



# CY 2024 Real World Testing Report for ChartEasy

## Executive Summary

This is the test report for CY 2024 real world testing for ChartEasy™, a certified EHR solution from Theoria Medical. This is the companion document to our CY 2024 real world test plan that described our approach for conducting real world testing in CY 2024 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 on some measures and added in some compliance testing as several of our measures had "0" results because our clinician users do not perform the certified functionality in their daily workflows.

For each of our CY 2024 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: Michelle Nemiada

A handwritten signature in black ink that reads "Mnemida".

February 27, 2025

DATE

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— MEDICAL —

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## General Information

Developer Name: Theoria Medical, PLLC

Product Name(s): ChartEasy

Version Numbers(s): 1.5 and 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):

- Vs. 1.5
  - 15.04.04.3091.Char.01.01.1.241204
  - <https://chpl.healthit.gov/#/listing/11542>
- Vs. 1.1
  - 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 2024

- Milestone 1Q-2024: Begin assigning internal allocation of resources for the RWT test effort.
  - STATUS: MET
- Milestone 2Q-3Q 2024. During the 2<sup>nd</sup> and 3<sup>rd</sup> quarter of CY 2024, 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-2024. 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-2025. Submit RWT Test Report to ONC-ACB.
  - STATUS: MET



## Standards Version Advancement Process (SVAP) Updates

For CY 2024 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

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### 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 Health IT Module to a 3<sup>rd</sup> 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

ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test with our clinicians in the Theoria Medical practice setting.

#### 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 two test patients and exported them as C-CDA records. We then validated them using a C-CDA test tool for compliance and coverage of USCDI v1 data elements. We used the [ONC C-CDA Scorecard](#) to examine their performance, and we received an average score of 72 out of 100 which is actually quite good with the current version of the Scorecard tool.

We also confirmed our relied upon software HISP EMR Direct was able to perform our Direct exchange capabilities. We sent one (1) Direct message to one (1) destination Direct address and received back a one successful response indicating 100% success (1/1).

#### 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. However, we also feel our C-CDA is capturing all required patient data and is viable for data exchange if that opportunity and the need arises.

#### Non-Conformities or Errors Discovered

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

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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

ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test with our clinicians in the Theoria Medical practice setting.

### 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.

We used two (2) different synthetic test C-CDA files and incorporated them into the system. We used reconciliation capabilities to merge the two (2) problems, two (2) medications, and one (1) allergy from the C-CDA into their respective active lists. All seven (7) of the imports were added for a 100% success rate (7/7).

### Analysis and Key Findings

Our users do update their problem list, medication list, and allergies lists from 3<sup>rd</sup> 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.



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### 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

ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test with our clinicians in the Theoria Medical practice setting.

#### Testing Results

*Reporting Interval: 3 months (October 1, 2024 through December 31 2024)*

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

*Total: 1,177*

#### Analysis and Key Findings

Our results reveal our patient portal is extremely popular and widely used. Our results are up nearly 10% compared to last year's report.

#### 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 Health IT Module criteria functionality of creating a QRDA Cat III and verify its compliance with the CVU+ tool.

### Care Settings

ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test with our clinicians in the Theoria Medical practice setting.

### 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 22, 68, 122, 128, 138, and 139, and we did not have any errors.

Using one synthetic patient file, we added data to the chart covering the six (6) measures above. We then exported the file and uploaded it to the CVU+ tool. We used the HL7 Cat III (R1) Test validation option in the CVU+ tool. It reported 0 errors and 6 warnings indicating a QRDA Cat III compliant file. Our integration with our relied upon software Dynamic Health IT-CQM solution (Version 6.0) it necessary to obtain the QRDA Cat III file, and this result reveals the CQM solution is working with our application.

### Analysis and Key Findings

While we don't currently submit eCQMs, the results do give us a assurance our relied upon software partner still allows us to produce compliant and accurate eCQM files which may be of use in the future for production needs.

### Non-Conformities or Errors Discovered

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

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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

ChartEasy is designed solely for the internal use of our Theoria Medical providers, and we conducted this test with our clinicians in the Theoria Medical practice setting.

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

We did not have any developers use our API functionality in CY 2024 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 used one synthetic test patient and tested with the Inferno (g)(10) API kit using US Core vs 3.1.1 and SMART App Launch 1.0. We tested 32 of the test profiles, and all 32 passed without error for 100% success rate (32/32).

### 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.