

How to Reduce Hospital Costs & Improve Performance With Axiom Enterprise Decision Support

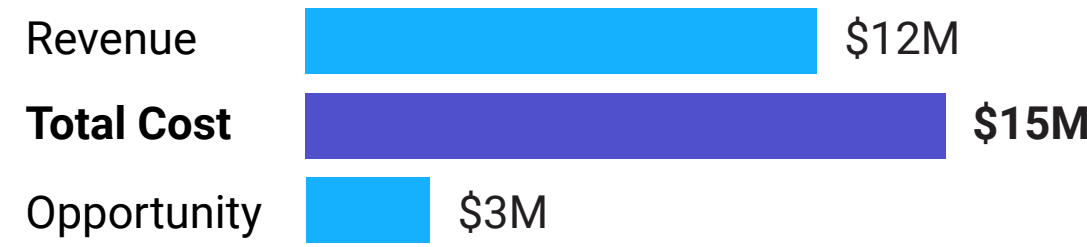
1 Identify Total Opportunity

Is there an opportunity for savings?



Hip/Knee Replacement Cost Analysis

By using EDS' trusted, advanced costing to measure variable costs against the top quartile, one hospital identified a **\$3 million opportunity** to improve orthopedics surgery costs.

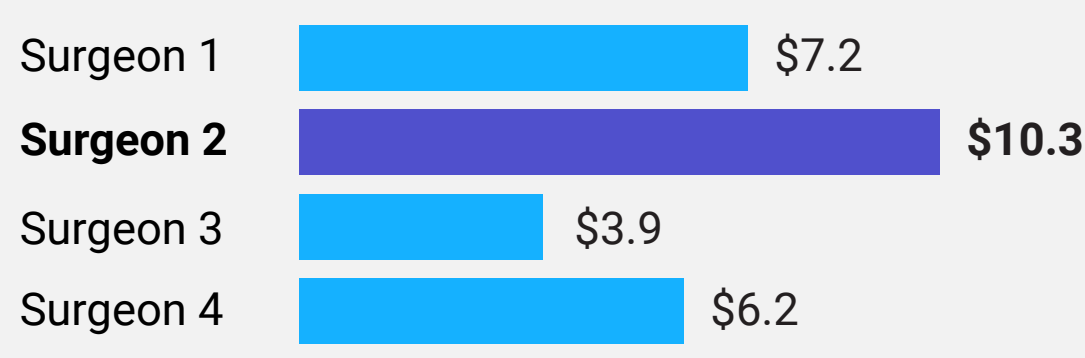


2 Measure Physician Variation

Is there variability in the therapeutic and diagnostic choices by provider?

Transaction Micro-Costing for Implants

Using direct acquisition costing to provide defensible cost measurements, EDS analysis identified significant variability in the average cost of implants across physicians.



Acquisition cost assigned directly to each patient



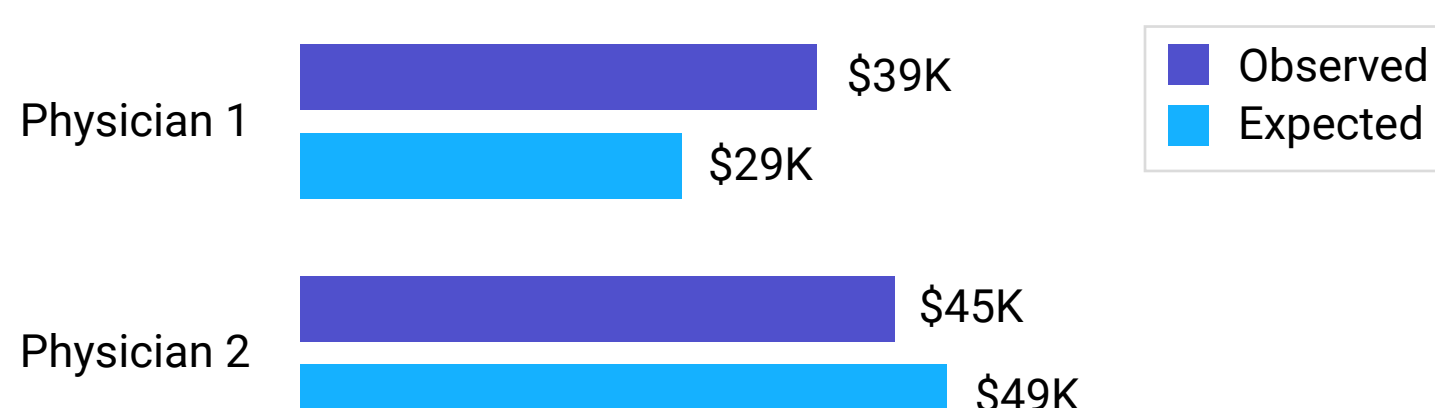
3 Consider Patient Complexity

Are costs higher because the physician treats more complex patient cases?



Severity-Adjusted Analysis

EDS leverages 3M™ APR-DRG to risk-stratify patients. The resulting severity adjustment accounts for the complexity of each unique patient and sheds light on physician variability. A physician with higher-than-expected costs may treat sicker or more complex patients.



