CY 2024 Real World Testing Report for MedNet Medical Solutions

Executive Summary

This is the test report for CY 2024 real world testing for MedNet Medical Solutions, 2015 Cures Update certified EHR solution (emr4MD Version 9.10). This is the companion document to our CY 2024 real world test plan that described our approach for conducting real world testing in CY 2024 and the testing measures we employed.

Our findings show that EHR is working as it was certified as no errors or non-compliances were observed. Results do indicate the functionality that is widely used, like patient portal, electronic prescription, and immunization history querying verse that which is not used, such as QRDA Cat I importing and electronic canceling of prescriptions.

For each our CY 2024 Real World Testing Measures, we have recorded our results and findings. If any non-conformities or errors were encountered, we noted them. Our signed attestation of compliance with the real world testing requirements is on the following page
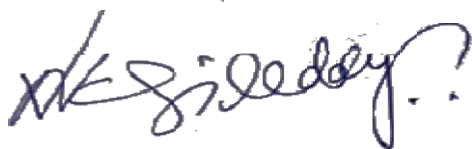
Developer Attestation

This Real World Testing report is complete with all required elements. 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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DATE 03-Mar-2025

General Information

Plan Report ID Number   : MedNet-RWT-2024

Developer Name   : MedNet Medical Solutions

Product Name(s)   : emr4MD

Version Numbers(s)   : 9.10 [*2015 Cures Update Certified Version*]

Certified Health IT Criteria : 170.315 (a)(1-5, 9, 12, 14-15); (b)(1-3, 7-8,10); (c)(1-4);(d)(19, 12-13); (e)(1, 3); (f)(1-2); (g)(2-7, 9-10); (h)(1)

Product List (CHPL) ID(s) and Link(s):

- https://chpl.healthit.gov/#/listing/10214
- 15.04.04.2796.emr4.09.00.1.191218

Developer Real World Testing Page URL: http://mednetmedical.com/rwt_home.html

Timeline and Milestones for Real World Testing CY 2024

- **1Q-2024- Submit RWT Test Report to ONC-ACB:** Begin communication with clients to ask for their support and participation in real world testing. The goal is to have a sufficient number of clients committed for real world testing by the end of 1Q-2024
  - **STATUS: MET**

- **2Q-2024 & 3Q-2024. Conduct Real World Testing with clients:** During the 2nd and 3rd quarter of CY 2024, the real-world testing with clients will be scheduled and performed. It is expected that a preparatory call will be done 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.
  - **STATUS: MET**

- **4Q-2024. Submit RWT Test Plan for CY-2025 to ONC-ACB:** During the last quarter of the year, the CY 2024 real world test plan will be completed according to ONC and ONC-ACB requirements and expectations. Test plan will be prepared for submission before the end of the year.
  - **STATUS: MET**

- **Milestone 1Q-2025. Submit RWT Test Report to ONC-ACB.**
  - **STATUS: MET**

Standards Version Advancement Process (SVAP) Updates

emr4MD Version 9.10(Certified 2015 Cures Update) support's USCDI version 1.0.

Standard (and version)	USCDIv1.0
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	15.04.04.2796.emr4.09.00.1.191218
Method used for standard update	Certification Attestation
Date of ONC-ACB notification	N/A
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)

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.

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.

Testing Results

Practices Queried:1

Practices Reporting Results/Utilizing Certification Functionality:1

Reporting Interval: 12 months (Jan 1, 2024 through Dec 31, 2024)

Testing Metric/Measurement: Number of C-CDA Successfully Sent

	Average Result	*Median Result*
Real Patients Data	0	0
Synthetic patient data	2	2

Measure	Relied Upon Software	Outcomes	Challenges
Number of C-CDA Successfully Sent	EMR DIRECT's **phiMail** Server	• 4 total messages attempted to send using HISP during the reporting period. All 4 messages were failed to deliver, Most of them due to the INCORRECT DIRECT ADDRESS • 2 Messages sent **successfully** using synthetic data during the reporting period to make sure the feature is working.	End-users are failed to understand the difference between regular e-mail and DIRECT e-mail of recipients.

We use synthetic patient data to make sure the feature is working and available for our client(s).

We used EMR DIRECT's **phiMail** Server to deliver our C-CDAs for exchange, and it performed as initially certified and in accordance with ONC criteria.

Analysis and Key Findings

While not every client does share data through C-CDA, those who do send large volumes of patient records through C-CDAs, primarily through their HIE integration. Our results reveal our EHR Module functionality is working as expected.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We revised our reporting period to monitor to 12 months instead of 3 months due to low usage of the feature.

