



# Juno Patient Portal v23 Results Plan

CHPL # 15.04.04.2925.JUNP.23.02.1.240523

<https://junohealth.com/certifications>

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## GENERAL INFORMATION

<b>ONC-ACB CERTIFICATION ID:</b>	15.04.04.2925.JUNP.23.02.1.240523
<b>DEVELOPER NAME:</b>	DSS, Inc.
<b>PRODUCT NAME(S):</b>	<b>Juno Patient Portal</b>
<b>VERSION NUMBER(S):</b>	V23
<b>CERTIFIED HEALTH IT PRODUCT LIST (CHLP) PRODUCT NUMBER(S):</b>	<a href="#">15.04.04.2925.JUNP.23.02.1.240523</a>
<b>DEVELOPER REAL WORLD TESTING PLAN URL:</b>	<a href="https://www.junohealth.com/certifications">https://www.junohealth.com/certifications</a>

## JUSTIFICATION FOR REAL-WORLD TESTING APPROACHES

The Certified Health IT Module 170.315(e)(1) View, Download, and Transmit to a 3rd party in marketed to various care settings, including pediatric, orthopedic, neurosurgery, ophthalmology, and hospital environments. The Real World Testing Plan will encompass these specialties for this reason. All criteria for § 170.315(e)(1) related to the View, Download, and Transmit to 3rd Parties feature will be applied uniformly across all care settings. A thorough evaluation of all criteria for § 170.315(e)(1) will be conducted.

Additionally, our product supports external API access to patient data for authorized third-party applications. The Application API can process requests that include sufficient information to uniquely identify a patient and respond with patient data for each category listed in the Common Clinical Data Set (CCDS). This data is returned in a computable format, in adherence to the required data standards.

The goal is to demonstrate that the API functionality aligns with the certification criteria of 170.315(g)(7) Application AccessPatient Selection; 170.315(g)(9) Application Access - All Data Requests; and 170.315(g)(10) Standardized API for Patient and Population Services. This will be validated through the test scenarios outlined in the plan, which will show the successful access of patient data via the APIs.

The inclusion of external API access for authorized third-party applications is a strong feature, enabling seamless data sharing while maintaining patient confidentiality. Demonstrating compliance with the certification criteria for 170.315 (b)(10), (e)(1), (g)(7), (g)(9), and (g)(10) through well-defined test scenarios is crucial for validating the functionality of these APIs.

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

<b>Standard (and version)</b>	3.5, <b>USCDI V1</b>
<b>Updated certification criteria and associated product</b>	170.315(e)(1): View, Download, and Transmit to 3rd Party 170.315(g)(7): Application Access – Patient Selection 170.315(g)(9): Application Access – All Data Request 170.315(g)(10): Standardized API for Patient and Population Services  InteliChart Patient Portal InteliChart on FHIR V1.0, 170.315 (g)(10)
<b>CHPL Product Number</b>	15.04.04.2925.JUNP.23.02.1.240523
<b>Method used for standard update</b>	170.315(e)(1) ONC Test procedure V1.4 170.315 (g)(7) Attestation 170.315(g)(9) ONC Test procedure V1.3 170.315 (g)(10) ONC Test procedure V2.1
<b>Date on ONC ACB notification</b>	Not Applicable
<b>Date of customer notification (SVAP only)</b>	Not Applicable
<b>Conformance measure</b>	170.315(e)(1) Edge Testing Tool, V2.3.47 170.315(g)(7) Attestation 170.315(g)(9) Edge Testing Tool V2.3.47 170.315(g)(10) Inferno V2.2.2
<b>USCDI updated certification criteria (and USCDI version)</b>	<b>All are applicable for USCDI V1</b> 170.315(e)(1) Cures Update 170.315(g)(7) Attestation 170.315(g)(9) 170.315(g)(10) ONC Test procedure V2.1

## MEASURES USED IN OVERALL APPROACH

### REAL WORLD TEST PLAN 170.315(e)(1)

Measurement / Metric	DESCRIPTION
SHARING EHI	
Patient Engagement	Validate the adoption of View, Download and Transmit functionality as defined by <a href="http://HealthIT.gov">HealthIT.gov</a> using Approach 1.

