CY 2026 Real World Testing Plan for MedNet

Executive Summary 2
Developer Attestation 3
General Information 4
Timeline and Milestones for Real World Testing CY 2026 4
Standards Version Advancement Process (SVAP) Updates 6
Real World Testing Measurements 7
Testing Methodologies 7
Number of Clients Sites 8
Care and Practice Settings Targeted 8
RWT Measure #1. Number of Transition of Care C-CDAs Successfully Sent 9
RWT Measure #2. Number of C-CDAs Received and/or Incorporated 11
RWT Measure #3. Number of NewRx Prescriptions Messages Successfully Sent 13
RWT Measure #4. Number of CancelRx Prescriptions Messages Successfully Sent 15
RWT Measure #5. Number of Patient EHI Exports Run 16
RWT Measure #6. Number of Patient C-CDAs Created with Data Segmentation for Privacy Capabilities Enabled 18
RWT Measure #7. Number of Quality Measures Successfully Reported on to CMS 19
RWT Measure #8. Number of Patients Given Access to Portal 20
RWT Measure #9. Number of Patients Who Accessed/Logged in to Portal 21
RWT Measure #10. Number of Immunization Messages Successfully Sent to IIS/Immunization Registries 22
RWT Measure #11. Number of Patient Immunization History Queries Sent 23
RWT Measure #12. Number of Syndromic Surveillance Messages Successfully Sent 24
RWT Measure #13. Number of API Queries Made with Data Element Results Successfully Returned 26
RWT Measure #14. Number of API Queries Made with C-CDA Documents Successfully Returned 28
RWT Measure #15. Number of Direct Messages Successfully Received 30

Executive Summary

This is the real-world test plan for CY 2026 for MedNet Medical Solutions certified emr4MD EHR solution. 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 builds toward the final testing measurements and metrics we will use to evaluate our product interoperability within production settings. Within each use case, we documentour testing methodology for the measure/metric we plan to employ. We also include the associated ONC criteria, our justification for measurement selection, our expected outcomes from the testing, the care settings applied for this measure, and if applicable the number of clients to use in our real world testing.

We have included our timeline and milestones for completing the real world testing in CY 2026, and information about compliance with the Standards Version Advancement Process updates.

A table of contents 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.

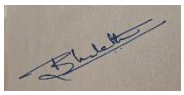
Developer Attestation

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 requirements.

Authorized Representative Name: Rani Sudhir

Authorized Representative Email:rani@mednetmedical.com

Authorized Representative Signature:



Signature

DATE 30-Oct-2026

General Information

Plan Report ID Number : MedNet-RWT-2026

Developer name : MedNet Medical Solutions

Product name and version : emr4MD 9.10

CHPL product number(s) : [15.04.04.2796.emr4.09.00.1.191218]

Certification edition : 2015 Edition Cures Update

Plan year : CY 2026

Developer contact : Rani Sudhir / rani@mednetmedical.com

Plan public URL : https://www.mednetmedical.com/RWT_Home.html

Certified Health IT Criteria : 170.315 (a)(1-5, 9, 12, 14-15); (b)(1-3, 7-8, 10); (c)(1-4); (d)(1-9, 12-13); (e)(1, 3); (f)(1-2); (g)(2-7, 9-10); (h)(1)

Timeline and Milestones for Real World Testing CY 2026

1Q-2026: Submit CY 2025 results and secure CY 2026 client participation

- By March 15, 2026, MedNet will submit the CY 2025 Real World Testing results report to the ONC-ACB. In parallel, we will begin outreach to clients to request their participation in CY 2026 real world testing. Preparatory calls will be held with committed clients, and testing schedules will be confirmed before the end of the quarter.

2Q-2026 and 3Q-2026: Conduct real world testing

- During the 2nd and 3rd quarter of CY 2026, the real-world testing with clients will be scheduled and performed. It is expected that a preparatory call will be made with clients to prepare them for testing activities. Results will be documented in the test results section of the test methods and ultimately used to build the test report. If any non-compliances are observed, we will notify the ONC-ACB of the findings and make the necessary changes required.

