# Test Criteria: 170.315.f.7– Transmission to Public Health Agencies – Health Care Surveys

|  |  |
| --- | --- |
| **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)(6)-Transmission_to_Publi)
* [Test Procedures](#_1.1_Create_Health)
* [Appendix A: Testing Guide](#_Appendix_A:_Testing)
* [Appendix B: ONC Criteria](#_Appendix_B:_ONC)

### Version of ONC Test Method

1.0

### 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 Developeror 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

|  |  |
| --- | --- |
| **Test Data Source:** | ONC-Supplied  DG-Supplied:  Developer-Supplied: |
| **Pre-Test Data Setup:**  Health IT developer pre-loads the test case based on health care setting and using the ONC test data provided within the [NHCS Validation Tool](http://cda-validation.nist.gov/cda-validation/muNHCS.html).   * Ambulatory and Hospital-Outpatient Setting:   *Gary E. Goe (OP-IG)*   * Emergency Department Setting:   *Laura L. Loe (ED-IG)* | |
| **Test Data:**  ONC-supplied. | |
| **Test Tools:**  [NHCS Validation Tool](http://cda-validation.nist.gov/cda-validation/muNHCS.html) | |

# Demonstrate Standards Support

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

|  |  |  |
| --- | --- | --- |
|  | **Standard** |  |
|  | §170.205(s)(1) | HL7 Implementation Guide for CDA Release 2: National Health Care Surveys (NHCS), Release 1 – US Realm, Draft Standard for Trial Use and Errata for NCHS v1.0. |

# 170.315(f)(6)-Transmission to Public Health – Health Care Surveys

|  |  |
| --- | --- |
| **Test Result:** | PASS:  FAIL:  No Attempt: |
| **Instructions:** Create health care survey information for electronic transmission. | |
| **Expected Test Result:**   * Health IT module must create health care survey information for electronic transmission in accordance with the standard specified in §170.205(s)(1) HL7 Implementation Guide for CDA Release 2: National Health Care Surveys (NHCS), Release 1 – US Realm, Draft Standard for Trial Use and Errata for NHCS v1.0. | |
| **Points to Remember:**   * All test cases are required that apply to the care setting(s) supported by the system under test. * Certification to the healthcare surveys is available to three settings: Emergency Department (ED), Ambulatory, and Hospital-Outpatient. * Inpatient setting (outside ED) is not eligible for testing this criteria. | |

**Test Procedures**

### 1.1 Create Health Care Survey CDA Document

|  |  |
| --- | --- |
|  | User identifies patient records containing pre-loaded patient health care survey data or inputs data in patient record. |
|  | User logs into health IT module and generates the health care survey CDA document and provides a copy to the Proctor. |
|  | Proctor validates the document using the [NHCS Validation Tool](http://cda-validation.nist.gov/cda-validation/muNHCS.html) and verifies compliance using the NHCS validation report. |
|  | Proctor performs visual inspection of the CDA xml and human readable content to verify CDA xml reflects the data entered in the health IT module. |

<INSERT SCREEN SHOTS>

<INSERT NHCS Validation Test Tool Report>

# 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-Dec-2016 Additions

* For certifying to Transmission to public health agencies – health care surveys: create health care survey information for electronic transmission in accordance with the standard specified in §170.205(s)(1) implementers should be guided by the:
* Ambulatory Setting test data and OP-IG columns of the spreadsheet to test the National Ambulatory Medical Care Survey (ClinicalDocument: identifier urn:oid:2.16.840.1.113883.10.20.34.1.2 (open)) template for office-based physicians primarily engaged in direct patient care;
* Ambulatory Setting test data and OP-IG columns of the spreadsheet to test the National Hospital Ambulatory Medical Care Survey – OPD (ClinicalDocument: identifier urn:oid:2.16.840.1.113883.10.20.34.1.3 (open)) template for outpatient direct patient care provided at hospitals, and
* Emergency Department Setting test data and ED-IG columns of the spreadsheet to test the National Hospital Ambulatory Medical Care Survey – ED (ClinicalDocument: identifier urn:oid: 2.16.840.1.113883.10.20.34.1.4 (open)) template for emergency care provided at hospitals.

Rev 01-Mar-2016 Additions

* Testing and certification covers the entire NHCS IG which consists of the National Hospital Care Survey, National Hospital Ambulatory Medical Care Survey, and National Ambulatory Medical Care Survey.
* Health Care Surveys for electronic transmission is only to be collected by the CDC at the national level.

# 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)(7) Transmission to Public Health Agencies – Health Care Surveys**

Technology must be able to create health care survey information for electronic transmission.

**§170.205(s)(1)** Standard. HL7 Implementation Guide for CDA Release 2: National Health Care Surveys (NHCS), Release 1 – US Realm, Draft Standard for Trial Use and Errata for NCHS v1.0.

# Change Log

|  |  |
| --- | --- |
| Revision | Change Description |
| 01-Dec-2016 | Updated “Ambulatory” to “Outpatient” under Test Data section to include both ambulatory and hospital-outpatient. Also added additional test data clarifications under Appendix A. Clarified Inpatient setting not applicable for testing to this criterion. |
| 01-Oct-2016 | Removed reference to ‘Inpatient’ setting of care. |
| 01-Jun-2016 | Added reference to Errata for NCHS v1.0. |
| 01-Mar-2016 | Initial Release. |
|  |  |
|  |  |
|  |  |
|  |  |

**About Drummond Group LLC**

Drummond Group LLC is a global software test and certification lab that serves a wide range of vertical industries.  In healthcare, Drummond Group tests and certifies Controlled Substance Ordering Systems (CSOS), Electronic Prescription of Controlled Substances (EPCS) software and processes, and Electronic Health Records (EHRs) – designating the trusted test lab as the only third-party certifier of all three initiatives designed to move the industry toward a digital future. Founded in 1999, and accredited for the Office of the National Coordinator Health IT Certification Program as an Authorized Certification Body (ACB) and an Authorized Test Lab (ATL), Drummond Group continues to build upon its deep experience and expertise necessary to deliver reliable and cost-effective services. For more information, please visit <http://www.drummondgroup.com> or email [ehr@drummondgroup.com](mailto:ehr@drummondgroup.com)

END OF DOCUMENT