## ASSOCIATED CERTIFICATION CRITERIA (2015 CURES UPDATE)

Measurement / Metric	Associated Certification Criteria	Relied Upon Software (If applicable)
170.315(e)(1) View, Download and Transmit to Third-Party	170.315(e)(1) Validate the adoption of View, Download and Transmit to Third-Party functionality.	Not Applicable

## JUSTIFICATION FOR SELECTED MEASUREMENT / METRIC

Measurement / Metric	Description
170.315(e)(1) View, Download and Transmit to Third-Party	EHI may be shared through the Patient Portal for viewing, downloads and encrypted or unencrypted transmissions. This metric will provide information on the types of transmissions deployed, viewing EHI, downloads and unencrypted vs. encrypted transmission and the frequency of usages.
	Privacy and security of products as defined by the ONC  Patients (and their authorized representatives) can view, download, and transmit their health information to a third party via internet-based technology consistent with one of the WCAG 2.0 Levels A or AA.



**TESTING METHODOLOGY**

Measurement / Metric	Description
170.315(e)(1) View, Download and Transmit to Third-Party	Patient Portal utilization logs, for patients of each care setting, will be captured on a monthly frequency to determine the volume of patient views, downloads and transmits of EHI that were attempted and successfully completed during each month during the year under test. Any failed attempts will also be recorded for each monthly period. Data collected from the monthly testing will be deidentified and used to determine monthly utilization, volume, and error rates of the implementation. This test methodology will primarily evaluate the conformance of the implementation and identify any problems with utilization.

**CARE SETTING(S)**

Care Setting	Justification
Pediatric	EHI may be shared through the patient portal for viewing, downloads and encrypted or unencrypted transmissions. This metric will provide information on the types of transmissions deployed, viewing EHI, downloads and unencrypted vs. encrypted transmission and the frequency of usages.
Orthopedic	EHI may be shared through the Patient Portal for viewing, downloads and encrypted or unencrypted transmissions. This metric will provide information on the types of transmissions deployed, viewing EHI, downloads and unencrypted vs, encrypted transmission, and the frequency of usages.
Neurosurgery	EHI may be shared through the Patient Portal for viewing, downloads and encrypted or unencrypted transmissions. This metric will provide information on the types of transmissions deployed, viewing EHI, downloads and unencrypted vs, encrypted transmission, and the frequency of usages.
Ophthalmology	EHI may be shared through the Patient Portal for viewing, downloads and encrypted or unencrypted transmissions. This metric will provide information on the types of transmissions deployed, viewing EHI, downloads and unencrypted vs, encrypted transmission, and the frequency of usages.
Hospital	EHI may be shared through the Patient Portal for viewing, downloads and encrypted or unencrypted transmissions. This metric will provide information on the types of transmissions deployed, viewing EHI, downloads and unencrypted vs, encrypted transmission, and the frequency of usages.



## MEASURES USED IN OVERALL APPROACHES

### REAL WORLD TEST PLANS FOR 170.315(g)(7), (g)(9) and (g)(10)

Measurement / Metric	Description
Interoperability and Data Exchanges	These multiple measures will be evaluated together to validate interoperability and the API capabilities to exchange patient data from our product to a third-party application.

## ASSOCIATED CERTIFICATION CRITERIA

Measurement/Metric	Associate Certification Criteria
170.315(g)(7)	Application Access – Patient Selection
170.315 (g)(9)	Application Access - All Data Request (Cures Update) replaced (g)(8) which has been retired
170.315(g)(10)	Standardized API for Patient and Population Services (Cures Update)

## JUSTIFICATION FOR SELECTED MEASUREMENT / METRIC

Measurement/Metric	Justification
170.315(g)(7) 170.315 (g)(9) 170.315(g)(10)	There are no clients actively using this certified functionality in the real world; testing will be performed against the production installation of the Open-API and synthetic data from a production installation of the Patient Portal. The same Production API installation services all Care settings equally, then the artificial testing will be assumed to be applicable to all Care settings who may elect to utilize the capability in the future.