4Q-2026: Compile results and prepare the CY 2027 plan

- In October and November, we will compile CY 2026 testing results and complete an internal draft of the CY 2027 Real World Testing plan by Nov 1, 2027. The draft will be reviewed internally and will address criteria and standards updates applicable to CY 2027.

By December 15, 2026: Submit CY 2027 plan

- The finalized CY 2027 plan will be submitted to the ONC-ACB by December 15, 2026 (or any earlier ACB deadline) and posted to a publicly accessible link, with the CHPL listing updated accordingly.

1Q-2027: Submit CY 2026 results report

- The CY 2026 results report will be finalized and submitted to the ONC-ACB by March 15, 2027, then made publicly available and reflected in CHPL.

Standards Version Advancement Process (SVAP) Updates

Currently released version of emr4MD 9.10 do not support any USCDI version. We are working to implement USCDI v1 in our 2015 Edition Cures Update certification. There are currently no plans to move to any later versions of USCDI during 2026.

No SVAP updates are being adopted for CY 2026. The table below describes the Cures Update standard implementation

Standard (and version)	USCDI v1.0
Updated certification criteria and associated product	170.315 (b)(1), 170.315 (b)(2), 170.315 (b)(3), 170.315 (b)(7), 170.315 (b)(8), 170.315 (c)(3), 170.315 (d)(2), 170.315 (d)(3), 170.315 (d)(12), 170.315 (d)(13), 170.315 (e)(1), 170.315 (g)(6), 170.315 (g)(9), 170.315 (g)(10) for 9.10 [*2015 Cures Update Certified Version*]
Health IT Module CHPL ID	emr4MD 9.10, CHPL ID [verify: 15.04.04.2796.emr4.09.00.1.191218]
Method used for standard update	Certification Attestation
Date of customer notification (SVAP only)	N/A (only for SVAP)
Conformance measure	170.315 (b)(1) using ONC Test Procedure 1.2 and Edge Test Tool 2.3.49, 170.315 (b)(2) using ONC Test Procedure 1.2 and Edge Test Tool 2.3.49, 170.315 (b)(3) using ONC Test Procedure 1.2 and Electronic Prescribing; Version: 1.2.49, 170.315 (b)(7) using ONC Test Procedure 1.1 and Edge Testing Tool; Version: Edge Testing Tool; Version: 2.3.49, 170.315 (b)(8) using ONC Test Procedure 1.0 and Edge Testing Tool; Version: Edge Testing Tool; Version: 2.3.49, 170.315 (c)(3), using ONC Test Procedure 1.4 and Cypress; Version: 7.0.2 , 170.315 (d)(2) using ONC Test Procedure 1.4, 170.315 (d)(3) using ONC Test Procedure 1.0, 170.315 (d)(12) using ONC Test Procedure 1.0, 170.315 (d)(13) using ONC Test Procedure 1.1, 170.315 170.315 (e)(1) using ONC Test Procedure 1.4 and Edge Test Tool 2.3.49, 170.315 (g)(6) using ONC Test Procedure 1.1, 170.315 (g)(9) using ONC Test Procedure 1.3 and Edge Test Tool 2.3.49, 170.315 (g)(10)
USCDI-updated certification criteria (and USCDI version)	170.315 (b)(1), 170.315 (b)(2), 170.315 (b)(3), 170.315 (b)(7), 170.315 (b)(8), 170.315 (c)(3), 170.315 (d)(2), 170.315 (d)(3), 170.315 (d)(12), 170.315 (d)(13), 170.315 (e)(1), 170.315 (g)(6), 170.315 (g)(9), 170.315 (g)(10)

Real World Testing Measurements

The measurements for our real-world testing plan are described below.

