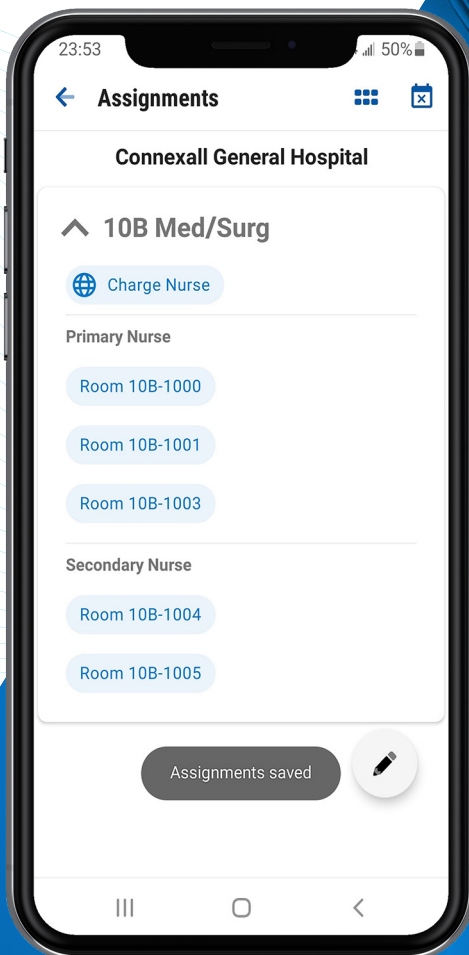


TRANSFORMING PATIENT CARE THROUGH THE CONNECTED HOSPITAL

Connexall solutions power the digitally connected hospital with an integrated end-to-end communication platform. Each custom solution supports improved care quality, patient experience, staff satisfaction and health outcomes. Connexall seamlessly connects people, workflows, and devices into one simple, intuitive, and easy to use system.

This interactive guide illustrates examples of how Connexall is helping transform patient care and realize their vision of a becoming truly connected hospitals.



Connexall[®]
The Heart of Connected Care.

Seamless. Cohesive. Unified.

These are the praises sung by clinical users as they describe the transformative impact of a fully connected healthcare delivery ecosystem. In the realm of patient care, the significance of integrated technology becomes resoundingly clear. When technologies are seamlessly integrated, the result is a streamlined experience for frontline care teams, enabling them to dedicate their energy to patient care rather than grappling with disjointed tools. The integration of communication and collaboration systems serves as the cornerstone of an intelligent, interconnected hospital.

Connexall is on a mission to connect hospitals by demolishing barriers between disparate systems, integrating critical information, and delivering it where and when it is most needed. Integrated data provides meaningful insights, and instantly relays notifications to the most suitable and available team members, fostering a collaborative environment that enhances patient outcomes.

Use Case-Based

To identify and address the most pressing connectivity issues challenging hospitals today, Connexall employs a use case-based methodology that is interoperable and vendor neutral. This approach offers solutions that directly address the needs of providers for streamlined workflows, which in turn translates to enhanced patient experience, higher care quality, optimized outcomes, and reduced operating costs.

Connexall organizes use cases into four distinct and interrelated groups – our guiding pillars. These include Alarm Management, Patient Flow, Patient and Staff Safety, and Risk Management. This comprehensive structure gives hospital operators the flexibility to customize interfaces to respond to their unique needs and workflows.



The Four Pillars

Your Path to a Connected Hospital



Alarm Management

- Telemetry Monitoring
- Nurse Call Alarms
- Early Warning Scores
- Medical Device
- Integration
- Smart Bed Monitoring

Connexall's patented alarm management capabilities can significantly reduce unnecessary alarms, thanks to an unmatched ability to integrate all systems that touch the patient, including nurse call, patient monitors, smart beds, IV pumps, EHR systems, and more.



Patient Flow

- Admission & Triage
- Clinical Workflow
- Unit Whiteboard
- Appointment Reminders

By providing automation to assist with admissions, housekeeping, patient transport, perioperative flow, and discharges, Connexall reduces patient wait times by more than half. Increase the number of patients your team can see each year and save millions of dollars wasted on inefficient processes.





