



# CareScience Solutions

Delivering solutions that help healthcare providers improve quality of care is the passion of CareScience. By combining the industry's most respected patient data analysis technology with unrivaled professional services,



CareScience helps hospitals and health systems identify areas for clinical improvement, implement better treatment processes and improve patient outcomes. As a result, CareScience customers are able to document increases in operational efficiencies, as well as financial gains.

CareScience works with our customers to create solutions that address the unique challenges and resource constraints of each hospital and health system we serve.

## CareScience solutions help our customers:

- Identify specific areas where clinical improvements are possible
- Prioritize patient safety and quality improvement initiatives that will deliver the most impact — both clinical and financial
- Gather and analyze patient data, using our risk-adjusted methodologies, to target specific clinical areas and processes for improvement, and secure physician adoption
- Support the creation and implementation of evidence-based treatment protocols which improve clinical processes
- Collect and submit data to a variety of regulatory organizations including CMS, JCAHO, The Leapfrog Group, IHI and state departments of health
- Educate management and staff on the differences and overlaps of various public reporting measures
- Establish a reporting system which allows executives to be informed of quality and safety measure performance and/or track the impact of quality improvement initiatives
- Assist leadership with change management — help to develop an organization-wide culture that embraces the use of patient data to continually improve patient outcomes
- Assist with EMR, EHR, or CPOE implementations to optimally configure systems for quality initiatives and accurate measurement of clinical and financial outcomes

## CareScience Technology

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At the heart of every CareScience solution is robust technology that leverages the industry's most advanced statistical methodology – our highly accurate mathematical techniques ensure that data is appropriately risk-adjusted at the patient-level for each organization's unique patient population. Our technology goes beyond data input and export, producing *actionable information* that allows healthcare providers to make decisions that improve quality of patient care, and the efficiency in which care is delivered, *transforming the care process*. The following are brief descriptions of CareScience solutions.

CareScience's distinguished customer list includes leading healthcare providers and national health systems such as:

*Ascension Health*

*Baptist Health Care*

*Borgess Medical Center*

*Exempla Health*

*Medstar Health*

*North Mississippi Health system*

*Providence Health System*

*Rush Systems for Health*

*Sisters of Mercy Health System*

*Scripps Health System*

*Temple University Health System*

*University of Tennessee Medical Center*

## **CareScience Quality Manager**

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CareScience Quality Manager helps hospitals and health systems identify the underlying causes of costly, avoidable patient events — such as complications during a hospital visit, excess length-of-stay and unnecessary readmissions — to help yield practical action for prevention and to achieve significant operational, clinical and financial gain. Through an automated process of data gathering and consolidation of a patients' clinical and financial data into one repository for centralized access and input, CareScience Quality Manager allows for detailed data mining and monitoring of the care process.

## **CareScience Standards of Care**

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CareScience Standards of Care, featuring a robust clinical-quality indicator "scorecard," helps healthcare providers manage the multitude of existing and new quality measures for public reporting to external agencies. In addition to providing a single source for data collection and reporting, CareScience Standards of Care can help reduce the resource drain on internal staff through a single chart review process for all measure sets. CareScience Standards of Care enables hospitals to perform increasingly better when compared with competing hospitals by delivering actionable data that allows organizations to implement quality and safety improvements and improve performance reporting.

## **CareScience Data Manager**

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A state-of-the-art data integration and communication platform, CareScience Data Manager provides a simplified, efficient process for managing data submission to various clinical internal systems, including the CareScience Quality Manager, as well as external organizations. Data Manager allows for faster data loading and validation, more granule selection of data inclusions and finely-tuned reports delivered in an automated, electronic format.

## **CareScience National Comparatives**

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CareScience National Comparatives allows users to compare their clinical and financial outcomes to a national database of acute care facilities. Comparisons can also be made by resource use patterns across DRG, diagnosis, procedure, and other parameters. These resource-level comparisons provide valuable insight into practice variations between your facility and national benchmarks.

## **CareScience Clinical Terminology Services**

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The CareScience Clinical Terminology Services maps customer resource data to the National Library of Medicine's Unified Medical Language System standard terminology, helping to create a common coding definition for tests, therapies, interpretations and related activities. Comparisons across health system facilities, or the CareScience national dataset, are available for resource-based utilization and outcome.

## **CareScience Professional Services**

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While technology can help improve patient care, it is people that best affect change and drive success. CareScience helps transform your organization by offering professional services that assist in the planning and design of clinical

processes, management of resources and staff education. Our experienced clinicians and healthcare professionals understand the complex choreography of patient care and the need to simultaneously keep an eye on the end goal — delivering the right care for every person, every time.

**CareScience consultants can:**

- assist in the creation and evaluation of strategic quality plans
- design and help maintain an efficient and effective organizational infrastructure to support the care process
- aid in the implementation and ongoing use of CareScience Solutions
- educate clinical staff on how to align care process improvement with strategic plans for quality
- develop executive-level reporting structure to monitor and communicate progress on quality initiatives

Furthermore, our consultants have experience working with hospitals and health systems that are in the process of implementing EMR, EHR, and CPOE systems. CareScience consultants have the unique combination of clinical proficiency, technological know-how and healthcare process expertise to help your organization realize return on your information system investments.

### **Subscription for Success**

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CareScience delivers its products and services, from planning to implementation, to integration and ongoing support, with a dedication to ensuring you are able to maximize return on investment and establish a foundation for long-term success. With a keen understanding of the needs and challenges in hospital environments, and an eye to speeding implementation, CareScience became one of the first companies of its kind to offer an entire clinical product suite as an application service provider (ASP) model. The ASP model minimizes the need for large investment in capital equipment or resources from your information technology staff, and facilitates immediate, low-cost system upgrades and maintenance. In this Internet-based environment, our software is supported securely, and delivers enterprise-quality performance, availability and scalability - while keeping costs in line with your business model.

CareScience solutions help hospitals and health systems achieve the right care for every person, every time. For more than a decade, CareScience has assisted hospitals in translating organizational vision and goals into quality improvement plans that optimize patient outcomes and operational performance, increase staff efficiency and reduce costs.

**Contact CareScience today to begin your journey toward realizing your quality goals!**

**(888) 223-8247**

**[www.carescience.com](http://www.carescience.com)**

CareScience's industry relations include participation with key industry initiatives and advocating on behalf of hundreds of hospitals and health system clients. CareScience:

- Promotes the adoption of the Surgical Care Improvement Project (SCIP) and has worked with the Centers for Medicare and Medicaid Services to evaluate the relationship between hospital leadership and quality
- Supports the IHI 100K Lives Campaign; named as data intermediary
- Actively participates in NQF membership quality activities
- Facilitates support for The LeapFrog Group's Hospital Rewards Program
- Incorporates AHRQ Patient Safety Indicators into CareScience Solutions
- Assists dozens of hospitals and health systems in interpreting quality results from public reports and private insurers.
- Serves as a performance measurement system for JCAHO programs and other external programs, such as the Malcolm Baldrige National Quality Award and the Magnet Recognition Program
- Actively participates in the eHealth Initiative



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