



CY 2022 Real World Testing Report for AmazingCharts

Executive Summary

This is the test report for CY 2022 real world testing for AmazingCharts certified EHR solution. This is the companion document to our CY 2022 real world test plan that described our approach for conducting real world testing in CY 2022 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. Results do indicate the functionality that is widely used, like patient portal, electronic prescription, and immunization history querying verse that which is not used, such as QRDA Cat I importing and electronic canceling of prescriptions.

For each our CY 2022 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, 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 Name: Jim Costa

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Authorized Representative Signature:

A handwritten signature in black ink that reads "Jim Costa". The signature is written in a cursive style with a long horizontal line extending to the right.

01/31/2023



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General Information

Plan Report ID Number: RWT-AmazingCharts-2022

Developer Name: CareTracker, Inc.

Product Name(s): AmazingCharts

Certified Health IT Criteria: 315(b)(1)-(3), (b)(6), (c)(1)-(4), (f)(1), (g)(7)-(9)

Active Version Number(s), Product List (CHPL) ID(s) and Link(s):

This version was used in RWT testing for CY 2022.

- Vs. 11.2
 - 15.04.04.1206.Amaz.11.04.1.220321
 - <https://chpl.healthit.gov/#/listing/10873>

Withdrawn Version Number(s), Product List (CHPL) ID(s) and Link(s):

These versions were NOT used in RWT testing for CY 2022.

- Vs. 11.1
 - 15.04.04.1206.Amaz.11.03.1.200202
 - <https://chpl.healthit.gov/#/listing/10304>
- Vs. 10.2
 - 15.04.04.1206.Amaz.10.02.1.190404
 - <https://chpl.healthit.gov/#/listing/9991>
- Vs. 10.1
 - 15.04.04.1206.Amaz.10.01.1.180801
 - <https://chpl.healthit.gov/#/listing/9745>
- Vs. 10
 - 15.04.04.1206.Amaz.10.00.1.180608
 - <https://chpl.healthit.gov/#/listing/9543>

Developer Real World Testing Page URL: <http://amazingcharts.com/macra/meaningful-use/ehr-certification/>



Timeline and Milestones for Real World Testing CY 2022

- Milestone 1Q-2022: 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-2022.
 - STATUS: MET
- Milestone 2Q-3Q 2022. During the 2nd and 3rd quarter of CY 2022, 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-2022. 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-2023. Submit RWT Test Report to ONC-ACB.
 - STATUS: MET



Standards Version Advancement Process (SVAP) Updates

For CY 2022 RWT testing, we did not do any SVAP updates.

Standard (and version)	N/A
Updated certification criteria and associated product	N/A
Health IT Module CHPL ID	N/A
Method used for standard update	N/A
Date of ONC-ACB notification	N/A
Date of customer notification (SVAP only)	N/A
Conformance measure	N/A
USCDI-updated certification criteria (and USCDI version)	N/A



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

Associated Criteria: 315(b)(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.

Care Settings

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Reporting Interval: 3 months (January 1, 2022 through March 31, 2022)

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

Average Result: 0

We added a compliance test to conform it functionality. We tested in a simulated production setting. In this test, we used our relied upon software Updox Direct 2016 HISP to deliver our C-CDAs to ONC ETT test tool and verified it passed without errors.

Analysis and Key Findings

Our clients do not regularly share data through C-CDA files so we have no records of Direct exchange C-CDAs. Because of this, we added a compliance test to confirm the functionality is working in product, and 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.



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

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Reporting Interval: 3 months (January 1, 2022 through March 31, 2022)

Testing Metric/Measurement: successfully received and/or incorporated upon receipt from a 3rd party via Direct messaging during a transition of care event

Average Result: 0

We added a compliance test to conform it functionality. We tested in a simulated production setting. In this test, we used our relied upon software Updox Direct 2016 HISP to deliver C-CDA to our EHR and incorporate the problems, medications, and allergies from the C-CDA into the EHR.

