



Capella EHR v6.1

REAL WORLD TEST PLAN 2022

Acurus Solutions, Inc.
1131 W 6th St #300
Ontario, CA 91762, USA
www.acurussolutions.com

Table of Contents

1. General Information..... 3

2. Justification for Real World Testing approach..... 3

3. Certification Criteria for Real World Testing..... 3

4. Measures used in overall approach..... 4

 Interoperability: [Care Coordination & Electronic Exchange]..... 4

 Care Coordination – eRx..... 5

 Patient Engagement..... 5

 Clinical Quality Measures..... 6

 Clinical Quality Measures – CURES..... 6

 Public Health- Immunization Registries..... 7

 Public Health-Syndromic Surveillance..... 7

 Application Programming Interfaces..... 8

5. Care Setting..... 8

6. Schedule of Key Milestones..... 9

7. Attestation..... 9

1. General Information

Plan Report ID Number : 20211214ACU

Developer Name : Acurus Solutions, Inc.

Product Name(s) : Capella EHR

Version Number(s) : 6.1

Certified Health IT : 2015 Edition | IG-2524-18-0020

Product List CHPL ID : 15.02.02.2669.A067.01.00.1.180411

Developer Real World Test Page URL : <https://rwt.acurussolutions.com/Capella/2021-2022/>

2. Justification for Real World Testing approach

Capella EHR software is used by providers in various specialties in outpatient clinics. The workflow and functionality needed in all of the clinics is the same. Therefore, the Real World Testing plan will apply to the outpatient clinic setting for all specialty clinics. Since the EHR has functionality falling under the categories: Care Coordination, Clinical Quality Measures, Patient Engagement, Electronic Exchange, Public Health, and Application Programming Interfaces (API), all associated criteria listed in the following section will be tested. The certification criteria can be tested simultaneously in some cases therefore we bundled criteria in our testing approach. Our quantitative approach captures measurements of each bundle which demonstrate functional usage. The usage of the software is similar throughout the year; therefore, for the Real World Testing plan, we will collect data over a representative period of time in 2022.

3. Certification Criteria for Real World Testing

Category	Criteria
Care Coordination	§ 170.315(b)(1) Transitions of care
	§ 170.315(b)(2) Clinical information reconciliation and incorporation
	§ 170.315(b)(3) Electronic prescribing
	§ 170.315(b)(6) Data export
	§ 170.315(b)(9) Care plan
Clinical Quality Measures	§ 170.315(c)(1)—record and export
	§ 170.315(c)(3)—report
Patient Engagement	§ 170.315(e)(1) View, download, and transmit to 3rd party
Electronic Exchange	§ 170.315(h)(1) Direct Project
Public Health	§ 170.315(f)(1) Transmission to immunization registries
	§ 170.315(f)(2) Transmission to public health agencies — syndromic surveillance
	§ 170.315(f)(5) Transmission to public health agencies — electronic case reporting

Application Programming Interfaces	§ 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

4. Measures used in overall approach

Interoperability: [Care Coordination & Electronic Exchange]	
Description of system usage	Our Providers share patient health records electronically to external organization such as hospitals or providers by exporting the CCDs and messaging using secured mail services. Similarly, if an external entity or providers share electronic data to our providers, we can import CCDs, reconcile and review the data.
Associated certification criteria	<u>Criteria related to Measure:</u> 1. §170.315(b)(1) Transitions of Care 2. §170.315(b)(2) Clinical information reconciliation and incorporation 3. §170.315(b)(6) Data export 4. §170.315(b)(9) Care plan 5. §170.315(h)(1) Direct Project
Description of the measure	Capella EHR logs will be reviewed and analyzed to test the usage and frequency of events related to interoperability and care coordination. The following metrics will be collected: • # of patients for whom the Care notes/CCD were generated • # of users who exported CCD or care notes • # of mails sent • # of mails received • # of documents imported • # of CCDs extracted to human readable format • # of CCDs reconciled
Justification of the measure	The Interoperability measure helps the providers to electronically transmit and receive the structured and unstructured patient information using secured interfaces. This allows the provider to view and reconcile the patient data from an external source successfully. The metrics above will provide frequency of usage to demonstrate the interoperability functionality.
Expected outcomes	1. Providers will successfully be able to electronically transmit (send and receive) patient health information to external third-party service providers in a secured manner and in accordance with the standards specified. 2. Providers will be able to reconcile data received from the external source with the pre-existing data and display the data as human readable format

