IBM Explorys Electronic Health Record (EHR) Database

Confidently and efficiently generate the data-driven insights that you need to make business-critical decisions

How Users May Benefit

For life sciences organizations that require clinical insights, IBM® Explorys® offerings are real-world, near real-time, cloud-based clinical data assets and analytic solutions. They help industry professionals confidently and efficiently generate data-driven insights needed to make business-critical decisions across a range of functional areas including medical affairs, clinical development, health economics and outcomes research, epidemiology, and commercialization.

Rich Data > Deep Insights > Confident Decisions

Built upon clinical data, captured with breadth, depth, and completeness, the IBM Explorys offerings for life sciences tap a wealth of clinical information for more than 63 million unique patients. Deep, longitudinal data is available for these patients for an average of 3-4 years. The data also spans the continuum of care, from ambulatory to inpatient to specialty care. IDN, CIN, and ACO data sourcing provides a comprehensive picture of the patient experience, closing the gaps that plague other EMR-based data sets. An extensive curation process helps improve accuracy and facilitates analysis by transforming disparate data and mapping key elements to widely-accepted standards. This living data set uses a data collection system that combines data streamed from a diverse and growing array of large, integrated health delivery systems and community-based networks. As a result, it can uniquely enable near real-time analyses, data enrichment, and innovative, customized offerings.

Highlights:

- A rich, integrated, and growing living clinical data set that is HIPAA-enabled, including more than 63 million unique patients
- A comprehensive picture of the patient experience is provided with data sourcing from integrated delivery networks (IDNs), clinically integrated networks (CINs), and accountable care organizations (ACOs), closing the data gaps that plague other electronic medical record (EMR)-based data sets
- Extensive data curation, quality assurance, and quality control to strengthen data quality, accuracy, and harmonization
- Unique capabilities, including near real-time analyses, supported by strong relationships with an expanding group of providers
- Turnkey functionality and advanced data management through seamless partnering with IBM’s analytic tools and consulting services
- Cloud-based, security-rich platform for ease-of-access and flexibility
How the IBM Explorys Offerings for Life Sciences Can Help Your Organization

- Understand the complete patient experience, including treatment adherence
- Explore market dynamics and test business assumptions
- Support outcomes and quality-of-life modeling
- Conduct analyses that facilitate outcome-based contracting
- Focus research and development (R&D) efforts, optimize clinical trial protocols and enhance clinical trial enrollment and management
- Monitor product launches in near real-time and conduct post-marketing surveillance
- Assess impacts of regulatory and competitive changes

A Wealth of Clinical Information in a Living Data Set

- Streams partner IDN, CIN, and ACO data direction from a multitude of data sources, including clinical EMRs, community practice management systems, billing, adjudicated payer claims, HL7, enterprise data warehouse (EDW), and health information exchange (HIE) feeds.
- Provides readily available clinical information not typically found in other data sets, including provider interactions and behavior, deep laboratory results (including microbiology), vitals and biometrics, patient-reported outcomes, and implantable device details.
- Provides particularly rich data in major chronic disease areas, including cardiology, diabetes, immunology, infectious disease, and neurology.
- Constantly refines data to meet evolving client needs, with the ability to obtain additional data elements through direct connections to provider partners. Examples include microbiology data, implantable device data, and oncology information.

Efficient Generation of Real-World Data for Health Informatics

![Diagram showing flow of data generation and analysis in a health informatics context.](image)
The Smart Choice for Your Clinical Insight Needs

The IBM Explorys offerings for life sciences provide turnkey functionality and advanced data management capabilities through seamless partnering with IBM's first-class analytics, software, and consulting services, with the future addition of cognitive computing. The solutions offer flexible tools that can be scaled to meet specific and organization-wide objectives. As part of the IBM Watson Health digital ecosystem, the IBM Explorys offerings for life sciences are strongly supported by IBM's unparalleled experience, track record, and research and innovation. The goal is to provide the fully integrated information management solutions needed to succeed in today's rapidly changing healthcare environment.

IBM Explorys Data and Associated Tools

For More Information

To learn more about IBM Explorys EHR Database offerings for Life Sciences, please contact your IBM representative or visit the followig website: [http://www.ibm.com/watson/health/explorys/healthcare-analytics/](http://www.ibm.com/watson/health/explorys/healthcare-analytics/)