![INTELICHART — Engagement to Outcomes]

GENERAL INFORMATION

Plan Report ID Number: [For ONC-Authorized Certification Body use only]

Developer Name: InteliChart LLC

Product Name(s): InteliChart Patient Portal

Version Number(s): 3.5

Certified Health IT: (e)1, (g)7, (g)8, (g)9

Product List (CHPL) ID(s): 15.04.04.1722.Inte.35.00.0.170921

Developer Real World Testing 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 Test Plan will apply to these specialties for this reason. All criteria for § 170.315(e)(1) View, download, and transmit to 3rd party are 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), 170.315(g)(8), 170.315(g)(9). 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)	Not Applicable
Updated certification criteria and associated product	Not Applicable
Method used for standard update	Not Applicable
USCDI-updated certification criteria (and USCDI version)	None

REAL WORLD TEST PLAN 170.315(E)(1)

MEASURES USED IN OVERALL APPROACH

DESCRIPTION OF MEASUREMENT/METRIC

Measurement/Metric	Description
Patient Engagement	Validate the adoption of View, Download and Transmit functionality.
	The goal is to measure the user adoption rate of: *CDA View *CDA download *CDA Transmit via encrypted and unencrypted transmission

ASSOCIATED CERTIFICATION CRITERIA

Measurement/Metric	Associated Certification Criteria
170.315(e)(1) View, download and transmit	170.315(e)(1) View, download and Transmit to a third party

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

Measurement/Metric	Justification
170.315(e)(1) View, download and transmit	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.

TESTING METHODOLOGY

Measurement/Metric	Testing Methodology
170.315(e)(1) View, download and transmit	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	Expected Outcomes
170.315(e)(1) View, download and transmit	By capturing and analyzing utilization rates, volume counts and error rates on a monthly basis during the 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 FOR 170.315 (G)(7), 170.315 (G)(8), 170.315 (G)(9)

DESCRIPTION OF MEASUREMENT/METRIC

Measurement/Metric	Description
Interoperability and Data Exchange	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	Associated Certification Criteria
170.315(g)(7)	Application Access - Patient Selection
170.315(g)(8)	Application Access - Data Category Request
170.315(g)(9)	Application Access - All Data Request

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

Measurement/Metric	Justification
170.315(g)(7), 170.315(g)(8), 170.315(g)(9)	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. Since the same production API installation services all care settings equally, then the artificial testing will be assumed to be applicable to all care settings that might choose to utilize the capability in the future.

TESTING METHODOLOGY

Measurement/Metric	Testing Methodology
170.315(g)(7), 170.315(g)(8), 170.315(g)(9)	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 3rd 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 requested. 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. Since the same production API installation services all care settings equally, then the artificial testing will be assumed to be applicable to all care settings that might choose to utilize the capability in the future.

EXPECTED OUTCOMES

Measurement/Metric	Expected Outcomes
170.315(g)(7), 170.315(g)(8), 170.315(g)(9)	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 3rd party application vendors that choose to utilize it in real world application of data interoperability as required by 170.315(g)(7), 170.315(g)(8) and 170.315(g)(9), at any time during the test period.

SCHEDULE OF KEY MILESTONES

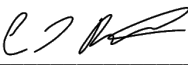| Key Milestone	Care Setting	Date/Timeframe
Submit Real World Testing plan to ACB	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	November 15, 2021
Determine testing partners	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	December 15, 2021
Data collection will begin with each partner	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	January 1, 2022
Data will be collated for each partner	pediatric, orthopedic, neurosurgery, ophthalmology & hospital care	Quarterly 2022
End of Real-World Testing period/final collection of all data for analysis	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	January 1, 2023
Analysis and report creation	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	January 15, 2023
Submit Real World Testing report to ACB (per their instructions)	pediatric, orthopedic, neurosurgery, ophthalmology, and hospital care	February 1, 2023

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 requirements.

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Authorized Representative Signature: _____

Date: 11/18/2021

InteliChart RWT Plan 2022 v2

Final Audit Report 2021-11-18

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