

Delivering Accelerated Results



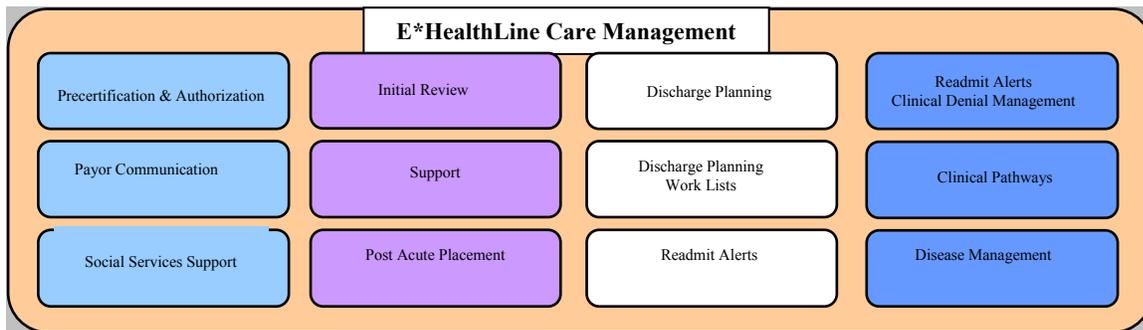
*Preserving Life's Most Valuable Asset...
OUR HEALTH*

**CARE MANAGEMENT SYSTEM
&
PREDICTIVE MODELING**

INTEGRATED CARE MANAGEMENT INFORMATION SYSTEM (ICMIS)

Advances in medical technology, an aging population and rising patient expectations are all converging to challenge healthcare organizations to improve “quality” and “efficiency”. These changes call for managing care processes and resources in a way that fosters evidence-based practice and ensures patient safety while controlling medically unnecessary care.

EHL Integrated Care Management information system maintains Prospective, Concurrent, and Retrospective data concerning an individual’s medical and vocational care from the time of injury until the claim is closed, including other care management information. EHL’s Web-based information system offers clinical treatment guidelines, cost and utilization data, and electronic patient case files.



The EHL System, backed up by a high-end data warehouse, generates comprehensive, real-time reports monitoring a wide array of clinical and financial outcomes. These include patient re-hospitalizations, side-effects, remission rates, patient and physician satisfaction, and over 20 clinical performance measures-invaluable for assessing the performance of providers and facilities, and for controlling future costs.

The Core Modules are:

- (a) pre-certification
- (b) inpatient and outpatient services
- (c) concurrent review
- (d) discharge planning
- (e) case management
- (f) disease management
- (g) mental health and substance abuse review,
- (h) high risk maternity
- (i) transplant case management
- (j) demand management(24-hour nurse line)
- (k) professional clinical opinion
- (l) provider negotiations
- (m) medical claim review

E*HEALTHLINE PREDICTIVE MODELING CAPABILITIES

OVERVIEW

Whereas disease management programs lean toward focusing on patients previously diagnosed with specific high-cost conditions (the 80/20 rule) such as heart failure, diabetes, and asthma, in an attempt to control utilization, E*HealthLine's comprehensive Predictive Modeling approach targets not only chronic diseases but also common healthcare treatment of ailments such as lower back pain and arthritis. (*These conditions account for substantial portions of the health insurance industry's overall medical expenditures*). EHL's Predictive Modeling capabilities are present in an integrated platform offering extensive connectivity to valuable disease management functionalities.

MONITORING OF CHRONIC CONDITIONS INCLUDES:

1. Diabetes
2. Heart Disease
3. Hypertension
4. Stroke
5. Asthma
6. Arthritis
7. Back Pain

LIFESTYLE RISKS

1. Smoking
 2. Stress
 3. Obesity
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OBJECTIVES

1. E*HealthLine's Predictive Modeling provides physicians with meaningful decision making tools based on valuable outcomes.
2. E*HealthLine's Predictive Modeling concentrates on "utilization management" while providing connectivity and integration to control and reduce overall cost.

E*HealthLine Predictive Modeling Key Features:

1. Internet based "Real-Time" solutions
2. Scalable and secure technology
3. Disease-specific clinical indicators
4. Identifies the medical risk analysis
5. Identifies trends and patterns in healthcare utilization,
6. Improvements in utilization rates
7. Return on investment
 - a. Satisfaction rates - over 95%
 - b. Hospitalization utilization rate decreases - over 33%
 - c. Medication compliance - increases approximately 15%

THE SOLUTIONS

E*HealthLine's comprehensive and "Integrated Information Systems" monitor patients with chronic medical conditions and track cost, quality, and service performance, while calculating and reporting on the entire spectrum of outcomes. EHL's Predictive Modeling utilizes our data repository to manage algorithms and data from multiple sources, including claims data, pharmacy data, and case management. The System analyzes data by patient, employer group, and/or by plan. Diagnostic claims and pharmacy data identify the five percent (5%) of a client's membership, probable to account for fifty percent (50%) of the following year's claims cost. Statistic indicates that effective prediction to close the gap between expected health care needs and actual healthcare utilization, save billions of dollars each year relating to overall healthcare costs.

While healthcare has typically focused on illness or injury rather than wellness, predictive segmentation, can assist organizations in identifying individuals with chronic problems and provide patient education to assist in the ongoing management of their disease.

Predictive modeling segmentation also provides Managed Care with a clearer picture as it relates to projected health requirements, enabling the ability to respond "proactively" rather than "reactively". The E*HealthLine system technology is a sophisticated tool in support of "Health and Wellness" programs benefiting the entire spectrum of healthcare encounters.

Extensive medical research has identified "impact conditions" for patients which can be prevented through an early detection. These conditions account for half of the \$1.4 trillion spent on direct medical expenses throughout the United States last year. Significant financial outcomes from integrating Predictive Modeling capabilities frequently result in a 12 to 24 month return of investment (ROI).



Embracing a new technology for the future of healthcare.

An innovative healthcare information infrastructure enabling an Internet web environment, which embodies the new paradigm of healthcare applications with reality-based interfaces.

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