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.

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.

Testing Results

Practices Queried: 1

Reporting Results/Utilizing Certification Functionality:1

Reporting Interval: 6 months (Jan 1, 2024 through Jun 30, 2024)

Testing Metric/Measurement: Number of C-CDA Successfully Received/Incorporated

Average Result:129

Median Result: 177

Analysis and Key Findings

Our results reveal our EHR Module functionality is working as expected, but it also shows that this is not a feature our clients are regularly using in their day-to-day workflows.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

Practices Queried: 1

Reporting Results/Utilizing Certification Functionality: 1

Reporting Interval: 3 months (Oct 1, 2024 through Dec 31, 2024)

Testing Metric/Measurement: Number of Electronic Prescription Messages Sent

Average Result: 586

Median Result: 566

Analysis and Key Findings

Electronic prescribing is a popular feature, and it is widely used by all times of specialties. RWT testing results reveals our EHR Module functionality is working as expected.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

Practices Queried: 1

Practices Reporting Results/Utilizing Certification Functionality: 1

Reporting Interval: 3 months (Oct 1, 2024 through Dec 31, 2024)

Testing Metric/Measurement: Number of Cancel Prescriptions Electronically Sent

Average Result: 28

Median Result: 34

Analysis and Key Findings

The cancel prescription feature is actively used by our clinicians in their normal practice as and when needed.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics

RWT Measure #5.   Number of Patient Batch Exports Run

Associated Criteria: 315(b)(6)

Note: After submitting the CY-2024 RWT plan, we received certification for '170.315. (b)(10) Electronic health Information export' module, and § 170.315(b)(6) is replaced.

Testing Methodology: Reporting/Logging

Measurement Description

This measure 170.315. (b)(10) is tracking and counting how many batch exports of C-CDAs were successfully performed by emr4MD EHR over the course of a given interval. The interval for this measure will be three (3) months.

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.

Testing Results

Practices Queried: 1

Practices Reporting Results/Utilizing Certification Functionality: 0

Reporting Interval: 3 months (Oct 1, 2024 through Dec 31, 2024)

Testing Metric/Measurement: Number of C-CDA Batch Exports Sent

	Average Result	*Median Result*
Real Patients Data	0	0
Synthetic patient data	2	2

Measure	Relied Upon Software	Outcomes	Challenges
Number of C-CDA Batch Exports Sent	**phiQuery** of EMR Direct's Interoperability Engine	• Practice never tried to create/send any batch CDA export(s) in reporting period, but • 2 C-CDA batches were created and sent **successfully** using synthetic data during the reporting period to make sure the feature is working.	This feature is not used by the practice.

Analysis and Key Findings

We have only single practice, and they are not using batch export functionality.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

Practices Queried: 1

Practices Reporting Results/Utilizing Certification Functionality: 0

Reporting Interval: 3 months (Oct 1, 2024 through Dec 31, 2024)

Testing Metric/Measurement: Number of Patient C-CDAs Created with Data Segmentation for Privacy Capabilities Enabled

	Average Result	Median Result
Real Patients Data	0	0
Synthetic patient data	1	1

Measure	Relied Upon Software	Outcomes	Challenges
Number of Patient C-CDAs Created with Data Segmentation for Privacy Capabilities Enabled	**none**	• Not seen any data segmentation CCDA documents in reporting practice, but • 1 C-CDA file generated with data segmentation and privacy capability enabled **successfully** using synthetic data during the reporting period to make sure the feature is working.	This feature is not used by the practice.

Analysis and Key Findings

We have only single practice, and they are not using Data Segmentation for Privacy Capabilities Enabled functionality.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

Practices Queried: 1

Providers Reporting Results/Utilizing Certification Functionality: 3

Reporting Interval: 12 months (Jan 1, 2024 through December 31, 2024)

Testing Metric/Measurement: Number of eCQMs Calculated and Submitted to CMS

16 measure submissions across 3 different providers

16 different eCQMs submitted across 3 different providers

CMS 2, CMS 22, CMS 50, CMS 68, CMS 69, CMS 122, CMS 124, CMS 125, CMS 130, CMS 131, CMS 138, CMS 139, CMS 144, CMS 145, CMS 149, CMS 165

Most common measures submitted was CMS 68 (Documentation of Current Medications in the Medical Record) and CMS 138 (Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention) by all 3 providers, CMS 69 (Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan) by 3 providers, and CMS 22 (Preventive Care and Screening: Screening for High Blood Pressure and FollowUp Documented) and CMS 156 (Use of High-Risk Medications in the Elderly) by 3 providers.

