

REAL WORLD TESTING RESULTS REPORT

FOR 2023

GENERAL INFORMATION

Product Name: CareSpan Digital Health Platform

Version Number: 2.0

Certified Health IT Product List (CHPL) Product Number: 15.04.04.3090.Care.02.00.1.210726

Developer Real World Testing Plan Page URL: <https://www.carespanhealth.com/rwt/>

Developer Real World Testing Results Report Page URL: <https://www.carespanhealth.com/rwt/>

CHANGES TO ORIGINAL PLAN

Summary of Change	Reason	Impact
RWT for §170.315(f)(5) was conducted on staging environment with live data from a specific practice	There is insufficient live data from the original selected practice, who left our platform	The result is gathered by selecting another practice and manually triggering on the staging environment.
RWT plan for § 170.315(g)(7) was to use FHIR4 API provided by DHIT. Rather, the actual test uses CareSpan API.	3 rd party that wishes to integrate with us decides to use CareSpan API because it is easier and faster to implement integration.	This shows there is more than one way to connect with CareSpan, allowing a broader range of interoperability options.

SUMMARY OF TESTING METHODS AND KEY FINDINGS

The results show the platform is performing as designed.

A significant insight from our testing process is the criticality of contingency planning. Originally, we had intended to integrate a patient portal with the CareSpan Digital Health Platform in 2022. However, due to unforeseen challenges, this integration was only accomplished in 2023.

This experience underscores the necessity of having robust backup strategies in place to ensure timely execution.

In this case, we are fortunate to get some live data in Q4 to do RWT for § 170.315(g)(7) with accurate results.

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

Standard (and version)	HL7® FHIR® US Core Implementation Guide STU 4.0.0, June 2021
Updated certification criteria and associated product	§ 170.315(b)(10)
CHPL Product Number	15.04.04.3090.Care.02.00.1.210726
Conformance measure	2015 Edition Cures Update Conformance Method

Care Setting

For Real World Testing, we are target the following Care Settings:

Care Settings	Description
Ambulatory Primary Care	This results in a workflow that is more likely to incorporate more features of the software.

The initial Ambulatory Primary Care Practice chosen for our testing had discontinued their use of the platform. Consequently, we identified an alternative practice for our testing needs. To ensure the integrity and effectiveness of our testing, we processed the data through our staging environment, enabling us to maintain the continuity and reliability of our test results

Metrics and Outcomes

Measurement/ Metric	Associated Criterion(a)	Relied Upon Software	Outcome
<ul style="list-style-type: none"> Number of case reports generated (Numerator) Number of case reports that should be generated (Denominator) Expected result should be 100% 	§170.315(f)(5)	CQM Solution (Version 6.0)	Result is 100% (1/1) <ul style="list-style-type: none"> Numerator: we look up the number of care reports generated when we run the live data through staging engine Denominator: we look at the raw data and look up the number of case reports that should be generated based on the pre-defined triggers (RCTC Release final - https://www.healthit.gov/sites/default/files/2018-

			01/RCTC%20Release%20final%2005192016.xls)
<p>Successful login attempts</p> <ul style="list-style-type: none"> • Number of successful login • Number of expected logins • Expected result should be 100% <p>Invalid login attempts for patients with credentials</p> <ul style="list-style-type: none"> • Number of failed logins • Number of expected failed logins • Expected result should be 100% <p>Invalid login attempts for patients without credentials</p> <ul style="list-style-type: none"> • Number of failed logins • Number of expected failed logins • Expected result should be 100% 	§ 170.315(g)(7)	Dynamic Health IT Connect EHR (Version 3.0)	<p>Successful login attempts: result is 100% (77/77)</p> <ul style="list-style-type: none"> • Denominator: we pulled out a list of patients on live server who logged in using 3rd party patient portal • Numerator: Out of the list of patients who logged in using 3rd party patient portal, we pulled the number of successful logins <p>Invalid login attempts for patients with credentials: result is 100% (0/0)</p> <ul style="list-style-type: none"> • This using data on live server with 77 attempts. Due to limited number of attempts, we did not have invalid logins. <p>Invalid login attempts for patients without credentials: result is 100% (0/0)</p> <ul style="list-style-type: none"> • This using data on live server with 77 attempts. Due to limited number of attempts, we did not have invalid logins.

KEY MILESTONES

Key Milestones	Care Setting	Date/Timeframe
Select and Enroll practices to participate in RWT	Ambulatory Primary Care	Q1 2022
Perform Tests and collect results	Ambulatory Primary Care	Q2-Q4 2022
Analyze results and assemble report	Ambulatory Primary Care	Analyze results and assemble report