CY 2022 Real World Testing Report for The Echo Group

Executive Summary

This is the test report for CY 2022 real world testing for our Echo Group 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 in our production as it was certified. For each our CY 2022 Real World Testing Measures, we have recorded our results and findings. We did not discover any non-conformities or errors from our testing.

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: *Tracy E. Orlando*

DATE   March 9, 2023

General Information

Plan Report ID Number: Echo-RWT-2022

Developer Name: The Echo Group

Product Name(s): Visual Health Record

Version Numbers: Vs 12

Certified Health IT Criteria: 315(b)(1), (b)(6), (g)(7)-(9), (h)(1)

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

- 15.04.04.2425.Visu.12.01.1.200204
- https://chpl.healthit.gov/#/listing/10289

Developer Real World Testing Page URL: https://www.echobh.com/meaningful-use-certification/

Withdrawn EHR

The following version of our EHR was listed in the CY 2022 Real World Test Plan but it was subsequently withdrawn so we do not have testing metrics for it.

Version Numbers: Vs 11

Certified Health IT Criteria: 315(b)(1)-(2), (b)(6), (c)(1)-(3), (e)(1), (f)(1), (g)(7)-(9), (h)(1)

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

- 15.04.04.2425.Visu.11.00.1.171220
- https://chpl.healthit.gov/#/listing/9330

Timeline and Milestones for Real World Testing CY 2022

- <u>Milestone 1Q-2022:</u> 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.
  - <u>STATUS:</u> Delayed until 4Q because of work on Cures certification. Completed in 4Q.
- <u>Milestone 2Q-3Q 2022.</u> 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.
  - <u>STATUS:</u> Delayed until 4Q because of work on Cures certification. Completed in 4Q.
- <u>Milestone 4Q-2022.</u> 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.
  - <u>STATUS:</u> MET
- <u>Milestone 1Q-2023.</u> Submit RWT Test Report to ONC-ACB.
  - <u>STATUS:</u> 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
CHPL Product Number	N/A
Conformance measure	N/A

RWT Measure #1. Compliance of C-CDA Creation and C-CDA Scorecard Average

Associated Criteria: 315(b)(1)

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 primarily targeted to behavioral health care, and our measures were design for this setting in mind.

Testing Results

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

Tested multiple C-CDA Records.

Average Scorecard Result – 78

Errors Detected – 0

Analysis and Key Findings

Based on our surveys and discussions with our users as well as our analysis of our performance logs, our clinicians are not currently exchanging C-CDAs with external parties, so we elected to do a compliance test for this criteria.

This test was done using simulated patient data in mirrored production settings where we graded our C-CDAs with the production-focused C-CDA Scorecard tool. This testing along with our other measure test for 315(h)(1) reveal that our relied upon software HISP, EMR Direct, is integrated and working with our EHR for production use as needed.

Our results reveal this certified EHR module is working as certified and scores at slightly above average value compared to the industry benchmark. The C-CDA section which consistently score the best on the Scorecard was social history, and the section scoring the worst was allergies.

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.   Compliance of C-CDA Error Detection

Associated Criteria: 315(b)(1)

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

Our EHR is primarily targeted to behavioral health care, and our measures were design for this setting in mind.

Testing Results

Testing Metric/Measurement: C-CDA Error Detection

Tested multiple C-CDA Records.

All Errors Detected

Analysis and Key Findings

Based on our surveys and discussions with our users as well as our analysis of our performance logs, our clinicians are not currently exchanging C-CDAs with external parties, so we elected to do a compliance test for this criterion.

This test was done using ten simulated patient records from mirrored production environment. We modified patient data to have specific errors in them and then imported them into our EHR. Our error detection found the intentional C-CDA errors as designed.

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.   Compliance of Data Export C-CDA Export and C-CDA Scorecard Average Score

Associated Criteria: 315(b)(6)

Measurement Description

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

Care Settings

Our EHR is primarily targeted to behavioral health care, and our measures were design for this setting in mind.

Testing Results

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

Tested multiple C-CDA Records.

Average Scorecard Result – 78

Errors Detected – 0

Analysis and Key Findings

Based on our surveys and discussions with our users as well as our analysis of our performance logs, our clinicians are not currently exchanging C-CDAs with external parties, so we elected to do a compliance test for this criteria.

This test was done using simulated patient data in mirrored production settings where we graded our C-CDAs with the production-focused C-CDA Scorecard tool.

Our results reveal this certified EHR module is working as certified and scores at slightly above average value compared to the industry benchmark. The C-CDA section which consistently score the best on the Scorecard was demographics, and the section scoring the worst was allergies.

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.   Compliance of API Resource Query Support

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

Measurement Description

This measure is tracking compliance of the EHR Module criteria functionality of support of API query of patient data resources.

Care Settings

Our EHR is primarily targeted to behavioral health care, and our measures were design for this setting in mind.

Testing Results

Testing Metric/Measurement: compliance of API access including C-CDA query

Result: Compliant

Analysis and Key Findings

We did not have any products registered to use our API so we completed our testing in a production sandbox environment. We utilized the Postman API tool to confirm all data queries could be returned successfully. We also used the C-CDA Access API to obtain a C-CDA and then evaluated it in the ONC Scorecard where it graded out at a high "C" value.

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.   Compliance of DirectTrust and Certificate Discovery/Authorization

Associated Criteria: 315(h)(1)

Measurement Description

This measure is tracking compliance of the EHR Module criteria functionality of compliance with DirectTrust network and certificate discovery/authorization.

Care Settings

Our EHR is primarily targeted to behavioral health care, and our measures were design for this setting in mind.

Testing Results

Testing Metric/Measurement: compliance of DirectTrust CA and Direct Messaging

Result: Compliant

Analysis and Key Findings

Based on our surveys and discussions with our users as well as our analysis of our performance logs, our clinicians are not currently exchanging C-CDAs with external parties, so we elected to do a compliance test for this criteria.

Using our relied upon software EMR Direct, we sent Direct test messages to another DirectTrust approved HISP successfully, and we also were able to receive Direct messages from the other source. We believe our system has working DirectTrust certificates enabled to facilitate Direct messaging in a production setting.

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.