Patient & Staff Safety

- Alarm Fatigue
- Reduction
- Critical Labs
- Fall Prevention
- Code Management
- Patient Data Integrity

Bring scalability and reliability to your patient and staff safety measures by predicting alarm fatigue before it happens, notifying of prescription errors, reducing the risk of patient mix-ups, and responding immediately to staff duress events.



Risk Management

- Asset Tracking
- Assignments
- Building Automation
- Medication Disposal
- Witness
- System Control

You can be confident in your hospital's ability to maximize system uptime. The Connexall platform monitors all clinical and building systems to ensure notification to staff if systems go down, tracks key assets, and minimizes human error.





Solution Spotlight: Cedars-Sinai Medical Center

Voice Assistants Decrease Response Time to Patient Requests

Cedars-Sinai is a non-profit academic healthcare organization serving the Los Angeles community and beyond. With pioneering medical research achievements, education programs defining the future of healthcare, and wide-ranging community benefit activities, Cedars-Sinai is setting new standards for quality and innovation in patient care.



Challenge

Cedars-Sinai implemented AI voice assistants in more than 100 patient rooms to allow for hands-free interactions between patients and nurses. What that solution lacked, however, was the awareness of which caregiver was assigned to which patient.

Action

Connexall worked with the Cedars-Sinai team to route patient requests from the AI voice assistant directly to the assigned caregiver. This connection lets the patient know that their request has been received and gives hospital staff full understanding of a request before entering the patient's room.

Result

Connexall's AI Voice Assistant Notification leverages Cedars Sinai's existing nurse call workflow and communication devices. This solution gives clinicians a means to respond to specific patient requests quickly and appropriately, making patients feel like they have more control over their care.



Enhanced patient safety and comfort



Improved patient and clinician communication



Reduced clinical response time



Scan this code to watch a demo on how this solution works to improve patient safety and comfort.



Solution Spotlight: Niagara Health

Decrease Patient Wait Time – Increase Patient Throughput

Niagara Health is a regional healthcare provider with multiple sites and a growing network of community-based services. Niagara Health provides a wide range of inpatient and outpatient services to more than 450,000 residents across Niagara.



Challenge

Niagara Health went through a digital transformation and wanted to implement solutions that streamlined patient flow to save time, increase efficiency, and unlock the value of their existing infrastructure investments.

Action

Connexall helped to provide Niagara with an automated approach to admissions, bed management, and housekeeping. Patients are empowered to self-select the reason for their visit. If the patient is arriving for an emergency, the triage nurse selects the degree of severity upon admission.

Connexall provides insight into bed availability. For example, when EVS staff finish cleaning a room, they mark it as clean on their smart device. The bed then becomes available in the system. Once the bed has been assigned to a new patient, transport staff are automatically notified. Once the transport staff mark that they have dropped off the patient, the bed becomes unavailable in the system.

Result

Niagara Health recognized the flexibility of Connexall's platform to implement custom solutions. This implementation reduced wait times for patient admissions by 54% which allowed for increased patient volume and throughput.



Reduced wait time for patient admissions



Increased patient volume



Improved bed turnover time



Scan this code to see how Connexall helps Niagara Health see more patients each year by improving patient flow.



Solution Spotlight: Stanford Children's Health Promoting a Quieter Healing Environment for Pediatric Patients

Stanford Children's Health is the only health care system in the San Francisco Bay Area—and one of the few in the U.S.—exclusively dedicated to pediatric and obstetric care. Their physicians and healthcare teams offer comprehensive clinical services, from treatments for rare and complex conditions to well-child care at more than 60 locations.



Challenge

Before Connexall, clinician's devices would provide a secondary alert from a patient's monitor even if they were physically in the room with the patient. This was distracting and often left the patient's parents wondering why nurses were on their phones so much when caring for their child. The Stanford Children's team needed a way to eliminate duplicate alarms that caused a distraction when caring for patients in their rooms.

Action

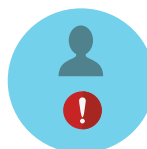
By integrating with the hospital's real-time location system (RTLS), Connexall is able to suppress secondary alarms when the clinician is with the patient.

