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REAL WORLD TESTING PLAN

Clinical Quality Measures (CQMs)

Abstract

This Real-World Testing plan demonstrate PracticeSuite's ability to calculate CQMs in real world settings and scenarios.

REAL WORLD TESTING PLAN

GENERAL INFORMATION

Plan Report ID Number: **20211020PRA**

Developer Name: **PracticeSuite, Inc**

Product Name(s): **PracticeSuite**

Version Number(s): **EHR-18.0.0**

Product List (CHPL) ID(s): **15.02.02.2198.A058.01.00.1.180306**

Developer Real World Testing Page URL: https://practicesuite.com/ehr-onc-certification/#real-world-testing-plan-2022

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

The Certified Heal IT Module is sold to multiple specialty care settings. For this reason, the Real-World Testing plan specific to CQMs applies to multiple care settings like Pain Management and Surgery. PracticeSuite EHR system supports CQM Import and Export, clinical data recording, calculation, and generation of aggregate report for each CQM. The goal of this testing approach is to demonstrate the ability of the application to generate CQMs. All criteria involving the CQM's will be tested, including § 170.315(c)(1): Clinical Quality Measures (CQMs) - Record and Export, § 170.315(c)(2): Clinical quality measures (CQMs) - Import and Calculate and § 170.315(c)(3): Clinical quality measures (CQMs) – Report.

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

Standard (and version)	Not Applicable
Updated certification criteria and associated product	Not Applicable
Method used for standard update	Not Applicable
USCDI-updated certification criteria (and USCDI version)	None

MEASURES USED IN OVERALL APPROACH

DESCRIPTION OF MEASUREMENT/METRIC

The following table lists the measures that have been identified to best demonstrate conformance to multiple certification criteria concerning the Clinical Quality Measures.

Use Case 1 (CQM): As part of the Real-World Testing requirements for § 170.315(c)(1), § 170.315(c)(2) and § 170.315(c)(3), the developer has developed the following metrics for their testing plan:

Measure 1: This measure will demonstrate the Clinical Quality Measure Reporting system that calculates and generate the aggregate report in both human readable and QRDA III file format for each CQM's based on the deduplicated clinical data that recorded in the EHR system and that imported to the system in QRDA I format. Also, system allows to export the CQM data in QRDA I file format. Associated certification criteria for the EHR system in a multi-specialty care setting include:

Certification Criteria	Requirement
§ 170.315(c)(1): Clinical Quality Measures (CQMs) - Record and Export	*(C)(1)(i) Record all necessary data to calculate CQMs*
	(C)(1)(ii) Export CQM data file in QRDA I format for one or more patients that includes all necessary data recorded for report calculation.
§ 170.315(c)(2): Clinical quality measures (CQMs) - Import and Calculate	*(C)(2)(i) Import a CQM data file in QRDA I format for one or more patients that includes all necessary data for calculating an aggregate report.*
	(C)(2)(ii) Calculates aggregate report for each CQM's based on the data recorded and received on the system
§ 170.315(c)(3): Clinical quality measures (CQMs) - Report	*(C)(3)(i) Electronically create a CQM data file for transmission of clinical quality measurement data in QRDA III format.*

- Justification: The EHR system can calculate and generate the report for various Clinical Quality Measures based on the clinical data recorded on the EHR system. Also, system have the functionality to Import and Export Clinical Quality Measure in QRDA I file format. The report is generated in both human readable and QRDA III file format based on both clinical data recorded on the EHR system as well as that received/imported to the system. While the record of all necessary data required for CQM's are recorded automatically during user input (during charting, user input etc), it is the time when a user generates QRDA import the system we will be able to determine the format and performance test. The generated QRDA samples collected during the testing process is verified against the conformant standards.

- Test methodology: EHR management logs, system logs, and activity logs, sample QRDA collected will be reviewed to determine the frequency used by providers for generating reports and sending/receiving CQM data files. Log files obtained during Real World Testing will be de-identified and used for analysis in several areas to validate the proper operation of CQM and input for the calculation of the metric.

- Expected outcome(s): It is expected that providers will be able to Record, Import, Export, Calculate and Generate the CQM reports without any developer assistance. Error rates will be tracked and trended over time.

CARE SETTING(S)

Pain Management, Surgery: The Certified Health IT Developer markets its modules in multiple care settings. The EHR system supports the CQM Report generation based on the data recorded. The Real-World testing will occur in these care settings.

EXPECTED OUTCOMES

- *Real World Testing will demonstrate the ability of the EHR system to record necessary data required to calculate the CQM's and to export CQM date in QRDA I format [§ 170.315(c)(1)]*
- *Real World Testing will demonstrate the ability of the system to import CQM data in QRDA I format. [§ 170.315(c)(2)]*
  Real World Testing will demonstrate the ability to calculate and generate the CQM report electronically in QRDA III file format. [§ 170.315(c)(3)]

SCHEDULE OF KEY MILESTONES

Key Milestone	Date/Timeframe
Release of documentation for the Real-World Testing to be provided to authorized representatives and providers. This includes surveys, specific instructions on what to look for, how to record issues encountered, and Customer Agreements.	Jan 31, 2022
Collection of information as laid out by the plan for the period.	January 15, 2022
Meet with previously identified providers and authorized representatives to ensure that Real World Testing protocols are effective.	Mar 2022
Follow-up with providers and authorized representatives on a regular basis to understand any issues arising with the data collection.	Quarterly, 2022
End of Real-World Testing period/final collection of all data for analysis.	January 1, 2023
Analysis and report creation.	Jan 15, 2023
Submit Real World Testing report to ACB (per their instructions)	Feb 1, 2023

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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Date:10/04/2021