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# Test Results

Real World Testing



Amit Borse

ADDISON HEALTH SYSTEMS INC.

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## 1. General Information

<b>Company Info</b>	
Developer Name	Addison Health Systems
Contact Name	Greg Winterkamp
Certified Product Name	WritePad EHR
List of Versions Certified	Writepad v10
Current Certified Health IT Product List (CHPL) ID	15.02.05.1043.ADDI.02.02.1.221219
Previous Certified Health IT Product List (CHPL) ID	15.02.02.1043.A099.01.00.1.191009
Edition	2015 Edition
Developer Real World Testing Page URL	<a href="https://www.writepad.com/meaningful-use">https://www.writepad.com/meaningful-use</a>
E-Mail	gwinterkamp@writepad.com
Phone Number	972-392-7778 x 108
<p>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.</p> <p>I, Greg Winterkamp, attest that the statements in this document are complete and accurate.</p>	
Date	01/15/2023

<b>Associated Certification Criteria for real World testing</b>	
170.315.(b)(1)	Transition of Care (XDR / SMTP)
170.315.(b)(2)	Clinical Information Reconciliation
170.315.(b)(6)	Data Export
170.315.(e)(1)	View, Download & Transmit
170.315.(g)(7)	Application Access – Patient selection
170.315.(g)(8)	Application Access – Data Category request
170.315.(g)(9)	Application Access – All data request

## 2. CHANGES TO ORIGINAL PLAN

<b>Summary of Change</b> [Summarize each element that changed between the plan and actual execution of Real World Testing]	<b>Reason</b> [Describe the reason this change occurred]	<b>Impact</b> [Describe what impact this change had on the execution of your Real World Testing activities]
B.1 Measure	We use 3 <sup>rd</sup> party software called EMRdirect for direct messaging. There is an additional cost to purchase account with them. But none of our doctors want to purchase. So, we couldn't use EMR direct for direct messaging. But apart from that we did test b.1 measure where we import CCDA and show in Writepad.	We did not test direct messaging part but its completely outside of Writepad because its 3 <sup>rd</sup> party app.

## 3. Care Setting

Application could have been used for a number of different specialties. Testing approach would be same for all specialties. We could have done testing with any specialties but for RWT, we have chosen Physical Medicine and Rehab care settings because application is widely used among these 2 care settings. We had onboarded 3 clients to test above certified measures with a real-world testing plan from Jan 1<sup>st</sup>, 2022. To start we had an onboarding webinar for clients so that they can understand the task around each measure.

## 4. Schedule of Key Milestones

Release of documentation for the Real-World Testing to be provided to authorized representatives and providers about transitions of care.	Dec 1 <sup>st</sup> 2022
Begin collection of information as laid out by the plan.	January 1, 2022
Meet with previously identified providers and authorized representatives to ensure that Real World Testing protocols are effective.	February 2022
	Quarterly, 2022
Data collection and review.	Quarterly, 2022
End of Real-World Testing period/final collection of all data for analysis.	January 2023
Analysis and report creation.	January 1, 2023
Submit Real World Testing report to ACB (per their instructions)	January 15, 2023

## 5. SUMMARY OF TESTING METHODS AND KEY FINDINGS WITH METRIC

### 5.1 170.315. (b)(1) Transitions of care

In this measure we have showed providers that how they can import CCDA document if they have received via direct message or by any other way. That CCDA document they can view in Writepad. For viewing purpose CCDA sections can be re-arranged as well. Also they can generate CCDA document for patient(s) and send document via direct message. We use EMRDirect for direct messaging. Its 3<sup>rd</sup> party company.

#### Relied Upon Software:

Writepad uses 3<sup>rd</sup> party tool called **EMRDirect** for direct messaging. When we send/receive direct email with CCDA document provider records that info in Writepad.

#### 5.1.1 Testing Methodology

In Writepad we have tracked

- Request date for CCDA file.
- Date to CCDA file received and download once clinical summary received.
- Date on which CCDA imported.
- Date on which CCDA was sent.
- We have built a dashboard within the application which tracks the above information. So at the end of the quarter, we collected data manually from the application. Dashboard is designed in such a way that we can collect information for specific/all providers or clinics or date range. We have asked clients to report error(s) if they got. We have checked our Error logs to track errors.

