CY 2023 Real World Testing Report for Pulse

Executive Summary

This is the test report for CY 2023 real world testing for our Pulse certified EHR. This is the companion document to our CY 2023 real world test plan that described our approach for conducting real world testing in CY 2023 and the testing measures we employed.

Our findings show that EHR is working as it was certified. For each our CY 2023 Real World Testing Measures, we have recorded our results and findings. We did not discover any non-conformities or errors.

Our signed attestation of compliance with the real world testing requirements is on the following page.

Developer Attestation

This Real World Testing report 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.

Authorized Representative Signature:

DATE

General Information

Plan Report ID Number: Pulse-RWT-2023

Developer Name: Pulse Systems, Inc

Product Name(s): Pulse EHR

Version Numbers(s): 8.01

> NOTE – Version 8.01 is the inherited from version 6.0 which was listed in CY 2023 RWT Test Plan

Certified Health IT Criteria: 315(b)(1)-(3), (b)(6), (c)(1), (f)(1), (f)(3), (h)(1)

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

- 15.04.04.2837.Puls.08.02.1.231206
- https://chpl.healthit.gov/#/listing/11391

Developer Real World Testing Page URL: https://harrisambulatory.com/pulse-real-world-testing/

Timeline and Milestones for Real World Testing CY 2023

- Milestone 1Q-2023: Begin communication with clients to ask for their support and participation in real world testing. The goal is to have a sufficient number of clients committed for real world testing by the end of 1Q-2023.
  - STATUS: Delayed until 4Q because of work on Cures certification. Completed in 4Q.
- Milestone 2Q-3Q 2023. During the 2nd and 3rd quarter of CY 2023, the real world testing with clients will be scheduled and performed. It is expected that a preparatory call will be done with clients to prepare them for testing activities. Results will be documented in the test results section of the test methods and ultimately used to build the test report. If any non-compliances are observed, we will notify the ONC-ACB of the findings and make the necessary changes required.
  - STATUS: Delayed until 4Q because of work on Cures certification. Completed in 4Q.
- Milestone 4Q-2023. During the last quarter of the year, the CY 2024 real world test plan will be completed according to ONC and ONC-ACB requirements and expectations. Test plan will be prepared for submission before the end of the year.
  - STATUS: MET
- Milestone 1Q-2024. Submit RWT Test Report to ONC-ACB.
  - STATUS: MET

Standards Version Advancement Process (SVAP) Updates

For CY 2023 RWT testing, we tested with USCDI v1.

Standard (and version)	USCDI v1
Updated certification criteria and associated product	b1, b2
Health IT Module CHPL ID	15.04.04.2837.Puls.08.02.1.231206
Conformance measure	Measure 1 for b1 Measure 2 for b2 Measure 9 for b1

RWT Measure #1.   Number of Transition of Care C-CDAs Successfully Sent

Associated Criteria: 315(b)(1), 315(h)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many C-CDAs are created and successfully sent from the EHR Module to a 3rd party during a transition of care event over the course of a given interval.

Care Settings

Our EHR is targeted to a variety of care settings including family practice, internal medicine, general practice, pediatrics, and some other settings in ambulatory care.

Testing Results

Clinics Queried: 2

Testing Interval: 3 Months

Testing Metric/Measurement: Number of C-CDA Successfully Sent

   Total C-CDA Sent for both Clinics: 3

Analysis and Key Findings

Our clients do not regularly share data through C-CDA files so we only have a few records of exchanged C-CDAs. To supplement this, we did conformance testing internally in a production-adjacent environment and verified our Module functionality is still working as certified.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.

RWT Measure #2.　　Number of C-CDAs Received and/or Incorporated

Associated Criteria: 315(b)(2)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many C-CDAs are successfully received and/or incorporated upon receipt from a 3rd party via Direct messaging during a transition of care event over the course of a given interval.

Care Settings

Our EHR is targeted to a variety of care settings including family practice, internal medicine, general practice, pediatrics, and some other settings in ambulatory care.

Testing Results

Clinics Queried: 2

Testing Interval: 3 Months

Testing Metric/Measurement: Number of C-CDAs Received and/or Incorporated

　　　Total C-CDA Received for all Clinics: 0

Analysis and Key Findings

Our clients do not regularly share data through C-CDA files so we do not have any records of received C-CDAs. To supplement this, we did conformance testing internally in a production-adjacent environment and verified our Module functionality is still working as certified.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.

RWT Measure #3.   Number of NewRx Prescriptions Messages Successfully Sent

Associated Criteria: 315(b)(3)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many NewRx electronic prescriptions were created and successfully sent from the EHR Module to a pharmacy destination over the course of a given interval.

Care Settings

Our EHR is targeted to a variety of care settings including family practice, internal medicine, general practice, pediatrics, and some other settings in ambulatory care.