Each measurement in this plan includes:

- Associated ONC certification criteria
- Testing methodology
- Description of the measurement
- Justification for the measurement
- Expected outcomes
- Number of client sites (where applicable)
- Targeted care settings

In each measurement evaluate, we elaborate specifically on our justification for choosing this measure and the expected 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 automate 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/Tool Inspection:

This methodology uses inspection to evaluate if EHR is compliant with the ONC criteria requirements. It can be done through 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.

Survey/Self-Test:

This methodology evaluates interoperability and compliance of EHR Module capabilities through feedback from users. ONC has recognized that self-testing can be a viable method for evaluation and compliance, and this methodology can provide insight into how clinicians employ and use a feature which reveals actual value and impact of interoperability of the EHR Module.

Number of Clients Sites

Within each measure, we note the minimum number of clients or client sites we plan to use for this measure evaluation. The numbers vary depending on the methodology as well as overall use of the associated EHR Module criteria by our users. For criteria that are not widely used by our customer base, we may test the respective measures in our own production-sandbox environment given lack of customer experience with the criteria's functionality.

Care and Practice Settings Targeted

Our EHR is primarily targeted to small ambulatory practices, and our measures were design for this setting in mind. In each measure, we do also address the care settings targeted and note any necessary adjustment or specific factor to consider with this specific measure.

RWT Measure #1. Number of Transition of Care C-CDAs Successfully Sent

Associated Criteria: 315(b)(1), 315(h)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many C-CDAs are created and successfully sent from the EHR Module to a 3rd party via Direct messaging during a transition of care event over the course of a given interval.

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

Measurement Justification

This measure will provide a numeric value to indicate both the how often this interoperability feature is being used as well as its compliance to the requirement. An increment to this measure indicates that the EHR can create a C-CDA patient summary record, including ability to record all clinical data elements, and by sending the C-CDA patient summary record, the EHR demonstrates successful interoperability of an exchanged patient record with a 3rd party. This measurement shows support for Direct Edge protocol in connecting to our EHR **relied upon softwareHISP, EMRDirectphiMail Server,** for successful transmission.

Measurement Expected Outcome

The measurement will produce numeric results over a given interval. We will utilize various reports and audit logs, including Automated Measure (315.g.2) reports, or other methods to determine our measure count.

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that the EHR can create the C-CDA patient summary record, including record required clinical data elements. In sending the C-CDA patient summary record, the EHR will demonstrate ability to confirm successful interoperability of an exchanged patient record with a 3rd party, including support for Direct Edge protocol in connecting to a HISP. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #2. Number of C-CDAs Received and/or Incorporated

Associated Criteria: 315(b)(2)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many C-CDAs are successfully received and/or incorporated upon receipt from a 3rd party via Direct messaging during a transition of care event over the course of a given interval.

The interval for this measure will be six (6) months.

Measurement Justification

This measure provides a numeric value that indicates both the frequency of use of this interoperability feature and compliance with the associated requirement. An increase in this measure demonstrates that the emr4MD EHR can successfully receive a C-CDA patient summary record and incorporate the information into the patient record. By doing so, the system enables successful interoperability of patient problems, medications, and medication allergies with a third-party system. This measure also demonstrates support for the Direct Edge protocol through integration with our relied-upon Health Information Service Provider (HISP), EMR Direct phiMail, ensuring the successful transmission of C-CDA patient summary records.

Measurement Expected Outcome

The measurement will produce numeric results over a given interval. We will utilize various reports and audit logs, including Automated Measure (315.g.2) reports, to determine our measure count.

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that emr4MD HER can receive a C-CDA patient summary record. In incorporating the C-CDA patient summary record, emr4MD HER will demonstrate successful interoperability of problems, medications, and medication allergies of patient record with a 3rd party, including support for Direct Edge protocol in connecting to a HISP. Successfully completing this measure also implies users have a general understanding of emr4MD EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #3. Number of NewRx Prescriptions Messages Successfully Sent

Associated Criteria: 315(b)(3)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many NewRx electronic prescriptions were created and successfully sent from the emr4MD EHR to a pharmacy destination over the course of a given interval.