#### 5.1.2 Challenges Faced

- Educate clients about how to exchange information using direct messaging. And none of our doctors were interested in it because there is an extra cost for this.
- Right now EMRDirect is outside of Writepad. I think flow needs to be little smooth. May be integrated flow would have been better.

#### 5.1.3 Test Results

Test Results are reported in this format. Data is collected from 3 different clinics.

Duration	Number of Patients Referred in	Number of Referral summary/TOC received.	Number of CCDA Imported
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	3	3	2
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	1	1	1
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	1	1	1

### 5.1.3 Outcome(s)

Real World Testing demonstrated that the Health IT Module is conformant to § 170.315.(b)(1) Transitions of care certification criterion expect Direct Messaging. Any direct messaging was done outside of Writepad by EMRdirect. We did partial test without EMRdirect.

- Real World Testing demonstrated that the Health IT Module is able to display, a human-readable C-CDA to a user.
- Real World Testing demonstrated that the Health IT Module is able to allows a user to choose to display only the data within a particular C-CDA section, set a preference for the section display order, and set the initial number of sections to be displayed.

## 5.2. 170.315.(b)(2) Clinical-information-reconciliation-and-incorporation

In this measure we have shown providers how to reconcile CCDA document in Writepad. And provider can create reconciled list of drugs, medications and allergies and save that in Writepad. If provider wants, he can export CCDA with reconciled list as well. For result we have tracked data by following method:

### 5.2.1 Testing Methodology

In Writepad we have tracked following,

- Date to CCDA file received once patient gives clinical summary to provider or authorized person.
- Date on which CCDA is imported.
- Date on which reconciled CCDA is exported.
- We have collected the number of clinical reconciliations done for each period by each user. We have built a dashboard within the application which tracks the above information. So at the end of the quarter, we collected data manually from the application. Dashboard is designed in such a way that we can collect information for specific/all providers or clinics or date range. We have asked clients to report error(s) if they got. We have checked our Error logs to track errors.

### 5.2.2 Test Results

Test Results are reported in this format. Data is collected from 3 different clinics.

Duration	Number of Referral summary/TOC received.	Number of Clinical reconciliations performed successfully	Number of CCDA Exported after reconciliation
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	3	2	1
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	1	1	0
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	1	1	0

### 5.2.3 Outcome(s)

Real World Testing demonstrated that the Health IT Module is conformant to § 170.315(b)(2) for the “Clinical-information-reconciliation-and-incorporation” certification criterion.

- Real World Testing demonstrated that Writepad should be able to match a received Transition of Care (TOC)/Referral Summary to the correct patient.
- Real World Testing demonstrated that Writepad can simultaneously display a patient’s active data, and its attributes, from at least two of the following sources: a patient’s medication list, allergies and problem list. Displayed data attributes must include the source and the last modification date.
- Real World Testing demonstrated that user can review, validate, and incorporate a patient’s medication, allergies and problem list.
- Real World Testing demonstrated that Writepad created a C-CDA document should be able to that includes the reconciled and incorporated data.

### 5.3 170.315 (b)(6) Data Export

In this measure we have showed Writepad can export CCDA documents for single and bulks patient(s) by date range or location to their local drive. Provider can authorize the Writepad users who can export CCDA. For result(s) we have tracked data by following method:

#### 5.3.1 Testing Methodology

We kept the log when data export ran, and number of files got exported. If available, we have checked the path where those were exported. Log contains

1. Date range for which the log ran (If available)
2. Number of files exported.
3. Clinic Location (if available)
4. Number of files exported.
5. Export Path

#### 5.3.2 Test Results

Test Results are reported in this format. Data is collected from 3 different clinics.

Date range	Number of files exported
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	3
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	1
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	2

#### 5.3.3 Outcome(s)

Real World Testing demonstrated that the Writepad is conformant to 170.315.(b)(6) Data Export certification criterion.