Analysis and Key Findings

Our clients do not regularly share data through C-CDA files so we have no records of Direct exchange C-CDAs. Because of this, we added a compliance test to confirm the functionality is working in product, and 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.



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

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Reporting Interval: 3 months (January 1, 2022 through March 31, 2022)

Testing Metric/Measurement: number of NewRx electronic prescriptions created and successfully sent to a pharmacy destination over the course of a given interval

Total Prescriptions: 2172

Total Electronic Prescriptions: 96

We did not make any change to our original RWT Test Plan measure.

Analysis and Key Findings

Our results reveal our EHR Module functionality is working as expected, but it also shows that our providers are not always electing to use electronic prescribing over paper prescriptions. We will look into this and see how we can further encourage its use as it is functionality correctly and without errors.

Non-Conformities or Errors Discovered

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



RWT Measure #4. eRx capabilities for controlled substances

Associated Criteria: 315(b)(3)

Testing Methodology: Reporting

Measurement Description

This is a measure to determine how often providers are electronically prescribing controlled medications from the EHR.

Care Settings

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

Testing Results

We queried some providers to gauge their use of electronic prescribing controlled substances. The results were split with half indicating they regularly use this feature while the other half indicated they rarely do.

We did not make any change to our original RWT Test Plan measure.

Analysis and Key Findings

Our results reveal our EHR Module functionality is working as expected, but it also shows use of e-Prescribing for controlled substances is not consistent across our clinician customers but varies based on specific clinician's needs.

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 #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

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Reporting Interval: 3 months (January 1, 2022 through March 31, 2022)

Testing Metric/Measurement: number of batch export events performed over the course of a given interval

Average Result: 0

We added a compliance test to confirm it functionality. We tested in a simulated production setting. In this test, we were able to confirm batch exporting functionality works as it was certified.

Analysis and Key Findings

Our clients do not regularly share bulk patient data as C-CDAs. Because of this, we added a compliance test to confirm the functionality is working in product, and 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.



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

Associated Criteria: 315(c)(1)-(c)(4)

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

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Testing Metric/Measurement: how many eCQM quality measures were successfully reported to CMS over the course of a given interval.

6 CQMs: CMS2v10, CMS125v9, CMS130v9, CMS134v9, CMS138v9, CMS165v9

We did not make any change to our original RWT Test Plan measure.

Analysis and Key Findings

Not every client participates in MIPS, but those who do did not report any errors with their eCQM reporting.

Non-Conformities or Errors Discovered

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



RWT Measure #7. Number of Immunization Messages Successfully Sent to IIS/Immunization Registries

Associated Criteria: 315(f)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many immunization messages are created and successfully sent from the EHR Module to an IIS/immunization registry over the course of a given interval.

Care Settings

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Reporting Interval: 3 months (January 1, 2022 through March 31, 2022)

Testing Metric/Measurement: Number of Immunization Registries Working with our EHR

Result: 2 registries (one for each practice)

We modified this measure from our original description. We initially said we would track the number of immunization messages exchange, but we found it was just as effective to identify successful and ongoing interoperable exchanges with different registries. For both practices we used in our sample, both had working exchanges with our their local immunization registry.

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.



RWT Measure #8. Number of Patient Immunization History Queries Sent

Associated Criteria: 315(f)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many patient immunization history queries are created and successfully sent from the EHR Module to an IIS/immunization registry over the course of a given interval.

Care Settings

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Reporting Interval: 3 months (January 1, 2022 through March 31, 2022)

Testing Metric/Measurement: number of patient immunization history query messages sent to IIS/immunization registry over the course of a given period

Average Result: 0

We did not make any change to our original RWT Test Plan measure.

Analysis and Key Findings

While our clients are communicating immunization status of patients, as indicated in the previous measurement test, they are not doing patient immunization history queries. However, nothing is indicative that this functionality is not working but only that providers are not choosing to utilize it.