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

Measurement Justification

This measure provides a numeric value that indicates both the frequency of use of this interoperability feature and compliance with the associated requirement. An increase in this measure demonstrates that our relied-upon software, **DrFirst Rcopia4 Web (v4.38.3.1)**, can successfully generate a **NewRx SCRIPT** electronic prescription message and transmit it to a pharmacy, typically through the **Surescripts Network**. This measure reflects the system's ability to support electronic prescribing workflows and facilitate the secure exchange of prescription information between providers and pharmacies.

Measurement Expected Outcome

The measurement will produce numeric results over a given interval. We will utilize various reports and audit logs, including Automated Measure (315.g.2) reports, to determine our measure count.

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that the EHR can create the NewRx message and send over a production network, like the Surescripts Network, to a pharmacy. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #4. Number of CancelRx Prescriptions Messages Successfully Sent

Associated Criteria: 315(b)(3)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many CancelRx electronic prescriptions were created and successfully sent from emr4MD EHR to a pharmacy destination over the course of a given interval.

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

Measurement Justification

This measure will provide a numeric value to indicate both the how often this interoperability feature is being used as well as its compliance to the requirement. An increment to this measure indicates that the EHR can create a CancelRx SCRIPT electronic prescription message and transmit it to a pharmacy, typically via the Surescripts Network.

Measurement Expected Outcome

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

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that our EHR (**emr4MD) relied upon software Dr. First Rcopia4 Web (vs. 4.38.3.1)** can create the CancelRx message and send over a production network, using the Surescripts Network, to a pharmacy. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #5. Number of Patient EHI Exports Run

Associated Criteria: 315(b)(10)

Testing Methodology: Reporting/Logging

Measurement Description

This measure tracks and quantifies the number of Electronic Health Information (EHI) exports successfully performed by the emr4MD EHR during a specified reporting period.

Relied-Upon Software - 315(b)(10)

For the **emr4MD v9.10 Number of Patient EHI Exports Run (RWT Measure #5)**, we rely on **EMR Direct's Interoperability Engine** to support interoperability and data exchange functionality.

EMR Direct's services facilitate healthcare interoperability through standardized APIs and data exchange capabilities, as described in its Open API Documentation. As a result, this Real World Testing measure relies on this third-party interoperability solution to enable and support successful EHI export operations.

Measurement Justification

This measure will provide a numeric value to indicate both the how often this interoperability feature is being used as well as its compliance to the requirement. An increment to this measure indicates that the EHR can create a batch export of multiple C-CDA patient summary records.

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.

We will capture this information from our system over a period of a minimum of three (3) months to provide an accurate sample of real world interoperability.

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that the EHR can create a batch export of multiple C-CDA patient summary records, which can be used in means of health IT interoperability. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #6. Number of Patient C-CDAs Created with Data Segmentation for Privacy Capabilities Enabled

Associated Criteria: 315(b)(7), 315(b)(8)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many C-CDAs are created with data segmentation for privacy capabilities enabled over the course of a given interval.

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

Measurement Justification

This measure will provide a numeric value to indicate both the how often this interoperability feature is being used as well as its compliance to the requirement. An increment to this measure indicates that the EHR can create a C-CDA patient summary record with the data segmentation tags enabled, which provide security and privacy for patient sensitive information.

Measurement Expected Outcome

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

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that the EHR can create a C-CDA patient summary record with the data segmentation tags enabled. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #7. Number of Quality Measures Successfully Reported on to CMS

Associated Criteria: 315(c)(1)-(c)(3)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many eCQM quality measures were successfully reported on by emr4MD EHR to CMS over the course of a given interval.

The interval for this measure will be twelve (12) months, to align with the CMS MIPS reporting period.

Measurement Justification

This measure will provide a count and list of electronic clinical quality measures (eCQMs) which are calculated and submitted to CMS for a given program, like MIPS. Clinical quality measures are only used for the respective CMS programs and any production measures should utilize submission to CMS. Because CQM criteria, 315(c)(1)-(c)(3), all work collectively together in the eCQM functionality of the EHR Module, this measurement is used for all three(Record, Calculate and Export).

