Peak Clinical and Financial Performance Improvement Solution

Data and analytics are no longer "nice-to-have" tools; rather, they underpin an organization's ability to achieve high-value care, defined as patient-centric care with improved quality and outcomes, at lower costs.

Because the movement from a volume-driven system puts all providers at risk for not improving value, data and meaningful analytics are critical elements of the cost of doing business. With such tools, hospitals and health systems can drive the performance improvement needed to succeed in a value-based environment.

Hospital leaders need access to credible and accurately attributed data and analytics that enable them to identify significant opportunities to improve financial and clinical performance, and the root causes of suboptimal performance that require corrective action. Armed with the ability to simultaneously access utilization, quality, patient satisfaction, cost data, and benchmarks to internal and external best-practice care, executives can quickly identify underperforming areas to which attention should be directed.

Is your organization accessing the best possible benchmark data and analytics to identify and make the needed improvements to quality, outcomes, and cost?

Robust Analytics and Reporting - Basic to Advanced

More than 1,000 benchmarks available on Peak's cloud-based platform enable leadership and inter-disciplinary performance improvement teams to quickly and easily compare performance using historical trends, performance targets, and peer group data. Organizations then can identify areas of opportunity to target for improvement.

Statistical Process Control: Powerful Statistical Process Control charting features incorporate dozens of CMS-aligned risk-adjusted cohorts and generate complete XMR charts to

Peak Helps Achieve Goals in Each of These Areas

CLINICAL AND OPERATIONAL EFFICIENCY	CLINICAL EFFECTIVENESS	PATIENT SAFETY	UNWARRANTED CLINICAL VARIATION
PATIENT CENTRIC	**COST**	**UTILIZATION**	**ACCOUNTABLE HEALTH**

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identify common cause and special cause variation. Chart drill through from any data point to encounter detail is supported along with several types of data signals as well as complete graphing of adverse events identified in the data. A turnkey approach allows for an unprecedented simplicity in generating control charts and supporting analysis.
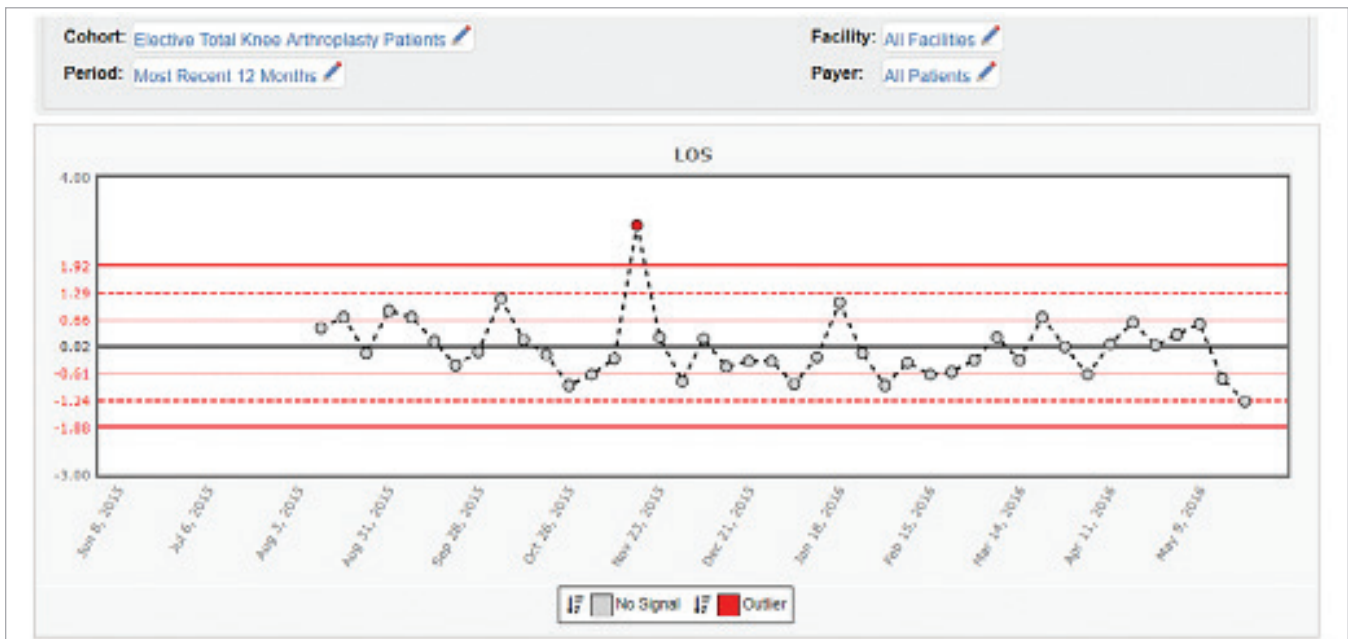
Physician Attribution & Reporting: A powerful Physician Attribution algorithm identifies the physician that made the largest contribution to the clinical outcomes of a case. This technology-enabled solution is easy to use, accurate, transparent, and consistent with best practices. Physician Reporting allows for the creation of individual physician and physician group-based reports reflecting Patient Safety, Quality, Patient Satisfaction, Utilization, and Costs, in addition to other specific measures. Custom physician reports can be created, distributed and viewed within the application. Extensive and user customizable workflow features allow for the scheduling, routing, annotation and electronic signature of Physician Performance Reports.