Non-Conformities or Errors Discovered

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



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

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Testing Metric/Measurement: Tested C-CDAs using the C-CDA Scorecard -

<https://site.healthit.gov/scorecard/>

Average Grade: 76 (C)

Average Errors/Places for Improvement: 21

Analysis and Key Findings

The ONC's funded C-CDA Scorecard examines C-CDA best practice implementations to provide a grade result for C-CDA quantitative assessment. We selected C-CDAs from test different practices using test patients they created. We used this test to further compliment our previous C-CDA interoperability testing, and it does reveal our C-CDA is acceptable but does have areas for potential improvement. Some of the areas identified for improvement were due to how the customer were documenting results in the record and thus not providing the full amount of coding that our EHR does provide. Still, we will take this into account as ways to improve our C-CDA creation features.

Non-Conformities or Errors Discovered

During our testing, we did not discover any certification errors or criteria non-conformities, but our C-CDAs did contain some errors because how the test patient records were documented and recorded.



RWT Measure #10. Compliance of C-CDA Error Detection

Associated Criteria: 315(b)(1)

Testing Methodology: Compliance

Measurement Description

This measure is tracking compliance of the EHR Module criteria functionality of detecting errors within a received or imported C-CDA.

Care Settings

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Testing Metric/Measurement: compliance of the EHR Module criteria functionality of detecting errors within a received or imported C-CDA

Average Result: 0 Errors (with respect to the certified functionality)

Analysis and Key Findings

In doing our C-CDA import tests, our C-CDA error detection capabilities worked as certified.

Non-Conformities or Errors Discovered

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



RWT Measure #11. Do you use batch patient data export to export large volumes of patient data?

Associated Criteria: 315(b)(6)

Testing Methodology: Survey/Self-Test

Measurement Description

This is a survey measure to determine how often you are using the batch patient data export feature.

Care Settings and Number of Clients Site to Test

We will survey a sample of our client community targeting family practice, internal medicine, and pediatrics practices to obtain our survey results.

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

Testing Metric/Measurement: Queried practices to determine if they use the C-CDA batch export capability.

All reported "Never" among options of Regularly, Sporadically, Rarely, Never, Don't know

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

Analysis and Key Findings

Our results reveal our EHR Module functionality is working as expected, but it also shows that this is not a feature our clients are regularly using in their day-to-day workflows.

Non-Conformities or Errors Discovered

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



RWT Measure #12. Do you successfully record, calculate, and submit clinical quality measures to CMS using the EHR and if so, which CQMs were submitted?

Associated Criteria: 315(c)(1)-(c)(3)

Testing Methodology: Survey/Self-Test

Measurement Description

This is a survey/self-test measure to determine if users were able to successfully submit CQMs to CMS using EHR CEHRT functionality.

Care Settings and Number of Clients Site to Test

We will survey a sample of our client community targeting family practice, internal medicine, and pediatrics practices to obtain our survey results.

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

Testing Metric/Measurement: do you successfully record, calculate, and submit clinical quality measures to CMS using the EHR and if so, which CQMs were submitted

CMS2v10, CMS125v9, CMS130v9, CMS134v9, CMS138v9, CMS165v9

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

Analysis and Key Findings

Not every client participates in MIPS, but those who do did not report any errors with their eCQM reporting.

Non-Conformities or Errors Discovered

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



RWT Measure #13. Number of API Client Applications Using API

Associated Criteria: 315(g)(7)-(g)(9)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many client applications are connecting to our API server over the course of a given interval.

Care Settings

We designed this measure to test the family practice, internal medicine, and pediatrics practices that we support and target.

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

Practices Queried: 2

Testing Metric/Measurement: Number of 3rd party applications using API capabilities of EHR

Result: 2 API applications (one for each practice)

Analysis and Key Findings

Our results reveal our EHR Module functionality is working as expected, although adoption of API access points is very low at the moment.

Non-Conformities or Errors Discovered

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