Solution Overview:

Foresite Patientcare™
A STANLEY Healthcare Portfolio Solution

Next-Generation Solution
Powers Enhanced Fall Prevention and Response

Challenges

Preventing falls remains a top priority—and challenge—for every hospital. Even with a comprehensive approach to assessing and managing each patient’s risk, it is nearly impossible to eradicate falls. When one occurs, it requires swift action—often with limited knowledge of what happened prior to the fall or what injuries the individual may have sustained. That can lead to unnecessary or inappropriate diagnostics and treatment. Further, it does little to help in pinpointing and addressing any root causes of such incidents.

Much like falls, pressure ulcers represent a significant risk to patient safety and can result in negative impacts on reimbursement levels. Administrators and clinicians continue to seek new and better ways of identifying at-risk patients and preventing pressure ulcers.

Solution

Foresite Patientcare is tackling both of those challenges head on. This next-generation solution brings together some of the latest, most innovative technologies, including wireless sensors, artificial intelligence, deep machine learning and predictive analytics. What really stands out are the results it can help hospital achieve in delivering safer, higher-quality care.

**CONTINUOUS AND AUTOMATIC FALL RISK ASSESSMENTS**

This solution consistently communicates fall risk information to members of the healthcare team—without the need for them to perform that task separately. It delivers comprehensive, accurate evaluations using a validated methodology to estimate individual patient fall risk. It helps stratify patients as “High,” “Intermediate” or “Low” risk on admission—and updates that classification with any change in condition.

**Benefits**

- Continuous and automatic fall risk assessments beyond what human observation alone can provide
- Imminent bed exit alerts, giving staff the opportunity to intervene before a fall occurs
- Fall detection and post-fall intervention, delivering the detailed knowledge needed for appropriate follow-up evaluation and care
- Continuous monitoring to mitigate risk of pressure ulcers
- Enhanced patient and family satisfaction
- Improved performance in value-based payments and ratings systems through reduction in avoidable adverse events
IMMENENT BED EXIT ALERTS
When a high risk patient’s movements suggest he or she is about to attempt getting out of the bed, Foresite Patientcare issues an alert. Ideally, the alert will give caregivers time to get to the bedside and intervene before the patient can get up unassisted. In addition, the solution automatically alerts staff when patients forget or opt not to use their call light when they likely need help in their rooms.

FALL DETECTION & POST-FALL INTERVENTION
The solution detects and alerts for falls that occur at or near the bedside. Thanks to the wall-mounted depth sensors, it also has a powerful and unique capability: a “Rewind and Review” feature. This helps determine the nature of the fall and shows activity before and after the fall—accidental, avoidable, intentional, witnessed or not, including staff response. This capability revolutionizes post-fall assessment intervention protocol, enabling far better decisions about appropriate diagnostics and treatment. It also increases the efficiency of that process, empowering nursing staff to direct their efforts to activities with the highest patient priority and benefit.

CONTINUOUS MONITORING FOR PRESSURE ULCERS
Foresite Patientcare also offers a pressure ulcer pad that enables continuous monitoring of patients at-risk for this adverse event. The solution alerts clinicians when to adjust patients—helping reduce the risk that these ulcers will develop.
How It Works

Foresite Patientcare combines sensors and software to revolutionize the way hospitals monitor and care for patients. As no human ever could, the solution's bed sensors and wall-mounted depth sensors continuously monitor and interpret patients' movements. The sensors communicate that data to Foresite Patientcare software—which transforms it into game-changing insights for improving care planning and in-the-moment actions.

HANDS FREE

Patients are not encumbered by wearables or wires. Nor is it necessary for them to press a button or pull a cord to get the help they need. The bed sensors and wall-mounted depth sensors continuously monitor movements—issuing proactive alerts to staff when movements suggest a potential fall. There are also over-the-mattress bed sensors designed specifically to prevent pressure ulcers.

PREDICTIVE ANALYTICS

This solution's artificial intelligence and deep machine learning algorithms identify patients at high risk for falls. For its fall risk predictive modeling, Foresite Patientcare incorporates a multi-factor analysis that includes bed occupancy, bed exits, sit-to-stand time, use of assistive devices and the validated and universally respected Timed Up and Go test.

PRIVACY PRESERVED

The solution's infrared depth sensor captures 3-D images and reduces them into two dimensions that appear as silhouettes. It allows an observer to determine activities of an individual within view of the depth sensor without detailed characteristics of facial features or discrete body parts. Thus, it preserves patient privacy and dignity—and is fully HIPAA compliant.

DIGITAL ALERTS—ON THE GO

What happens when Foresite Patientcare's algorithm identifies activity that suggests a patient is attempting to leave the bed? It issues a Bed Exit Alert—or if a patient falls, an immediate Fall Alert—and delivers it using each facility's preferred method (secure text or call system integration, for instance).
Defining the Future of Patient Care—Together

Foresite Patientcare shows what is possible when artificial intelligence augments the human touch: More comprehensive monitoring. Improved convenience and safety. And unprecedented insights to help prevent and address safety issues among patients. That translates into higher patient and family satisfaction. Fewer adverse events leads to higher reimbursements in value-based payment programs—along with higher quality ratings.

Working with STANLEY Healthcare, hospitals can tailor this solution to meet their distinct needs. As with all our solutions, Foresite Patientcare is backed by our By Your Side™ Lifetime Customer Care program. Starting even before a purchase and structured to span the entire lifecycle of STANLEY Healthcare’s solutions, the By Your Side program combines a range of services at each stage of the customer voyage to ensure that every customer is successful with their solutions.

About STANLEY Healthcare

STANLEY Healthcare provides over 5,000 acute care hospitals and 12,000 long-term care organizations with enterprise solutions that create a safe, secure and efficient healthcare experience across life’s stages. The STANLEY Healthcare solution set enables customers to achieve organizational excellence and superior care in critical areas: Patient/Resident Safety, Security & Protection, Environmental Monitoring, Clinical Operations & Workflow and Supply Chain & Asset Management. These solutions are complemented by STANLEY Healthcare’s By Your Side™ Lifetime Customer Care commitment to ensure that every customer achieves success and realizes the full value of their investment, through consulting, training, implementation and integration services. STANLEY Healthcare is proud to be part of Stanley Black & Decker, Inc. For more information, visit www.stanleyhealthcare.com. Follow STANLEY Healthcare on Facebook, Twitter, LinkedIn and YouTube.