

Quality Care when and where it's needed

# Computerized Disease Registry

Registry<sup>®</sup> An Integrated Computerized Disease Registry Application for Disease Management and Population Health

## E\*HealthLine's Computerized Disease Registry and Health Information Exchange

E\*HealthLine's computerized disease registries are contained within the framework of the company's Health Information Exchange System (HIE). Participating providers have the ability to obtain clinical data from across the community. The registry allows providers to identify patients having a particular condition based on tests performed by other clinicians that otherwise would be inaccessible. The registry enhances care coordination among providers, electronically. The system alerts and triggers important disease markers, such as hemoglobin A1C for diabetic patients, and enables routinely tests and monitoring, even though the patient may not have been seen by their primary provider. Registry data also can be used by providers to demonstrate provisions of appropriate care to their patients for quality reporting purposes.

In populations with chronic illness, advanced outcomes are derived with the use of care models integrated within the Clinical Health Information Exchange System. The system's cognitive computing applications provide evidence-based outcomes for proactive management of care. The integration of E\*HealthLine's technologically driven healthcare ecosystems, provide analytical measures for the clinicians' workflows at the point-of-care.

## Registry<sup>®</sup> Functionality And Benefits

- Standards patient identity management
- Integrating the use of registries into clinicians' workflows at the point-of-care
- Record localization
- Supports immediate access to patient data for reliable patient assessment.
- Improves patient safety and prevents medical errors and adverse drug events by checking the dosage of medication given to patients by physicians or other health professionals.
- Real-time data feeding capabilities.

## Registry<sup>®</sup> And Decision Support

- **Registry<sup>®</sup> decision** support includes: automated drug dosage, allergy, and interaction checking; duplicate order notification; recommendations for pre- or post-administration tests; access to clinical reference information guidelines, substitute medication and test recommendations.
- Monitoring of patient treatment, ensuring, and the right drug is administered to the right patient at the right time.
- Issues an alert or reminders and suggest a different course of treatment if a patient's condition changes, and if the test results are abnormal, etc.
- Provides health professionals with immediate electronic access to their orders and a comprehensive view of the patient's clinical data and lab results.
- Enhanced decision making by addressing considerations for PRN reasons, dosage adjustments, relevant calculations, and discharge instructions.