Result

The hospital's care team are no longer distracted by alarms while in the room with patients. Nuisance alarms are suppressed, and patient rooms are therefore quieter and more conducive to healing.



**70,000 Alarms silenced
in first 3 months**



**400,000 Alarms suspended
in first 3 months**



**Quieter healing environment
enabled**



Scan this code to see Aniket Nadkarni, IT Systems Analyst, discuss the benefits of this solution at Stanford Children's.



Solution Spotlight: Cincinnati Children's Medical Center Improving Experience by Reducing Prescription Errors

Cincinnati Children's, a non-profit academic medical center, is one of the oldest and most distinguished pediatric hospitals in the United States. Cincinnati Children's ranked #3 in the nation among honor roll hospitals in the U.S. News and World Report 2020-2021 Best Children's Hospitals.



Challenge

When a patient's medication order conflicts with their clinical status (e.g., an allergy), or with the standard amount of medication that should be administered, care team staff need to be notified immediately in order to keep patients safe.

Action

When a medication order conflicts with a patient's clinical status (e.g., an allergy), Connexall sends the pharmacist a notification, allowing them to resolve the situation within minutes. Once acknowledged, Connexall also lets the remaining pharmacists know that the issue has been resolved. When a patient is found with Methicillin-resistant Staphylococcus Aureus (MRSA) and Methicillin-sensitive Staphylococcus Aureus (MSSA) in their bloodstream but were not prescribed the correct antibiotic (or any antibiotic), Connexall notifies the affected patient's resident care team in real time and alerts them of the patient's current location and alarm details.

Result

These solutions promote the most appropriate choice, dose, duration, and route of antimicrobial therapy, therefore optimizing clinical outcomes while decreasing the adverse effects of antibiotics. This facilitates a much faster response to incorrect prescriptions, reducing hospital stay and decreasing re-admissions.



Reduced medication errors



Decreased response times



Improved patient safety



Scan this code to see how Connexall helps keep patients safe by notifying clinical teams when there is a potential prescription error.



Solution Spotlight: IWK Health Centre

Improving Experience by Reducing Alarm Fatigue

The IWK Health Centre is a major pediatric hospital and trauma center in Halifax, Nova Scotia. It provides care to maritime youth, children and women from Nova Scotia, New Brunswick, and Prince Edward Island. The IWK is the largest children's hospital in Atlantic Canada.



Challenge

Alarm fatigue is listed as one of the Top 10 Health Technology Hazards by ECRI every year, and research has shown that nuisance alarms contribute to a reduced quality of care.

The clinical team at IWK experienced alarm fatigue due to multiple non-actionable alarms from their patient systems every day. Alarm response time increased because clinicians were constantly checking their devices and were unclear as to which alarms required immediate action. This was a challenge in IWK's NICU since their infant patients are extremely vulnerable and often require immediate intervention.

Action

Using an evidence-based strategy, Connexall partnered with IWK to provide a secondary alarm notification system with customized escalations and alarm options that fit seamlessly into existing clinical workflows. This allowed for a reduction in nuisance alarms going to staff devices.

The site-wide deployment of Connexall's MobileConnex application allows IWK to view and respond to alarms more efficiently.

Result

IWK completed a satisfaction survey three months after implementation. Clinical engagement improved, and IWK reported a dramatic increase in staff satisfaction.

The Connexall Enterprise solution reduced alarm fatigue significantly and streamlined workflows for clinical staff. Nurses reported an improved work-life balance and a reduction of unnecessary noise by over 50%.



Improved clinical satisfaction



Reduced non-actionable alarms



Reduced alarm fatigue



Scan this code to see how IWK uses MobileConnex to increase clinical response time and reduce alarm fatigue.



Contact Us.

Connexall's intelligent collaboration solution delivers timely and actionable patient information to care teams, enabling speed to intervention. We enable caregivers to effectively self-manage and collaborate on patient alerts and alarms, resulting in more efficient workflow. We bring together all critical monitoring and alerting into one platform that helps caregivers quickly and accurately respond to patient needs.

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