

Clinical Data Base

The right analytics and insights to transform performance improvement

Overview

Sustainable improvement begins with two key elements: visibility and clarity. Visibility helps identify performance gaps, while clarity helps create connections, understand causes and drive change.

With more than 30 years of experience in multiple clinical areas, Vizient experts continually advance analytic solutions to help you improve performance and patient care.

The CDB is the definitive analytic platform for performance improvement, trusted by:

300+

Health care systems represented

1,300+

Academic, complex teaching and community hospitals

98%

Academic medical centers

Transparent data for reliable insight

The Vizient® Clinical Data Base (CDB) provides total transparency through risk-adjusted methodologies and benchmarked outcomes data. Through a single platform, CDB allows members to measure quality and financial performance compared with other hospitals. It highlights opportunities for improvement by combining risk-adjusted encounter data and line-item transaction detail to yield information on patient outcomes and utilization.

CDB allows access to integrated quality and cost data to gain deeper insights that inform and equip decision-makers. Understand performance gaps and drive collaborative improvements with advanced analytics and deeper insights.

CDB flexible reporting tools and capabilities

Report Express – Allows members to explore areas for performance improvement. Report Express includes templates for reports, such as the Leapfrog Group templates, as well as Quality and Accountability scorecards and standardized reports, to help your organization know where it stands relative to several quality imperatives and metrics. Quality and Accountability scorecards provide comparative ranking, overall score and star rating, and detailed performance measure information.

Dashboard Builder – Offers a visually dynamic and highly interactive user experience to analyze quality and cost data. By bringing together key performance indicators from both your system and 100s of similar cohort facilities, the Dashboard Builder helps drill down to the right data.

Report Builder – Allows members to create highly customized, ad hoc analytic reports, to pinpoint and go deep on specific questions. Offers the ability to drill down to patient level detail and further analyze data to select relevant benchmarks and answer detailed questions around patient outcomes. Additional ad hoc reporting capabilities leveraging Application Programming Interface (API) technology is newly available.

Provider Insight – Provides enhanced data visualization and drill downs with workflow process. Members can create individual reports or scorecards for physicians and providers to support credentialing activities and meet Ongoing Professional Practice Evaluation (OPPE) requirements.

Core Measures – Fulfill chart-abstracted Core Measures reporting requirements with **Medisolv, Inc.** and compare performance with clinical benchmarks through the CDB. As part of our CDB offering, Medisolv, Inc., a recognized leader in quality management and reporting, manages the chart-abstraction service and submission process. The partnership provides members with greater functionality, specifically around report options and benchmarking capabilities.

Key benefits

Unmatched transparency – Vizient provides detailed information on proprietary methodologies, including risk adjustment. Compare clinical outcome performance with that of other hospitals by name, create custom cohorts and view comparator hospital performance. Transparency across organizations leads to networking and collaboration on performance improvement. Comparator transparency follows Safe Harbor regulations for relevant cost measures, but total transparency is available with the majority of outcomes.

Meaningful data and comparisons – Patient level data, such as mortality, length of stay, complication rates, readmission rates and hospital-acquired conditions, is taken through rigorous data quality checks to ensure the data and benchmarks are trustworthy. The CDB provides an enrichment and normalization process that adjusts data for risk and severity, and provides the calculations used to deliver the results. In addition, members drive Vizient methodologies and reporting by participating in numerous committees and user groups.

Unparalleled drill-down capabilities – With more than 80,000 drill-down reports written by members each month, organizations can download enriched and benchmarked data sets at the patient or physician level, or drill into clinical populations, using hundreds of advanced filters including those used to examine trends in utilization. Additional data download capabilities allow members to easily extract data for mining and analysis.

Continuous evaluation of financial outcomes – The platform includes cost, revenue and margin to identify where unnecessary variation may exist. Data is compiled and provided down to the service line, physician and patient levels so members can easily identify variations in clinical practice and opportunities for improvement, dig further to identify possible root causes of those opportunities, and provide data points for collaborating with clinicians to motivate change.

Dynamic Data Capabilities – Vizient provides options for data submission and consumption. Members on the EPIC electronic health record can leverage the Vizient Data Connector (VDC) through the EPIC App Orchard to satisfy their ongoing data submissions. Additionally, members can leverage the data download option or APIs in order to import enriched data from the CDB platform to their enterprise data warehouse.

Expert, peer and product support

Expert guidance – Advisers can help analyze inpatient and outpatient data and apply lessons learned from performance improvement collaboratives, as well as strengthen and build new relationships across service lines including value analysis, operations and ambulatory.

Online communities and user groups – Connect with other users of the platform through email, discussion boards and user group activities.

Leading data analytics, so you can lead healthier communities

At Vizient, to innovate is always the next step as we hold strong to improving clinical-supply data analytics. We're one of the first to integrate quality and cost data onto one platform. Using 30 years of experience in multiple clinical areas, our experts continually advance analytic solutions to help improve performance and patient care.



To learn more, please contact
ClinicalAnalytics@vizientinc.com.

As the nation's largest member-driven health care performance improvement company, Vizient provides solutions and services that empower health care providers to deliver high-value care by aligning cost, quality and market performance. With analytics, advisory services and a robust sourcing portfolio, we help members improve patient outcomes and lower costs.