

Clinical Surveillance

An Ascom Healthcare Platform solution providing patient centric situational awareness



The earlier the better

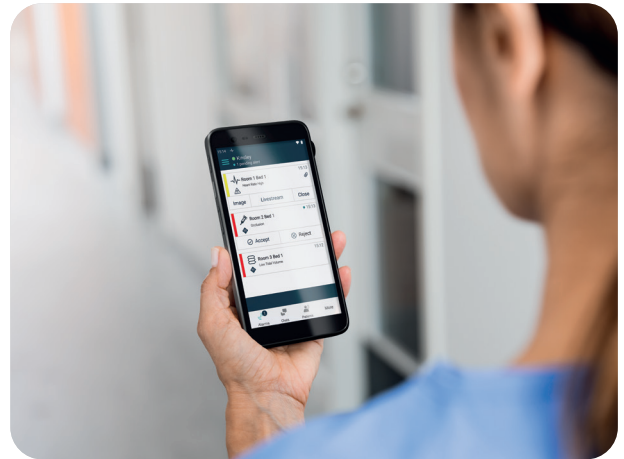
Undetected patient deterioration puts patients at risk of adverse events and negatively impacts outcomes and care delivery costs. With the Clinical Surveillance solution from Ascom, patient deterioration can be detected earlier. It supports clinician intervention, mitigates risks to the patient, reduces workloads while improving clinical and operational performance.

Helping save lives and stretch budgets

Up to 40% of unanticipated deaths in hospitals occur in general care¹, while one in every six patients in medical/surgical units develops a complication during their stay².

The resulting adverse events, may lead to unplanned ICU admissions, ICU bounce-backs and increased length of stay. These events don't just put patient lives and outcomes at risk they also directly increase the cost of care. It's estimated that 15% of hospital spending is attributable to addressing adverse events³.

The earlier patient deterioration is detected the better for all. However, the early signs are hard for clinicians to detect when they are managing multiple patients and lack the clinical context of the patient deterioration.

