

# Procedural Analytics

Connect procedural supply and clinical data to reduce costs, optimize utilization and improve OR outcomes.



## \$274.5MM annually

The operating room is the hospital's largest revenue driver and biggest cost center, with top hospitals spending an average of \$274.5 million annually on OR costs.

How much could OR efficiencies reduce cost and boost profitability?

## Drive Change in Variation and Utilization

Procedural Analytics supports OR and clinical supply initiatives by connecting procedural supply information across multiple systems—to assess opportunities internally, facilitate peer comparison and view market performance. With Procedural Analytics, providers can reduce variation and OR costs while enhancing physician engagement and improving the quality of care.

## Gain Credible Insights from Robust Data

Procedural Analytics uses validated source system procedural data to compare supply utilization and pricing to selected peer facilities.

## Succeed with Expert Support

Our expert team provides pre- and post-implementation support, executive orientations, and monthly feedback sessions for sustained improvement.

## Access Enhanced Integrations

Members who subscribe to Vizient Supply Analytics with benchmarking can see the Supply Price Index to identify pricing improvement opportunities. Clinical Data Base members can access additional outcome metrics and risk adjustment values for patient cohorts relative to comparable facilities.

### Guided Analytics

Quickly pinpoint opportunities by comparing your performance to your defined cohorts.

### Report Builder

Create customized data analyses for focused reports on supply cost, utilization and internal variation.

### Report Express

Generate user-friendly visuals that simplify the identification of variation and improvement opportunities.

### Utilization Insight

360° view of OR utilization by procedure and physician alongside cross-reference data to uncover data-backed opportunities for assessment.

### Data Download

Save time by enhancing data connectivity and empower teams with flexible data access tools.

# Transform raw procedural and supply data into actionable insights with unique enrichments

## Procedural Enrichments

- **Vizient-defined procedure groups:** Enhanced OR data classification at the service line, subservice line and procedural groups.
- **Multi-procedure logic:** Flexibly view opportunities for OR efficiencies by single or multi-procedure cases.
- **Cost outlier methodology:** Identify and manage high-cost OR cases.
- **Suspect data flagging:** Detect and flag anomalous data.

## Supply Enrichments

- **Price Index (Vizient Supply Analytics):** Understand the competitiveness of the contract for price.
- **Last price paid:** Track the most recent invoice price.
- **Enterprise cross-reference integration:** Understand functional, equivalent products both in use and available in the Vizient catalog.

## Robotic Enrichments

- **Robotic procedure groups:** Pre-defined robotic groupings.
- **Robotics cohort:** Benchmark robotic OR usage internally and externally.
- **Standard cost per use:** Identify average supply cost per use.
- **Robotics flagging:** Compare robotic flagged cases to other approaches.

## Clinical Enrichments: Quality measures (Vizient Clinical Data Base)

- **Case mix index:** Measure case complexity and resource use.
- **Complications:** Track adverse events during the patient's stay.
- **Length of Stay:** Monitor average OR-related hospital stays by procedure and physician.
- **Readmissions:** Evaluate post-discharge return rates.



## Case study: Rush University Medical Center

Read the [case study](#) to learn how Rush University Medical Center tapped Procedural Analytics to generate financial and clinical data insights around artificial shoulder joint utilization, leading to \$800,000 in savings through a reduction in spend – all while sustaining quality outcomes.

Clinical insights from Procedural Analytics and Vizient Supply Analytics were used to calculate appropriate peer benchmarks and understand contract competitiveness leading to:

- Reduction in clinical variation for procedural costs.
- Correlation to post-operative clinical outcomes.
- Engagement of executives and providers to partner on contract renegotiation.



### \$800,000

Savings to Rush from renegotiating the prices of artificial shoulder joints with suppliers



### 21%

Reduction in Rush's shoulder spend in less than one year



To learn more and schedule a demo, contact us at [askproceduralanalytics@vizientinc.com](mailto:askproceduralanalytics@vizientinc.com)

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