



CY 2023 Real World Testing Report for ChartEasy

Executive Summary

This is the test report for CY 2023 real world testing for ChartEasy™, a certified EHR solution from Theoria Medical. 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 as no errors or non-compliances were observed. We did make some adjustments and add in some compliance testing as several of our measures had metrics of "0" results because our clinician users do not perform the certified functionality in their daily workflows.

For each our CY 2023 Real World Testing Measures, we have recorded our results and findings. If any non-conformities or errors were encountered, we noted them.

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. All information in this report is up to date and fully addresses the health IT developer's Real World Testing requirements.

Authorized Representative Name: Arghavan DiRezze

[SIGNATURE]

A handwritten signature in black ink, appearing to read "Arghavan DiRezze", written over a horizontal line.

DATE 1/29/2024

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General Information

Developer Name: Theoria Medical, PLLC

Product Name(s): ChartEasy

Version Numbers(s): 1.1

Certified Health IT Criteria: 315(b)(1), (b)(2); (c)(1)-(c)(3); (e)(1); (g)(7), (9)-(10); (h)(1)

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

- 15.04.04.3091.Char.01.00.1.211108
- <https://chpl.healthit.gov/#/listing/10712>

Developer Real World Testing Page URL: <https://theoriamedical.com/ehr-certificate>

Timeline and Milestones for Real World Testing CY 2023

- Milestone 1Q-2023: Begin assigning internal allocation of resources for the RWT test effort.
 - STATUS: MET
- 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: MET
- Milestone 4Q-2023. During the last quarter of the year, the CY 2023 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, e1, g9, g10
Health IT Module CHPL ID	15.04.04.3091.Char.01.00.1.211108
Conformance measure	Measure 1 for b1 Measure 2 for b2 Measure 3 for e1 Measure 5 for g9, g10



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

Associated Criteria: 315(b)(1), (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 via Direct messaging during a transition of care event over the course of a given interval.

The interval for this measure will be a minimum of 3 months.

Care Settings and Number of Clients Site to Test

This measure tests the ambulatory care setting that we support and target. ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test within our clinician's workflow.

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

Our users currently do not share clinical data via the C-CDA and Direct messaging, so our metric results were 0. We used log reporting across all user accounts to determine our results. Our users have elected to use alternative APIs (non-FHIR) for their data exchange.

However, to verify the capabilities still work in a production environment, we made an adjustment to our testing and added a compliance inspection test. We created test patients and exported them as C-CDA records. We then validated them for compliance and coverage of USCDI v1 data elements. We also confirmed our relied upon software HISP EMR Direct was able to perform our Direct exchange capabilities.

Analysis and Key Findings

In our testing, we did confirm that our users do not utilize C-CDA exchange. Our EHR is only used by one healthcare provider (ourselves) and our providers are not sending/receiving C-CDAs thus far.

Non-Conformities or Errors Discovered

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

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.



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.

The interval for this measure will be a minimum of 3 months.

Care Settings and Number of Clients Site to Test

This measure tests the ambulatory care setting that we support and target. ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test within our clinician's workflow.

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

Our users currently do not share clinical data via the C-CDA and Direct messaging, so our metric results were 0. We used log reporting across all user accounts to determine our results. Our users have elected to use alternative APIs (non-FHIR) for their data exchange.

However, to verify the capabilities still work in a production environment, we made an adjustment to our testing and added a compliance inspection test. We verified we can take problems, medications, and allergies from a C-CDA and incorporate them into a patient record is needed.

Analysis and Key Findings

Our users do update their problem list, medication list, and allergies lists from 3rd party exchanges, but the data source does not originate from C-CDAs.

Non-Conformities or Errors Discovered

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



**RWT Measure #3. Number of Patients Given Access to Portal
Associated Criteria**

Associated Criteria: 315(e)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many patients are given login access to their patient portal account over the course of a given interval.

The interval for this measure will be a minimum of 3 months.

Care Settings and Number of Clients Site to Test

This measure tests the ambulatory care setting that we support and target. ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test within our clinician's workflow.

Testing Results

Reporting Interval: 3 months (October 1, 2023 through December 31 2023)

Testing Metric/Measurement: Number of Patients Who Access or Logged into Patient Portal

Total: 1,061

Analysis and Key Findings

Our results reveal our patient portal is extremely popular and widely used.

Non-Conformities or Errors Discovered

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

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RWT Measure #4. Compliance of QRDA Cat III with CVU+ Tool
Associated Criteria: 315(c)(1)-(c)(3)

Testing Methodology: Compliance Test Tool

Measurement Description

This measure is tracking compliance of the EHR Module criteria functionality of creating a QRDA Cat III and verify its compliance with the CVU+ tool.

Care Settings and Number of Clients Site to Test

This measure tests the ambulatory care setting that we support and target. ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test within our clinician's workflow.

Testing Results

Because our users do not submit eCQMs to CMS, we are using the CVU+ Tool, developed by MITRE for real world QRDA Cat III evaluation to evaluate our real world compliance of eCQMs. We tested against CMS measures 2, 68, 69, 122, 127, 139, 149, 156, 165. We had 83,191 patients included in the respective QRDA Cat III file, and we did not have any errors in its format. We use our integration with our relied upon software Dynamic Health IT-CQM solution (Version 6.0) to obtain the QRDA Cat III file.

Analysis and Key Findings

No key findings.

Non-Conformities or Errors Discovered

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



RWT Measure #5. Number of Different applications/3rd Party Systems using our FHIR API

Associated Criteria: 315(g)(7), (g)(9), (g)(10)

Testing Methodology: Reporting/Logging

Measurement Description

This is a survey measure to determine how many different systems or applications are connecting to our EHR via the FHIR API.

Care Settings and Number of Clients Site to Test

This measure tests the ambulatory care setting that we support and target. ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test within our clinician's workflow.

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

We did not have any developers use our API functionality in CY 2023 so our metrics for this measure are 0. Given that, we made an alteration to add a compliance test of our FHIR API using simulated test patient data and the Inferno test tool. We were able to successfully confirm our FHIR API works in a production setting.

Analysis and Key Findings

While we do not yet have any FHIR applications using our APIs in production, our results indicate they should be able to successfully connect with our server.

Non-Conformities or Errors Discovered

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