

#### GENERAL INFORMATION

Report ID Number	[20211123ENS]
Developer Name	EnSoftek Inc
Product Name(s)	DrCloudEHR
Version Number(s)	2020
Certified Health IT Product List (CHPL) ID(s)	15.02.05.1434.ENST.01.01.1.220218 (current), 15.02.02.1434.A096.01.00.1.190529 (previous)
Developer Real World Testing PLAN Page URL	<a href="https://www.drcloudehr.com/resources/dr-cloud-ehr-onc-compliant-real-world-testing/">https://www.drcloudehr.com/resources/dr-cloud-ehr-onc-compliant-real-world-testing/</a>
Developer Real World Testing RESULTS Page URL	<a href="https://www.drcloudehr.com/resources/dr-cloud-ehr-onc-compliant-real-world-testing/">https://www.drcloudehr.com/resources/dr-cloud-ehr-onc-compliant-real-world-testing/</a>

#### [OPTIONAL] CHANGES TO ORIGINAL PLAN

*If a developer has made any changes to their approach for Real World Testing that differs from what was outlined in their plan, note these changes here.*

Summary of Change [Summarize each element that changed between the plan and actual execution of Real World Testing]	Reason [Describe the reason this change occurred]	Impact [Describe what impact this change had on the execution of your Real World Testing activities]
Removed: <ul style="list-style-type: none"> <li>170.315(f)(1) Transmission to immunization registries</li> <li>170.315(f)(2) Transmission to public health agencies — syndromic surveillance.</li> </ul> For usability Data Review measure	Because we cannot access the third party data tables to review data. Review will happen via using their application in a browser	None.

#### [OPTIONAL] WITHDRAWN PRODUCTS

*If a developer withdrew any products within the past year that were previously included in their Real World Testing plan, please provide the following information.*

<b>Product Name(s):</b>	
<b>Version Number(s):</b>	
<b>CHPL ID(s):</b>	
<b>Date(s) Withdrawn:</b>	
<b>Inclusion of Data in Results Report:</b>  [Provide a statement as to whether any data was captured on the withdrawn products. If so, this data should be identified in the results report.]	

## SUMMARY OF TESTING METHODS AND KEY FINDINGS

*DrCloudEHR is marketed to behavioral health and human services in the public and private sector all over the US. For this reason, the Real-World Testing plan will apply to this specialty care setting. Agencies that use DrCloudEHR provide mental health counseling, behavioral health counseling and substance use disorder treatment services.*

*Our approach to testing was focused on making sure the system is usable for clinical, medical, billing, and reporting purposes by the agencies using DrCloudEHR. A major element of focus in application design was to promote interoperability and sharing of information between agencies and EHRs using industry standard protocols and mechanisms compliant with ONCHIT compliant certification. We worked with selected partner agencies and staff to test the applicable criteria for which DrCloudEHR is certified. All required data elements compliant with certification was ensured by exporting data in formats we are certified for and any information that is exchanged has tested to make sure they in compliance with certification requirements.*

The following criteria were tested:

Care Coordination

- 170.315(b)(1) Transitions of care
- 170.315(b)(2) Clinical information reconciliation and incorporation
- 170.315(b)(3) Electronic prescribing - DrFirst
- 170.315(b)(6) Data export.

Applicable clinical quality measures

- 170.315(c)(1)-(3)

Supported patient engagement criteria:

- 170.315(e)(1) View, download, and transmit to 3rd party.

Following public health criteria

- 170.315(f)(1) Transmission to immunization registries
- 170.315(f)(2) Transmission to public health agencies — syndromic surveillance.

Included measures for the following Application Programming Interfaces (APIs) criteria

- 170.315(g)(7) Application access — patient selection
- 170.315(g)(8) Application access— data category request
- 170.315(g)(9) Application access — all data request and the electronic exchange criteria
- 170.315(h)(1) Direct project.

### STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))

*Both required and voluntary standards updates must be addressed in the Real World Testing plan. Real World Testing plans must include all certified health IT updated to newer versions of standards prior to August 31 of the year in which the updates were made.*

*Indicate as to whether optional standards, via SVAP and/or USCDI, are leveraged as part of the certification of your health IT product(s).*

☐ Yes, I have products certified with voluntary SVAP or USCDI standards. (If yes, please complete the table below).

