

Product Analytics on Demand
 Developer Iatric Systems, Inc
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 Real-World Testing URL <https://new.iatric.com/real-world-testing>

2023 RWT Plan Report ID
 Analytics on Demand 20221117ia2

Real World Testing Plan Report ID, Analytics on Demand:

Changes to the Original Plan

Summary of Change	Reason	Impact
Testing period	To review and track quality measures with specification updates and updates made within our customers' EHR, the monitoring period into 2023-Q4.	Provide potential additional opportunities and time for customer/dev partners to make updates within their EHR as needed. Did not impact the overall testing plan.

Summary of Testing Method(s) and Key Findings

This document provides the iatricSystems Analytics on Demand, Clinical Quality Measure module for 2023 Real World Test (RWT) results. The overall expected outcome was to validate conformance to criteria 170.315 (c)(1) record and export, 170.315(c)(2) import and calculate, and 170.315(c)(3) report patient health data in the required file format for reporting measure data under 2015 Certified Edition software standards.

This RWT Plan was executed during Q2 through Q4 2023. It was found that customers were not utilizing the quality measure module. When there was no data available for specific measures or measures, the dashboard and reports would not display the measure as expected. If the customer had no patient data to support a measure or measures, then there would be no data to test.

Lastly, customer systems were confirmed to include sentinel-type software so that we can monitor for issues such as services not being active (data/files/messages, etc. not loading due to software not being active).

Real-World Testing criteria:

- 170.315 (c)(1): Clinical Quality Measures - Record and Export
- 170.315 (c)(2): Clinical Quality Measures - Import and Calculate
- 170.315 (c)(3): Clinical Quality Measures - Report

Short Name	Measure Name
ED-2	Median Admit Decision Time to ED Departure Time for Admitted Patients
PC-05	Exclusive Breast Milk Feeding
STK-2	Discharged on Antithrombotic Therapy
STK-3	Anticoagulation Therapy for Atrial Fibrillation/Flutter
STK-5	Antithrombotic Therapy by the End of Hospital Day 2
STK-6	Discharged on Statin Medication
VTE-1	Venous Thromboembolism Prophylaxis
VTE-2	Intensive Care Unit Venous Thromboembolism Prophylaxis
Safe Use of Opioids	Safe Use of Opioids – Concurrent Prescribing

Measurement/Metric	Associated Criterion(a)	Outcomes	Challenges Encountered
Measure 1: CQM record and export. Recorded necessary data and calculated quality measures. And, exported quality measure data files in QRDA 1 format for one or more patients that included the data captured for calculation.	170.315(c)(1) Record data and export	Data extracted from EHR to test record measure data for the ability to export single and multiple patients. In addition, customer live applications pull in test data to test multiple measures with the ability to clear data as needed. The customer test system is a copy of live that also pulls from live to test and compare. The customer did not use the application for an annual report to CMS.	None
Measure 2: CQM import and calculate. Imported necessary data and calculated each quality measure.	170.315 (c)(2) Import data and calculate	Imported data from customer systems to calculate and display data based on the quality measure data available from their data files/system. The customer did not have their medical record system updated for all measures. Measure data displayed measure, measure stats, and patient detail. Customer application live and test application connected to live medical record system. Confirmed system imported data successfully and calculated measures as expected. Measure detail available to support measure calculated results displayed. Data imported can be cleared and pulled as needed by the customer.	None
Measure 3: CQM report. Create a CQM report file for the transmission of clinical quality measurement data in QRDA I format.	170.315 (c)(3) Report	Found that customers are not utilizing the report feature within the application for their annual attestation submission to CMS or transmission needs. Application ability was tested further utilizing the customer test system (live application for testing) which pulls from their live. with testing, data to confirm successful file creation for transmission.	None

Testing results indicate measures most widely utilized for monitoring/tracking as seen below. Measures updated and calculated as seen below based on the measures chosen to track/monitor/report. Measures were updated as clinical quality data was received and calculated for dashboard/report display.

Proportional Measure Summary							
Measure: Stratification	IPP	Den	Den Exclusion	Den Exception	Numerator	Percentage	
Venous Thromboembolism Prophylaxis: 0 - Strat 0					0	0.00%	
Intensive Care Unit Venous Thromboembolism Prophylaxis: 0 - Strat 0	1,690	0	0	0	0	0.00%	

Continuous Measure Summary					
Measure Name	IPP	Measure...	Measure Po...	Score (Me...	
Median Admit Decision Time to ED Departure Time for Admitted Patients Stratification: 0	661	661	6	34	
Median Admit Decision Time to ED Departure Time for Admitted Patients Stratification: 1	227	227	1	41	
Median Admit Decision Time to ED Departure Time for Admitted Patients Stratification: 2	434	434	5	31	
Median Time from ED Arrival to ED Departure for Discharged ED Patients: 0 Stratification: 0	1,187	1,187	1,185	119	
Median Time from ED Arrival to ED Departure for Discharged ED Patients: 0 Stratification: B57245...	1,187	1,187	1,185	119	
Median Time from ED Arrival to ED Departure for Admitted ED Patients Stratification: 0	741	741	7	270	

- (c)(1) Clinical Quality Measures (CQMs) - Record and Export
- (c)(2) Clinical Quality Measures (CQMs) - Import and Calculate
- (c)(3) Clinical Quality Measures (CQMs) – Report

Measure data was successfully imported and calculated for monitoring as needed. However, no indication of the user(s) utilizing the export functionality to report measure data for their participation in the CMS-PI program. And the export capability was enabled without the need for us, the vendor, to intervene.

Standards and Updates

NA

Care Setting (list each care setting that was tested)

Hospital care setting.

Relied Upon Software

N/A

KEY MILESTONES

Initial Real-World Testing was initiated during Q2. Data collection and monitoring occurred 2023-Quarter 2-Quarter 4.

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