IBM® CareDiscovery® Electronic Quality Measures

Meet CMS Promoting Interoperability Program, Hospital Inpatient Quality Reporting and TJC ORYX® requirements for Clinical Quality Reporting - with one solution

Providing everything you need, every time:
- Understand data elements required for accurate eCQM calculations
- Perform gap analyses
- Upload data in a simple and secure manner
- Get reports you need — from measurement to trending
- Be ready for ongoing evolution of electronic reporting

The bottom line

IBM® CareDiscovery® Electronic Quality Measures from IBM Watson Health™ helps you take advantage of both Centers for Medicare & Medicaid Services (CMS) and The Joint Commission (TJC) electronic clinical quality measures (eCQM) reporting requirements.

The product accepts patient data from disparate electronic health record (EHR) systems, calculates measures, and generates measure results. Watson Health then submits the results to CMS and TJC.
How it works

**First: Excellence ensured – because data content is key**

Accurate calculation of the eCQM results is dependent on your hospital capturing the required data elements in the defined format in your electronic systems. Before you can determine if you’re correctly capturing the required data elements in your electronic systems, you must develop an understanding of these data elements and their formats and complete an analysis of the data elements currently available in your systems.

CareDiscovery Electronic Quality Measures provides a comprehensive data-submission manual that defines the data elements needed for calculation of the eCQMs. The manual is designed to assist your hospital in understanding data element definitions, associated value sets, and likely sources where those data elements may be available within electronic systems. It also assists in performing a gap analysis to identify any data elements not currently available in the EHR system(s).

**Second: Secure and simple – receiving your data**

After your hospital has performed a gap analysis and filled the data gaps, you will create an extract (input file) of the patient data from your EHR system(s) according to the specifications provided in the data manual. You will then submit that data to the CareDiscovery Electronic Quality Measures for calculation of the eCQMs. You can also upload the standard Quality Reporting Document Architecture (QRDA) file.

On receipt of the file, the application’s eMeasure calculation engine calculates the selected eCQMs for each case submitted. For cases where required data elements are missing or invalid, the application provides comprehensive error reporting.

**Our CQM and eCQM story**

Watson Health has been a leader in CMS and TJC quality reporting programs since their inception. Our core measures reporting solution, CareDiscovery Quality Measures, is used by more than 500 hospitals across the nation to meet their core measures reporting requirements. Our outstanding track record of accurate, on-time submission of clinical data to regulatory agencies, data collection and reporting tools, and comprehensive client services is known throughout the industry. Our eCQM reporting solution, CareDiscovery Electronic Quality Measures, helps hospitals meet the Promoting Interoperability Program requirement as well as the CMS and TJC electronic reporting requirement.

At Watson Health, we understand your short-term need to meet the Promoting Interoperability Program objective, but also believe that hospitals want to report accurate information and use it for performance improvement. Therefore our approach focuses on:
- Using the data to build intelligence about eCQMs
- Assisting hospitals in understanding the data elements and data results
- Identifying ways to gather the required data within existing hospital information systems (HIS)

This certified product version requires no additional cost to clients beyond the annual license fee, valid for the term of the contract and includes the use of the solution and ongoing support services. Changes made following implementation, including changes in the number of measures being reported (beyond the agreed upon number), the number of users (beyond the agreed upon number), or change in clients EMR may incur additional fees. The solution has no other known contractual, technical or practical limitations related to a particular certified capability.

This Health IT Module is 2015 Edition compliant and has been certified by an ONC-ACB in accordance with the applicable certification criteria adopted by the Secretary of Health and Human Services. This certification does not represent an endorsement by the U.S. Department of Health and Human Services.
Third: Analysis and reporting – every report you need

CareDiscovery Electronic Quality Measures provides a set of reports that help you analyze and understand your data quality and measure results.

Fourth: Getting the details right – electronic submissions

Watson Health will provide the operations support to submit eCQMs in the standardized electronic formats (QRDA) to CMS and TJC on behalf of your hospital. With more than 10 years of experience performing electronic submissions of core measures data to CMS and TJC on behalf of our client hospitals, we provide the same successful submission support to the eCQM reporting requirement.

Finally: Ensuring your compliance – the evolution of quality reporting

Watson Health recognizes that the quality reporting requirements for Promoting Interoperability, as well as other regulatory programs, are evolving. Similar to the process we use to keep our core measures solution updated, we will monitor these rapidly changing requirements and adapt or enhance the CareDiscovery Electronic Quality Measures solution to ensure that you remain in compliance with the latest regulations.

Data Quality Report
Detailed error reporting for all encounter records included in each data file submitted

Measure Summary Report
Aggregate numerators, denominators, exclusions and exceptions for each of the selected eCQMs

Measure Categorization Report
Specific measure categorization (whether a case was excluded from a measure, met the measure numerator criteria or failed to meet the numerator criteria) for each case submitted

Trend Report
View trending of measures and set custom benchmarks to identify organizational opportunities for improvement

Discrete data elements documented in EHR/HIS

Watson Health input data specification format or QRDA format

CareDiscovery Electronic Quality Measures
eCQM calculation engine

Numerator, denominators, exclusions, and exceptions for selected eCQMs

QRDA Category I file format for eCQM submissions

Hospital Summary Report

eCQM Submission to CMS & TJC (by Watson Health)

CMS & TJC
About IBM Watson Health

Each day, professionals throughout the health ecosystem make powerful progress toward a healthier future. At IBM Watson Health, we help them remove obstacles, optimize efforts and reveal new insights to support the people they serve. Working across the landscape, from payers and providers to governments and life sciences, we bring together deep health expertise; proven innovation; and the power of artificial intelligence to enable our customers to uncover, connect and act — as they work to solve health challenges for people everywhere.

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

For more information

Visit truvenhealth.com/healthplan or email us at watsonh@us.ibm.com.