

Optimize patient flow through your Emergency Department, minimizing cost and maximizing resource utilization

Bernoulli™ software by Potentia Analytics™ gives Emergency Department and hospital leadership the power to **find and resolve bottlenecks** impacting Length of Stay, Left Without Being Seen, and Patient Wait Times.

IMPROVE PERFORMANCE METRICS

Bernoulli's advanced technology models your Emergency Department by leveraging stochastic flow diagrams, queuing theory, and Poisson distributions to simulate and optimize the flow of patients, improving Wait Time, Length of Stay, and Left Without Being Seen/Left Before Treatment Complete.

PROACTIVELY SOLVE PROBLEMS Resolve problems proactively with Bernoulli's real-time early warning system rather than react to a backed-up department.

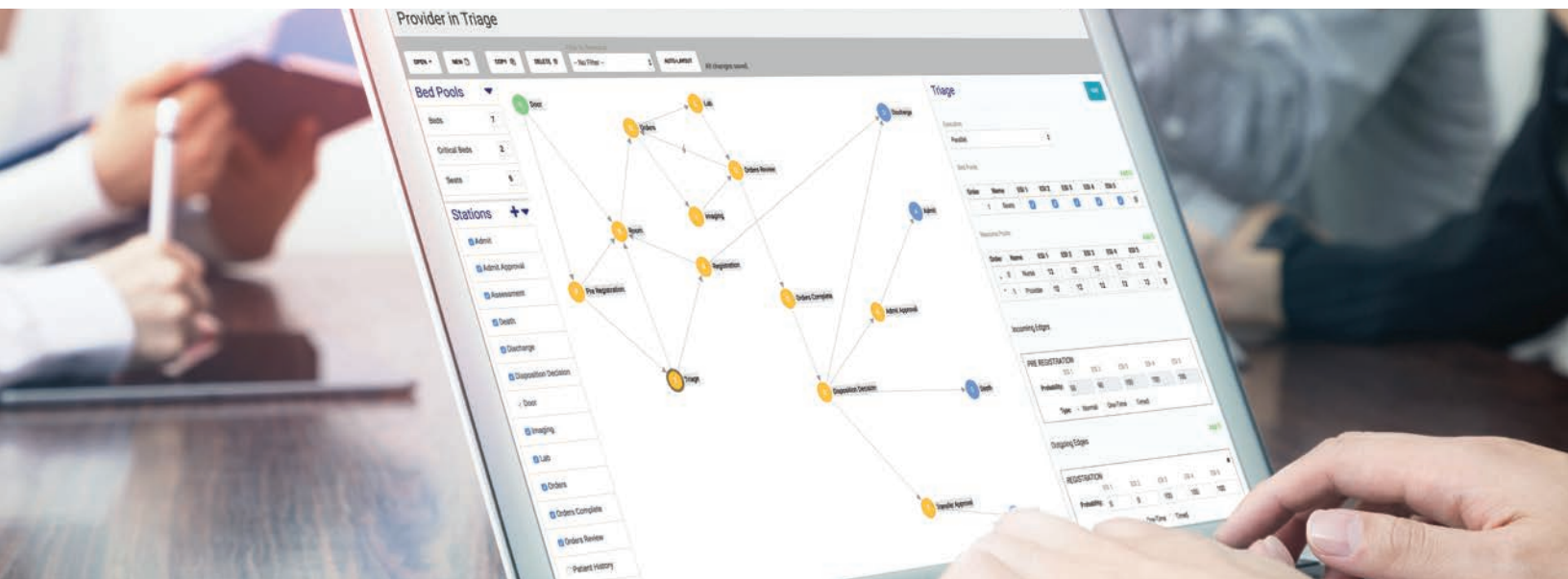
REDUCE LOST REVENUE Customized simulations improve key metrics, quality of care, and patient throughput while reducing lost revenue from patients who leave without being seen by a provider.

OPTIMIZE STAFFING TO DEMAND

Identify bottlenecks and redundancies and highlight demand-capacity mismatches with Bernoulli's predictive modeling engine. Adjust Emergency Department processes and staffing daily, weekly, or seasonally to meet changing needs.

IMPROVE SATISFACTION Bernoulli lowers both staff and patient stress levels with increased efficiency and reduced waiting time. Providers have more time to concentrate on patient care, resulting in increased MACRA/MIPS scores.

EXPAND SCOPE Bernoulli can model outlying departments to identify and resolve hospital-wide issues.





bernoulliTM
PATIENT FLOW OPTIMIZATION

Virtual PDSA (Plan, Do, Study, Act) Cycles predict the impact of changes to your Emergency Department.

Customized Flow Modeling

Model all aspects of your Emergency Department, whether it's a single-provider or sophisticated multi-track facility, with Bernoulli's powerful and flexible architecture. Mock up process improvement changes easily to explore new ideas without lengthy and costly trials.

Real-Time Analysis

Provide continuous up-to-the-minute performance reporting by consolidating

patient acuity and arrival-time data with real-time simulation.

Predictive Modeling

Play "What-If" scenarios with Emergency Department staffing and flow using virtual PDSA Cycles. Bernoulli predicts changes in key metrics including virtual reallocation of staff, beds, and other resources, reducing the need for live trials.

Workflow Improvement

Bernoulli's interactive dashboard provides visibility into the health of your Emergency Department, offering staffing and process recommendations so leadership can manage changes in acuity and flow.

Early Warning System

Bernoulli's real-time dashboard alerts leadership and Emergency Department teams of upcoming bottlenecks so they can respond proactively.

What Our Customers Are Saying About Bernoulli

"Bernoulli gives me the ability to test what-if scenarios in a virtual way before I impact the lives of the people in my department with changes in staffing or modeling."

—Director of Clinical Services

"Bernoulli enables us to increase efficiency, allowing us to eliminate wasteful activities to create more space for caring for the patient, having time to hold their hand in the room when needed."

—Site Medical Director

"Bernoulli accomplishes in minutes what normally takes hours of work with pen, paper and spreadsheets."

—Hospital CEO

Healthcare
Tech OUTLOOK TOP 10
ARTIFICIAL INTELLIGENCE
SOLUTION PROVIDERS - 2018



Schedule a Demo Today

Learn how Potentia Analytics can help optimize your organization.

Call: 618-505-2001, ext. 105, or email: inquiries@potentiaco.com

www.potentiaco.com