Measurement Expected Outcome

The measurement will a count and list of eCQMs submitted to CMS over a given interval. We will utilize various reports and audit determine our measure count.

A successful measure submission indicates compliance to the underlying ONC criteria. It will show that the EHR can do calculations on the eCQM and that they are accepted by CMS. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

We will use the measure result 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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #8. Number of Patients Given Access to Portal

Associated Criteria: 315(e)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many patients are given login access to their patient portal account over the course of a given interval.

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

Measurement Justification

This measure will provide a numeric value to indicate how often this interoperability feature is being used. An increment to this measure indicates that the EHR can supply patient health data to the patient portal and provide an account for the patient to use in accessing this data.

Measurement Expected Outcome

The measurement will produce numeric results over a given interval. We will utilize various reports and audit logs, including Automated Measure (315.g.2) reports, to determine our measure count.

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that the EHR can submit patient health data to the patient portal on a regular and consistent basis as well provide an account for the patient to use in accessing this data. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #9. Number of Patients Who Accessed/Logged in to Portal

Associated Criteria: 315(e)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many patients are successfully logged into and accessed their patient portal account over the course of a given interval.

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

Measurement Justification

This measure will provide a numeric value to indicate both the how often this interoperability feature is being used as well as its compliance to the requirement. An increment to this measure indicates that patients can log into their patient portal to view, download, or transmit their health data.

Measurement Expected Outcome

The measurement will produce numeric results over a given interval. We will utilize various reports and audit logs, including Automated Measure (315.g.2) reports, to determine our measure count.

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that patients can log into their patient portal to view, download, or transmit their health data. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #10. Number of Immunization Messages Successfully Sent to IIS/Immunization Registries

Associated Criteria: 315(f)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many immunization messages are created and successfully sent from emr4MD EHR to an IIS/immunization registry over the course of a given interval.

The interval for this measure will be six (6) months.

Measurement Justification

This measure will provide a numeric value to indicate both the how often this interoperability feature is being used as well as its compliance to the requirement. An increment to this measure indicates that the EHR can create an immunization message, including ability to record all clinical data elements, and by sending the message, the EHR demonstrates successful interoperability with an IIS/immunization registry.

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 the EHR can create the HL7 immunization record, including ability to record therequired clinical data elements. In sending the immunization message, the EHR will demonstrate ability to confirm successful interoperability of patient's immunization data to an IIS/immunization registry. Successfully completing this measure also implies users have a general understanding of the emr4MD EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #11. Number of Patient Immunization History Queries Sent

Associated Criteria: 315(f)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many patient immunization history queries are created and successfully sent from emr4MD EHR to an IIS/immunization registry over the course of a given interval.

The interval for this measure will be six (6) months.

Measurement Justification

This measure will provide a numeric value to indicate both the how often this interoperability feature is being used as well as its compliance to the requirement. An increment to this measure indicates that the EHR can create a patient immunization history query message, and by sending the message, the EHR demonstrates successful interoperability with an IIS/immunization registry.

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 the EHR can create the HL7 immunization history query of a patient. In sending the immunization message, the EHR will demonstrate ability to confirm successful interoperability with an IIS/immunization registry. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #12. Number of Syndromic Surveillance Messages Successfully Sent

Associated Criteria: 315(f)(2)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many syndromic surveillance messages are created and successfully sent from the EHR Module to a syndromic registry over the course of a given interval.

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

Measurement Justification

This measure provides a numeric value that indicates both the frequency of use of this interoperability feature and compliance with the associated requirement. An increase in this measure demonstrates that the EHR can successfully create a syndromic surveillance message, including the capture and recording of all required clinical data elements. By transmitting the message to a public health agency or registry, the EHR demonstrates successful interoperability and supports the electronic exchange of syndromic surveillance information for public health reporting purposes.