**TESTING METHODOLOGY**

Measurement/Metric	Testing Methodology
170.315(g)(7) 170.315 (g)(9) 170.315(g)(10)	In the absence of any real-world usage of the production implementation of the Open-API, manual testing will be performed quarterly against the production installation of the Open-API, to verify the successful authentication, request, and delivery of EHI for both a single encounter and for a date range of encounters, using a representative test harness (Simulated Third-Party application) and artificial test data. Success or failure of each API method called in the sequence of credentialing will be recorded, and manual validation will be performed to verify that the expected single encounter and the expected date range of encounters are returned as asked. Results and any errors will be recorded quarterly for each API method and summarized at the end of the test period.

**CARE SETTING(S)**

Care Setting	Justification
Pediatric	There are no clients actively using this certified functionality in the real world; testing will be performed against the production installation of the Open-API and synthetic data from a production installation of the Patient Portal. The same Production API installation services all Care settings equally, then the artificial testing will be assumed to apply to all Care settings who may elect to utilize the capability in the future.

**EXPECTED OUTCOMES**

Measurement / Metric	Expected Outcomes
170.315(g)(7) 170.315 (g)(9) 170.315(g)(10)	By manually stressing each method of the production implementation of the Open-API on a quarterly basis, it is expected that the testing will validate and verify that the Open-API and each of its applicable methods are available and functioning as expected throughout the test period, for any real Third-Party application vendors who may elect to utilize it in real world application of data interoperability as required by 170.315(g)(7), 170.315(g)(9) and 170.315(g)(10), at any time during the test period.

170.315 (g)(7)	<b>2025 Results</b> (g)(7) – 6 requests, 4 successes
170.315 (g)(9)	(g)(9) – 36 requests, 26 successes
170.315 (g)(10)	(g)(10) – 80 requests, 80 successes



## CHANGES TO THE ORIGINAL PLAN

While our original Real World Testing plan included evaluation of additional certification criteria, our final 2025 results focus only on the required API criteria. This approach aligns with current certification requirements and enforcement discretion guidance.

Any criteria initially planned but not executed were deprioritized to ensure focus on mandatory measures and to optimize testing efforts. This change does not impact our compliance posture and reflects a targeted approach to required certification objectives. No material issues were identified during execution that impacted test validity or outcomes.

## SCHEDULED KEY MILESTONES

Key Milestones	Care Settings	Due Dates
Submitted Real- World Test Plan to ACB	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	<b>October 23, 2025</b>
Real- World Test Results Begins	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	December 1, 2025
Submit (b)(11) Decision Support Interventions Attestation	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	December 1, 2025
Determine testing partners	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	December 15, 2025
Publish customers service base URL information (FHIR Endpoints) according to specific adopted standards.	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	December 31, 2025*
Quarterly Attestation	pediatric, orthopedic,	January Q1 2025



	neurosurgery, ophthalmology, and hospital care	
Data collection will begin with each partner	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	January 3, 2025
End of Real-World Testing period /final collection	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	Quarterly 2025
Analysis and report creation	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	January 11, 2025
Submit Real-World Testing Results Report to ACB	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	February 1, 2025
Submit Q1 Attestation	ACB	April 1, 2025
Submit Semi-Annual Attestation	CHLP	April 15, 2025
Submit Q2 Attestation	ACB	July 1, 2025
Submit Q3 Attestations	ACB	October 7, 2025
Submit Semi-Annual Attestation	CHLP	October 15, 2025
Submit Real-World Test	ACB	November 1, 2025, for 2026
USCDI v3 Implementation	ACB	July 2025



## ATTESTATION

The Real-World Testing Plan for 2025 is finalized and includes all essential components, with measures that fully address the Cures certification criteria across the required care settings. All information in this plan is current and aligns with the health IT developer's requirements for our Real-World Testing Plan for 2025.

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