# Test Criteria: 170.315.a.13 – Patient-specific Education Resources

|  |  |
| --- | --- |
| **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(a)(13)_Patient-Specific_Edu)
* [Test Procedures](#_Test_Procedures)
* [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 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

|  |  |
| --- | --- |
| **Test Data Source:** | ONC-Supplied  DG-Supplied:  Developer-Supplied: |
| **Pre-Test Data Setup:**  Not applicable. | |
| **Test Data:**  Developer-supplied. | |
| **Test Tools:**  Not applicable. | |

# Demonstrate Standards Support

|  |  |
| --- | --- |
| **Test Result:** | PASS:  FAIL:  No Attempt: |
| **Instructions:** Identify patient-specific education resources in accordance with either §170.204(b)(3) or §170.204(b)(4). 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** |  |
|  | §170.204(b)(3) | HL7 Version 3 Standard: Context Aware Retrieval Application (“Infobutton”), Knowledge Request, Release 2. Implementation Specifications. HL7 Implementation Guide: **Service-Oriented Architecture** Implementations of the Context-aware Knowledge Retrieval (Infobutton) Domain, Release 1 <http://www.hl7.org/implement/standards/product_brief.cfm?product_id=283> |
|  | §170.204(b)(4) | HL7 Version 3 Standard: Context Aware Retrieval Application (“Infobutton”), Knowledge Request, Release 2. Implementation Specifications. HL7 Version 3 Implementation Guide: **Context-Aware Knowledge Retrieval** (Infobutton), Release 4  <http://www.hl7.org/implement/standards/product_brief.cfm?product_id=22> |
|  | §170.207(g)(2) | OPTIONAL: Request for Comment (RFC) 5646, “Tags for Identifying Languages, September 2009”  <http://www.rfc-editor.org/info/rfc5646> |

# 170.315(a)(13) Patient-Specific Education Resources

|  |  |
| --- | --- |
| **Test Result:** | PASS:  FAIL:  No Attempt: |
| **Instructions:** Identify patient-specific education resources based on data included in the patient’s:   * Problem list * Medication list | |
| **Expected Test Result:**   * Enable a user to identify patient-specific education resources based on the patient’s problem list and medication list in accordance with the standards specified in §170.204(b)(3) or §170.204(b)(4). * Compliance to the Infobutton functionality can be demonstrated either by providing a copy of the XML data, showing data packet analyzer or showing API configuration to a confirmed Infobutton server. * OPTIONAL: Enable a user to request patient-specific education resources be identified based on the patient’s preferred language identified with the codes in the RFC 5646 standard. | |
| **Points to Remember:**   * CMS MU Incentive Programs requires certified EHR technology (CEHRT) to identify patient-specific education using *Problem List* and *Medication List.* * CMS no longer permitting paper-based actions to support the patient-specific education measure. See [Appendix A](#_Appendix_A:_Testing) for further details. | |

### Test Procedures

### 1.1 Patient-specific Education Resources

|  |  |
| --- | --- |
|  | Identify relevant patient-specific education resources for patient through Infobutton functionality based on patient’s **Problem List** |
|  | Identify relevant patient-specific education resources for patient through Infobutton functionality based on patient’s **Medication List** |
|  | OPTIONAL: Request patient-specific education resources based on a patient’s preferred language in accordance with **RFC 5646** (§170.207(g)(2)). |

<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-May-2016 Additions

* CMS is not permitting paper-based education for Stage 3.  CMS excerpt reads:

We are simply no longer requiring or allowing paper-based actions to be counted because the EHR Incentive Programs focuses on leveraging health IT to support patient engagement… This does not imply that we do not support the continued use of paper-based materials in a practice setting. We strongly recommend that providers continue to provide patients with visit summaries, patient health information, and preventative care recommendations in the format that is most relevant for each individual patient and easiest for that patient to access. …  After consideration of the public comments, we are finalizing our proposal that paper-based formats will not be required or allowed for the purposes of the objectives and measures for Stage 3 of meaningful use.

# 

# 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(a)(13) Patient-Specific Education Resources**

(i) Identify patient-specific education resources based on data included in the patient’s problem list and medication list in accordance with at least one of the following standards and implementation specifications:

1. The standard and implementation specifications specified in §170.204(b)(3)
2. The standard and implementation specifications specified in §170.204(b)(4)

(ii) Optional. Request that patient-specific education resources be identified in accordance with the standard in §170.207(g)(2).

**§170.204(b)(3)** Standard. HL7 Version 3 Standard: Context Aware Knowledge Retrieval

Application. (“Infobutton”), Knowledge Request, Release 2. Implementation specifications. HL7 Implementation Guide: Service-Oriented Architecture Implementations of the Context-aware Knowledge Retrieval (Infobutton) Domain, Release 1.

**§170.204(b)(4)** Standard. HL7 Version 3 Standard: Context Aware Knowledge Retrieval

Application. (“Infobutton”), Knowledge Request, Release 2. Implementation specifications. HL7 Version 3 Implementation Guide: Context-Aware Knowledge Retrieval (Infobutton), Release 4.

**§170.207(g)(2)** Preferred language. Standard.  Request for Comments (RFC) 5646.

# Change Log

|  |  |
| --- | --- |
| Revision | Change Description |
| 01-May-2016 | Corrected note under Appendix A clarifying that CMS is not permitting paper-based actions for patient-specific education. Also added under “Points to Remember”. |
| 01-Apr-2016 | Removed Lab Results as a requirement for Patient Education. |
| 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