

**Measure Description:**  
 Export all available data elements from the Common Clinical Dataset (CCDS) for a population of patients for use in a different health information technology product or a third party system. This export can be used for many purposes, including data portability when a physician practice switches to a new EHR platform.

**Justification:**  
 We chose to concentrate on the aspects of this criterion that would:  
 1) demonstrate ConnectEHR's ability to export batches of patient data in a straightforward fashion  
 2) facilitate interoperability by providing the exported data in the form of valid CCD files that conform to the HL7 standards as described in the HL7 Implementation Guide for CDA® Release 2: Consolidated CDA Templates for Clinical Notes (US Realm).

**Metric Description:**  
 1) 100 Percent of Exports ran at the correct time.  
 2) C-CDA count matches actual patient count for requested date range.  
 3) Spot-checked C-CDAs pass scorecard with average overall grade of "C" or better.

**Standards Implemented:**  
 • HL7 Implementation Guide for CDA® Release 2: Consolidated CDA Templates for Clinical Notes (US Realm), Draft Standard for Trial Use, Volume 1 - Introductory Material, Release 2.1, August 2015  
 • HL7 Implementation Guide for CDA® Release 2: Consolidated CDA Templates for Clinical Notes (US Realm), Draft Standard for Trial Use, Volume 2 - Templates and Supporting Material, Release 2.1, August 2015

**Developer Info:**  
 EmpowerSystems  
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 Oak Brook, IL 60523  
 877-674-5973  
 Care Setting:  
 Inpatient  
 https://www.empower.md/real-world-testing/

**Product Info:**  
 Product Name: Empower Inpatient+Ambulatory  
 Product Version: 1.1.57  
  
 CHPL ID:  
 15.04.04.2918.Empo.01.01.1.230726

**Methods Use to Demonstrate Interoperability:**  
 1) Visual validation/counting  
 2) Test output file with C-CDA scorecard to ensure correct format/contents.

Real World Testing URL:

| Test Step: | Testing Procedure:  | Expected Outcomes:   | Key Milestone Date:                   | Key Milestone: | Outcomes:   | Comment(s): |
|------------|---|--|---------------------------------------|----------------|---|-------------|
| 1          | Using production data in an actual live environment or copy of live environment, demonstrate the ability to configure data export configurations for Timeframe and Location | <ul style="list-style-type: none"> <li>Date and time ranges can be configurable via the UI</li> <li>Targeted Practices can be configurable via the UI</li> <li>Patients exported can be configurable via the UI</li> </ul> | Start test plan execution: May, 2024  | FALSE          | We are using Maimonides Midwood Community Hospital for this RWT   |             |
| 2          | Demonstrate the ability to limit the set of users who can create export summaries   | Logging in as a VendorAdmin will allow access to the export functionality  |                                       |                | Selected a vendor admin's login and was able to see Data Export feature in ConnectEHR                     |             |
| 3          | Confirm users roles that have been denied export summary access cannot create export summaries  | Logging in as a non-VendorAdmin will not allow access to the export functionality  |                                       |                | Confirmed with regular login and data export was not available.   |             |
| 4          | Create and validate an export for a single patient  | Use the Edge Test Tool to check validity of output file  | June, 2024                            | FALSE          | tried uploading a sample patient to edge test tool and file returned with errors                          |             |
| 5          | Create an export summary for data within a entered date and time range  | <ul style="list-style-type: none"> <li>Data was available for the entered date and time range</li> <li>The export summary contained data only within that date and time range</li> </ul>                                   |                                       |                | Will open a ticket with DHIT with the errors  |             |
| 6          | Create an export summary in real time   | Export summary was created and completed successfully  | July, 2024                            | FALSE          | Was able to run the export for 11/1/2024-11/2/2024  |             |
| 7          | Create an export summary based on a relative date and time (Ex. Every first of every month @ 7 AM)  | The scheduled export summary would be display and be visually validated  |                                       |                | Data from the export matched Empower's patients for that date range                                       |             |
| 8          | Create an export summary for a specific date/time (Ex. 07/16/2021 @ 3:30 PM)  | <ul style="list-style-type: none"> <li>The scheduled export summary was created successfully</li> <li>The specific date/time would be in the near future so the export could be confirmed</li> </ul>                       |                                       |                | Was able to run the export for that date range  |             |
| 9          | Save the export summary to a preferred location at the time of export.  | <ul style="list-style-type: none"> <li>Saving to a preferred location is allowed</li> <li>Visually confirming the export after save is performed and successful</li> </ul>   |                                       |                | was able to schedule the export summary, but report never triggered                                       |             |
| 10         | Calculate and compile metrics   |  | Complete test execution: August, 2024 | FALSE          | Will start a new ticket with DHIT   |             |
|            |   |  |                                       |                | Was able to export data in real time. Had issues with scheduling. CCDA with testing tool had some errors. |             |

**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.

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| Date: 10/31/2023                                   |