Readmission Analysis & Benchmarks: Consistent with CMS initiatives and impact on value-based care, Peak Readmission

Key Features:

- Performance reporting for the C-suite to align strategic imperatives

- Benchmarks at the national, state, and hospital level

- Internal best practice analysis

- Data availability at the system, hospital, physician, and patient level

- Ability to profile physicians at system level for peer review and care variation

- Strong analytic engine combining all sources of data, including patient billing, electronic health records, orders, results, case management, core measures, patient satisfaction, and more

- Data dictionaries consistent with national standards and ability to build custom measures

- Unit-based scorecards for all process and outcome measures

- Unit-based cost in real dollars, not extrapolated

Peak Control Charts help you identify unwarranted care variation related to specific high-volume, high-cost cohorts like Elective Total Knee Athroplasty

Analysis provides insight into provider performance and includes Benchmark Performance Reporting consistent with cohort definitions and national benchmarks.

Surgical Process Measures: Peak Surgical Process Measures assist providers in optimizing throughput through surgical suites. This has a profound impact on profitability, patient satisfaction, and quality. Peak Surgical Process Measures help identify systemic bottleneck issues from a variety of dimensions (physician, suite, procedure, day of week) so corrective action can take place to optimize throughput.

Robust Scorecards: Multiple scorecards with specific content are provided with the Peak solution. Examples include Palliative Care Scorecards which help identify populations with DNR and transform high cost and potentially inappropriate palliative care patterns and resource consumption. Additional scorecards such as Blood Utilization Analysis help to manage high volume and high cost areas to achieve balanced clinical and financial outcomes.

Ordering Analytics: Service Detail Utilization for Care Variation Analytics helps hospitals analyze care variation of physicians individually or in groups. The data provides detailed analysis of ordering patterns to identify care variation over- or under-utilization of detail services in the care delivered.

Pharmacy Analytics: Peak's Pharmaceutical Care Variation Analytics enable users to drill in through levels of pharmaceutical ordering patterns to analyze care variation by physician. The parameters provide a number of options to compare the selected physician(s) against customizable internal benchmark groups. Pharmacy specific measures provide analysis support for high volume high cost drugs commonly utilized in hospitals today.

Outcome Analytics: Peak's Outcome Analytics enable hospitals to identify frequent readmissions and understand length of stay patterns. In addition, users can add the capability to analyze Potentially Preventable Readmissions and Potentially Preventable Complications, which are both severity-adjusted and risk-adjusted based on 3M™ proprietary algorithms.

Financial Reporting: Peak's robust financial reporting capabilities provide executives with clear visibility into the bottom-line impact of inappropriate care variation. Reports can be generated at the system, hospital, physician, and patient level.

Fundamentals of the Peak Approach

Integrate Data
Aggregation of large amounts of data from disparate systems to allow performance measurement.

Calculate Metrics
Calculation of meaningful measures to influence change; Metrics generally follow discipline-specific transparency-based definitions.

Define Benchmarks
To gain the greatest insights, the data is benchmarked against relevant peer groups and competitors to allow for data-based comparisons.

Analyze & Manage
Analytics are established and monitored over time as clients pinpoint improvement opportunities. Turnkey patient cohorts are embedded for managing clinical outcomes with risk and severity adjusted statistical process control charts.

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