

Errata for §170.304 (i) Exchange clinical information and patient summary record

The purpose of this document is to record known technical corrections to v1.1 of the Exchange Clinical Information and Patient Summary Record test procedure. Errata for other test procedures are located in separate documents. Each erratum entry includes the following information:

- Entry number
- The date the errata was added to the document
- The test procedure version and date published
- The test procedure section
- A description of the correction
- The text prior to the revision and the revised text

1. Technical Correction to DTR170.304.i.2 – 1: Electronically Generate and Transmit HL7 CCD or ASTM CCR Patient Summary Record

Date: December 3, 2010

TP Version: Version 1.1, September 24, 2010

TP Section: Normative Test Procedures, Required Test Procedures, page 8

Description: Corrected typo in required test procedure TE170.304.i.2 – 1.01.

Text Prior to Revision:

Required Test Procedures

TE170.304.i.2 – 1.01: Tester shall select one test data set from TD170.306.f.

TE170.304.i.2 – 1.02: Tester shall select patient summary record test data from Vendor-supplied test data and/or NIST-supplied test data/examples for the selected data set in TD170.304.i

TE170.304.i.2 – 1.03: Using the Vendor-supplied test data and/or NIST-supplied test data/examples and the EHR function(s) identified by the Vendor, the Tester shall select the patient's existing record and enter the patient summary record test data

TE170.304.i.2 – 1.04: Using the EHR function(s) identified by the Vendor, the Tester shall send the patient summary record in the vendor-selected format to a NIST-supplied test tool as described in the Conformance Test Tools section of this test procedure

TE170.304.i.2 – 1.05: Using the NIST-supplied test tool and the NIST-supplied Inspection Test Guide, the Tester shall verify that the patient summary record test data are transmitted correctly and without omission by the EHR, including

- Diagnostic test results
- Problem list
- Medication list
- Medication allergy list

TE170.304.i.2 – 1.06: Using the EHR function(s) identified by the Vendor, the Tester shall transmit the Patient Summary Record to an external receiving system using the Vendor-

identified transport technology of the EHR. The receiving system may either be a Tester's receiving system that is configurable to use the transport technology of the EHR system or module, or a Vendor-identified system capable of receiving from the EHR system or module

Revised Text:

Required Test Procedures

TE170.304.i.2 – 1.01: Tester shall select one test data set from **TD170.304.i**.

TE170.304.i.2 – 1.02: Tester shall select patient summary record test data from Vendor-supplied test data and/or NIST-supplied test data/examples for the selected data set in TD170.304.i

TE170.304.i.2 – 1.03: Using the Vendor-supplied test data and/or NIST-supplied test data/examples and the EHR function(s) identified by the Vendor, the Tester shall select the patient's existing record and enter the patient summary record test data

TE170.304.i.2 – 1.04: Using the EHR function(s) identified by the Vendor, the Tester shall send the patient summary record in the vendor-selected format to a NIST-supplied test tool as described in the Conformance Test Tools section of this test procedure

TE170.304.i.2 – 1.05: Using the NIST-supplied test tool and the NIST-supplied Inspection Test Guide, the Tester shall verify that the patient summary record test data are transmitted correctly and without omission by the EHR, including

- Diagnostic test results
- Problem list
- Medication list
- Medication allergy list

TE170.304.i.2 – 1.06: Using the EHR function(s) identified by the Vendor, the Tester shall transmit the Patient Summary Record to an external receiving system using the Vendor-identified transport technology of the EHR. The receiving system may either be a Tester's receiving system that is configurable to use the transport technology of the EHR system or module, or a Vendor-identified system capable of receiving from the EHR system or module

2. Technical Correction to DTR170.304.i.2 – 1: Electronically Generate and Transmit HL7 CCD or ASTM CCR Patient Summary Record

Date: December 3, 2010

TP Version: Version 1.1, September 24, 2010

TP Section: Normative Test Procedures, Inspection Test Guide, page 9

Description: Corrected typo in required test procedure IN170.304.i.2 – 1.02.

Text Prior to Revision:

Inspection Test Guide

- IN170.304.i.2 – 1.01: Using the Vendor-supplied test data and/or the NIST-supplied test data/examples in the TD170.304.i data set selected by the Tester, Tester shall verify that the patient summary record test data are entered into the EHR correctly and without omission
- IN170.304.i.2 – 1.02: Using the Vendor-supplied test data and/or the NIST-supplied test data/examples in the TD170.306.f data set selected by the Tester, Tester shall verify that all of the patient summary record test data are stored in the patient’s record, including
- Diagnostic test results
 - Problems
 - Medications
 - Medication allergies
- IN170.304.i.2 – 1.03: Tester shall verify that the patient summary record test data are sent to the NIST-supplied test tool by the EHR, including
- Diagnostic test results
 - Problems
 - Medications
 - Medication allergies
- IN170.304.i.2 – 1.04: Using the NIST-supplied conformance testing tool identified in the Conformance Test Tools section of this test procedure, Tester shall verify that the transmitted patient summary record test data transmitted to the NIST-supplied test tool are complete and correct, and that the received test data are conformant to the referenced content (CCD or CCR) and vocabulary standards. The Tester shall verify that the medications source vocabulary values map correctly to the RxNorm values supplied in the TD170.304.i data set selected by the Tester. The vocabulary verification may require manual inspection of the data
- IN170.304.i.2 – 1.05: Tester shall verify that the Patient Summary Record was received by the external receiving system based on the transport technology and configuration necessary to communicate with the EHR system

