

Real World Testing Plan Report ID,
20231206ia5

Product Electronic Case Reporting
 Developer Iatric Systems, Inc
 Version 1.0
 CHPL Product Number 15.05.05.2760.IECR.01.00.0.221229
 Real-World Testing URL <https://www.iatric.com/real-world-testing>

Public Health Reporting Solutions software (health IT module) provides healthcare providers with a method of transmitting electronic case reports to designed public health agencies for review and action. Electronic Case Reporting (eCR) is the automated generation and transmission of case reports from electronic health records (EHRs) to public health agencies (PHAs) for review and action. eCR reduces the burden on healthcare providers to accomplish their reporting requirements to public health and improves the timeliness and completeness of case reports at the local, state, and national levels.

Certified Health IT Module is marketed and actively in use by hospital healthcare settings. For this reason, the Real-World Testing plan will apply to a hospital setting. Criteria 170.315(f)(5) Transmission to Public Health Agencies – Electronic Case Reporting.

The criterion involved in this test will be 170.315(f)(5)

Standard (and version)	Specified as required by ONC Health IT Certification Program, <u>2015 Edition- Cures</u>
Date of ONC-ACB notification (SVAP or USCDI)	Not applicable
Date of customer notification (SVAP only)	Not applicable
USCDI-updated criteria	Not applicable

Overall expected outcomes will validate applications conformant to the software’s applicable criteria to exchange and transmit patient health data, patient matching to ensure accurate clinical information reconciliation, and create export summary as stipulated by the current 2015 Edition certification.

Key Milestone	Date/Timeframe
Initial Real-World Testing with current development healthcare facility partner where we have access to their system for testing and potential development using real patient data for real-world setting type testing.	1/15/24-3/31/24 (Q1)
Data collection and review as laid out by the plan to include follow-up with hospital partner	3/1/24-8/31/24 (Q2-Q3)
End of Real-World Testing Period with Results	January 2025
Analysis and Report Creation	January 2025
Submit Real World Testing Report to ACB	February 1, 2025*
<i>*Timeline may be adjusted based on ACB’s RWT Results due date</i>	

Measures Used

The following outlines the measures identified to best demonstrate conformance to certification criterion 170.315(f)(5).

Measure 1: Transmission of Electronic Case Reports - Create and send immunization records to an immunization registry.

Certification Criterion and Measurement	Requirement
170.315(f)(1) - Transmission to eCase Report	Consume and maintain a table of trigger codes to determine which encounters may be reportable. Match a patient visit or encounter to the trigger code based on the parameters of the trigger code table. Create a case report for electronic transmission: -Based on a matched trigger -To include: Data classes are expressed in the standards and Common Clinical Data Set. -Encounter diagnoses formatted to expected standards. -Provider information and reason for the visit. -Identifier representing the row and version of the trigger table triggering the case report.

Justification: In the hospital setting, we chose to focus on aspects of this criterion that would provide the most patient care value in an actual setting. Public health registries can be helpful to patient care, epidemiologists, and the government for identifying disease outbreaks, epidemics, pandemics, and potential monitoring of social disparities Testing Methodology:

Testing Methodology: 170.315(f)(5) Electronic Case Report Transmission

1. We will be using an existing customer system to validate the successful creation of a message of identified reportable encounters triggered for criterion 170.315(f)(5).
2. We will use the routines used by software for customers to validate the messages created.
3. We will validate the content of the messages to match the data for the identified patient in their system and verify the accuracy of the data.

Expected Outcome: It is expected that the data transmitted will be identical with that of the data received and the data will be successfully processed by the receiving entity. This will be confirmed by the validation websites. Testing results to confirm conformance to 2015 Certified Edition requirements. Error rates are tracked and analyzed over time.

This Real-World Testing plan is complete will required elements, including measures that addresses 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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