REAL WORLD TESTING PLAN 2024

GENERAL INFORMATION

Plan Report ID Number: Calmed_RWT_2024_5

Developer Name: California Medical Systems

Product Name(s): Practice Expert

Version Number(s): 2018

Certified Health IT Product List (CHPL) ID(s): 15.04.04.1190.Prac.18.00.1.181222

Developer Real World Testing Page URL: cal-med.com/onc.html

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

California Medical System's Practice Expert v. 2018 is marketed for small to medium sized practices. The Real World Testing will focus on scenarios that occur in small to medium sized practices, encompassing single and multiple provider offices. All modules and criteria that share the purpose of Application Access will be tested. Those criteria include: § 170.315(g)(7) Application Access – Patient Selection, § 170.315(g)(9) Application Access – All Category Request, and § 170.315(g)(10) Standardized API for Patient and Population Services.

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

Standard (and version): N/A

Update 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

Summaries

Description Summaries

Criteria	Title		Description
§170.315(g)(7)	Application Access – Patient Selection	(i)	Receive a request to uniquely identify a patient and return a token or an ID that can be used to obtain patient data through an API.
§170.315(g)(9)	Application Access – All Category Request	(i)(A)	Respond to API calls for specific patient data using a token or an ID and return a CCDA file of all categories for specified patient.
§170.315(g)(10)	Standardized API for Patient and Population Services	(i)	Have a publicly available, standardized API.

Justification Summaries

California Medical Systems has a FHIR based API that allows authorized third parties to access patient data. We currently have this functionality, but as of yet, no clients or third parties have requested access. In order to test this in the real world, we will pretend to be a faux third party accessing patient data for any clients that we recruit into testing this metric. We will confirm with the client and query the database to validate that the data received via the API is accurate and in the correct format. We will de-identify the CCDA data and run it through a validator to confirm it meets the requirements. We will also confirm how many third party requests our clients have and if they have been successful.

Expected Outcomes

The Real World Testing will show that Practice Expert conforms to the following certification criteria: § 170.315(g)(7) Application Access – Patient Selection, § 170.315(g)(9) Application Access – All Category Request, and § 170.315(g)(10) Standardized API for Patient and Population Services.

REAL WORLD TESTING PLAN FIVE

CRITERIA	METRIC	METHOD	JUSTIFICATION	EXPECTED OUTCOME
170.315(g)(7) Application Access – Patient Selection	Display successful return of patient id/token when a third party requests such data.	Log the total number of patient selection requests. Also, pull patient tokens/patient IDs via Postman to confirm success.	Illustrate the volume of successful patient authentication events for patient id/token requests and whether such requests are successful.	Successful screenshots and log data showing that a patient was located and the patient id/token was sent to the third party requestor.
170.315(g)(9) Application Access – All Category Request	Display a successful return of all categories for a patient when a patient id/token and all categories are requested.	Log the total number of full data requests. Also, pull a full data request via Postman to confirm success.	Illustrate the volume of successful patient all data requests and whether such requests are successful.	Successful screenshots and log data showing that a patient was locatedusing the token/patid and that the data was sent to the third party requestor for all categories.
170.315(g)(10) Standardized API For Patient And Population Services	Confirm number of API calls from third party vendors accessing the public, standardized API.	Query the database to check the successful calls and query if any have been unsuccessful.	Illustrate the success vs fail rate of standardized API calls from third parties.	Data showing that if there were any API calls by third parties, that those calls were successful, with minimal failures. Investigate reasons for failures, if any.

Care Settings

California Medical Systems markets to small and medium sized clinics, solely for ambulatory care.

Relied Upon Software

California Medical System's Practice Expert v. 2018 requires DHIT ConnectEHR and BulkFHIR.

Key Milestones

Client Recruitment	12/1/2023 – 2/29/2024
Scheduling/Coordination with clients on time frame to conduct Real World Testing	1/1/2024 – 3/31/2024
Conduct Real World Testing	5/1/2024 – 8/1/2024
Parse Results	8/1/2024 – 8/31/2024
Conduct 2nd attempt for Real World Testing in the case of anomalies or issues.	9/1/2024 – 11/1/2024
Prepare Final Results	11/1/2024 – 1/30/2025

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.

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Date: 10/30/2023