

# Real-Time Analytics Improves Patient Safety and Care Quality



## RESULTS

- **\$6M cost savings** in one year, the result of decreased patient safety events.
- **\$450K revenue increase**, the result of improved CMS incentive payments.
- **28 percent relative improvement** in PSI 90 score.

## PRODUCTS

- **Health Catalyst® Data Platform**
- **Healthcare.AI™**

## THE CHALLENGE

Cone Health relied upon hospital safety grade data to help it understand performance, but delays in data availability limited its usefulness for improvement. The organization needed access to real-time insights to guide action.

## THE SOLUTION

Using the Health Catalyst® Data Platform and a patient safety analytics application, Cone Health aggregated and visualized hospital-acquired conditions and the Center for Medicare & Medicaid Services (CMS) Patient Safety and Adverse Events Composite (PSI 90). For the first time, leaders could forecast performance and pinpoint improvement opportunities. The organization uses Healthcare.AI™ to project performance and the impact on patients and incentive payments.

The team applied new insights and implemented process changes to strengthen clinical documentation and evidence-based practices to prevent pressure injuries and improve surgical safety and patient recovery.

## THE RESULT

Cone Health improved patient safety and care quality, reduced adverse events, decreased costs, and established the analytic foundation and improvement structure required for ongoing improvement.



**The Health Catalyst Data Platform empowers us to act quickly with analytics and evidence-based practices—improving outcomes, reducing costs, and building a foundation for continuous improvement.**

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