# Test Criteria: 170.315.f.4 – Transmission to Cancer Registries

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| --- | --- |
| **Testing Result** |  |
| Participant and Product-with-version |  |
| Setting (Ambulatory or Inpatient) |  |
| Test Proctor |  |
| Test Date |  |
| Test Result | Pass:  Fail:  No Attempt: |
| Error Description (if applicable) |  |
| Modifications to Product Under Test |  |
| Additional Software Used |  |
| Additional Proctor Notes |  |

### Overview

In this document you will find:

* [Test Data and Test Tools](#_Test_Data_and)
* [Standards Support](#_Demonstrate_Standards_Support)
* [Drummond Test Report (Instructions, Expected Results, Points to Remember)](#_170.315(f)(4)-Transmission_to_Cance)
* [Test Procedures](#_1.1_Create_cancer)
* [Appendix A: Testing Guide](#_Appendix_A:_Testing)
* [Appendix B: ONC Criteria](#_Appendix_B:_ONC)

### Version of ONC Test Method

1.2

### Scope of Proctoring Sheet

The ONC test method associated with this criterion is the only approved test method for EHR Meaningful Use certification. This Proctoring Sheet is not a replacement test method but a test procedure document for performing the ONC test method and recording the results. Proctoring Sheet describe test data, test criteria and expected results. It is assumed the Health IT Developer or Participant under Test is familiar with the associated ONC test method.

# Robustness and Reliability Requirement

To satisfy the module criteria, it is expected that the Product-Under-Test is able to complete the testing requirements reliably, including repeat testing with the same result without error, and with a satisfactory level of robustness. This includes unexpected error messages produced through normal operation, multiple unintended restarts of the application or any other “buggy” facets of the product displayed while testing. These errors are record in the Additional Proctor Notes of the proctor sheet. Lack of reliability and robustness of design will result in failure of the module.

# Test Data and Tools

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| --- | --- |
| **Test Data Source:** | ONC-Supplied  DG-Supplied:  Developer-Supplied: |
| **Pre-Test Data Setup:**  Health IT developer pre-loads all five (5) Test Cases from the [Cancer Report Validator (CRV)](http://cda-validation.nist.gov/cda-validation/muCRV.html). | |
| **Test Data:**  [CRV Cancer Test Cases](http://confluence.siframework.org/x/kwALAw) | |
| **Test Tools:**  [Cancer Report Validator (CRV)](http://cda-validation.nist.gov/cda-validation/muCRV.html) | |

# Demonstrate Standards Support

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| --- | --- |
| **Test Result:** | PASS:  FAIL:  No Attempt: |
| **Instructions:** Implement standards below for cancer case information. For additional references, click [here](https://www.healthit.gov/policy-researchers-implementers/meaningful-use-stage-2-0/standards-hub) for the ONC Standards Hub. | |

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| --- | --- | --- |
|  | **Standard** |  |
|  | §170.205(i)(2) | HL7 Implementation Guide for CDA® Release 2: Reporting to Public Health Cancer Registries from Ambulatory Healthcare Providers, Release 1.1, April 2015. |
|  | §170.207(a)(4) | International Health Terminology Standards Development Organization (IHTSDO) Systemized Nomenclature of Medicine Clinical Terms (SNOMED CT®) U.S. Edition, September 2015 Release |
|  | §170.207(c)(3) | Logical Observation Identifiers Names and Codes (LOINC®) Database version 2.52, Released June 2015 |

# 170.315(f)(4)-Transmission to Cancer Registries

|  |  |
| --- | --- |
| **Test Result:** | PASS:  FAIL:  No Attempt: |
| **Instructions:** Create cancer case information for electronic transmission. | |
| **Expected Test Result:**  Health IT module must:   * Record cancer information and generate cancer case document according to the §170.205(i)(2) HL7 Implementation Guide for CDA® Release 2: Reporting to Public Health Cancer Registries from Ambulatory Healthcare Providers, Release 1.1, April 2015. * Support §170.207(a)(4) SNOMED CT® and §170.207(c)(3) LOINC® codes for cancer case information | |
| **Points to Remember:**   * This certification criterion is intended for technology designed for the ambulatory setting. * Test Scenario 2 has two choices (1A or 1B). The difference is based on the HIT module’s ability to record radiation treatment information. If the HIT can utilize the information in the radiation oncology section, then version “A” should be used. The information in version “B” indicates the manner in which that information can be nulled. | |