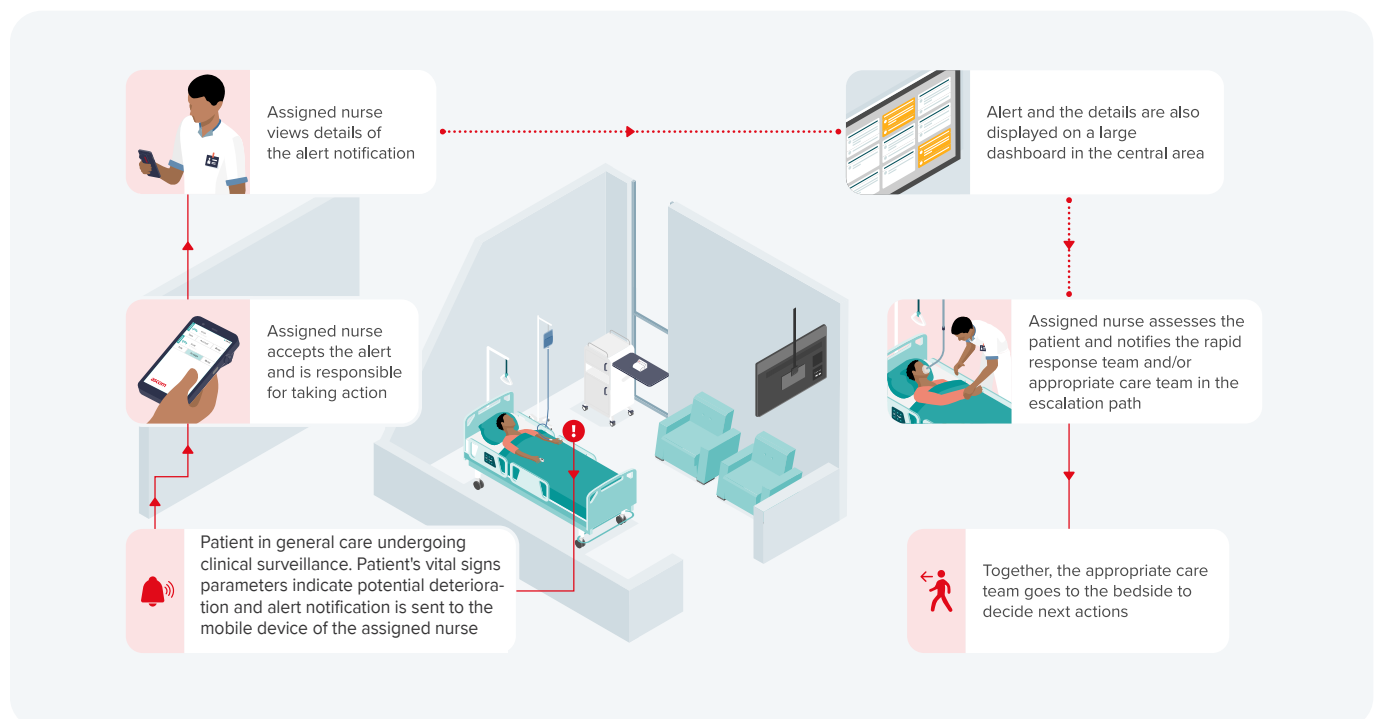


Clinical Surveillance solution

Augmenting the clinicians' decision-making process with an integrated, score-based clinical surveillance tool, patients can be continuously monitored – in general care, emergency departments or even at home using wearables. When there are signs of deterioration, clinicians are alerted as early as possible.

References: ¹ Rutherford P, Lee B, Greiner A. Transforming Care at the Bedside. IHI Innovation Series white paper. Boston: Institute for Healthcare Improvement; 2004. ² Bellomo R, Goldsmith D, Russell S, Uchino S. Postoperative serious adverse events in a teaching hospital: a prospective study. Med J Aust. 2002; 176: 216-218. ³ Patient Safety in Healthcare, Forecast to 2022, Frost & Sullivan's Transformational Health Growth Partnership Service program

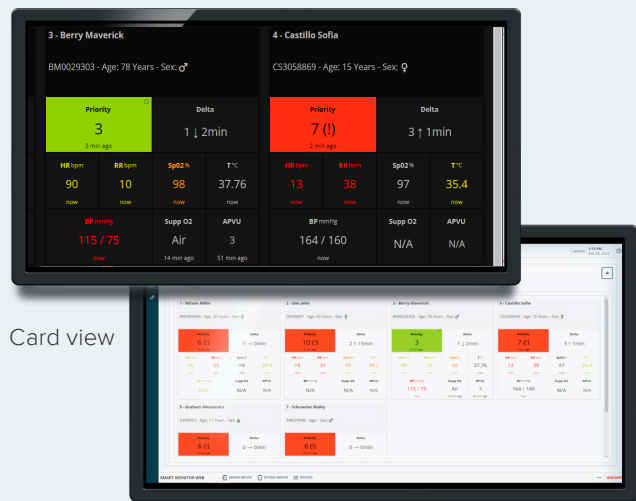
How our Clinical Surveillance solution works - detecting patient deterioration in general care environments



Key features

Ascom's Clinical Surveillance solution provides vendor neutral, medical device integration, alarm / alert management and visualization (centrally or to mobile devices) of vital signs and early warning scores; combines vital signs collected from continuous and spot check monitors, wearable devices and manual inputs.

Our solution calculates the hospital's choice of clinical surveillance scores and provides prompt notifications to the clinical team. It also features a configurable rules engine that supports best practice standards.



Card view

Intuitive and consolidated multi-patient view in light and dark mode

Augmenting clinicians' decision-making tools

- Visualizes data collected in a patient-centric approach to support early detection of patient deterioration
- Analyzes data to perform a multi-variable assessment of a patient and to provide clinical insights

Data collection – ready for use and configurable

- Continuous data collection from medical devices connected to the patient
- Sporadic data collection from spot-check monitors and other sources
- Manually entered patient data

Multiple options for patient data visibility

- Multi-patient and single-patient views in grid or card layouts – configurable data visualization for better patient visibility
- Notification of patient deterioration – alerts generated from the configurable threshold can be visualized on mobile devices
- Light or dark mode views for visual clarity in any lighting condition

About the Ascom Healthcare Platform

The Ascom Healthcare Platform (AHP) is a unique portfolio of clinical communication and collaboration solutions designed for community hospitals and multi-facility networks alike. The outcome of fifty-plus years of experience, these solutions are built to help hospitals achieve their goals based on the Quadruple Aim: lower costs, better population health, improved patient experience and enhanced healthcare team well-being. All AHP solutions are designed for configurability, scalability, are fully open and interoperable with hundreds of third party apps, medical devices and clinical IT systems.

[Find out more](#)

Contact your local Ascom representative to start implementing Clinical Surveillance in your workplace.

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About Ascom

Our vision is a world where the right information moves people forward. Our mission is to put the right information in the right hands at the right time so that people can make the best possible decisions.

We are a global provider of communication and collaboration solutions for the acute care, long-term care and enterprise sectors. Our solutions are based on intelligent integrations with software and hardware that are open source and compatible with third party solutions. Every single second, our systems generate large amounts of data, which we then turn into useful and actionable information. This helps us to bring data to life for people in the toughest operational environments, ensuring smooth, complete, and efficient workflows.

Ascom is headquartered in Baar (Switzerland), has operating businesses in 19 countries and employs around 1,400 people worldwide. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.