

IBM Explorys EM: Registry

Automated on-demand patient lists for managing care



Key benefits

- SaaS-based applications that enable rapid population management and performance measurement
- Utilize standard user interfaces and security
- Quickly identify target population and view data that help empower decision-making and risk stratified care management
- Easily send patient cohorts to IBM Watson Care Manager for targeted care management
- Process aggregated patient data from disparate EMR, billing, and claims systems
- Flexible UI with extensive registry definition language

Healthcare big data put to work

The IBM Explorlys EPM Application

The IBM® Explorlys® EPM Application Suite is a set of Software as a Service (SaaS)-based applications that enables rapid population management, performance measurement, and effective engagement and outreach to patients and providers. These applications were built to easily identify opportunities, measure performance toward objectives, help users, and engage providers, care coordinators, and patients.

Designed for off-the-shelf use, these applications were built to run on standard web browsers and utilize user interfaces and security mechanisms within a HIPAA-enabled framework.

On demand and up-to-date registries

IBM Explorlys EPM: Registry is an integrated framework for producing criteria-defined patient lists accompanied by extensive clinical, financial, and operational data. Whether you are interested in tracking at-risk populations, such as heart failure patients or patients belonging to a Medical Home, EPM: Registry allows you to quickly identify your target population and view data that helps empower decision-making and risk stratified care management. The flexible attribution models, business-rules engines, and sorting and filtering functions within Watson Health™ allow registries to be defined as broadly or narrowly as necessary to fit your operational needs.

Identifying high-risk patient cohorts for care management

Registry functionality provides multi-sort, comparative filtering on all data types in Registry, along with query building. This advanced sorting and filtering capability enables users to sort and filter within a Registry to define a specific patient cohort. If desired, through the integration between IBM Explorlys EPM Suite and IBM Watson Care Manager, this defined cohort, along with their demographic and clinical data, can be represented in IBM Watson Care Manager for enrolment in care management programs.

The power of the IBM Explorlys platform

EPM: Registry is supported by the powerful IBM Explorlys platform, which processes aggregated patient data from disparate EMR, billing, and claims systems. Running atop a common platform, EPM: Registry is integrated with the rest of the IBM Explorlys EPM suite of applications—IBM Explorlys EPM: Explore, IBM Explorlys EPM: Measure, and IBM Explorlys EPM: Engage—to provide an insightful holistic view of your patients and populations.

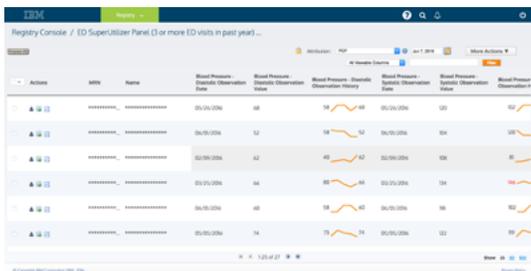


Figure 1: EPM: Registry detail displaying clinical data, risk scores, and trends over time

Flexible UI with extensive registry definition language

EPM: Registry displays a matrix of rows (patients) and columns (data elements). Columns can be added and removed as needed, and the data in the columns can be sorted and filtered. For reporting purposes, any registry can be downloaded as an Excel file.

EPM: Registry includes a Starter Pack of three registries: Diabetes, Heart Failure, and Hypertension. Working with the Watson Health content team, users can edit the starter pack registries or use the flexible Explorys EPM: Registry Definition Language (RDL) to build a registry from scratch.

About IBM Watson Health

Watson is the first commercially available cognitive computing capability representing a new era in computing. The system, delivered through the cloud, analyzes high volumes of data, understands complex questions posed in natural language, and proposes evidence-based answers. Watson continuously learns, gaining in value and knowledge over time, from previous interactions. In April 2015, the company launched IBM Watson Health and the Watson Health Cloud platform. The new unit works with doctors, researchers and insurers to help them innovate by surfacing insights from the massive amount of personal health data being created and shared daily. The Watson Health Cloud can mask patient identities and allow for information to be shared and combined with a dynamic and constantly growing aggregated view of clinical, research and social health data.

For more information on IBM Watson Health, visit: ibm.com/watsonhealth.

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