☒ **No** No, none of my products include these voluntary standards

Standard (and version)	All standards are those specified prior to August 31, 2021.
Updated certification criteria and associated product	N/A
Health IT Module CHPL ID	N/A
Conformance measure	N/A

### Care Setting(s)

Behavioral Healthcare  
 Integrated Care  
 Coordination of Care

**Metrics and Outcomes**

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Usability Test	§ 170.315(b)(1) Transitions of care	EMRDirect	100% of Users were able to import CCDA documents into DrCloudEHR for 100% of the sites tested	Not applicable
	§ 170.315(b)(2) Clinical information reconciliation and incorporation	DrCloudEHR used DrFirst for electronic prescribing and med reconciliation.	100% of the Users were able to import CCDA documents into DrCloudEHR, reconcile and incorporate health information as defined by the criteria for 100% of the sites tested	
	§ 170.315(b)(3) Electronic prescribing - DrFirst	DrCloudEHR used DrFirst for electronic prescribing and med reconciliation.	The test user was able to successfully prescribe electronically, reconcile meds and incorporate the data within DrCloudEHR 100% of the time.	
	§ 170.315(e)(1) View, download, and transmit to 3rd party	DrCloudEHR Patient Portal interface with EMR Direct is used to transmit data via the Direct Project or Direct Trust network to meet these criteria.	Authorized users were able to download and transmit the data via EMR Direct 100% of the time.	
	§ 170.315(f)(1) Transmission to		Users are able to document	

	immunization registries		immunizations and receive a response from the registry acknowledging that the VXU or QBP message was successfully received for 100% of the records transmitted.	
	§ 170.315(f)(2) Transmission to public health agencies — syndromic surveillance		As defined by the Criteria, syndromic surveillance messages transmitted to a registry are successfully received and acknowledged by a state registry.	
	§ 170.315(g)(7) Application access— patient selection		Patient IDs were retrieved so we can use them in testing for g(8) and g(9) 100% of the time	
	§ 170.315(h)(1) Direct Project	DrCloudEHR EMRDirect Interface	Direct Messages were successfully received bidirectionally 100% of the time.	
	§ 170.315(c)(1) Record and export § 170.315(c)(2) Import and calculate § 170.315(c)(3) Report		export/import file was successfully generated for each clinical quality measure used by the customer and CCDAs were viewed with DrCloudEHR 100% of the time	
Audit Log Review	§ 170.315(b)(6) Data export		Users were able to export CCDAs files using the	

			Patient Portal for 100% of the test patients.	
	§ 170.315(g)(8) Application access— data category request		Patient Data was retrieved for each category request for patient being queried (100% success)	
	§ 170.315(g)(9) Application access— all data request		APIs returned all data categories from the CCDS compliant to the criterion (100% of the time).	
Data Review	§ 170.315(c)(1) Record and export § 170.315(c)(2) Import and calculate § 170.315(c)(3) Report		export/import file was successfully generated for each clinical quality measure used by the customer and CCDAs were viewed with DrCloudEHR 100% of the time	

## KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Identify users to be part of testing	- Behavioral Healthcare - Integrated Care Coordination of Care	Q2 2022
Conduct testing	- Behavioral Healthcare - Integrated Care Coordination of Care	Q3 2022
Publish results of Testing	- Behavioral Healthcare - Integrated Care Coordination of Care	02/10/2023
Submitted Report to ACB	-	02/16/2023

## Appendix:



### 170.315(b)(1) Transitions of care

Form Templates

Forms Settings

Forms Workflow

Group Session Docs

Group Session Attendance Status

Import Patient Records

Manage Goals

Mail Merge

Manage Protocols

Manage Features Lists

Manage Risk Assessment

the Direct Project

Upload CCDA file

Choose File No file chosen Upload

Patient Records

Received Files CCDA CCR

Date Created	Sender	Recipient	Document(s)	Document Uploaded	Patient
2022-07-26 08:57:02			Jones_Sarah_500_01222019_ccda.xml	Manual Uploaded By: Annie Admin	Sarah Jon
2022-07-26 04:55:09			Bliton_David_4201_07202022_ccda.1658811309.xml	Manual Uploaded By: Annie Admin	David Blitt
2022-07-21 12:15:46			Bliton_David_4201_07202022_ccda.1658405746.xml	Manual Uploaded By: Annie Admin	David Blitt
2022-07-21 12:14:44			Bliton_David_4201_07202022_ccda.1658405684.xml	Manual Uploaded By: Annie Admin	David Blitt

### 170.315(b)(2) Clinical information reconciliation and incorporation

Patches DrCloudEHR Lane-County New... API Stuff

demo.drcloudehr.com says Successfully saved the reconciled list

UDEHR DrCloud Web App

February 9, 2023 Annie Community Hos

Dashboard Pre-Admit/Referrals Schedule Patients Practice Billing Reports Administration Inbox Settings

