ONC CERTIFIED IT
Real World Test Plan & Results
2022 Calendar Year

Product	AXEIUM
Version	MU3
CHPL ID	15.05.05.1171.BRIL.02.01.1.221219 (current)
	15.05.05.1171.BRIL.01.00.1.200110 (previous)
URL	http://axeium.com/rwt
Document	2022 RWTPR - Application Access v2023-01-15b.docx

Contents

Test Results

Changes to Original Plan

Changes to the the RWT approach as outlined in the Plan, if any.

Summary	n/a
Reason	
Impact	

Withdrawn Product

Products withdrawn during the past year that were outlined in the Plan, if any.

Product	n/a
Version	
CHPL ID	
Date	
Data Included	

Summary of Testing Methods & Key Findings

A summary of the testing method used, challenges encountered and lessons learned, and non-conformities discovered, if any.

> As the primary users of eCQMs in our domain setting are FQHC, we obtained permission and cooperation from our largest FQHC clinic that operates 4 physical facilities, including mobile units, which recorded 95,946 patient visits in CY 2022, and uses these features extensively throughout the year to monitor and improve their compliance with value-based medicine guideline.
>
> There were no challenges, or non-conformities. All certified CQMs were utilized and reported.

Standards Updates

Products certified with voluntary or optional SVAP and USCDI standards updates, if any.

Standard	n/a
Version	
Criteria affected	
CHPL ID	
Conformance Measure	

Care Setting

These test results are from transactions executed in a community health, outpatient, primary care setting.

Metrics and Outcomes

Testing measurements that demonstrate that the product is compliant with certification criteria and is exchanging HIE in the care setting.

Measurement	Record and Export CQM data Import and Calculate CQM data Report CQM data
Criteria	170.315(c)(1), (c)(2), (c)(3)
Outcome	This feature was used by the client under test. All certified CQMs were tested and all (100%) of the eCQMs tested performed as expected: (1) all encounters were automatically recorded, and all CQMs allow for manual user input; (2) users were able to follow the training guides to run and export the measure data without assistance; (3) there are no system restrictions as to when or how often users can run CQMs, and (4) while a QRDA export is an available option, client chose not to use it.

	eCQM Tested	Numerator	Denominator
CMS2	Preventive Care and Screening: Screening for Depression and Follow-Up Plan	1114	14355
CMS74	Primary Caries Prevention Intervention as Offered by Primary Care Providers, including Dentists	567	937
CMS75	Children Who Have Dental Decay or Cavities	1	937
CMS117	Childhood Immunization Status	16	88
CMS122	Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)	353	773
CMS124	Cervical Cancer Screening	1412	5717
CMS125	Breast Cancer Screening	70	2620
CMS165	Controlling High Blood Pressure	550	994

The certified criteria that are included in this test plan rely on the following 3rd party software, if any.

Product	n/a

Key Milestones

Information regarding how and when developer-implemented measures and collected data relevant to milestone that were met during the RWT process for the above referenced care setting.

Milestone	Timeframe
Obtain representative participation from clinic	2021 Q4
Project kickoff with team of internal and customer representatives	2022 Q1
Check for data collected	2022 Q2, Q3, Q4
Run final data collection for plan year, and prepare report	2023 Q1

Test Plan

Description of Interoperability-focused Functionality

This test plan was designed to test the real world use of the following certification criterion:

§170.315(c)(1)	Record and Export
	Ability to record and export the data needed to calculate each certified CQM

§170.315(c)(2)	Import and Calculate
	Ability to import a data in accordance with §170.205(h)(2) and use such data to calculate each certified CQM

§170.315(c)(3)	Report
	Ability to create a data file for ambulatory measures per CMS implementation guide for QRDA, category III

Use Case 1 - Process CQMs

The developer will work with the designated customer representatives to test the process of building and reporting Clinical Quality Measure reports.

Schedule of Testing Milestones

2021 Q4	Solicit customers to obtain representative participation
2022 Q1	Project kickoff with team of internal and customer representatives; Distribute procedures, and tracking tools, if needed
2022 Q2, Q3, Q4	Follow up with project team; Review data collected thru date, and adjust methodology if needed
2023-01-02	Run final data collection for plan year; Analyze and collate
2023-01-15	Report due to ACB

Standards Updates

Standards Updated	☒ N/A ☐ USCDI ☐ CCDA ☐ ASTM ☐ CQM
Updated Standard Version	N/A
Date of ONC ACB notice	N/A
Date of customer notice	N/A

Care Setting

AXEIUM is a patient-centric EHR system that is marketed to outpatient, community health centers that provide primary care services. Operationally speaking, there is no functional difference regardless of the specialty services offered by the clinics, if any, as such any and all ACB-certified features selected for testing are representative of all settings, regardless of specialty.

Measurements and/or Metrics

The testing process will document the ratio of success to failures observed for each certified CQM against each of the expected outcomes.

Expected Outcomes

It is expected that 100% of the certified CQMs (1) have either automatically recorded or allow for user input of the data necessary, (2) the collected data for which can be exported at any time without technical assistance, (3) the resultant measures from which can be calculated at any time, (4) the QRDA III result files for which can be exported for transmission, if desired.

Testing Methods/Methodologies

A manual log will be developed to tally the observations of success and failure for each CQM across each metric, which will be analyzed into pass/fail and percent success as applicable to the measure under evaluation.

Testing Approach Justification

The test plan measurements will provide an objective assessment of the functional demand for the certified criteria, as well whether the criteria work correctly.

The system logs will determine the real world use of these features. Where applicable, the measures in this test plan will produce a the success rate of the interoperability and functionality of the certification criteria in a production environment, as well the usability of the Health Measure screens will be indirectly validated while testing the criteria for manual recording and exporting during the testing process.

Change Log

Date	Author	Comment
2021.10.01	m. allione	Initial Document
2021.11.07	m. allione	Revise and improve the following sections: Standards, Care Settings, and Justification.
2023.01.15	m. allione	Add test results