

Clinical QI and Analytics Platform

FEATURES

Complete integration of clinical, operational and financial information into one centralized reporting solution.

Identify and monitor clinical and operational outliers quickly and easily.

View and understand historical and current trends to guide new policies and quality initiatives.

Improve outcomes with context rich analytics to understand clinical trends.

Making sense of the vast amount of data in cardiology services (patient admissions, procedure documentation, complications, outcomes etc.) is a department challenge that could be much easier and more efficient. Furthermore, data fragmentation within multiple systems (EMR, Hemo, CVIS, Supply Chain, etc.), makes operational monitoring and change management a tedious task.

User friendly data access and insight is critical for improving efficiency, clinical processes and overall business performance. With better tools and methodologies physicians and management can trust and use all of this data to support their most critical operational and strategic decisions.

Foundations Cardiology combines clinical, financial and operational data in real-time, with historical data, so that any authorized user can discover important metric correlations and trends, with the ability to drill down into the information. Built with the end-user in mind, business leaders, physicians and staff use Foundations to understand, plan and track their short, medium and long term objectives as well as identify clinical outliers to improve their quality reporting initiatives.

“Foundations is the new gold standard for data metrics in the cardiac cath lab.”

Cardiology Program Manager
Leading Univ. Medical Center

HOW WE HELP

Foundations Cardiology is a configurable, real-time management solution that captures all data and enables any user to manage and improve clinical outcomes and business performance.

With Foundations, physicians can compare personalized metrics with those of their anonymized cohorts to improve clinical quality and achieve performance improvement objectives. Business and clinical management decisions can be made quickly with instant access to an entire spectrum of cardiology data from EKG, Echo, Vascular to Cath & EP Labs and Cardio Thoracic Surgery areas. Data can be correlated, displayed and instantly available for reporting so that the entire cardiology department comes together as a center of excellence.

Here are how some of our cardiology customers are getting uncommon insight into metrics that drive their business:

Clinical Metrics

- Correlating workload ratios – echo's to cath, EP cases, surgery cases with referring physician patterns
- Acute Kidney Injury (AKI) analysis with underlying factors
- Complications and correlations with MD, patient conditions or device use
- Clinical Risk Scores and Appropriate Use Criteria (AUC) models
- Radiation & contrast tracking by case and patient life-time dose
- Monitor diagnosis and procedure correlations
- ...and more

Operational Metrics

- Monitor trends in case loads by specialty, TAT, cases, mix by the hour
- Monitor workflow durations, correlations and trends, such as pre-procedure, d2b, in-procedure, anesthesia protocols
- Average Length of Stay (LOS) quartiles by diagnosis, procedures, MD, complications
- Room utilization and resource management metrics (case delays, room occupancy ratios, etc.)
- Ability to set benchmarks and targets
- Improve registry data abstraction process by identifying and correcting missing fields
- Interquartile measure ranges for a complete picture, leading to better decisions
-and more

Physician Metrics

- Personalized metrics and comparison with anonymized cohort
- Case volumes for fellows by specialty and study type
- Medications, inventory, complication rates, outcomes and correlation with patient risk factors
- ...and more

Foundations is a secure cloud based solution that provides actionable information to each user, based on their role. We partner with IT to integrate data sources, provide the truest form of data metrics, and enable them to level the playing field so that everyone can use analytics to discover uncommon insights and improve operational efficiencies.



About HealthLevel, Inc.

Founded in 2010, HealthLevel, Inc. is a privately held company, headquartered in Mountain View, California. Foundations from HealthLevel, Inc. is the industry's first integrated real-time and multi-year correlation platform for clinical, operational and financial data. Foundations provides an intuitive, configurable, analytics solution allowing all hospital personnel to readily monitor and improve their own business practices.