Testing Results

Clinics Queried: 2

Testing Interval: 3 Months

Testing Metric/Measurement: Number of NewRx Prescriptions Messages Sent

　　　Total for both Clinics: 1050

Analysis and Key Findings

Our electronic prescribing functionality is very popular and widely used with nearly 100% of all eligible prescriptions sent electronically. It also showed our integration with our relied upon software Surescripts ePrescribing was working as intended.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.

RWT Measure #4.   Number of CancelRx Prescriptions Messages Successfully Sent

Associated Criteria: 315(b)(3)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many CancelRx electronic prescriptions were created and successfully sent from the EHR Module to a pharmacy destination over the course of a given interval.

Care Settings

Our EHR is targeted to a variety of care settings including family practice, internal medicine, general practice, pediatrics, and some other settings in ambulatory care.

Testing Results

Clinics Queried: 2

Testing Interval: 3 Months

Testing Metric/Measurement: Number of CancelRx Prescriptions Messages Sent

     Total for all Clinics: 0

Analysis and Key Findings

While creating new prescriptions electronically is very common, our providers are not using the electronic cancel prescription functionality in their normal workflows as it is not a common need. However, we believe functionality is working as is our integration with our relied upon software Surescripts ePrescribing.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.

RWT Measure #5.   Number of Patient Batch Exports Run

Associated Criteria: 315(b)(6)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many batch exports of C-CDAs were successfully performed by the EHR Module over the course of a given interval.

Care Settings

Our EHR is targeted to a variety of care settings including family practice, internal medicine, general practice, pediatrics, and some other settings in ambulatory care.

Testing Results

Clinics Queried: 2

Testing Interval: 3 Months

Testing Metric/Measurement: Number of Batch C-CDAs Exports Run

Total C-CDA Sent for all Clinics: 0

Analysis and Key Findings

Our clients do not regularly share data through C-CDA files so we do not have any records of batch export C-CDAs. To supplement this, we did conformance testing internally in a production-adjacent environment and verified our Module functionality is still working as certified.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.

RWT Measure #6. Number of Quality Measures Successfully Reported on to CMS

Associated Criteria: 315(c)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many eCQM quality measures were successfully reported on by the EHR Module to CMS during their submission period for MIPS Quality reporting.

Care Settings

Our EHR is targeted to a variety of care settings including family practice, internal medicine, general practice, pediatrics, and some other settings in ambulatory care.

Testing Results

Clinics Queried: 2

Testing Interval: 12 Months

Testing Metric/Measurement: Number Quality Measures Reported

eCQMs Submitted from Pulse: CMS68v12, CMS 127v10

Analysis and Key Findings

Our clients report on quality measures using other methods besides our eCQMs, such as registries. However, two of their quality measures were eCQMs from our EHR, and they submitted them without error or issue.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.

RWT Measure #7.   Engagement with IIS/Immunization Registries

Associated Criteria: 315(f)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many immunization registries are connected and engaged with bi-directional exchange capabilities with the EHR Module.

Care Settings

Our EHR is targeted to a variety of care settings including family practice, internal medicine, general practice, pediatrics, and some other settings in ambulatory care.

Testing Results

Clinics Queried: 2

Testing Metric/Measurement: Number of IIS/Immunization Registries Engaged With

> *Total: 2 PHAs (one for each clinic)*

Analysis and Key Findings

Our results reveal our EHR Module functionality is working as expected.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

RWT Measure #8.   Engagement with Electronic Reportable Lab Registries

Associated Criteria: 315(f)(3)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many electronic reportable lab registries are connected and engaged with bi-directional exchange capabilities with the EHR Module.

Care Settings

Our EHR is targeted to a variety of care settings including family practice, internal medicine, general practice, pediatrics, and some other settings in ambulatory care.

Testing Results

Clinics Queried: 2

Testing Metric/Measurement: Number of IIS/Immunization Registries Engaged With

      Total: 4 PHAs (twofor each clinic)

Analysis and Key Findings

Our results reveal our EHR Module functionality is working as expected.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

RWT Measure #9.   Compliance of C-CDA Creation and C-CDA Scorecard Average

Associated Criteria: 315(b)(1)

Testing Methodology: Compliance and Tool

Measurement Description

This measure is tracking compliance the EHR Module criteria functionality of creating a C-CDA and measuring its C-CDA Scorecard average.

Care Settings

Our EHR is targeted to a variety of care settings including family practice, internal medicine, general practice, pediatrics, and some other settings in ambulatory care.

Testing Results and Changes for this Measure from Original RWT Test Plan

Testing Metric/Measurement: C-CDA Creation and C-CDA Scorecard Average Metric

Tested multiple C-CDA Records.

Average Scorecard Result – 68

Errors Detected – 0

Analysis and Key Findings

This test was done using simulated patient data in mirrored production settings. Our results reveal this certified EHR module is working as certified and scores at slightly below average value compared to the industry benchmark.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.