Real World Testing Plan for MDinteractive

INTRODUCTION

The 21st Century Cures Act Final Rule mandates that health IT developers of certified health IT test the real-world use of health IT for interoperability, as defined by the 2015 Edition Certification

Criteria. The functionality and use cases included in this testing effort include

- (b)(10) Electronic Health Information Export
- (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

This test plan evaluates the real world usage of these criteria, while ensuring the least amount of disruption to providers. For information about how each certification criteria will be tested and measured, refer to section MEASURES USED IN OVERALL APPROACH.

GENERAL INFORMATION

- Plan Report ID Number: 20231106mdi
- Developer Name: MDinteractive
- Product Name(s): MDinteractive
- Version Number(s): 6
- Certified Health IT: 170.315 (b)(10), 170.315(c)1, 170.315(c)2 and 170.315(c)3
- Product List (CHPL) ID(s): 15.02.05.3080.MDIN.01.01.0.210924
- Developer Real World Testing Page URL: https://mdinteractive.com/ecqm

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

MDinteractive will focus on the aspects of these criteria that pertain to the actual activities of MDinteractive users in relation to patient reporting, eCQM calculation, and output. MDInteractive users import patient quality data into our registry, some of which can be formatted as eCQMs. MDinteractive collects QRDA I files from different EHRs, combines them to generate QRDA III files for reporting MIPS or PCF to QPP. To test our QRDA III generation functionality, we will utilize the QPP submission environment. If the QRDA III files are correctly formatted, they will be accepted by the QPP Submission API.

STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))

For CY 2024, we are not planning to make any version updates on approved standards through the SVAP process.

- Standard (and version) N/A
- Updated certification criteria and associated product N/A
- Health IT Module CHPL ID N/A
- Method used for standard update N/A
- Date of ONC-ACB notification N/A
- Date of customer notification (SVAP only) N/A
- Conformance measure N/A
- USCDI-updated certification criteria (and USCDI version) N/A

MEASURES USED IN OVERALL APPROACH

The measurements for our real-world testing plan are described below, each measurement contains:

- Description of the measurement/metric
- Associated ONC criteria
- Relied Upon Software
- Justification for the measurement/metric
- Care Setting
- Expected outcomes
- Care Setting
- Schedule of Key Milestones

In each measurement evaluated, we elaborate specifically on our justification for choosing this measure and the expected outcomes. All measurements were chosen to best evaluate compliance with the certification criteria.

RWT MEASURE #1. ELECTRONIC HEALTH INFORMATION EXPORT

DESCRIPTION OF MEASUREMENT/METRIC

For our test plan, we use the following methodology:

Logging: This methodology uses the logging and reporting capabilities of MDinteractive to examine functionality performed in the system.

ASSOCIATED CERTIFICATION CRITERIA

170.315(b)10

RELIED UPON SOFTWARE

Not applicable

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

This measure tracks the frequency of utilization for this interoperability feature. An increase in this measure signifies that the registry can generate EHI export functionalities for both individual patients and patient populations.

CARE SETTING(S)

This measure has been created for and will be executed within the ambulatory care environment.

EXPECTED OUTCOMES

We will obtain numerical results within a specified time frame, recording and reporting the number of EHI Exports conducted during a defined period, which could extend to a three (3) month duration or longer, including a representative sample from our client base. We will maintain a record of performance.

In the event that we observe little to no utilization of this criterion among our customer base, we may decide to evaluate this specific measure within our own production-sandbox environment, given the limited customer experience with this functionality.

The successful completion of this measure indicates that users possess a general understanding of the functional operations of the Registry for this module and overall satisfaction with the user experience. Non-completion of this measure may suggest a lack of understanding, potential underuse, or the absence of a genuine need for this functionality.

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Track number of EHI exports done	Outpatient clinics	Jan 2024-March 2024
Calculate and compile metrics	Outpatient clinics	Sep 2024
Submit RWT results to the certification body.	Outpatient clinics	Jan 15, 2025

RWT MEASURE #2. CLINICAL QUALITY MEASURES

DESCRIPTION OF MEASUREMENT/METRIC

For our test plan, we use the following methodology:

Logging: This methodology uses the logging and reporting capabilities of MDinteractive to examine functionality performed in the system. For example we will review error logs on the QPP submission environment.

ASSOCIATED CERTIFICATION CRITERIA

170.315(c)1, 170.315(c)2 and 170.315(c)3

RELIED UPON SOFTWARE

Not applicable

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

We are using QRDA I files from different EHRs and produce QRDA III files necessary to report MIPS or PCF. Files will be tested if they can be used for MIPS submission by using the QPP submission environment. Generating QRDA III that can be submitted to QPP is a critical need for the practice sites we support with our registry. They use this capability to report quality data to CMS. Because of this use case, we will create a RWT measure logging the number QRDA III files that can be converted and submitted to QPP without errors.
This measure will provide a numeric value to indicate both how often this feature is being used as well as its compliance to the submission requirements.

CARE SETTING(S)

MDinteractive eCQM reporting is primarily targeted to outpatient practices with internal medicine clinicians and our measures were designed for this setting in mind.

EXPECTED OUTCOMES

Medical groups may have many clinicians using multiple EHRs and they need to report quality to CMS by combining data across many practices and EHRs. MDinteractive will combine QRDA I files from multiple EHRs, remove duplicate patients and generate the QRDA III files necessary to report quality measures to CMS. QRDA III files will need to be tested against the QPP API submission environment and MDinteractive will log errors observed. We expect that 100% of files generated and submitted to the submission environment will not result in errors.

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Collect QRDA I files quality data from EHRs. Track number of clinicians and number of practices processed.	Outpatient clinics	Jan 2024
Convert files to QRDA III. Submit QRDA III files to QPP. Log % of files that have no submission errors.	Outpatient clinics	February 2024
Calculate and compile metrics	Outpatient clinics	Sep 2024
Submit RWT results to the certification body.	Outpatient clinics	Jan 15, 2025

ATTESTATION

This Real World Testing plan is complete with all required elements, including measures that address all certification criteria and care settings. All information in this plan is up to date and fully addresses the health IT developer's Real World Testing requirements.

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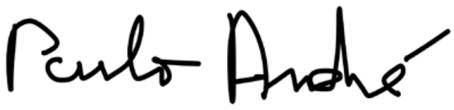

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