Product – Minerva
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Revision History

Date	Version	Description
19th October 2023	1.0	New Document

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1 Background

This document is about Real-World Test Plan for year 2024 for agilon health certified Health IT solution. The objectives defined by ONC under Condition and Maintenance of Certification (45 CFR § 170.405), will be met through this self-attested document. The intent of this plan is to demonstrate the interoperability in real world setting and conformance to the full scope of the certification criterion's requirements, including scenario and use case-focused testing.

This document is prepared as per the guidelines defined by ONC for the information to be included in RWT plan. The sections included in this plan are Test method, Care settings, Description, Schedule of key milestones, Expected Outcome, Measurement/Metric and Justification for approach.

There will be two types of methods which will be used to define a test method:

- Client survey, where use case is not being deployed in production and number of requests from the prospective clients can be considered.
- Reporting, where actual usage can be published to show how interoperability is supported.

Self-attestation details are available on the last page of the document.

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2 General Information

Plan Report ID Number	agilon health _RWT_2024
Developer Name	agilon health inc
Version Number(s)	V4
Certified Health IT Product List (CHPL) ID(s)	15.04.04.3082.Mine.04.01.0.210609
Developer Real World Testing Page URL	

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3 Standards Updates in SVAP and USCDI

SVAP - Standards Version Advancement Process
USCDI - United States Core Data for Interoperability

We do not have any plan to make version updates in approved standards through SVAP process in the year 2024. For USCDI data elements, we will continue to support version 1.

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	N/A
Conformance measure	N/A
USCDI-updated certification criteria (and USCDI version)	N/A

4 RWT #1 – § 170.315(b)(10) Electronic Health Information Export

4.1 Associated Certification Criteria

Criteria – § 170.315 (b)(10)

4.2 Test methodology

Methodology – Report Logging/Client Survey
Report Logging: Number of events generated based on requests initiated for these criteria.
Client Survey: Number of requests received from current/prospective customers for this use case.

4.3 Description of Measurement/Metric

Single Patient Electronic Health Information Export

- Number of patients EHI export requested by user at any given time.
- Number of successful/failed event notifications for requested EHI export.

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Patient Population Electronic Health Information Export

- Number of requests for population EHI export created via APIs.

4.4 Justification

- Our system supports EHI export for single patient and population data (with different mode of export) to be compliant with interoperability guidelines.
- The defined metrics will support the export functionality at any given time so that continuity of care is maintained.
- The defined metrics will ensure that EHI export created is in a pre-defined computable format.
- The defined metrics will help analyze how frequently the patient or population EHI is requested & completed without any hindrance.

4.5 Care Setting(s)

Inpatient and ambulatory care setting with various specialties will be tested for real world interoperability. These care settings are used by organizations our production system supports.

4.6 Expected Outcomes

Measurement/Metric	Expected Outcomes
Single patient EHI export	Number of request initiated EHI export.
	Number of successful/failed event notifications.
	Number of customers using the single EHI export functionality.
Patient population EHI export	Number of requests initiated for population EHI export.
	Number of customers using the population EHI export functionality.

4.7 Milestones

Key Milestone	Date/Milestone
Develop candidate list of clients to assist with the Real World Testing (RWT).	Q2 2024
Collection of information as laid out by the plan	Q2-Q3 2024
End of Real-World Testing period/final collection of all data for analysis	Q3 2024
Analysis and report creation	Q4 2024
Submit Real World Testing report to ACB	Q1 2025

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5 RWT #2 – § 170.315(e)(1) View Download and Transmit

5.1 Associated Certification Criteria

Criteria – 315(e)(1) View, download and transmit to 3rd Party

5.2 Test methodology

Methodology – Logging and reporting.
Report Logging: Number of events generated based on requests initiated for these criteria.

5.3 Description of Measurement/Metric

- Number of users (and their authorized representatives) that successfully logged into and accessed their patient account.
- Number of ambulatory summary or inpatient summary documents downloaded over the course of a given interval.
- Number of ambulatory summary or inpatient summary documents shared with 3rd party over the course of a given interval.

5.4 Justification

- Our platform ingests healthcare data from multiple EHRs. The number of users logging into the application over a period of time will indicate that the patients are actively using the system to view, download or transmit their healthcare data.
- The next measure is a numeric value indicating how often patients (and their authorized representatives) download their ambulatory/inpatient summary as a CCD document. This will also indicate that patients' EHI is not blocked, and they are able to extract this information and share it with their healthcare providers. Hence promoting interoperability.
- The Final measure will provide a numeric value indicating how often patients share their ambulatory/inpatient summary with their healthcare providers or kin, hence promoting interoperability.

5.5 Care Setting(s)

Inpatient & ambulatory care setting will be tested for real world interoperability. These care settings are used by organizations that are using our production system.

5.6 Outcomes of Real World Testing

Measurement/Metric	Expected Outcome
Number of Patient users (and their authorized representatives) that successfully logged into and accessed their patient portal account.	Report(s) indicating the number of patients users that logged into the portal.

