The Patient Safety Monitor™ Suite is designed to alert a health provider's patient safety organization based on any number of pre-defined or client-defined clinical trigger events and rules. It also provides drill-down analysis of root cause and documentation of the analysis and root cause. Additionally, the suite provides streamlined incident reporting and review, building a more accurate, comprehensive, and insightful account of any unsafe conditions or adverse events in your organization. Unlike a patient record system or EMR, this documentation is stored in a protected area governed by the clients’ PSO, to be used for process and quality improvement purposes only and is not available for discovery in legal cases.

### Applications within the suite

- Patient Safety Monitor
- Voluntary Event Reporting

### Patient Safety Events Drive the Biggest Burden of Disease and Costs

#### Direct Costs of Care
- Medication Safety
- Pressure Ulcers
- Diagnostic Safety
- DVT/PE
- Unnecessary Readmissions
- Falls
- Patient Handoffs
- WIPW/WSW

#### Infections
- CLABSI
- CAUTI
- C. diff
- SSIs
- Antibiotic Resistance
- HAIP/VAP
- Sepsis
- ABX Stewardship

#### HIT
- CPOE Order Sets
- Cut and Paste
- Incomplete Data
- Latent Data
- Inadequate Monitoring
- Loss of Narrative
- Implementation & Training

#### Workforce
- Psychological Safety
- Burnout
- Resilience
- 2nd Victim
- Turnover
- Human Factors
  - Physical Ergonomics
  - Cognitive Ergonomics

#### Overall Impact

- **$146B**
  - total U.S. cost burden in 2016
  - 30-70% are avoidable
  - 10% of hospital patients

The Patient Safety Monitor Suite drives the biggest burden of disease and costs.

### The problem

Safety events represent waste—financially and through avoidable deaths. A mass of challenges prevents most systems from achieving zero harm, including complexity, insufficient data, and burnout. The Patient Safety Monitor Suite enables healthcare organizations to focus relentlessly to identity, understand, report, and prevent all-cause harm so they can consistently provide safe, high-quality care.
Our approach
The Patient Safety Monitor Suite is a collection of automated patient safety tools that improves patient outcomes and lowers cost. The suite includes:

- Surveillance of events
- Documentation of pressure injury assessment findings
- Aggregation of patient safety findings
- Efficient, effective incident reporting and review

Benefits and features

- Improve patient outcomes and lower costs. Reporting of timely, safety analytics is accessible within the clinical workflow at the time and point of care, enabling proactive harm prevention.
- Free clinicians and infection preventionists to focus on patient care. Automated data extraction and reporting lifts the burden of manual data searching, aggregation, and reporting.
- Automate data collection and reporting. Lifts the burden of manual data collection, data entry, and reporting, resulting in in-time educational opportunities with staff.
- Gain an understanding of performance at-a-glance. Easily filter data to drill down to different levels for further insight on improvement opportunities.
- Document easily, quickly, and clearly. Efficient documentation form design uses standardized required questions and a freeform text field to easily capture all necessary information.

Use cases

- A quality officer using the Patient Safety Monitor Suite observes a clinically confirmed rising rate of nursing-sensitive harm events (falls, pressure injuries). He discusses the trend with nursing leaders and unit medical directors, and the group hypothesizes that recent reductions to nurse staffing (nurse:patient ratios) in some care units may be related. Root-cause analysis supports this hypothesis.
- A risk manager is overwhelmed with identifying whether harm occurred for all incidents reports; the information provided is usually too disparate, which compels her to follow up with the reporter for missing information. Now with Voluntary Event Reporting, the Risk Manager can easily review and identify risk, while efficiently following up with the built-in feedback loop.