Select Categories: CCDA

Files: Jones\_Myra\_500\_01222019\_co History

Source File

Issue Type: Allergies EHR

Continuity of Care Document (C-CDA)

Patient	Myra Jones
Date of Birth	May 1, 1947
Sex	Female
Race	White
Ethnicity	Not Hispanic or Latino

Title	Begin Date
Aspirin	01/22/2019
Codeine	01/22/2019

Title	Last Modified Date
almond oil-beeswax (bulk)	02/24/2021 12:50 AM

Prescribe

Trend Vitals

Record Vitals

Treatment Plan

Administer Medications

MAD Profile

### 170.315(b)(3) Electronic prescribing - DrFirst

Prescriptions

List

ePrescription

ICD-10	F33.0	Major depressive disorder, recurrent, mild	10/11/2022	02/09/2023	
ICD-9	402.01	Malignant hypertensive heart disease with heart failure	10/04/2022	02/09/2023	

Add Diagnosis

Prescription Management

1 of 1 Legend Prescription(s) Sent

Prescription 26355290795 for simvastatin 20 mg tablet for Albertine Abba was signed and sent for ensofteke Doctor to RITE AID-1014 BEARDS HILL RD.

Medication list for Albertine Abba has been updated.

Drug Type: All Drugs Status: Pending

Search

### 170.315(e)(1) View, download, and transmit to 3rd party



ENCOUNTER HISTORY | Chart | New Encounter

Insurance Provider: \*Grant Funds Payer  
Admitted: Community Health Clinic On:02/01/2021 5:00 PM (PST) (36 days) (more...)  
Language: English

Dashboard | Pre-Admit/Referrals | Schedule | Patients | Practice | Billing | Reports

Prescribe | Labs | Trend Vitals | Record Vitals | Treatment Plan | Administer Medications | MAR Orders

View/Print | Download

Continuity of Care Document (CCD)  
(Pop ups need to be enabled to see these reports)

View/Print | XML Download

Continuity of Care Document Ambulatory (CCDA)  
(Pop ups need to be enabled to see these reports)

Export | View/Print | Download | Transmit

Enter Recipient's Direct Address: wellformed@fhpedge.sitenv.org | Send

SUCCESS



phiMail® Web SANDBOX

Back

From: drcloudehr-edge2015@directtest.interopengine.com  
To: wellformed@fhpedge.sitenv.org  
Date: 2/9/23 11:38 am  
Subject: phiMail Test Message: Albertine Abba CCDA

A CCDA is attached for Albertine Abba

attachment1.xml >

Reply

Delete

Sign Out

170.315(b)(6) Data export

HOME | CONSENT FORMS | FORM LETTERS | VISIT FORMS | SERVICE BASED FORMS | VISITS | REPORTS | CCDA LOG | INBOX | BILLING | FORMS TO SIGN | REFERRALS | DOCUMENTS | SETTINGS

Visit: [dropdown]

View | Download | Transmit | Print | Save to Location

Recipient: Direct Address | Send | SUCCESS

Lab Test Results (collapse)

Order Date	Order Name	Report Date
2023-01-09 00:00:00	Suicide Risk assessment	

Problem List (collapse)

Title	Reported Date	Start Date	End Date
ICD10:F41.1(Generalized anxiety disorder)	2018-09-06 11:46:49	2018-08-20	2018-08-20

170.315(h)(1) Direct Project



Web SANDBOX

Back

From: drcloudehr-edge2015@directtest.interopengine.com  
To: wellformed@tapedge.sitenv.org  
Date: 2/9/23 11:38 am  
Subject: phiMail Test Message: Albertine Abba CCDA

A CCDA is attached for Albertine Abba

attachment1.xml >

Reply

Delete

Sign Out

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## 170.315(c)(1) Record and export ,170.315(c)(2) Import and calculate and 170.315(c)(3) Report

CCBHC	Target Date: 12/15/2022 04:27:00					
CCBHC Dashboard	Rule Set: 2018 Clinical Quality Measures (CQM)					
Download CCDA Report	Provider: Annie Admin		Submit	Print	Generate QRDA III - 2018	Generate QRDA I - 2018
Direct Messaging	Provider Relationship: Primary					
COM QRDA I Import						
Quality Measures (CQM)						
Report Results						
Standard Measures						
View CCDA Log						
Visits						
Practice						