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Number of ambulatory summary or inpatient summary documents downloaded over the course of a given interval.	Report(s) indicating number of ambulatory summary or inpatient summary documents downloaded over the course of a given interval.
Number of ambulatory summary or inpatient summary documents shared with 3rd party over the course of a given interval.	Report(s) indicating number of ambulatory summary or inpatient summary documents shared with 3rd party over the course of a given interval.

5.7 Schedule of Key Real World Testing Milestones

Key Milestone	Date/Milestone
Develop list of clients as candidates to assist with the Real World Testing (RWT).	Q2 2024
Collection of information as laid out by the plan	Q2-Q3 2024
End of Real-World Testing period/final collection of all data for analysis	Q3 2024
Analysis and report creation	Q4 2024
Submit Real World Testing report to ACB	Q1 2025

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6 RWT #3 –§ 170.315 G7 & G9 FHIR REST APIs Usage for Patient Selection and Accessing All Patient Data

6.1 Associated Certification Criteria

Criteria – § 170.315 g(7)-g(9)

6.2 Test Methodology

Methodology – Logging/ClientSurvey
Report Logging: Number of events generated based on requests initiated for these criteria.
Client Survey: Number of requests received from current/prospective customers for this use case.

6.3 Description of Measurement/Metric

Following metric will be covered:

- Number of authorized requests to fetch the patient's medical information through FHIR APIs.

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6.4 Justification

- Our system supports access to patient and heath data through standardized FHIR APIs to be compliant with interoperabilityguidelines.
- The defined metrics will support interoperability as the patient health data is accessible by the authorized user through FHIRAPI.

6.5 Care Setting(s)

Inpatient & ambulatory care setting with various specialties are tested for real world interoperability. These care settings are used by organizations that our production system supports.

6.6 Expected Outcomes

Measurement/Metric	Expected Outcome
Metrics extracted from system logs	Report(s) indicating: - Number of authorized requests to fetch the patient's medical information through FHIR API.
Client Survey	Report(s) indicating - Potential customers requesting the API capabilities. - Surveys will provide the need of the API capabilities supporting interoperability.

6.7 Milestones -Table

Key Milestone	Date/Milestone
Collection of information as laid out by the plan	Q2-Q3 2024
End of Real-World Testing period/final collection of all data for analysis	Q3 2024
Analysis and report creation	Q4 2024
Submit Real World Testing report to ACB	Q1 2025

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7 RWT #4 – § 170.315(g) 10 Standardized API for Patient and Population Services

7.1 Associated Certification Criteria

Criteria – § 170.315 g(10)

7.2 Test Methodology

Methodology - Logging/Client Survey/Tool
Report Logging: Number of events generated based on requests initiated for these criteria.
Client Survey: Number of requests received from current/prospective customers for this use case.

7.3 Description of Measurement/Metric

- Following metrics will be covered:
  - Number of SMART Applications registered with the EHR.
  - Number of authorized requests to fetch the patient's medical information through FHIR APIs.
  - Number of authorized requests to export patient's individual data through API.
  - Number of authorized requests to export bulk data through API.

- Conformance and Completeness of Response: This measure will test the conformance of the certified API technology and assess the completeness of responses relative to requests across provider-users supported by the Minerva Application. The associated certification criterion in the Inpatient & ambulatory care setting are:

Criteria	Requirement
§ 170.315(g)(10) Standardized API for patient and population services (patient services only)	☐ Data response ☐ Supported search operations ☐ Application registration (standalone and EHR launch) ☐ Secure connection (provider specific) ☐ Authentication and authorization

7.4 Justification

- Our system provides access to specific patient data through the FHIR® interfaces, this measure will provide a test report on the authorized use of FHIR® APIs to access patient data.
- The defined metrics will support interoperability as the patient health data is accessible after SMART based authorized through FHIRAPI.

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7.5 Care Setting(s)

Inpatient & ambulatory care setting with various specialties are tested for real world interoperability. These care settings are used by organizations that our production system supports.

7.6 Expected Outcomes

Measurement/Metric	Expected Outcome
Metrics extracted from system logs	Report(s) indicating: - Number of SMART applications registered with the EHR. - Number of authorized requests to fetch the patient's medical information through FHIR APIs. - Number of authorized requests to export Patient's individual data through API. - Number of authorized requests to export bulk data through API.
Client Survey	- Report(s) indicating Potential customers requesting the SMART On FHIR capabilities - Surveys will provide need of API capabilities supporting interoperability.
Inferno test result	Report(s) indicating: - Minerva Application will be conformant to § 170.315(g)(10) with less than 1 percent error rate experienced by users.

7.7 Milestones

Key Milestone	Date/Milestone
Collection of information as laid out by the plan	Q2-Q3 2024
End of Real-World Testing period/final collection of all data for analysis	Q3 2024
Analysis and report creation	Q4 2024
Submit Real World Testing report to ACB	Q1 2025

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8 Self-Attestation

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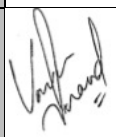
Authorized Representative Signature	
Date	10/19/2023

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