Dexter Solutions Inc

Dexter-Solutions.

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

Real World Testing Plan

Developer Name: Dexter Solutions Inc

Product Name: eZDocs EHR

Version Number: 5.0

CHPL ID: 15.02.02.2708.A110.01.00.1.191230

Testing Page URL: https://dexter-solutions.com/certification

USCDI Version: USCDI Version 1.0

No current standards have been updated under the standards version advancement process.

Assumptions:
Execution of the test plan is dependent on customer participation and availability. Dexter Solutions Inc will try its best to engage the customer throughout CY 2022 to complete the testing.

Dexter Solutions Inc

Dexter-Solutions.

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

Justification of RWT Approach

Description of Testing Plan:

This test plan is to demonstrate the different use cases in the real world to give the end users (clients) a better understanding of the features and different functions of the EHR in order to satisfy each requirement required by certification criteria.

The testing will be performed in an ambulatory setting and will be using live data (in some cases) to demonstrate each use case. E.g. transition of care criteria direct email addresses will be of real providers. NO PHI of real patients will be used during the testing.

The end users will be notified in advance to prepare for the data (if any) before the actual testing is done.

The testing will have to be conducted in different settings in order to capture the complete workflow.

Example A referral order generated at the primary care's office and transmitted to the specialist. The specialist will import and reconcile the medications, allergies and problem list and eventually generate and transmit the consultation note back to the primary care provider.

Testing Methods / methodologies

One or more methods will be used to accomplish complete testing of use cases for one or more certification criteria's.
- Manual data entry
- Screenshots of manually entered data
- Evidence of data entry supported by log files and time stamps.
- Analysing of Audit log files

Applicable Care Setting:

Internal Medicine
Speciality Medicine

Expected Outcomes

Clients will be able to successfully demonstrate all interoperability elements related to the certification

Dexter Solutions Inc

Dexter-Solutions.

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

MEASURES USED IN OVERALL APPROACH

Certification Criteria:
170.315(b)(2) Clinical Information reconciliation and incorporation

Description of Measurement / Metric

Demonstration of incorporation and reconciliation of problem list, medications and allergies from received C-CDA data file with the data present in the HER (if Any)

Justification of selected Measurement / Metric

To demonstrate the ability import and reconcile problem list, medications and allergies when received from external setting into the EHR.
Reconciliation is a process of combining the data from external sources and existing EHR data.

Applicable Care Settings Primary Care / Internal Medicine / Speciality Medicine

Expected Outcomes

Documentation and screen shots evidencing the parsing of discrete problems, medications, and medication allergies from an inbound C-CDA with reconciliation of that data into the EHR problem list, medication list and allergy list.

Dexter Solutions Inc

Dexter-Solutions.

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

Certification Criteria:
170.315(b)(3) Electronic Prescribing

Description of Measurement / Metric

Demonstrate creation and transmission of an electronic prescription in a client production environment.

Justification of selected Measurement / Metric

To demonstrate the ability to create and transmit electronic prescriptions successfully in a real-world environment.

Applicable Care Settings Primary Care / Internal Medicine / Speciality Medicine

Expected Outcomes

Documentation and screen shots evidencing the ability to create and transmit electronic prescriptions as well as validate successful transmission of real-world prescriptions.

Dexter Solutions Inc

Dexter-Solutions.

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

Certification Criteria:
170.315(b)(6) Data export

Description of Measurement / Metric

Demonstrate the ability to generate complete data export of one or all patients in the database. Generated data file will be in C-CDA format and will be stored in a file location at the client site which can be downloaded at any time.

Justification of selected Measurement / Metric

To demonstrate the ability to successfully generate a set of C-CDAs on demand based upon a list of patients in a real-world environment.

Applicable Care Settings Primary Care / Internal Medicine / Speciality Medicine

Expected Outcomes

Documentation and screen shots evidencing the ability to export data in C-CDA format for one or all patients with all relevant health information.

D e x t e r S o l u t i o n s I n c

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

Dexter-Solutions.

Certification Criteria:
170.315(c)(1) Clinical quality measures – record and export

Description of Measurement / Metric

Demonstrate of the ability to capture data elements for specific clinical quality measures that the client intends to report data on.

