshooting and installation assistance from our Technical Support Center and your IT/biomed department
- Enhances learning through troubleshooting and quick issue resolution via data-sharing and debugging capabilities

