REAL WORLD TESTING PLAN

Application access

Abstract

This Real-World Testing plan demonstrate PracticeSuite's capability to access patient data using API in real world settings and scenarios.

REAL WORLD TESTING PLAN TEMPLATE

GENERAL INFORMATION

Plan Report ID Number: **20211020PRA**

Developer Name: **PracticeSuite, Inc**

Product Name(s): **PracticeSuite**

Version Number(s): **EHR-18.0.0**

Product List (CHPL) ID(s): **15.02.02.2198.A058.01.00.1.180306**

Developer Real World Testing Page URL: https://practicesuite.com/ehr-onc-certification/#real-world-testing-plan-2022

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

PracticeSuite supports external API access the patient data for the authorized third-party applications. The Application API can receive a request with sufficient information to uniquely identify a patient and be able to respond to requests for patient data (using an ID or other token) for each of the individual categories listed in the Common Clinical Data Set and return the full set of data for that category, according to the required data standards in a computable format. The goal of this approach is to demonstrate that the API functionality properly performs consistent with this certification criterion's requirements consistent with the requirements of § 170.315(g)(7), § 170.315(g)(8) and §170.315(g)(9). This will be done through the test scenarios included in the plan, as demonstrated by the access of patient data through APIs.

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

Standard (and version)	Not Applicable
Updated certification criteria and associated product	Not Applicable
Method used for standard update	Not Applicable
USCDI-updated certification criteria (and USCDI version)	None

DESCRIPTION OF MEASUREMENT/METRIC

The following outlines the measures that have been identified to best demonstrate conformance to multiple criteria concerning the sharing of EHI using API.

Use Case (Application Access): : As part of the Real-World Testing requirements for "Application Access § 170.315(g)(7), § 170.315(g)(8), § 170.315(g)(9), the developer has developed the following metrics for their testing plan:

Measure 1: This measure will test the conformance of access of the patient identifier using the PracticeSuite Application through a published API. This API will accept sufficient information to uniquely identify a patient and return the patient ID to the external system. The associated certification criterion in the selected care setting listed below. Since API access is independent of any care settings, this is functionality is applicable to all care settings where this is marketed. Associated certification criteria includes the following:

Certification Criteria	Requirements
§170.315(g)(7) Application access — patient selection	**(i)** The health IT can receive a request with sufficient information to uniquely identify a patient and return an ID or other token that can be used by an application to subsequently execute requests for that patient's data.
§170.315(g)(8) Application access — data category request	**(i)(A)** The API must be able to respond to requests for patient data (using an ID or other token) for each of the individual categories listed in the Common Clinical Data Set and return the full set of data for that category, according to the required data standards in a computable format.
§170.315(g)(9) Application access — *all data request*	**(i)(A)** The API must be able to respond to requests for patient data (using an ID or other token) for all of the data categories specified in the United States Core Data for Interoperability Standard (USCDI) at one time in a summary record formatted according to the Consolidated CDA Release 2.1 Continuity of Care Document (CCD) template.

- **Justification**: PracticeSuite application has a centralized API interface services that caters the access to patient data. This will provide a metric on the use of APIs to access patient data. Additionally, credentialling requirements will be tested indirectly, as only authorized users will have access to the patient data. Each practice settings also have the access log which logs request and the requester information. This the metric will be further verified through the review of the log files and by the audit tables.

- **Test methodology**: Log files and audit data obtained during Real World Testing will be de-identified and used for analysis in several areas to validate the proper operation of the API. This test methodology will primarily test the conformance of the implementation.

- **Expected outcome(s)**: It is expected that PracticeSuite will be conformant to application access criteria for §170.315(g)(7), §170.315(g)(8) and §170.315(g)(9).

CARE SETTING(S)

Primary Care: The Certified Health IT Developer markets its modules in multiple care settings. The Real-World testing pertaining to these criteria will occur in Primary Care settings.

EXPECTED OUTCOMES

- *Real World Testing will demonstrate that the Health IT Module is conformant to the certification criteria "§170.315(g)(7) Application access — patient selection", "§170.315(g)(8) Application access — data category request" and "§170.315(g)(9) Application access — all data request"*
- *Real World Testing will demonstrate the ability of the system to accept the external request through an API and respond with the patient data formatted according to the Consolidated CDA Release 2.1 Continuity of Care Document (CCD) template.*

SCHEDULE OF KEY MILESTONES

Key Milestone	Date/Timeframe
Release of documentation for the Real-World Testing to be provided to authorized representatives and providers. This includes surveys, specific instructions on what to look for, how to record issues encountered, and Customer Agreements.	Jan 31, 2022
Collection of information as laid out by the plan for the period.	January 15, 2022
Meet with previously identified providers and authorized representatives to ensure that Real World Testing protocols are effective.	Mar 2022
Follow-up with providers and authorized representatives on a regular basis to understand any issues arising with the data collection.	Quarterly, 2022
End of Real-World Testing period/final collection of all data for analysis.	January 1, 2023
Analysis and report creation.	Jan 15, 2023

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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