

Y2023 Real World Test Results Report


NextStep Solutions

Developer Attestation

As a developer of software certified under the Office of the National Coordinator for Health Information Technology Health IT Certification Program, NextStep Solutions is pleased to submit this Real World Test (RWT) Result Report for the calendar year 2023 in accordance with 2015 Cures Update Edition certification criteria.

The Real World Testing Result Report includes all required elements that meet the requirements of the certification criteria and is up to date.

NextStep Solutions

Authorized Representative Signature: 
Date: March 28, 2024 | 2:06 PM PDT 8C13F27698014E2...
Michael Matlack, General Manager
mikem@nextstepEHR.com

General Product Information

Plan Report ID Number: NSSRWT2023_v3.0

Developer Name: NextStep Solutions <https://www.nssbehavioralhealth.com/>

Product Name: NextStep Solutions

Version Number: 11

Currently Active Certified Health IT Product List (CHPL) ID &

ONC-ACB Certification ID: [15.04.04.2057.Next.11.02.1.221108](#)

Withdraw Certified Health IT Product List (CHPL) ID & ONC-ACB

Certification ID: [15.04.04.2057.Next.11.02.1.221108](#)

Previously Retired Certified Health IT Product List (CHPL) ID &

ONC-ACB Certification ID: [CHP-027719](#)

Previously Withdrawn by Developer Certified Health IT Product

List (CHPL) ID & ONC-ACB Certification ID:



[15.04.04.2057.Next.10.01.0.210607;](#)

[15.04.04.2057.Next.09.00.1.191001;](#)

CHPL Listing: <https://chpl.healthit.gov/#/listing/11013>

Developer Real World Testing Page URL:

nssbehavioralhealth.com/21st-century-real-world-test-plan-and-results/

Care Settings

Ambulatory Behavioral Health

Changes To 2023 RWT Plan

Our customers did not opt to utilize our ONC certified functionality that was listed in the original plan in 2023. However, as part of the NSS release process, we have tested the functionality internally throughout the year. As part of Cures Update attestation for NSS version 11 we have done extensive testing and documented all functionality, and fixed some functionality. The original plan was for version 10 that was 2015 Edition certified. In November 2022 NSS successfully completed ONC Cures Update certification and updated version to 11 (details listed in this document).

Standards Updates (SVAP and USCDI)

Developer has not updated CHITM to any new standards as part of SVAP or the Cures Update criteria as of this date nor plan to prior to the execution of the 2023 Real World Test.

Standard (and version)	All standards versions are those specified in USCDI v1, HL7 v2.5.1, HL7 v3
Method used for standard update	Not applicable
Date of ONC ACB notification	Not applicable
Date of customer notification (SVAP only)	Not applicable

Schedule of Key Milestones

Key Milestones	Date(s)	Status
Recruit/Select User Collaborative Partners for RWT	By December 31, 2022	MET (In Q12023)*
Logistics/scheduling for Real World Testing w/Practices	1/1/2023-1/31/2023	MET
RWT Execution for certification criteria w/Practices Mid Year 2023	By 7/15/2023	NOT MET*
RWT Execution for certification criteria w/Practices End of the year 2023	By 12/15/2023	NOT MET*
Analysis and test results report creation	1/1/2024-1/31/2024	MET
Submit final 2023 RWT results to ONC	February 2024	MET
Submit 2024 RWT Plan to Drummond	11/15/2024	NOT MET
Resubmit 2023 RWT Results to ONC	March 2024	MET

*A handful of practices had been recruited by the end of Dec 2022, and leveraged our early adopter program to test the functionality of NSS throughout the year 2023 as part of our quarterly feature releases. But our customer base doesn't use any of the certified functionality. So we limited the production of real world testing to other areas of the application.

Changes to the RWT Plan submitted for 2023:

As mentioned above practices were recruited as part of our early adopter program, but our customer base doesn't use any of the certified functionality. We have shifted the plan to perform internal testing as part of the regular release cycle.