Analysis and Key Findings

Our results reveal our EHR Module functionality is working correctly as we no reported issues. It also reveals the measures which are the of the greatest interest to our community.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

Practices Queried: 1

Practices Reporting Results/Utilizing Certification Functionality: 1

Reporting Interval: 3 months (Oct 1, 2024 through Dec 31, 2024)

Testing Metric/Measurement: Number of Patients Given Access to Portal

Average Result: 460

Median Result: 430

Analysis and Key Findings

Our results reveal our patient portal is extremely popular and widely used. It is also noteworthy the difference in average results verses the median. While every practice reporting showed at least some patients from their population using the portal, some practices had large number of patients accessing their portal (over 5000 over the time period) but some reported less than 50 patients accessing the portal.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

Practices Queried: 1

Practices Reporting Results/Utilizing Certification Functionality: 1

Reporting Interval: 3 months (Oct 1, 2024 through Dec 31, 2024)

Testing Metric/Measurement: Number of Patients Who Access or Logged into Patient Portal

Average Result: 299

Median Result: 245

Analysis and Key Findings

Our results reveal our patient portal is extremely popular and widely used. It is also noteworthy the difference in average results verses the median. While every practice reporting showed at least some patients from their population using the portal, some practices had large number of patients accessing their portal (over 5000 over the time period) but some reported less than 50 patients accessing the portal.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

Practices Queried: 1

Practices Reporting Results/Utilizing Certification Functionality: 1

Reporting Interval: 6 months (Jan 1, 2024 through June 30, 2024)

Testing Metric/Measurement: Number of Immunization Messages Successfully Sent

Average Result: 53

Median Result: 29

Analysis and Key Findings

For practices connected to an immunization registry, they were able to send data with the registry.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

Practices Queried: 1

Practices Reporting Results/Utilizing Certification Functionality: 1

Reporting Interval: 6 months (Jan 1, 2024 through June 30, 2024)

Testing Metric/Measurement: Number of Patient Immunization History Queries

Average Result: 1

Median Result: 1

	Average Result	*Median Result*
Real Patients Data	1	1

Measure	Relied Upon Software	Outcomes	Challenges
Number of Patient Immunization History Queries	None	1 Immunization history query raised by the practice in given period. The query request submitted **successfully,** and the response received.	None

Analysis and Key Findings

During this period clinicians used immunization history query very minimal.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

We survey 1 practice, and none reported using Syndromic Surveillance.

	Average Result	*Median Result*
Real Patients Data	0	0
Synthetic patient data	1	1

Measure	Relied Upon Software	Outcomes	Challenges
Number of Syndromic Surveillance Messages Successfully Sent	None	• Zero Syndromic Surveillance Messages sent by the practice, but • 1 Syndromic surveillance message created and sent **successfully** using synthetic data to make sure the feature is working.	None

Analysis and Key Findings

Our results reveal this functionality is not currently needed by our user community.

Non-Conformities or Errors Discovered

From our survey, providers did not indicate they experienced any errors or criteria nonconformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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

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.

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.

Testing Results

We tested the FHIR API functionality of 3 providers within a multispecialty practice. We used fake but realistic patient data and tested against the Inferno FHIR test tool. For each one, we reported 100% success across all test scenarios.

Analysis and Key Findings

While we do not yet have any FHIR applications using our APIs in production, our results indicate they should be able to successfully connect with our server.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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

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.

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.

Testing Results

We tested the FHIR API functionality of 3 providers within a multispecialty practice. We used fake but realistic patient data and tested against the Inferno FHIR test tool. For each one, we reported 100% success across all test scenarios.

Analysis and Key Findings

While we do not yet have any FHIR applications using our APIs in production, our results indicate they should be able to successfully connect with our server.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.

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.

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.

Testing Results

Practices Queried: 1

Practices Reporting Results/Utilizing Certification Functionality: 1

Reporting Interval: 3 months (Oct 1, 2024 through Dec 31, 2024)

Testing Metric/Measurement: Number of Patient Immunization History Queries

Average Result: 210

Median Result: 187

Analysis and Key Findings

We can see very little, but constant use of Direct Messages service.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities.

Changes for this Measure from Original RWT Test Plan

We did not make any notable changes from our documented RWT Test Plan in our testing methods or metrics.