Population Health Solutions

Actionable data at the point of care.

Lightbeam
Health Solutions

Lightbeam's mission is to provide solutions that help improve quality of care and therefore quality of life. Our technology will provide the guidance needed to deliver the right care at the right time, while reducing costs and delivering outstanding financial results.

A revolutionary new approach to managing populations and risk.

Why has Lightbeam been selected to support over 70 healthcare organizations nationwide?

Lightbeam provides a single vendor, integrated platform that facilitates end-to-end population management. Our comprehensive tool set supports ACOs, payers, large provider groups, health systems and other healthcare organizations who aspire to provide superior care to their patients at a reduced cost.

Comprehensive – Integrated analytics, risk stratification, care coordination, provider engagement, and member engagement on a single, unified platform.

Synchronized – A single platform provides an information conduit supporting data exchange and clinical guidance between payer, physician, and patient.

Simple – Enterprise Data Warehouse unravels the complexities of aggregating and normalizing clinical and claims data from multiple sources.

Predictive – Our Searchlight risk stratification engine identifies patients who have predictable, avoidable high cost events.

Vendor Agnostic – Our open platform manages the secure exchange of data among all systems (EHR, HIE, Lab, and more) within your community.

Tailored – Lightbeam's solution is tightly integrated yet modular allowing you to unbundle our components to fill the exact needs of your organization at an affordable price.

Affordable – Our cloud based solutions minimize upfront cost, and our competitive monthly fees accelerate return on investment.

Better data. Better decisions. Better care.

Claims Data

Social Data

Clinical Data

Enterprise Data Warehouse
"Aggregation & Normalization"

Risk Stratification

Care Management	Physician Engagement
Integrated Analytics	Patient Engagement	HCC Coding Module
GPRO Reporting	Quality Measure Optimization

With Lightbeam, we're able to do things that were never possible before. It allows me to actually manage care.

Gary Gaspard, CEO of Texoma ACO

Current Problem

Lightbeam Solution

1. Old incomplete data

Real time complete data aggregation

2. Physician usability

Actionable care gaps available within existing physician workflow

3. Lack of patient compliance

Automated notification to patients who are past due for annual wellness visits, preventive or chronic condition follow-up visits

Our Medicare Advantage

Lightbeam provides an integrated platform connecting the plan with the physicians to improve HCC coding and quality measure performance while integrating workflow with Care Coordination and Analytics.

Medicare Advantage plans require proactive management of patient populations in a cost effective manner, while adhering to specific quality measure standards. Coordinating care with physicians at the point of care and alerting them of care gaps and HCC coding opportunities will help improve HEDIS and other measures, ultimately boosting your Star ratings.

Accountable Care Organization (ACO)

The Lightbeam platform delivers end-to-end population management.

Featuring:
- Clinical and Claims data aggregation
- Risk stratification
- ACO quality measures
- Integrated analytics
- Physician and Patient engagement
- GPRO Reporting
- HCC Coding Module

Our solutions not only identify gaps in care but also enables drill down capability to the physician and patient level in order to take immediate action in improving health and financial outcomes through increased physician utilization and patient compliance.

Claims + Clinical =

☐ Timely access to critical information

☐ Improved patient care

☐ Reduced hospital admissions and ER visits

☑ **All of the above**

Note: Lightbeam Health Solutions

Lightbeam Health's Solutions

Enterprise Data Warehouse

Clinical and Claims Data Aggregation and Normalization

With over 200 years of combined experience in the ambulatory, acute and payer space, Lightbeam has developed unique expertise in blending clinical and claims data. Our Enterprise Data Warehouse drives sophisticated analytics and stratification engines that transform clinical and claims data into actionable information, resulting in better clinical outcomes and lower cost of care.

Traditional healthcare data warehouse platforms are designed primarily to store post adjudicated claim information and limited clinical data. Lightbeam's healthcare data model and warehouse was designed from the ground up to store more complete, real time clinical information. Additional real time clinical values will allow for dramatic improvements in the accuracy of your risk stratification, enabling your care managers to focus on the right patients at the right time.

Risk Stratification

Lightbeam's stratification engine calculates each patient's risk acuity based on sophisticated protocols and guidelines. Our focus is not simply based on a patient's medical problems and their historical cost of healthcare, but to utilize our revolutionary predictive modeling algorithms to notify care managers regarding patients at risk of avoidable high cost events such as admissions and ER visits that can be prevented through corrective action. Our Risk Stratification engine helps you efficiently utilize your Care Management resources to focus on specific patients, ensuring your ability to effectively lower your cost of healthcare while improving the health of your population.

Physician Engagement

To effectively manage a patient's health, it is critical that all care givers have a complete understanding of their patient's longitudinal medical profile. The ability for an ACO or payer to assign gaps in care, care plans, and requests for information via automated tasking within a provider's natural workflow significantly impacts the improvement of quality outcomes.

Armed with this additional information, physicians are able to make informed decisions based on real time data to ensure their patients are receiving the comprehensive care they deserve. Lightbeam's physician portal provides this level of detail to physicians at the point of care, where they need it most.
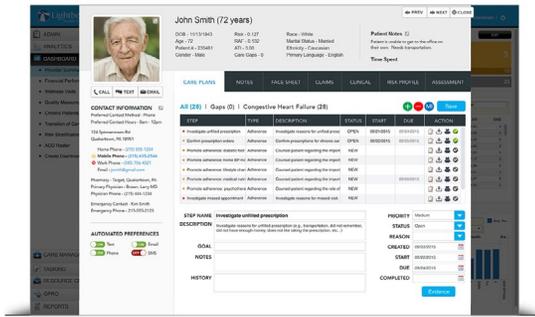
Care Management

Dramatically improve the efficiency of your care management resources by embedding real time clinical data into their daily workflow and decision making process.

