Real World Testing

2022 Results Report

MedOne Systems, LLC
401 Matthew Street Marietta, OH 45750
info@medonesystems.com

General Information

Plan Report ID Number:	
Product Name:	*BOLT*
Version Number:	*3.5*
Certified Health IT Product List (CHPL) Product Number:	15.04.04.1901.BOLT.03.02.1.211122
Developer Real World Testing (Plan and Results Report) Page URL:	*https://www.medonesystems.com/bolt-certification*

Changes to Original Plan

§ 170.315 (b)(2) Clinical Information Reconciliation and Incorporation	
Summary of Change	The BOLT Real World Testing Plan for 2022 indicated that this functionality would be tested at four different times in the year. However, testing of this functionality was not completed during the 2022 calendar year.
Reason	There was no adoption of the implemented functionality by the customer.
Impact	There was no impact on either care setting because the functionality was not used before the testing period either.
§ 170.315 (c)(1) Record and Export	
Summary of Change	Recording of relevant data for Electronic Clinical Quality Measures (eCQMs) and exporting of HL7 Quality Reporting Document Architecture Category I (QRDA I) documents occurred during the performance year 2022. However, the QRDA I file was not submitted to the Centers for Medicare and Medicaid Services (CMS) for performance evaluation. This resulted in a change to the original plan and in lieu of quarterly electronic validation of the files completed on the identified dates of the plan, three (3) quarters of data in QRDA I files were submitted to CMS via the Hospital Quality Reporting Portal for pre-submission test validation. The QRDA I files were successfully submitted and accepted by CMS via the pre-submission validation portal on 11/23/2022.
Reason	The care setting for Eligible Hospital Clinical Quality Measures is an Inpatient Rehabilitation Distinct Part Unit (DPU) in a Critical Access Hospital (CAH); therefore, the customer determined they would not be submitting the data based on the reporting and performance requirements for the care setting. Once it was determined the recording and exporting of QRDA I files would not be deployed or used for submission of performance to CMS, it was agreed the three (3) quarters of data would be tested using the pre-submission validation portal from CMS. This was a more effective way to evaluate the recording and exporting of files in a real-world scenario as opposed to using Cypress validation tools on a specified date.
Impact	This change to the plan had no impact on the care setting as the CMS pre-submission validation demonstrated that the data files generated were formatted in accordance with the standard version of the CMS QRDA Category I format for inpatient measures during performance year 2022. There was no impact to the Ambulatory care setting as a result of this change.

Summary of Testing Methods and Key Findings

Clinical Quality Measures were tested in a real-world scenario using a combination of manual auditing to confirm conformance to the recording and capturing of relevant data points for all certified eCQMs and electronic validation of QRDA files.

Manual auditing was applied using a systematic random sampling of patient data from QRDA files to evaluate compliance with §170.315 (c)(1) at quarterly intervals defined in the 2022 Real World Testing Plan.

Validation of exporting the QRDA I files were executed using Cypress validation tools to determine that files could be successfully submitted to the Centers for Medicare and Medicaid Services (CMS). Three of three (3/3) QRDA I files for Eligible Hospital Measures were exported and successfully submitted to CMS using the pre-submission validation tool. One of One (1/1) QRDA I and III files for Eligible Clinician Measures were exported and successfully tested using the validation tools.

Challenges included adoption or use by the customer. When functionality was not adopted, the real-world testing required adjustment to confirm compliance. No instances of non-conformity were identified during testing. These results demonstrate real-world interoperability and maintenance of the certification requirements as eCQM data was successfully recorded, exported, and submitted to CMS.

Standards Updates

The BOLT product does not include these voluntary standards.

Care Settings

Real World Testing was completed during 2022 for both Inpatient and Ambulatory care settings.

Metrics and Outcomes

Measurement/Metric	This criterion describes electronically recording relevant data for Clinical Quality Measures (CQMs) and exporting a data file according to the format described by the HL7 Quality Reporting Document Architecture Category I (QRDA I) for submission of the CQM data as required for participation in CMS programs.
Associated Criterion(a)	§ 170.315 (c)(1) Record and Export
Relied Upon Software	Dynamic Health IT (DHIT) - CQM Solution product
Outcomes	Successful generation and submission of three out of three (3/3) QRDA I file(s) validated by acceptance from CMS. Visual inspection of a random sampling of patient data from the QRDA file matched to patient data in the EHR (e.g., demographics, test results, problems, medications, immunizations, procedures).
Challenges Encountered	Manual inspection is time consuming. In the future, additional opportunities to automate processes will be identified and incorporated into testing. Challenges included adoption or use by the customer. When functionality was not adopted, the real-world testing required adjustment to confirm compliance.

Key Milestones

Key Milestone	*Care Setting*	*Date/Timeframe*
Validation of CQM Data Capture and QRDA files generation	Ambulatory	1/3/2022 4/4/2022 7/5/2022 10/3/2022
Validation of CQM Data Capture	Inpatient	1/3/2022 4/4/2022 7/5/2022 10/3/2022
Successful QRDA I file submission to CMS using the pre-validation submission tool	Inpatient	11/23/2022