Demonstrate the ability to export CQM data recorded in the EHR in QRDA 1 and QRDA 3 format and import that into the Cypress Test Tool for calculation of specified quality measures that will match the results obtained in the testing for 170.315(c)(2).

Justification of selected Measurement / Metric

To demonstrate the ability to capture all data elements for each certified clinical quality measure (CQM) and export the data in QRDA-1 and QRDA-2 report format which can be imported into other systems (CYPRESS for testing) for submission to CMS.

Applicable Care Settings Primary Care / Internal Medicine / Speciality Medicine

Expected Outcomes

Documentation and screen shots evidencing the ability to capture data elements and export the clinical quality measures in QRDA 1 and 3 formats

Dexter Solutions Inc

Dexter-Solutions.

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

Certification Criteria:

170.315(c)(2) Clinical quality measures – import and calculate

Description of Measurement / Metric

Demonstration of the ability to calculate quality measures for the patient population and measures specified in the demonstration for 170.315(c)(1) and match to the quality measure results obtained from the Cypress Test Tool.

Justification of selected Measurement / Metric

Demonstrate ability to import the QRDA 1 files generated in 170.315(c)(1) criteria in CYPRES Test Tool which calculates and verifies the initial population, denominators, numerators, exclusions and exceptions for each quality measure

Applicable Care Settings Primary Care / Internal Medicine / Speciality Medicine

Expected Outcomes

Documentation and screen shots evidencing successful import and measure calculations out of the Cypress Test Tool.

Dexter Solutions Inc

Dexter-Solutions.

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

Certification Criteria:
170.315(c)(3) Clinical quality measures – Report

Description of Measurement / Metric

Demonstration of the ability of the EHR to generate a report to quantify the initial population, denominator, numerator, exclusions and exceptions for each measure as configured by the client.

Justification of selected Measurement / Metric

To demonstrate ability to generate a human readable report for eCQM metrics and generate the QRDA 1 and 3 files acceptable for submission to CMS sponsored quality reporting programs.

Applicable Care Settings Primary Care / Internal Medicine / Speciality Medicine

Expected Outcomes

Documentation and screen shots evidencing successful validation of the QRDA 1 & 3 files using standard testing tools.

Dexter Solutions Inc

Dexter-Solutions.

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

Certification Criteria:
170.315(f)(1) Transmission to public health agencies—immunization registry

Description of Measurement / Metric

Demonstrate the ability of the EHR to generate a VXU message for administered immunization and transmit to immunization registries.

Demonstrate the ability to pull the historical immunization information for a patient from the registry.

Justification of selected Measurement / Metric

To demonstrate ability to generate and submit immunization information to the state immunization registries. Submission of immunization is mandated in many states.

Applicable Care Settings Primary Care / Internal Medicine

Expected Outcomes

Documentation and screen shots evidencing successful submission of immunization to the registries.

Dexter Solutions Inc

Dexter-Solutions.

28369 Davis Parkway
Suite 403
Warrenville, IL 60555

Phone: (630) 219-1919
Fax: (630) 491-0071
E-mail: info@dexter-solutions.com

Certification Criteria:
170.315(g)(7) Application access – Patient selection.
170.315(g)(8) API - Data Category
170.315(g)(9) Application access – All data request.

Description of Measurement / Metric

Demonstrate the ability to request and make a patient selection based on patient name and date of birth via a 3rd party application that is connected to EHR's patient-facing API following authentication.

Demonstrate the ability to make a data category request for one or more data elements from the Common Clinical Data Set via a 3rd party application that is connected to EHR's patient-facing API following authentication.

Demonstrate the ability to fulfill the data request made based on the selected data category and generate the data file in C-CDA format which can be received and incorporated into the 3rd part application.

EHR must be able to receive a request with sufficient information to uniquely identify a patient and return an ID or other token that can be used by an application to subsequently execute requests for that patient's data

Justification of selected Measurement / Metric

To demonstrate ability to request, validate and share PHI across different EHR and Reporting platforms.

Applicable Care Settings Primary Care / Internal Medicine / Speciality Medicine

Expected Outcomes

Documentation and screen shots evidencing end to end functionality of requesting, identifying and selecting data elements to be exported.

Limitations
We are not aware of any 3rd party applications which are trying to consolidate the PHI acquired from different sources. The testing will be conducted using the testing tools provided by our partner EMR Direct.