CY 2025 Real World Testing Results for Nextech EHR (ICP)

Executive Summary

This is the documentation of the results of our real-world testing based on our 2025 Real World Test Plan for CY 2025 for Nextech EHR (ICP)'s certified EHR solution, and we will be testing on our most current certified version. It provides the real-world test measurements and metrics that meet the intent and objectives of ONC's Condition of Certification and Maintenance of Certification requirement for real world testing (§ 170.405 Real world testing) to evaluate compliance with the certification criteria and interoperability of exchanging electronic health information (EHI) within the care and practice setting which it is targeted for use.

As ONC has stated in its rule, "The objective of real-world testing is to verify the extent to which certified health IT deployed in operational production settings is demonstrating continued compliance to certification criteria and functioning with the intended use cases as part of the overall maintenance of a health IT's certification." We have worked toward this objective in designing our test plan and its subsequent real world testing measurements and metrics.

This document reports the results of the final testing measurements and metrics used to demonstrate our product interoperability within production settings. Within each measure, we document testing methodology, associated ONC criteria, justification for measurement, outcomes from the testing, care settings applied for this measure, and if applicable the number of clients to use the real-world testing approach, including how our test cases were created, our selected methodology, the number of client/practice sites to use, and our general approach and justification for decisions.

A table of contents with hyperlinks is provided later in the plan quick access to any document section, including the testing measurements and metrics found at the end of this document. Our signed attestation of compliance with the real-world testing requirements is on the following page.

Developer 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 (RWT) requirements.

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General Information

Plan Report ID Number: NextechEHR_RWTResults_2025

Developer Name: Nextech

Product Name(s): Nextech EHR (ICP) *(previously IntelleChartPRO)*

Version Numbers(s): 9.0

Certified Health IT Criteria: 315 (g)(7)-(10)

Product List CHPL ID(s) and Link(s):

- ONC-ACB Certification ID: 15.04.04.2051.Inte.09.02.0.251202
- CHPL Listing Details

Developer Real World Testing Page URL: http://www.nextech.com/compliance/onc-health-it/intellechart

Changes to Original Plan

In accordance with the Real World Testing Condition and Maintenance of Certification Requirements Enforcement Discretion Notice issues on June 30, 2025, we have limited our Real World Testing results only to the g7-g10 criteria. This means that all measures from the associated Real World Testing plan have been removed aside from Number of API Client Applications Successfully Connected to our API Service.

To further create efficiency in collecting and reporting the results for the Number of API Client Applications Successfully Connected to our API Service measure, we have deviated from the associated Real World Testing plan which was to survey a minimum of 3 clients. Instead, we have pulled data collected from all clients in order to present a complete breakdown of all client applications that have connected to our API Service.

As we are not surveying clients to collect the data for this report, the timelines and milestones that were included in the associated plan are no longer relevant, and have thus been removed from this report.

Withdrawn Products

The products listed below were withdrawn since the posting of the associated Real World Testing plan, and have been replaced with the Cures update certified version.

Withdrawn Product Name(s) and Version Number(s) with (CHPL) ID(s) and Link(s):

- Nextech EHR (ICP) 8.0
  - ONC-ACB Certification ID: 15.04.04.2051.Inte.08.01.0.221121
  - https://chpl.healthit.gov/#/listing/11027

Standards Version Advancement Process (SVAP) Updates

For CY 2025, we did not make any version updates on approved standards through the SVAP process. We implemented USCDI v3.1 in our C-CDAs and API support during CY 2025 HTI-1 development and implementation. We have rolled out and made available the new HTI-1 version to all customers.

Standard (and version)	N/A
Updated 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

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

Both required and voluntary standards updates must be addressed in the Real World Testing plan. Real World Testing plans must include all certified health IT updated to newer versions of standards prior to August 31 of the year in which the updates were made. Indicate as to whether optional standards, via SVAP and/or USCDI, are leveraged as part of the certification of your health IT product(s).

•[ ] Yes, I have products certified with voluntary SVAP or USCDI standards. (If yes, please complete the table below.

•[XXXXX] No, none of my products include these voluntary standards.

Standard (and version)	N/A
Updated certification criteria and associated product	N/A
CHPL Product Number	N/A
Conformance Measure	N/A

Real-World Testing Measurements

The measurements for our real-world testing plan are described below. Each measurement contains:

- Associated ONC criteria
- Testing methodology used
- Description of the measurement/metric
- Justification for the measurement/metric
- Expected and actual outcomes in testing for the measurement/metric
- Number of client sites to use in testing (if applicable)
- Care settings which are targeted with the measurement/metric

In each measurement evaluated, we elaborate specifically on our justification for choosing this measure and the expected and actual outcomes. All measurements were chosen to best evaluate compliance with the certification criteria and interoperability of exchanging electronic health information (EHI) within the certified EHR.

Testing Methodologies

For each measurement, a testing methodology is used. For our test plan, we use the following methodologies.

