KnowMED

KnowMED turns data into knowledge

We are in the midst of a healthcare transformation. With the release of the "National Priorities and Goals" report by the National Quality Forum, came a listing of national priorities that were used to create the framework for "Meaningful Use" and "Comparative Effectiveness Research (CER)". Among these priorities are:

- improved patient quality and safety
- increased efficiency and effectiveness
- improved population health

Health care delivery systems and organizations under mandate to achieve Meaningful Use are in the midst of adopting Electronic Medical Records (EMR), e-Prescribing, and Clinical Decision Support – *the **first step** to using EMR as a tool for facilitating the tracking and review of clinical outcomes*.

KnowMED Offers an Integrated Platform for Quality Measurement and Reporting (Meaningful Use) and Clinical Outcomes Measurement and Reporting (Comparative Effectiveness Research (CER))

KnowMED solutions offer:

- improved patient quality and safety by offering **configurable quality measurement and reporting.**
- increased efficiency and effectiveness by offering **clinical outcomes measurement and reporting (Comparative Effectiveness Research (CER).**
- improved population health through **actionable results achieved from both quality and clinical outcome measurements and reporting.**

Outcome measurements and quality reporting are resource intensive, complex and critically important tasks for both providers and hospitals. They are the cornerstones of information-intensive operations that healthcare organizations rely upon to participate effectively and efficiently in these activities.

KnowMED technology provides the ability:

- to **semantically integrate** reimbursement and clinical data to create a holistic 360-degree view of the patient across the continuum of clinical care.
- to **run analytics** on this data informed by clinical guidelines and evidence-based healthcare standards to identify the "gaps" and "overlaps" in the care of the patient, thus the standard of care.
- to **identify, segment, and stratify patient populations** based on a wide variety of variables – clinical, financial, and risk metrics.
- to **identify "intervenable variables"** that are highly correlated and predictive of key cost and quality drivers, e.g., ER-Visits, hospital readmissions, etc.

KnowMED enhances your organization

KnowMED technology enables healthcare organizations like yours to create one unified representation of your data from various sources (clinical data, financial data, claims data, research data, environmental data, etc.). You can then link this unified representation in real-time to other sources available on the web (such as drug safety data, clinical trials data, and other gene-phenotype-environment databases that may be available openly or by subscription).

Applications for KnowMED technology

KnowMED's flexibility is a powerful tool for use across your organization in applications such as:

- Comparative Effectiveness Research Lifecycles
- Clinical Trials
- Pharmacovigilance
- Biosurveillance
- And many more

Once you are linked using KnowMED's technology, we create sophisticated analytic models or simulations to leverage the data for a variety of use cases simultaneously, such as healthcare policy, finance, clinical decision support, and research.

Let KnowMED help you formulate, gather, link, and analyze your relevant data to improve patient quality and safety, efficiency and effectiveness, and overall population health.

Contact Us Today
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