Title	Total Patients	Applicable Patients (Denominator)	Excluded Patients	Passed Patients (Numerator)	Failed Patients	Performance Percentage
Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment (NQF-0104)	111	10	0	9	1	90%
Adult Weight Screening and Follow-Up (CQM) (NQF-0421)	111	10	0	9	1	90%
Childhood Immunization Status (CQM) (NQF-0038)	111	2	0	1	1	50%
Appropriate Testing for Children with Pharyngitis (V8) (CQM) (NQF-0002)	111	10	0	9	1	90%
Falls: Screening, Risk-Assessment, and Plan of Care to Prevent Future Falls (CQM) (NQF-0101)	111	10	0	9	1	90%
Oncology: Medical and Radiation - Pain Intensity Quantified (CQM) (NQF-0384)	111	10	0	9	1	90%
Pneumonia Vaccination Status for Older Adults (CQM) (NQF-0043)	111	10	0	9	1	90%
Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention (CQM) (NQF-0028), Population Criteria 1, Numerator 1	111	11	0	10	1	91%

CCBHC

CCBHC Dashboard

Download CCDA Report

Direct Messaging

CQM QRDA I Import

Quality Measures (CQM)

Report Results

Standard Measures

Import QRDA I

Upload QRDA I File:

Choose File

No file chosen

Import

**Parsed Result:**

**Patient ID:** 4229

**Patient Name:** John Doen

QRDA I Successfully parsed

## 170.315(f)(1) Transmission to immunization registries

### 222 Profile Generation

Clients

Birthday List

Immunizations

Immunization Registry Version 2.0

Import HL7 Z23 Profile

Query (HL7 Z44 Profile) Generation

Report - Immunization Registry Version 2.0

Immunization From Date: 12/15/2022

Immunization To Date: 02/15/2023

Search

Patient: First,Last(PID|HRN)

Records: 1

Patient ID	First Name	Last Name	Immunization Name (CIVX/NDIC)	Immunization Code (CIVX/NDIC)	Dose	Immunization Date	Provider	HL7 Z22 Profile Download
1268	Albertine	Abba	zoster	121	1	02/15/2023	Annie Admin	HL7
Total Number of Immunizations : 1								

### 242 Profile Response



Clients

Immunizations

Immunization Registry Version 2.0

Import HL7 Z23 Profile

Query (HL7 Z44 Profile) Generation

Import HL7 Z42 Profile(Response)

Import HL7 Z33 Profile(Response)

Case Load

Report - Import HL7 Z42 Profile

Upload HL7 Z42 Profile File:  No file chosen

Request Evaluated History and Forecast

**Patient Details:**

Patient Name	Patient ID	DOB	Gender	Address
Clement Stanley S	648286	1950-02-14	Male	1642 Bear Run, Bozeman, MT, 59715, USA

**Immunization Details:**

Immunization Date	Vaccine Administered	Vaccine Type	Immunization Schedule used	Dose Validity	Completion Status
2015-10-29	seasonal flu	influenza NOS	ACIP	Yes	Complete
2015-10-29	no vaccine admin	pcv NOS, influenza NOS, MMR, Hep A, Hep B, MCV,	ACIP		Complete

## Z44 Profile generation

Clients

Immunizations

Immunization Registry Version 2.0

Import HL7 Z23 Profile

Query (HL7 Z44 Profile) Generation

Report - Query (HL7 Z44 Profile) Generation

Patient:  PID: 1288 External ID: 1288

Patient ID	First Name	Last Name	DOB	Query (Z44 Profile) HL7 Download
1288	Albertine	Abba	11/01/2001	HL7

## Z33Profile Response

Clients

Immunizations

Immunization Registry Version 2.0

Import HL7 Z23 Profile

Query (HL7 Z44 Profile) Generation

Import HL7 Z42 Profile(Response)

Import HL7 Z33 Profile(Response)

Report - Import HL7 Z33 Profile (Response)

Upload HL7 Z33 Profile File:  No file chosen

Request Evaluated History and Forecast

**Patient Details:**

Patient Name	Patient ID	Mother Maiden Name	DOB	Gender	Address	Phone	Multiple birth indicator	Birth o
Donna Bee Victoria	177993	Goluchio	2012-05-07	Female	737 Evergreen Road, Livingston, MT, 59047, USA	406-5553758	Yes	3

## Z23 Profile Response

Clients

Immunizations

Immunization Registry Version 2.0

Import HL7 Z23 Profile

Query (HL7 Z44 Profile) Generation

Import HL7 Z42 Profile(Response)

Report - Import HL7 Z23 Profile

Upload HL7 Z23 Profile File:  No file chosen

**Parsed Result:**

Recieve Z23 File Name: NIST-IZ-AD-1.2\_Receive\_ACK\_Z23

Send Z22 File Name: NIST-IZ-AD-1.1\_Send\_V04\_Z22

ACK Status: Application Accept

## Registration

## Update Profile

**Admission:**

**Discharge:**

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