Care Coordination – eRx	
Description of system usage	1. Ability for a user to electronically handle the following: 1.1. e-Prescription 1.2. Refill Rx 1.3. Cancel Rx 1.4. Modify Rx 1.5. Handle Pharmacy requests 2. Ability to prescribe controlled substances
Associated certification criteria	<u>Criteria related to Measure:</u> 1. §170.315(b)(3) Electronic prescribing
Description of the measure	Capella EHR tracks the activities performed by the providers in the eRx interface. • # of prescriptions • # of refills • # of cancelled prescriptions
Justification of the measure	The eRx system give Providers a way to handle patient medications, allergies and electronically send prescriptions to pharmacies. The metrics show the functionality is in place and tracks usage.
Expected outcomes	1. Providers can successfully e-Prescribe patient medication to the pharmacy 2. Providers are able to receive notification of Pharmacy requests 3. Providers can successfully Refill Rx electronically

Patient Engagement	
Description of system usage	A patient portal enables Patients to access, view and download patient related medical data. This measure illustrates the functionality of engagement with patients
Associated certification criteria	<u>Criteria related to Measure:</u> 1. §170.315(e)(1) View, download, and transmit to 3rd party
Description of the measure	Capella EHR tracks the activities performed by the patients in the patient portal using the following measurements • # of patients enrolled for portal • # of patients accessing patient portal • # of documents viewed/added/downloaded • # of patient communications from portal
Justification of the measure	The metrics selected provides usage information and the functionality of the patient portal to allow patients access to his/her medical data, capability to upload relevant documents and communicate with providers through the portal.
Expected outcomes	1. Patients can view, access and handle their health information successfully in a secured manner.

	2. Patients can securely communicate with the providers using the portal.
--	---

Clinical Quality Measures	
Description of system usage	1. Capella EHR calculates the following parameters for all the 9 CQM measures 1.1. Initial Patient Population 1.2. Denominator 1.3. Numerator etc.. 2. EHR provides the report for all these measures 3. It has the capability to generate HL7 report for the reporting period and the selected provider
Associated certification criteria	<u>Criteria related to Measure:</u> 1. §170.315(c)(1) Clinical quality measures (CQMs) — record and export
Description of the measure	Clinical quality measure reporting for 9 CQM measures for a quarter in year 2022
Justification of the measure	Capella EHR helps our providers to improve their quality of service and enhance the payments using various quality initiatives obtained based on the analysis of the above measures. The clinical quality measure reporting shows the capability of recording and exporting data related to quality measures.
Expected outcomes	1. Capability for detailed reporting for the CQM over the reporting period 2. Capability of exporting the report in the QRDA III standard in HL7 format.

Clinical Quality Measures – CURES	
Description of system usage	1. Providers register into the CURES website 2. Search for a specified patient 3. Get the Patient activity Report 4. Download the PDF of the report and upload the same into the Capella EHR
Associated certification criteria	<u>Criteria related to Measure:</u> 1. §170.315(c)(3) Clinical quality measures (CQMs) — report (Cures) 2. §170.315(f)(5) Transmission to public health agencies — electronic case reporting (Cures)
Description of the measure	CURES patient activity
Justification of the measure	Per CURES, providers are required to review / report Schedules II-V controlled substances prescription prescribed to the patient. We have initiated this feature with the help of Rcopia 4 which will help our providers to monitor the prescription of the controlled substances in real time without the need to navigate out of Capella EHR. The CURES patient activity should demonstrate the capability for collecting the required data and reporting to CURES.
Expected outcomes	Successful real time monitoring of the prescription of Schedules II-V controlled substances from within Capella EHR Successful CURES reporting