- Real World Testing demonstrated that Writepad was able to export clinical summary for specific date range specified and locations.
- Real World Testing demonstrated that Writepad permit a user to select a local or network storage location.
- Real World Testing demonstrated that non authorized user cannot export patient data.

- Real World Testing demonstrated that Writepad was able to export more than one patient data.

#### 5.4 170.315. (e)(1) View, Download & Transmit

To test this measure, we have shown providers that they can send clinical summary to the patients in Writetouch portal. We have also shown to clinic that once patient receives clinical summary they can view and download it. Patient can send clinical summary to another person via email in encrypted and unencrypted format.

##### 5.4.1 Testing Methodology

In Writepad we have tracked following,

- Number of clinical summaries sent by provider.
- Number of clinical summaries view or downloaded by patient in Writetouch.
- Number of clinical summaries sent by patient from Writetouch.
- We have collected the number of clinical reconciliations done for each period by each user. We have built a dashboard within the application which tracks the above information. So at the end of the quarter, we collected data manually from the application. Dashboard is designed in such a way that we can collect information for specific/all providers or clinics or date range. We have asked clients to report error(s) if they got. We have checked our Error logs to track errors.

##### 5.4.2 Test Results

Test Results are reported in this format. Data is collected from 3 different clinics.

Duration	Number of clinical summaries sent	Number of clinical summaries view or downloaded by patient	Number of clinical summaries sent by patient
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	3	9	2
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	21	55	0
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	3	11	0

##### 5.4.3 Outcome(s)

Real World Testing demonstrated that the Health IT Module is conformant to 170.315.(e)(1) View, Download & Transmit certification criterion.

- Real World Testing demonstrated that Writepad was able to send clinical summary with minimum CCDS info and provider name and address.
- Real World Testing demonstrated that Patient can view or download CCDA file from Writetouch Portal.
- Real World Testing demonstrated that patient can transmit their health information to a 3rd party via email or encrypted email.



### Challenges Faced

- We have educated providers but we were not sure how much that has been conveyed to the patient about Writetouch portal.

## 5.5 Combine Scenario for 170.315. g.7, g.8 and g.9

In this measure we have showed client that they can use Writepad API to identify patient and return patient id which they use for later reference. With that Patient ID 3<sup>rd</sup> party company called API services which returned CCDS information and Patient information which is part of CCDS information. For demo purpose we have built an application which consumed our API. Our clients used that to test API.

### 5.5.1 Testing Methodology

In Writepad we have tracked following,

- Number of API hit for patient identification.
- Number of API hit for patient data fetching.
- Number of API hit for patient data fetching the complete CCDS info.
- We have built a dashboard within the application which tracks the above information. So at the end of the quarter, we collected data manually from the application. Dashboard is designed in such a way that we can collect information for specific/all providers or clinics or date range. We have asked clients to report error(s) if they got. We have checked our Error logs to track errors.

### 5.5.2 Test Results

Test Results will be reported in this format. Data is collected from 3 different clinics.

Duration	Number of API hit for patient identification	Number of API hit for patient data fetching	Number of API hit for patient data fetching the complete CCDS info
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	9	61	11
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	0	0	0
Jan 1 <sup>st</sup> 2022 till Dec 31 <sup>st</sup> 2022	1	7	1

### 5.5.3 Expected Outcome(s)

- Real World Testing demonstrated that the Health IT Module is conformant to 170.315.(g)(7) Application Access – Patient selection  
170.315.(g)(8) Application Access – Data Category request  
170.315.(g)(9) Application Access – All data request.
- Real World Testing demonstrated that Writepad API able to identify the patient correctly from the info provided by 3<sup>rd</sup> party.
- Real World Testing demonstrated that Writepad API was able to send Patient Data on category bases.
- Real World Testing will demonstrate that Writepad API able to send complete CCDS Patient Data with combination of date.

#### 5.5.4 Challenges Faced

We have given APIs to clinic but there were no 3<sup>rd</sup> party companies which were ready to consume our API. We had to built 3<sup>rd</sup> party app to show them purpose of API and how they can use our API to get information out of Writepad.

## 6. STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT)

No, none of my products were updated before SVAP or USCDI before Aug 31<sup>st</sup> , 2022.