**Test Procedures**

### 1.1 Create cancer case reports

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| --- | --- |
|  | User identifies patient records containing pre-loaded cancer case data or inputs cancer case information in patient records. |
|  | User logs into health IT module and generates the cancer case report for Test Case 1A or 1B and provides a copy of the report to the Proctor. |
|  | Proctor validates the report using the Cancer Report Validator Tool to verify compliance. |
|  | Proctor utilizes Context-based Validation Report and Juror Document to visually inspect equivalent text for:   * Content for all section level narrative text; and * Display names: if the context-based validation indicates a mismatch, equivalent entries are allowable |
|  | Repeats steps above for each test case (see list below). |

<INSERT Test Tool Report for 1A\_ with Radiation *or* 1B\_without Radiation>

<INSERT Test Tool Report for 2\_Cancer\_Diagnosis\_with\_No\_Treatment>

<INSERT Test Tool Report for 3\_Two\_Cancer\_Diagnoses>

<INSERT Test Tool Report for 4\_Two\_Cancer\_Diagnoses\_Update>

### 2.1 Non-Reportable

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| --- | --- |
|  | User identifies patient record containing pre-loaded cancer case data or inputs cancer case information for Test Case 5. |
|  | User logs in and verifies the health IT module does not generate a CDA report for test case 5. |

<INSERT SCREEN SHOTS>

### 3.1 Visual inspection of vocabulary standards

|  |  |
| --- | --- |
|  | Proctor verifies health IT module supports SNOMED CT® and LOINC® by visually inspecting health IT configuration file (i.e., backend database, tables displayed in user interface, etc.). |

<INSERT SCREEN SHOTS>

# Appendix A: Testing Guide

*This appendix contains more details and background on the testing requirements, including explanation on underlying standards, notable issues and best practice suggestions.*

Rev 01-Mar-2016 Additions

* According to the Implementation Guide for Ambulatory Healthcare Provider Reporting to Central Cancer Registries, HL7 Clinical Document Architecture (CDA), there are several data elements where multiple code systems are allowed. These include Histologic Type, Primary Site (Target Site Code), Procedures, and Problems. The EHR Health IT Developer is only required to provide a value from one of the code systems specified in the standard for that particular element. The test data in the “document content data sheet” reflect this option by providing all possible values for the data element based on the code system implemented by the Health IT Developer.

# Appendix B: ONC Criteria and Standards

*This appendix contains copy of the relevant ONC criteria and standards for this proctor sheet as a reference. In the event of a discrepancy with the ONC Final Rule, the ONC Final Rule takes precedence.*

**§170.315(f)(4) Transmission to Cancer Registries**

Technology must be able to create cancer case information for electronic transmission.

**§170.205(i)(2).** Standard. HL7 Clinical Document Architecture (CDA), Release 2.0, Normative Edition (incorporated by reference in §170.299). Implementation specifications. HL7 Implementation Guide for CDA© Release 2: Reporting to Public Health Cancer Registries from Ambulatory Healthcare Providers, Release 1.

**§170.207(a)(4)** Standard.IHTSDO SNOMED CT®, U.S. Edition, September 2015 Release.

**§170.207(c)(3)** Standard. Logical Observation Identifiers Names and Codes (LOINC®) Database version 2.52, a universal code system for identifying laboratory and clinical observations produced by the Regenstrief Institute, Inc. released June 2015.

# Change Log

|  |  |
| --- | --- |
| Revision | Change Description |
| 01-July-2016 | Added reference to new Juror Document now available. |
| 01-Apr-2016 | Removed reference to Juror Document in section 1.1. |
| 01-Mar-2016 | Initial Release. |
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**About Drummond Group LLC**

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