Measurement Expected Outcome

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

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that the EHR can create the HL7 syndromic surveillance message, including ability to record therequired clinical data elements. In sending the syndromic surveillance message, the EHR will demonstrate ability to confirm successful interoperability of patient's immunization data to public health registry. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #13. Number of API Queries Made with Data Element Results Successfully Returned

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

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many successful API queries of patient data elements from emr4MD EHR to a 3rd party via API over the course of a given interval.

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

Relied Upon Software-315(g)(7)

We emr4MD v9.10 Number of API Queries Made with Data Element Results Successfully Returned (RWT Measure #13) relied on **EMR Direct's"Interoperability Engine"**.

EMR Direct services facilitates healthcare interoperability as mentioned in API-DOCUMENTATION https://www.interopengine.com/2017/open-api-documentation . So, Real World Testing is relied on this 3rd party interoperability solution.

Relied Upon Software-315(g)(10)

We emr4MD v9.10 Number of API Queries Made with Data Element Results Successfully Returned (RWT Measure #13) relied on **EMR Direct's "phiQuery API (Version v1.1.2)"**

The EMR DIrect's phiQuery™ component of Interoperability Engine enables HL7® FHIR®, IHE query and OAuth APIs to meet g(10) standardized API for patient and population services requirements and includes FHIR R4 services, bulk data access etc., . phiQuery API Documentation is available at https://appstudio.interopengine.com . So, The Real World Testing is relied on this 3rd party phiQuery interoperability solution.

Measurement Justification

This measure will provide a numeric value to indicate both the 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 can 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 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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #14. Number of API Queries Made with C-CDA Documents Successfully Returned

Associated Criteria: 315(g)(7), (g)(9)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many C-CDAs are created and successfully sent from emr4MD EHR to a 3rd party via API query over the course of a given interval.

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

Relied Upon Software -(g)(7) & (g)(9)

We emr4MD v9.10 Number of API Queries Made with C-CDA Documents Successfully Returned (RWT Measure #14) relied on **EMR Direct's"Interoperability Engine"** .

EMR Direct services facilitates healthcare interoperability as mentioned in API-DOCUMENTATION https://www.interopengine.com/2017/open-api-documentation . So, Real World Testing is relied on this 3rd party interoperability solution.

Measurement Justification

This measure will provide a numeric value to indicate both the 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 can query the C-CDA 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 a C-CDA of the 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 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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.

RWT Measure #15. Number of Direct Messages Successfully Received

Associated Criteria: 315(h)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many Direct messages were successfully received by emr4MD EHR from a 3rd party over the course of a given interval.

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

Relied Upon Software-315(h)(1)

We emr4MD v9.10 Number of Direct Messages Successfully Received (RWT Measure #15) relied on **EMR Direct's "phiMail Server"**.

EMR Direct's phiMail Server facilitates to send/receive DIRECT MESSAGES SECURELY from/to TRUSTED DIRECT E-MAIL addresses. So, Real World Testing is relied on this 3rd party interoperability solution.

Measurement Justification

This measure will provide a numeric value to indicate both the how often this interoperability feature is being used as well as its compliance to the requirement. An increment to this measure indicates that the EHR can receive a Direct message and demonstrates successful interoperability of an exchanged message from a 3rd party.

Measurement Expected Outcome

The measurement will produce numeric results over a given interval. We will utilize various reports and audit logs, including Automated Measure (315.g.2) reports, to determine our measure count.

A successful measure increment indicates compliance to the underlying ONC criteria. It will show that the EHR and its HISP can be authenticated with Direct Trust, receive a Direct message, return a MDN, and demonstrate interoperability of an exchanged message with a 3rd party. Successfully completing this measure also implies users have a general understanding of the EHR functional operations for this EHR Module and an overall support for the user experience while not completing this measure may indicate lack of understanding or possibly lack of use or need for this functionality.

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

This measure is designed to test the small ambulatory practice we support and target. We will use a minimum of three or four providers across one or two different practices. This number covers a sufficient percentage of existing practices to provide a viable sample of users of the certified EHRs.