RWT Execution for Certification Criteria w/Practices Mid Year and End of the year in the above table is mentioned as "NOT MET" for the reasons mentioned in this section that we made changes to the initial plan.

RWT Measures

Under the ONC Health IT Certification Program as part of Real World Testing Plan NSS has prepared this report with results for below criteria(s) to adhere to the compliance requirements.

- § 170.315(b) - Care Coordination
 - § 170.315(b2) - Clinical information reconciliation and incorporation
 - § 170.315(b6) - Data Export
- § 170.315(e1) - View, Download, Transmit to 3rd Party

Internal Testing Test Cases Execution Metrics:

Test Case Name: Admissions>>FaceSheet

Criteria mapping and Description: This test case covered USCDI v1 Demographics and more to account all the required, and optional data elements. This test case impacts all three criteria **b2, b6, and e1**.

of Test Cases Executed: 139

of Test Cases Failed: 1

of Test Cases Passed: 138

Status of the failed test case(s): Fixed

Test Case Name: Treatment Planning>>Medication Plan

Criteria mapping and Description: This test case covered Medication plan that includes imported medications, and medications included in the CCDA as part of both **b2, and e1 criteria**.

of Test Cases Executed: 178

of Test Cases Failed: 2

of Test Cases Passed: 176

Status of the failed test case(s): Outstanding

Details of the outstanding Issue: Medication schedule is duplicating given that there are two schedules added and the user decides to delete one schedule.

Action: This issue will be prioritized for later releases.

Test Case Name: Data Export

Criteria mapping and Description: This test case maps to b6 criteria

of Test Cases Executed: 0

of Test Cases Failed: N/A

of Test Cases Passed: N/A

Justification: NSS team started looking at EHI - Electronic Health Information b10 Criteria which will replace b6 criteria. At that time due to resourcing challenges, and a shift in the business in the hopes of withdrawing the ONC Certification NSS team didn't continue to work on EHI criteria or maintain functionality with Data Export.

Action: No action will be taken at this time. NSS will be withdrawing the ONC Cures certification

Test Case Name: Chart Progress>>Push to portal>>Client Portal (Patient Portal)

Criteria mapping and Description: This test case covers visit summary, amendments pushed to patient portal that will allow patients to view visit summary, download and transmit as needed. This test case impacts **e1 criteria**.

of Test Cases Executed: 16

of Test Cases Failed: 0

of Test Cases Passed: 16

Status of the failed test case(s): N/A

Test Case Name: Client Portal (Patient Portal)

Criteria mapping and Description: This test case covers visit summary, amendments pushed to patient portal that will allow patients to view visit summary, download and transmit as needed. This test case impacts **e1 criteria**.

of Test Cases Executed: 80

of Test Cases Failed: 0

of Test Cases Passed: 80

Status of the failed test case(s): N/A

Test Cases not covered: As part of e1 criteria transmit workflow was not tested. Transmit allows the Patient Portal user to be able to send the CCDA document to a 3rd party via Secure Direct integration. We have tested this functionality and identified that transmit functionality is no longer working as expected. This is to do with the APIs discrepancy between the NSS system and the Direct Secure vendor system.

Action: No action will be taken at this time

Justification: At that time due to resourcing challenges, and a shift in the business focus in the hopes of withdrawing the ONC Certification NSS team will not take any action on the transmit workflow.

RWT Criteria #1 Clinical Information reconciliation and incorporation

Reporting Results Time Frame: Q42023

Testing Methodology: Functional testing

Interactive Testing: Every quarter and for every major release throughout Y2023, NSS early adopter program practices ran through various tests to validate general functionality of the NSS application and for NSS to address any issues that arise before the release goes to general availability.

Adoption Rate: None of the NSS practices utilized this functionality in reporting Y2023.

Testing Results: As part of Cures Update certification attestation in Q4 2023, certified functionality has been tested in our internal environment.

