

GENERAL INFORMATION

Plan Report ID Number	[For ONC-Authorized Certification Body use only]
Developer Name	InteliChart LLC
Product Name (s)	InteliChart Patient Portal
	InteliChart on FHIR
Version Number(s)	3.5
	1.0
Certified Health IT Product List (CHLP) Product Number(s)	15.04.04.1722.Inte.35.00.1.170921
Developer Real World Testing Plan Page URL	https://www.intelichart.com/meeting-the-requirements-for-meaningful-use/

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

At this time, Certified Health IT Module (E)(1) is marketed to multiple Care Settings including, but not limited to pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care settings. The Real-World Testing Plan will apply to these specialties for this reason. All criteria for § 170.315(E)(1) View, Download, and Transmit to Third-Party applied and utilized in the same manner across all care settings, and all criteria for § 170.315(E)(1) will be tested.

Additionally, our product supports external API access to patient data for the authorized third-party applications. The Application API can receive a request with sufficient information to uniquely identify a patient and respond to requests for patient data, using a token, for each of the categories listed in the Common Clinical Data Set and return the full set of data for the category, according to the required data standards in a computable format. The goal is to demonstrate that the API functionality properly performs consistent with this certification criterion's requirements of 170.315(G)(7) Application Access – Patient Selection; 170.315(G)(9) Application Access- All Data Request and 170.315(G)(10) Standardized API for Patient and Population Services. 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)	3.5, USCD V1
Updated certification criteria and associated product	170.315(E)(1), 170.315 (G)(7), 170.315 (G)(9) and 170.315 (G)(10) Intelichart Patient Portal, 17.0315 (E)(1), 170.315 (G)(7) and 170.315(G)(9) Intelichart on FHIR V1.0, 170.315 (G)(10)
CHPL Product Number	15.04.04177.Inte.35.001.170921
Method used for standard update	170.315(E)(1) ONC Test procedure v1.4; 170.315 (G)(7) Attestation; 170.315 (G)(9) ONC Test procedure v1.3 and 170.315 (G)(10) ONC Test procedure V2.1



Date on ONC ACB notification	TBD
Date of customer notification (SVAP only)	TBD
Conformance measure	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 and 170.315 (G)(10) Inferno V2.2.2
USCDI updated certification criteria (and USCDI version)	All are applicable for USCDI V1, 170.315(E)(1) Cures Update; 170.315 (G)(7) Attestation; 170.315(G)(9) and 170.315(G)(10) ONC Test procedure v2.1

MEASURES USED IN OVERALL APPROACH

REAL WORLD TEST PLAN 170.315 (E)(1)

DESCRIPTION OF MEASUREMENT / METRIC

Measurement / Metric	Description
SHARING EHI	
Patient Engagement	Validate the adoption of View, Download and Transmit functionality as defined by HealthIT.gov using Approach 1

ASSOCIATED CERTIFICATION CRITERIA (2015 EDITION CURES UPDATE)

DESCRIPTION OF MEASUREMENT / METRIC

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 3 rd Party functionality	N/A

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

DESCRIPTION OF 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 3rd party via internet-based technology consistent with one of the WCAG 2.0 Levels A or AA.
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TESTING METHODOLOGY

DESCRIPTION OF MEASUREMENT / METRIC

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 test 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.

EXPECTED OUTCOMES

Measurement/Metric	Description
170.315 (E)(1) View, Download and Transmit to Third-Party	By capturing and analyzing utilization rates, volume counts and error rates monthly during this testing period, it is expected that the resultant data will verify that patients (or their authorized representatives) are able to successfully view, download, and share EHI on a consistent basis throughout the testing period, using the production implementation, across each of the sample care settings included in the test.

REAL WORLD TEST PLAN 170.315 (G)(7), (G)(9) and (G)(10)

DESCRIPTION OF MEASUREMENT / METRIC

Measurement / Metric	Description
Interoperability and Data Exchanges	These multiple measures will be tested 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) and 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) and 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) and 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.

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Due Dates
Submitted Real- World Test Plan to ACB	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	November 7, 2022,
Determine testing partners	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	December 15, 2022
Quarterly Attestation		January Q1 2023
Data collection will begin with each partner	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	January 3, 2023
End of Real-World Testing period /final collection	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	Quarterly 2023
Analysis and report creation	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	January 1, 2023
Submit Real-World Testing Results Report to ACD	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	February 1, 2023
Submit Real-World Testing Q1 Attestation AND ONC Semi-Annual Attestations	SEMI-ANNUAL MUST BE SUBMITTED IN ONC	April 2023
Submit Q2 Attestations	DRUMMOND	July 2023
Submit Q3 Attestation and Semi-Annual Attestation	SEMI-ANNUAL MUST BE SUBMITTED IN ONC	October 2023
Submit Real-World Test Plan to ACB	TBD	November 1, 2023, for 2024
EHI Export certification required	APPLICABLE IF CERTIFIED PRODUCTS STORES EHI AS A PART OF (B)(10)	December 31, 2023

ATTESTATION

The 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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