By integrating community wide clinical information from disparate systems within your care management operation, you will greatly reduce the arduous task of having to call physician offices to manually submit electronic and/or paper documentation. The result is decreased phone calls, a reduction in the need to create abstract paper charts and ensuring your care managers can focus on caring for your patients.

Integrated Analytics

Lightbeam has moved "actionable data" from buzz to reality. Combining clinical and claims data in our Enterprise Data Warehouse provides a variety of analytical options including government incentive based reports such as HEDIS and ACO clinical measures.

Unique financial dashboards identify cost overruns, pinpointing the root cause where corrective action is needed. As poor performance is identified, our integrated analytics engine pushes notices directly into your care team workflow or into the physician's portal for corrective action.

Patient Engagement

The relative health of a population is ultimately driven by the behavior of its patients. It is up to the patient whether they take their medications, exercise, eat right or visit their doctors when they should.

Because patients spend a very small percentage of their waking hours in the care of a physician, it is imperative that we have a window into the health of our patients while at home. The ability to automate the communication process for patients and notifying them they are due for annual wellness visits, preventive, and chronic condition follow-up visits will help improve the overall health of the patient population, satisfy open care gaps and drive fee for service revenue.

HCC Coding

Over the next 3 years, up to 80% of your income will be paid by value-based contracts. In your Medicare Advantage plans, the RAF score determines the relative health of your patient population which drives top line revenue. Patient HCC codes are required to be renewed each year, therefore, providers need to be notified of this critical information at the point of care.

Lightbeam notifies the physician of HCC coding gaps at the point of care, ensuring accurate, up to date documentation which will increase the average RAF score for the patient population.
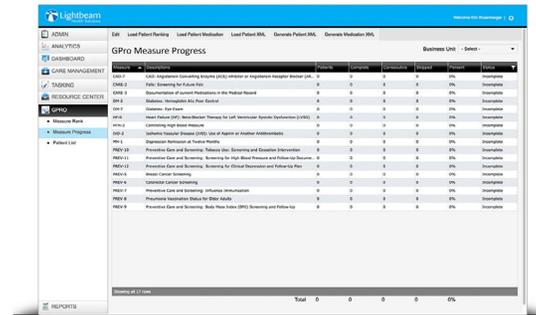
GPRO Reporting

Lightbeam's GPRO Module will simplify reporting and enhance MSSP-ACO Quality Measure submission efforts. Our ability to extract data directly from your existing EHR(s) will help automate the completion of open care gaps and satisfy MSSP-GPRO quality measures. Lightbeam then creates the GRPO specific XML format for automated submission to CMS.

Lightbeam's GPRO Reporting Solution displays a measure progress screen which allows users to view progress on all Quality Measures from a summary view, or in ranking order. Additionally, our solution provides the ability to measure progress by practice, provider, specialty and patient to identify performance results at each level.
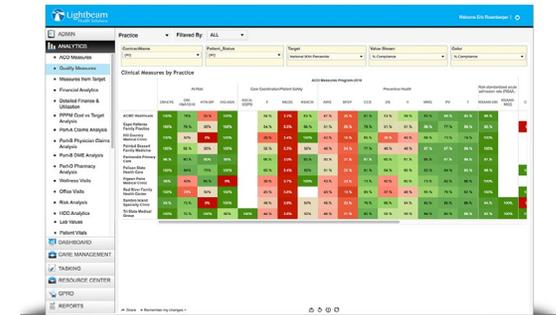
Quality Measure Optimization

Quality Measures are fundamental tools that help healthcare organizations evaluate their quality of care by assessing the effectiveness of processes, outcomes, patient satisfaction levels and organization systems. Using contract benchmarks set by CMS and other payers, real-time quality measures provide critical insight to where an organization may be lacking in performance. As payment models continue to move toward rewarding value over volume, provider quality scores are becoming a crucial business focus.

Today, our platform is already supporting nearly 200 unique measures including:
- Accountable Care Organizations (ACO)
- Healthcare Effectiveness Data and
  Information Set (HEDIS)
- Physician Quality Reporting System (PQRS)
- Patient Center Medical Home (PCMH)
- Medicare Advantage Stars Measures

"Lightbeam demonstrated well developed and intuitive tools to meet our functional specifications and goals for a population health platform.

Paul Meyer, Chief Executive Officer of The South Bend Clinic

769 746

1,362 1,513 2,079 1,495 1,678

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97 106 68 86 99 108

Strategy to Success

Transforming an organization to any number of the emerging alternative payment models can seem overwhelming and impossible. Lightbeam's **Advisory Services** deliver a guided management "Strategy to Success" process that will help healthcare organizations make sense of the transition to a value-based world.

The Advisory Services are a great option for your organization if you want to leverage proven methodologies and learn from our experts who have lead value-based health organizations. These services include but aren't limited to:

- Readiness Assessment Audit
- Strategic Analysis
- Total ACO Management
- Risk Contracting
- Technology Management
- Financial Services

- Care Coordination Management
- ACO Operations Management
- Contract Analysis and Negotiation Services
- Data Aggregation Services
- Strategy
- Data Integration Consulting

70+

Lightbeam has been selected to drive results for over 70 ACOs and hundreds of medical practices.

+73%

ACOs using Lightbeam generated 73% more shared savings than non-Lightbeam ACOs.

Expertise and Experience

Our executive team provides a unique blend of experience

- Ambulatory and acute solutions (175+ years)
- Payer medical management and analytics (50+ yrs)
- Consulting Services and cloud based delivery (50+ years)

Bridging the gap - Introducing clinical data into payer decision making.

www.lightbeamhealth.com | 972.831.7270