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 - Transition Of Care 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Withdrawn Product

Products withdrawn during the past year that were outlined in the Plan, if any.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

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 to test the HIE exchange features.

While the manual processes logged little to no usage, because this facility is also interfacted to a local HIE that inbounds the ToC CCD each night for each locked encounter the batch, bulk process is in daily use, and provided substantial data to verifiy the real world testing of this criteria.

No challenges or non-conformities were uncovered.

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	CCD Import CCD Reconciliation CCD Export
Criteria	170.315(b)(1), (b)(2), (b)(6)
Outcome	CCD bulk import was used to inbound 3000+ patients for a practice that was acquired during the test period with only a handful of failures all of which were traced to missing/incomplete CCD data from the sending system. Export is currently automated to send a ToC CCD for each locked medical exam to a local HIE for which a random audit of transmitted data indicated 100% success.

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(b)(1)	CCD Import
	Ability to validate and display human readable, imported C-CDA documents

§170.315(b)(2)	CCD Reconciliation
	Ability to reconcile imported C-CDA data categories of active medications, allergies, and problems

§170.315(b)(6)	CCD Export
	Ability to create export documents based on user-selected combination of CCD categories

Use Case 1 - Import, Reconcile, and Export CCD

The developer will work with the designated customer representatives test the real world use of and experiences with the transition of care process and features.

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 use of namely the ratio of success to failures observed.

Expected Outcomes

For Imported documents, given the complexity of the CCD standard, it is expected that documents imported are from a certified source as such the percent of success should be high, and for those that are imported it is expected that the reconciliation success should be correspondingly high. For Exported documents, as that process is wholly controlled by system, it is expected to have a 100% success ratio.

Testing Methods/Methodologies

It is anticipated that this is a low to no-use process in community health care, as such, clinic staff will be requested to notify their testing manager in the event of a inbound CCD , or export request so that the process can be observed and scored. Scoring logs that track the usage and success or failure of each utilized ToC process will be analyzed for quantity, and quality. In the event that no real world documents are presented, the testers will need to source publically available documents to complete the test.

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. 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, and the usability of the Transition of Care screens will be indirectly validated 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.