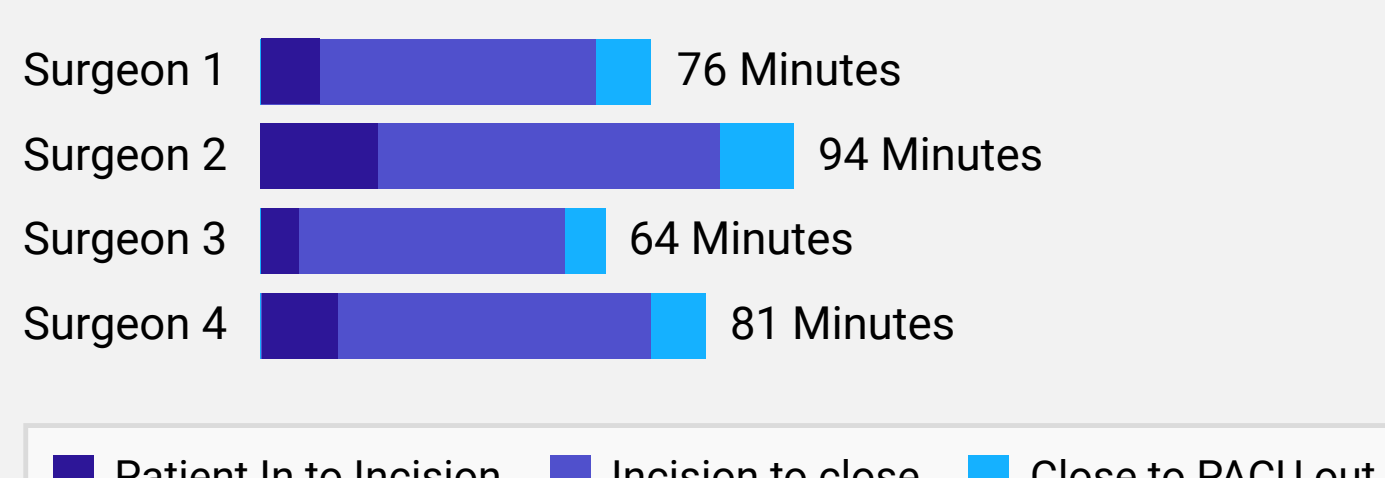
4 Identify Process Inefficiency

Does process variability impact costs?



Operating Room Efficiency

Using EDS care delivery time stamps to identify variability in OR utilization can prevent costly idle time, bottlenecks in the ICU and ER, overtime, and post-op complications.



■ Patient In to Incision ■ Incision to close ■ Close to PACU out

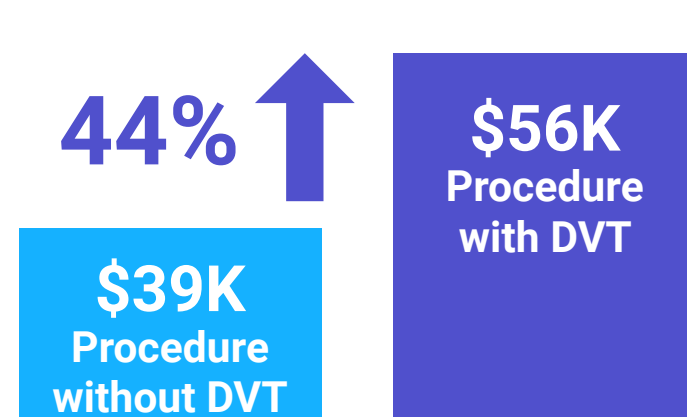
5 Account for Unexpected Outcomes

How did patient outcomes affect costs?

Post-Operative Complications

Post-op adverse events, like deep vein thrombosis (DVT), account for thousands of dollars in extended hospital stays and can impact revenue and reputation.

Using EDS, which embeds ARHQ metrics to identify patient safety and quality indicators, as well as financial impact, promotes more effective risk identification and prevention.



Increased cost of care with DVT complication



Note: AHRQ (Agency of Healthcare Research and Quality); <https://qualityindicators.ahrq.gov>

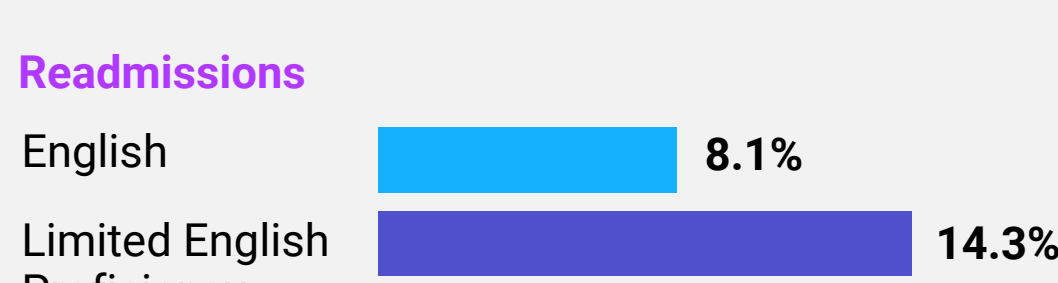
6 Assess Patient Experience

What does patient satisfaction data say about health equity?



Patient Satisfaction Regarding Physician Courtesy and Respect

Considering patient perceptions and integrating HCAHPS scores into EDS can reveal disparities that may impact length of stay, cost, and readmissions.



Note: CAHPS (Consumer Assessment of Healthcare Providers and Systems) is a registered trademark of the Agency for Healthcare Research and Quality, a U.S. Government agency.

7 Consider Impact on Payment

How do quality measures affect reimbursement?



Contract Modeling

As more payers adopt alternate payment models, reimbursement is increasingly tied to quality measures. EDS' contract modeling capabilities allow organizations to monitor financial risk in real time and negotiate better rates.



Let Axiom™ Enterprise Decision Support do the work for you by monitoring and analyzing your data to identify unfavorable trends and alert you, so you can take action to improve quality and cost outcomes in your organization. To see how Axiom Enterprise Decision Support can work for your organization, [schedule a demo](#).