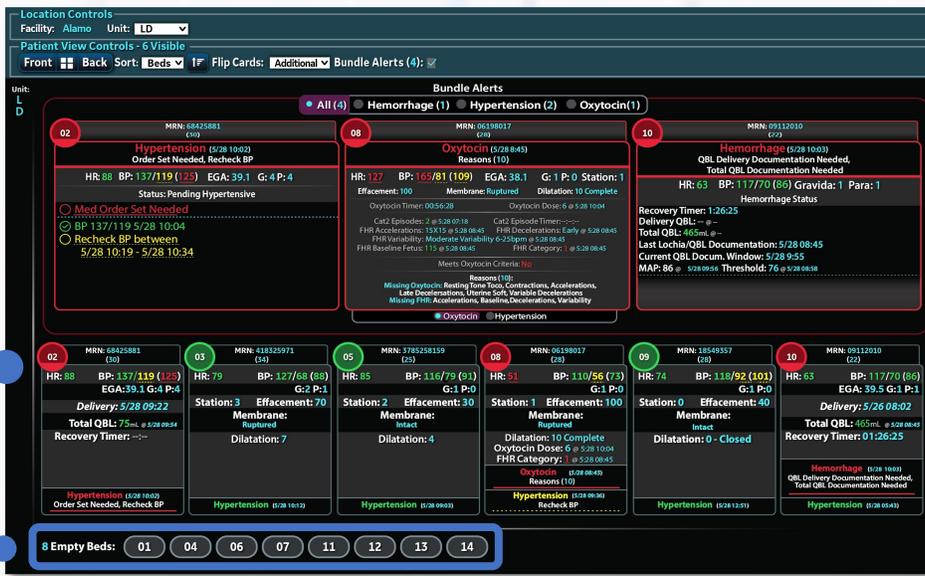


Healthcare organizations face critical challenges in delivering quality patient care. Clinicians are awash with data from multiple non-integrated sources – in-room monitors, the EHR, and other systems collecting data. Clinicians have to manually traverse these sources to obtain a complete picture of the patient's condition and care journey. The lack of "complete patient picture", hinders the care team's ability to detect complications and at-risk patients early, which can lead to Failure-to-Rescue events.

Continuous Surveillance and Electronic Triage

InsightIQ™ provides continuous critical-condition surveillance, with evidence-based algorithms (digitized protocols) to help the care team detect signs of clinical decompensation that could be life threatening or warrant urgent transfer to a higher level of care. InsightIQ™ assists clinicians to prioritize attention to patients at-risk of maternal complications tackling factors such as post-partum hemorrhage, severe hypertension, pre-eclampsia, eclampsia and medication management.



The **Unit View**, the typical landing page for clinicians, shows all patients beds within the unit.

- Continuously surveils and assists clinicians to triage all patients with clinically validated protocols.
- Digitizes peer-reviewed or hospital specific protocols of care to optimize clinical workflow and improve guideline compliance.
- Helps clinicians to prioritize attention to at-risk patients (highlighted as "red" or "yellow").

In this **Unit View**, three patients have been identified with potential issues due to Hypertension, Hemorrhage or medication management (highlighted in red). Clicking on any of those patients, will take the user to a detailed Patient View of that patient.



The **Patient View** enables situational awareness at-a-glance during time-sensitive critical situations.

Smart alerting, based on your hospital guidelines, can lead to earlier recognition of adverse events, prompt intervention, and improved protocol compliance.

- Color codes of lab results, vitals, and protocol status. Yellow and Red items require immediate intervention.
- Reduces click fatigue through a consolidated view of patient status on patented dashboards and critical condition decision support configured for each clinical specialty.

In this example of a postpartum patient, the hemorrhage bundle is red because the Quantitative Blood Loss (QBL) is more than a liter in the last 2 hours, and the patient's vital signs are trending in the wrong direction, which means the patient is actively bleeding.

Integration and Implementation

InsightIQ aggregates data from multiple sources - EMR, pharmacy, and various sources of patient data into a unified data platform. Implementation of DECISIO platform can be accomplished in weeks. DECISIO can help the overburdened hospital IT team with data integration and implementation activities.

Client Outcomes

Hypertension	Before InsightIQ	After InsightIQ	Improvement
Hypertension Med Order Set Documentation	18% (Sept - Oct)	99.6% (Nov – Aug)	~455% increase in Order Set Documentation
Patients given Blood Pressure Medication within 1 hour	~69% (July - Oct)	~86% (Nov – Aug)	~19% increase in medication administration within 1 hour
Average time from Hypertension designation to Medication Administration	~55 minutes (July - Oct)	~30 minutes (Nov – Aug)	~46% reduction in average time to medication administration

Hemorrhage	Before InsightIQ	After InsightIQ	Improvement
Delivery QBL Documentation	26% (July - Nov)	84% (Dec – Aug) Consistently 90% since March	222% increase in Delivery QBL documentation
Total QBL Documentation	36% (July - Nov)	90% (Dec – Aug)	151% increase in medication administration within 1 hour
Patients with ≤ 1000 mL QBL documented	~31.8% (July - Nov)	~83% (Dec – Aug)	~160% increase in patients with ≤ 1000 mL QBL documentation

Client Reported Results:

- Decreased Blood products utilization
- Reduction in Maternal ICU Admissions from hemorrhage
- Decreased Surgical Procedures related to hemorrhage
- More opportunities to intervene early and provide appropriate care
- Improved Maternal Morbidity and Mortality