

SecureEMR version 5.0 Real World Testing Plan and Results CY2024

Developer Name:	Inmediata Health Group
Product Name:	SecureEMR
Version Number:	5.0
CHPL ID:	15.07.04.2769.SE01.05.01.1.221228
RWT Page URL:	https://portal.inmediata.com/emr/#rwt



Testing Plan

Justification for Real World Testing Approach

Inmediata Health Group will be conducting a Real World Testing using SecureEMR 5.0 to measure the end-user engagement and effectiveness of the E-Prescribing [criteria 170.315(b)(3)] module of our EHR.

E-Prescribing is a very important module to our end-users and their patients since it simplifies the process for fulfilling and renewing prescriptions.

Our approach is to use de-identified analytics reports to measure the use of electronic prescriptions transactions (new prescriptions and refill requests) from our providers.

We will also measure the error rate for the transactions submitted to our e-prescriptions clearinghouse to demonstrate our compliance with NCPDP Standard V2017071.

Standards Updates (SVAP and USCDI)

NCPDP Standard V2017071

Care Setting

Ambulatory

Overall Expected Outcome

- Real World Testing will show a high rate of usage in the prescription module with our providers in comparison to those users that are not using this module.
- Real World Testing will show a higher rate of electronic prescriptions in comparison to those prescriptions sent by fax to the pharmacies.
- Real World Testing will show a low rate of errors from our prescription hub.

Measures Used

Measure #1

- **Certification Criteria:**

170.315(b)(3) E-Prescribing

- **Justification**

E-Prescribing is a very important module to our end-users and their patients since it simplifies the process for fulfilling and renewing prescriptions.

- **Test Methodology**

Our approach is to use de-identified analytics reports to measure the use of electronic prescriptions transactions (new prescriptions and refill requests) from our providers.

We will also measure the error rate for the transactions submitted to our e-prescriptions clearinghouse to demonstrate our compliance with NCPDP Standard V2017071.

- **Relied upon software**

Our application relays on **Surescripts** as our e-prescription hub and **First Data Bank MedKnowledge** as our medications database to meet criteria 170.315(b)(3) E-Prescribing. We will analyze the responses from Surescripts to measure the error rate for our providers using electronic prescriptions. At this time, the real-world testing will not be considering specific medications from the FDB data source.

- **Expected Outcome**

1. Real World Testing will show a high rate of usage in the prescription module with our providers in comparison to those users that are not using this module.
2. Real World Testing will show a higher rate of electronic prescriptions in comparison to those prescriptions sent by fax to the pharmacies.
3. Real World Testing will show a low rate of errors from our prescription hub.

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.

Real World Test Results

The dataset used for this analysis is the production prescription data from January 1st of 2024 until December 31st of 2024.

1. Real World Testing will show a high rate of usage in the prescription module with our providers in comparison to those users that are not using this module

Result: 25.5%

Conclusion: The results show that not all our providers are prescribing in all patient encounters since for all the visits documented during 2024, only 25.5% had, at least, one prescription created in the system.

2. Real World Testing will show a higher rate of electronic prescriptions in comparison to those prescriptions sent by fax to the pharmacies

Result: 70.6%

Conclusion: The results confirm that most of the prescriptions created in the system were electronically transmitted using our e-Prescription hub in comparison with those printed or faxed.

3. Real World Testing will show a low rate of errors from our prescription hub

Result: 0.72%

Conclusion: It has been confirmed that the number of errors/rejections from our prescription hub is very low.

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