Revised Text:

Inspection Test Guide

- IN170.304.i.2 – 1.01: Using the Vendor-supplied test data and/or the NIST-supplied test data/examples in the TD170.304.i data set selected by the Tester, Tester shall verify that the patient summary record test data are entered into the EHR correctly and without omission
- IN170.304.i.2 – 1.02: Using the Vendor-supplied test data and/or the NIST-supplied test data/examples in the **TD170.304.i** data set selected by the Tester, Tester shall verify that all of the patient summary record test data are stored in the patient’s record, including
- Diagnostic test results
 - Problems
 - Medications
 - Medication allergies

- IN170.304.i.2 – 1.03: Tester shall verify that the patient summary record test data are sent to the NIST-supplied test tool by the EHR, including
- Diagnostic test results
 - Problems
 - Medications
 - Medication allergies
- IN170.304.i.2 – 1.04: Using the NIST-supplied conformance testing tool identified in the Conformance Test Tools section of this test procedure, Tester shall verify that the transmitted patient summary record test data transmitted to the NIST-supplied test tool are complete and correct, and that the received test data are conformant to the referenced content (CCD or CCR) and vocabulary standards. The Tester shall verify that the medications source vocabulary values map correctly to the RxNorm values supplied in the TD170.304.i data set selected by the Tester. The vocabulary verification may require manual inspection of the data
- IN170.304.i.2 – 1.05: Tester shall verify that the Patient Summary Record was received by the external receiving system based on the transport technology and configuration necessary to communicate with the EHR system

3. Technical Correction to Test Data Set #2

Date: December 3, 2010

TP Version: Version 1.1, September 24, 2010

TP Section: Test Data, page 11

Description: Changed ICD-9 code for Asthma in test data set #1 Problem List.

Text Prior to Revision:

Patient Summary Record - Data Set #2

Problem List

| ICD-9 Code | Patient Problem | Status | Date Diagnosed |
|------------|---------------------------|-----------------------------------|---------------------------------------|
| 493.0 | Asthma, unspecified | Vendor-supplied (e.g., Active) | Vendor-supplied (e.g., 12/22/2009) |
| 250.02 | Diabetes Mellitus, Type 2 | Vendor-supplied (e.g., Active) | Vendor-supplied (e.g., 08/10/2008) |

Revised Text:

Patient Summary Record - Data Set #2

Problem List

| ICD-9 Code | Patient Problem | Status | Date Diagnosed |
|------------|---------------------------|-----------------------------------|---------------------------------------|
| 493 | Asthma, unspecified | Vendor-supplied (e.g., Active) | Vendor-supplied (e.g., 12/22/2009) |
| 250.02 | Diabetes Mellitus, Type 2 | Vendor-supplied | Vendor-supplied |

| | | | |
|--|--|----------------|-------------------|
| | | (e.g., Active) | (e.g.,08/10/2008) |
|--|--|----------------|-------------------|

4. Technical Correction to Test Data Set #3

Date: December 3, 2010

TP Version: Version 1.1, September 24, 2010

TP Section: Test Data, page 14

Description: Changed ICD-9 code for Chronic Obstructive Pulmonary Disease in test data set #3 Problem List.

Text Prior to Revision:

Patient Summary Record - Data Set #3

Problem List

| ICD-9 Code | Patient Problem | Status | Date Diagnosed |
|------------|---------------------------------------|------------------------------------|---------------------------------------|
| 486 | Pneumonia | Vendor-supplied (e.g., Resolved | Vendor-supplied (e.g., 01/22/2010) |
| 496.0 | Chronic Obstructive Pulmonary Disease | Vendor-supplied (e.g., Chronic | Vendor-supplied (e.g., 10/10/1999) |

Revised Text:

Patient Summary Record - Data Set #3

Problem List

| ICD-9 Code | Patient Problem | Status | Date Diagnosed |
|------------|---------------------------------------|------------------------------------|---------------------------------------|
| 486 | Pneumonia | Vendor-supplied (e.g., Resolved | Vendor-supplied (e.g., 01/22/2010) |
| 496 | Chronic Obstructive Pulmonary Disease | Vendor-supplied (e.g., Chronic | Vendor-supplied (e.g., 10/10/1999) |