Key Findings and Analysis: During testing of CDAs we identified page slowness and performance issues.

Action taken on key findings: Refactored some database tables to increase loading times.

Area of improvement: Except for the changes mentioned above, no other notable changes were made with this functionality.

Relied Upon Software: Dynamic HealthIT (DHIT)

RWT Criteria #2 Data Export

Customers rely on the NSS team to export the data when they are planning to move to another EHR vendor. Metrics are reflected below for the 3 NSS practices where Data Export was provided per their request.

Reporting Results Time Frame: Q42023

Testing Methodology: Functionality was leveraged and requested by multiple practices that were leaving NSS to another EHR vendor.

Interactive Testing: Every quarter and for every major release throughout Y2023, NSS early adopter program practices ran through various tests to validate general functionality of the NSS application and for NSS to address any issues that arise before the release goes to general availability.

Adoption Rate: NSS being Behavioral health EHR, due to confidentiality being used by the clinicians within the note; each practice needs PDF format exports including the DB backups.

Testing Results:

Below are the metrics for each practice that leverages Data Export functionality to be able to move to different EHR. Practice names are not mentioned in the report for confidentiality purposes and all metrics provided below are for real data export in production, with real patient data.

Key Findings and Analysis:

Practice#1

Practice requested in PDF format.

Data Provided:

Demographics, Facesheet, Forms, Notes, Additional chart information: PDF Format

All Data: SQL server backup file

Date Exported: December 2023

Patient Records Exported: 237,782 patients

Documents Exported: 1.7 Billion

Practice#2:

Practice requested in PDF format

Data Provided:

Demographics, Facesheet, Forms, Notes, Additional chart information: PDF Format

All Data: SQL server backup file

Data Exported: November 2023

Patient Records Exported: 25,833 patients

Documents Exported: 469,083 of 469,497

Practice#3:

Practice requested in PDF format

Data Provided:

Demographics, Facesheet, Forms, Notes, Additional chart information: PDF Format

All Data: SQL server backup file

Data Exported: August 2023

Patient Records Exported: 10,373 patients

Documents Exported: 57,018 documents

Action taken on key findings:

NSS partially meets the EHI criteria. There will not be any action taken at the moment. NSS will be withdrawing the ONC Cures certification

Relied Upon Software: Dynamic HealthIT (DHIT)



RWT Criteria #3 View, Download, Transmit to 3rd Party

Reporting Results Time Frame: Q42023

Testing Methodology: Functional testing

Interactive Testing: Every quarter and for every major release throughout Y2023, NSS early adopter program practices ran through various tests to validate general functionality of the NSS application and for NSS to address any issues that arise before the release goes to general availability.

Adoption Rate: None of the NSS practices utilized this functionality in reporting Y2023.

Testing Results: As part of Cures Update certification attestation in Q42023, certified functionality has been tested in our internal environment. For this functionality we leverage a third party vendor to generate the CDA documents.

Key Findings and Analysis: We have tested this functionality and identified that transmit functionality is no longer working as expected. This is to do with the APIs discrepancy between the NSS system and the Direct Secure vendor system..

Action taken on key findings: **There will not be any action taken at the moment.** NSS will be withdrawing the ONC Cures certification

Area of improvement: No changes were made with this functionality.

Relied Upon Software: Dynamic HealthIT (DHIT)

Certificate Of Completion

Envelope Id: 1A138ECE5F1C4466940BFDA870DBDEB1	Status: Completed
Subject: Complete with DocuSign: NSS_Real_World_Test_Results_Report_NSSRWT2023_v3.0.pdf	
Source Envelope:	
Document Pages: 8	Signatures: 1
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Envelope Summary Events	Status	Timestamps
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Signing Complete	Security Checked	3/28/2024 2:06:14 PM
Completed	Security Checked	3/28/2024 2:06:15 PM

Payment Events	Status	Timestamps
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