> Reporting/Logging: This methodology uses the logging or reporting capabilities of the EHR to examine functionality performed in the system. A typical example of this is the measure reporting done for the automated measure calculation required in 315(g)(2), but it can also be aspects of the audit log or customized reports from the EHR. This methodology often provides historical measurement reports which can be accessed at different times of the year and evaluate interoperability of EHR functionality, and it can serve as a benchmark for evaluating real world testing over multiple time intervals.
>
> Compliance and/or Tool: This methodology uses inspection to evaluate if EHR is compliant to the ONC criteria requirements. It can be done through 1-v-1 inspection testing or utilize various tools to measure or evaluate compliance and interoperability. If an EHR Module capability is not widely used in production by current users, compliance inspection can provide assurance criteria is working as previously certified.

Care and Practice Settings Targeted

Nextech EHR is primarily targeted for Ophthalmology, and our measures were designed to address this care setting.

RWT Measure #1. Number of API Client Applications Successfully Connected to our API Service

Associated Criteria: 315(g)(7)-(g)(10)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many successful 3rd party API client applications can access patient data elements via our API over the course of a given interval.

The interval for this measure will be three (3) months.

Measurement Justification

This measure is counting how many API applications can be registered, authenticated, and actively working with our EHR. The metric will provide a numeric value to indicate both how often this interoperability feature is being used as well as its compliance to the requirement. An increment to this measure indicates that a 3rd party application can be registered and authenticated with our EHR and then can successfully query the clinical resources of the patient health record via the API interface and thus demonstrate API interoperability.

Measurement Expected Outcome

The measurement will produce numeric results over a given interval. We will utilize various reports and audit logs to determine our measure count.

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that a 3rd party client can be authenticated, that the patient record can be properly identified and selected, and that the EHR can make patient data accessible via its API interface. Successfully completing this measure also implies the public API documentation is accurate and sufficient for 3rd parties to connect and use the API while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality. We will document any errors and investigate them as necessary.

We will use the measure count to establish a historic baseline of expected interoperability use so it can be used in subsequent real world testing efforts.

Care Settings and Number of Clients Site to Test

We designed this measure to test the Ophthalmology care setting that we support and target.

Measurement Actual Outcome

Element Tested	315(g)(7)-(g)(10)		
Test Name	Number of API Client Applications Successfully Connected to our API Service		
Measure Used	How many successful 3rd party API client applications can access patient data elements via our API over the course of a 3-month interval.		
Data Collection Method	Count		
API Name	Successful API Calls	Failures	Comments
https://api.intellechart.net/icp-fhir-api/Patient?name={name}&family={family}&birthdate={bi…	0	4114	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/metadata	232	0	
https://api.intellechart.net/icp-fhir-api/.well-known/smart-configuration	92	0	
https://api.intellechart.net/icp-fhir-api/$versions	85	0	
https://api.intellechart.net/icp-fhir-api/Patient?_lastUpdated={lastUpdated}&_lastUpdated={last…	0	40	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Encounter?_lastUpdated={lastUpdated}&_lastUpdated={la…	0	30	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Patient/31751	0	23	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Patient	0	7	Nextech will review API

			documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Encounter	0	6	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Practitioner	0	5	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Encounter/[ID]	0	4	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/CareTeam?patient=c27e5be0-4b44-4ec5-a284-4308d6ac2b1a&…	0	4	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/$export?_outputFormat=ndjson&_type=Condition%2CEncoun…	0	3	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Patient/[ID]	0	3	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Observation	0	3	Nextech will review API documentation

			to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/$export?_outputFormat=ndjson&_type=Condition%2CEncoun…	0	3	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/	2	0	
https://api.intellechart.net/icp-fhir-api/Encounter?_lastUpdated={lastUpdated}	0	2	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Location	0	2	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/DocumentReference?identifier=123&_revinclude=Provenan…	0	2	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/DiagnosticReport?patient=31751	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Encounter/500	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Encounter/1	0	1	Nextech will review API documentation

			to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Encounter2.	1	0	
https://api.intellechart.net/icp-fhir-api/Patient?_lastUpdated={lastUpdated}&_lastUpdated=lt202…	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Patient?telecom="telecom":"5554858209"	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Patient/	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Patient/123/$everything?_summary=false	1	0	
https://api.intellechart.net/icp-fhir-api/Patient5.	1	0	
https://api.intellechart.net/icp-fhir-api/Encounter/	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/$export?_outputFormat=ndjson&_type=Condition%2CEncoun…	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/$export?_outputFormat=ndjson&_type=Condition%2CEncoun…	0	1	Nextech will review API documentation

			to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Patient?_lastUpdated={lastUpdated}&_lastUpdated={last…	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/DocumentReference?identifier=123&_revinclude=Provenan…	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/Encounter/1119712	0	1	Nextech will review API documentation to decrease likelihood of failed calls
https://api.intellechart.net/icp-fhir-api/$export?_outputFormat=ndjson&_type=Condition%2CEncoun…	0	1	Nextech will review API documentation to decrease likelihood of failed calls