Public Health- Immunization Registries	
Description of system usage	1. Ability to generate the immunization message for the selected patient, this includes the immunization history and immunization orders made for the selected encounter 2. Ability to download the generated HL7 file
Associated certification criteria	<u>Criteria related to Measure:</u> 1. §170.315(f)(1) Transmission to immunization registries
Description of the measure	Capella EHR tracks the submissions done to CAIR and logs the following: • # of patients for which Immunization registries are done • # of patients for which CAIR report is submitted
Justification of the measure	The system helps the care providers to store and access the immunizations history for all patients and successful report to immunization registries[CAIR] in the HL7 format. The selected metric shows the functionality of capturing immunization data and CAIR reporting.
Expected outcomes	Successfully submit HL7 output of the immunization messages consisting of Immunization history and Immunization administered to the Immunization registries periodically

Public Health-Syndromic Surveillance	
Description of system usage	1. Ability to generate the Syndromic Surveillance message for the selected patient, using HL7 format for 1.1. Admin 1.2. Discharge 1.3. Register Patient 1.4. Update Patient Information
Associated certification criteria	<u>Criteria related to Measure:</u> 1. §170.315(f)(2) Transmission to public health agencies — syndromic surveillance
Description of the measure	The EHR system allows the care providers to capture the data required for syndromic surveillance and helps to track the log for creation of the HL7 file for • # of Patients for whom Syndromic surveillance is done
Justification of the measure	Care Providers share the details of the diseases to the health department staff in real time to detect outbreak of any disease in public. The selected metric provides information on syndromic surveillance and transmission of surveillance data
Expected outcomes	Successful HL7 output of the Syndromic Surveillance Messages

Application Programming Interfaces	
Description of system usage	1. Other Health Organizations and Patient can request for PHI based on an Open API provided by the EHR 2. All data access request will follow a specified standard 3. Following are the parameters that will be passed by the external entity for each of the request made: 3.1. Patient selection request 1.1. Family Name 1.2. Date of Birth 3.2. Data Category request 2.1. Health Concern 2.2. Problem 2.3. Smoking Status 2.4. Vital Signs 2.5. Lab Tests & Results 3.3. All Data request 3.1. CCDAs documents can be accessed within Document Reference resources. CCDAs are categorized as “Summary of Episode” Notes with LOINC code 34133-9.
Associated certification criteria	<u>Criteria related to Measure:</u> 1. §170.315(g)(7) Application access — patient selection 2. §170.315(g)(8) Application access — data category request 3. §170.315(g)(9) Application access — all data request
Description of the measure	Capella EHR tracks the requests received from external bodies and other health organisations: • # of API requests received by category • # of API requests handled and responded
Justification of the measure	1. Capella EHR facilitates external bodies and other health organisations to electronically request for patient health data using APIs in a secured manner 2. The number of API requests received and executed will show the use of the API over time.
Expected outcomes	Functioning API that responds to requests and return the output based on the requested parameters. The output can be patient demographic data, clinical data, or both depending on the request.

5. Care Setting

Multispecialty Outpatient Clinics – Our certified product Capella EHR is specifically designed and certified for Ambulatory setting which can be utilized similarly in various specialties. Therefore, we conduct the Real World Testing in the multispecialty outpatient setting.

6. Schedule of Key Milestones

Collection of data as laid out in the above Real World Testing plan	01-April-2022
End of Real-World Testing period/final collection of all data for analysis	30-June-2022
Result submission to ONC ACB	15-January-2023

7. Attestation

This Real World Testing plan 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 : N. C. Krishnan
Authorized Representative Email : nckrishnan@acurussolutions.com
Authorized Representative Phone : +1 (714) 221-6300
Authorized Representative Signature : N. C. Krishnan
Date : 01-Dec-2021