

Associated Certification 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
Replied Upon or Third Party Software: ConnectEHR + BulkFHR
CHPL ID: 16.02.06.2713.DY48.04.03.02.11221

Business Description:
 Enable a patient's to access their electronic health data through a Personal Health Record (PHR) app on their smartphones. They have had a healthcare encounter with a provider using an EHR that is integrated with the Dynamic FHR API and Patient Portal modules of ConnectEHR. They would like to view the results from that encounter along with the rest of their electronic health record.

CHS has a focus on empowering patients by providing them with an electronic copy of their health record. We agree that this is very important for patient satisfaction and improving population health in general.

Health Description:
 1) Patient is able to retrieve PHR API data from PHR app for 100 percent of encounters.
 2) 100 percent of encounters from Step #1, PHR data matches data from EHR. This will be confirmed by visual validation of the following PHR resources:
 - Demographics
 - Problems
 - Medications
 - Allergies

Standards Implementation:
 • HL7 Implementation Guide for CDAM Release 2: Consolidated CDA Templates for Clinical Notes (US Realm), Draft Standard for Trial Use, Volume 1 - Introductory Material, Release 2.1, August 2015
 • HL7 Implementation Guide for CDAM Release 2: Consolidated CDA Templates for Clinical Notes (US Realm), Draft Standard for Trial Use, Volume 2 - Templates and Supporting Material, Release 2.1, August 2015
 • FHIR STU3
 • FHIR B4

Developer Info:
Empower Systems
 1200 Harger Road, Suite 408
 Oak Brook, IL 60523
 (303)766-3245

Product Info:
Product Name: Empower
Inpatient-Ambulatory
Product Version: 1.1.57

Methods Used to Demonstrate Interoperability:
 1) HTTPS via secure portal
 2) FHR

CHPL ID:
 15.04.04.2511.B.8mpo.01.00.1.161001

Care Settings:
Inpatient
Real World Testing URL:
<https://www.empower.md/real-world-testing/>

Test Step	Testing Procedure	Expected Outcomes	Key Milestone Date	MY Milestone	Outcome	Comment(s)
1	Identify Trading Partner (TP) and coordinate with TP for providing patients timely access to their ePHI using production data as described in the RWT plan.	<ul style="list-style-type: none"> Partner with PHR or identify existing PHR that can receive patient clinical data as described in the RWT plan. Ensure that FHR has functionality to access the Dynamic FHR API, as described here. Partner with EHR that is integrated with the Dynamic FHR API and Patient Portal modules of ConnectEHR. 	May, 2022	FALSE	we are working with NYCH for this RWT.	
2	Patient A has encounter with care provider who uses EHR described above.	Encounter is created and visually confirmed	June, 2022	FALSE	We are randomly select 10 live patients for this test case.	
3	Provider captures USCDH1 data elements in EHR	USCDH1 data elements are validated in the system				
4	Provider manually generates Care/Referral Summary C-CDA post-visit or ensures that the EHR generates one automatically.	C-CDA is confirmed for the specified patient			CDDA are generated automatically by Empower once patient is discharged	
5	Patient A uses Dynamic Patient Portal login to view clinical information	<ul style="list-style-type: none"> Patient Portal automatically sends email reminder that Patient A has a new clinical document available. Email reminder has a URL hyperlink to the patient portal. If patient hasn't already activated their portal account, portal account can be activated via Welcome Email or by an administrator user. 			checked our mail queue log for these patients and welcome email was sent successfully. URL included in email message.	
6	Patient A uses portal login credentials to log into FHR app	Specific patient ID and token are returned for authentication and data requests			NYCH currently does not have any apps to access our FHR server/API. We will have to use the test client to access FHR API.	
7	FHR app displays full set of data for all data categories	<ul style="list-style-type: none"> Dynamic FHR API has transformed C-CDA into FHR resources. FHR app consumes FHR resources to populate EHR data 	July, 2022	FALSE	FHR client test app shows all data sections for the C-CDA.	
8	FHR app returns full set of data for a given category	FHR app will display and all data to be displayed for each data category			data returned successfully	
9	FHR app returns data in a consumable format using specified standards.	Data is confirmed to be in XML or JSON format			It's able to choose between JSON or XML format for the returned data	
10	FHR app returns full and accurate data for a specific data and specific date range	<ul style="list-style-type: none"> Step 10 is optional. If FHR app has the capability to filter by date range. Filtering data by a specific date returns data accurately and as expected. Filtering data by a specific date range returns data accurately and as expected. 			Client Test app does have the ability to select a date range. Filter by date is working	
11	Visually inspectation of FHR app, the data is verified to include Assessment, Plan of Treatment and Health concerns are specified as narrative text	Visually validate Assessment, Plan of Treatment and Health Concerns narrative text	July, 2022	FALSE		
12	Calculate and compile metrics		August, 2022	FALSE	For the visual results, 100%(10/10) of the data from Empower matches what's in their patient portal. Total online summaries generated for 2022 was 18540 records. 99.03% of those records was generated successfully with data available on the patient portal and FHR API.	

Observations:
 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.

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 Date: 11/12/2021