CY 2025 Real World Testing Plan for ASPYRA

Executive Summary

This is the real world test plan for CY 2025 for our certified ASPYRA CyberLAB certified EHR solution. It is virtually the same as last year's approved real world test plan with only minor alterations and updates.

As with last year's plan, it provides the real world test measurements and metrics that meet the intent and objectives of ONC's Condition of Certification and Maintenance of Certification requirement for real world testing (§ 170.405 Real world testing). We believe these test methods will be appropriate and value in accessing certification criteria and interoperability of exchanging electronic health information (EHI) within the care and practice setting of customers.

We have included our timeline and milestones for completing the real world testing in CY 2025 and information about compliance with the SVAP updates.

Developer 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]

General Information

Plan Report ID Number: 20241030yra

Developer Name: ASPYRA

Product Name(s): CyberLAB

Version Numbers(s): 7.3.1

Certified Health IT Criteria: 315(f)(3)

Product List (CHPL) ID(s) and Link(s):

https://chpl.healthit.gov/#/listing/10518

15.05.05.1115.ASPY.01.00.0.201221

Developer Real World Testing Page URL: https://aspyra.com/cyberlab-onc-certification-and-costs/

Timeline and Milestones for Real World Testing CY 2025

- 1Q-2025: Health IT system is fully enabled for use in real world testing.
- 3Q-2025. Begin making plans to collect data for RWT measures. If necessary, engage clients to ask for their support and participation in real world testing.
- 4Q-2025. During the last quarter of the year, the CY 2026 real world test plan will be completed according to ONC and ONC-ACB requirements and expectations. Test plan will be prepared for submission.

Standards Version Advancement Process (SVAP) Standards Updates

For CY 2025, there are no eligible SVAP versions of adopted standards for the criteria to which we are certified.

Standard (and version)	No updates via SVAP are planned
Date of ONC-ACB notification (SVAP or USCDI)	N/A
Date of customer notification (SVAP only)	N/A
USCDI-updated certification criteria (and USCDI version)	N/A

Real World Testing Measurements

The measurements for our real world testing plan are described below. Each measurement contains:

- Associated ONC criteria
- Testing Methodology used
- Description of the measurement/metric
- Justification for the measurement/metric
- Expected outcomes in testing for the measurement/metric
- Number of client sites to use in testing (if applicable)
- Care settings which are targeted with the measurement/metric

In each measure, 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 and interoperability of exchanging electronic health information (EHI) within the certified EHR.

Per the ONC requirements, we have included at least one measurement/metric that addresses each applicable certification criterion in the Health IT Module's scope of certification.

Testing Methodologies

For each measurement, a testing methodology is used. For our test plan, we use the following methodologies.

> Reporting/Logging: This methodology uses the logging or reporting capabilities of the EHR to examine functionality performed in the system. This methodology often provides historical measurement reports which can be accessed at different times of the year and evaluate interoperability of EHR functionality, and it can serve as a benchmark for evaluating real world testing over multiple time intervals.

Care and Practice Settings Targeted

ASPYRA CyberLAB provides laboratory solutions to hospitals and clinics, and our real world testing measure is design for this setting in mind.

RWT Measure #1.   Number of Electronic Reportable Lab Messages Successfully Sent

Associated Criteria: 315(f)(3)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many electronic reportable messages are created and successfully sent from the EHR Module to a public health registry over the course of a given interval.

Measurement Justification

CyberLAB enables hospitals and standalone clinics to successfully provide electronic reportable lab messages to public health institutions. This measure provides several key data points to confirm and verify real world interoperability. First, it shows our lab system can successfully integrate with a 3rd party EHR. Second, it shows that patient data is shared and available to the public health institutions and registries. Third, it provides confirmation our lab system can work across different hospital sites and different registry targets.

This measure will provide a numeric value to indicate how often this feature is being used as well as its compliance with the requirement. A high number of successful transmissions indicates that our EHR can create a compliant electronic reportable lab message, including ability to record all clinical data elements, and by sending the message, the EHR demonstrates successful interoperability with a public health registry.

Measurement Expected Outcome

The measurement will include numeric results of both successful and error/failure transmissions with public health registries over a given interval. Our test report will include counts of both successful transmissions and error/failure transmissions, and we expect success rate to be above 95%. We expect our average site to successfully send over 3,000 messages. This would be aligned with past real world testing results.

Each public health registry connection has its own interface audit log, and we will create a scripting tool to extract exchange results from it. This will allow us to capture both successful transmission and errors or failures, and where possible record the cause of the error or failure.

A successful transmission will be documented by receiving a positive response from the public health registry or destination server. By successfully sending the message, the EHR will demonstrate our successful interoperability with a public health registry. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience.

If our error or failure rate exceeds our 5% threshold, we will investigate to determine if the cause is due to a non-compliance with our EHR, problem with the public registry itself, or other cause such as a user-driven error. We will investigate and determine the cause of the error/failures, and if they are the responsibility of CyberLab, we will make appropriate changes and notify our ONC-ACB as necessary.

Care Settings

ASPYRA CyberLAB provides laboratory solutions to hospitals and clinics, and our real world testing measure is design for this setting in mind.