

## Errata for §170.304 (b) Electronic prescribing

The purpose of this document is to record known technical corrections to v1.1 of the Electronic Prescribing 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 APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT v8.1

**Date:** December 3, 2010

**TP Version:** Version 1.1, September 24, 2010

**TP Section:** APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT V8.1

Page 8

**Description:** Describing the differences between the October 2006 v8.1 schema and the August 2010 v8.1 schema

#### **Text Prior to Revision:**

This inspection test guide defines the minimum conformance requirements for a new prescription message (NEWRX) generated by an EHR in accordance with the criteria and standards in the FR. The Tester shall evaluate the message according to the conformance requirements in each table of this inspection test guide. The Tester may conduct the evaluation by visually examining the message, or by applying an automated testing tool which has been verified as consistent with the conformance statements in this inspection test guide. As applicable, the relevant XPath statements are included in the tables for evaluating conformance to the XML version of NCPDP SCRIPT v8.1

#### **Revised Text:**

This inspection test guide defines the minimum conformance requirements for a new prescription message (NEWRX) generated by an EHR in accordance with the criteria and standards in the FR. The Tester shall evaluate the message according to the conformance requirements in each table of this inspection test guide. The Tester may conduct the evaluation by visually examining the message, or by applying an automated testing tool which has been verified as consistent with the conformance statements in this inspection test guide. As applicable, the relevant XPath statements are included in the tables for evaluating conformance to the XML version of NCPDP SCRIPT v8.1

NCPDP has published two slightly different versions of the v8.1 XML schema. Per NCPDP guidance, implementers may use either version, as determined by trading partner agreements. NCPDP has

advised NIST that the October 2006 version of the v8.1 schema does not include the following qualifier attributes listed as M-mandatory in the UIB segment of Appendix A.

- 060-S002-02-0007 Level one identification code qualifier
- 070-S003-02-0007 Level one identification code qualifier

The October 2006 version of the v8.1 schema does not include the following qualifier attribute listed as M-mandatory in the DRU segment of Appendix A.

- 020 I009 03 1131 Code List Qualifier

Therefore, if a Vendor claims conformance to the October 2006 schema, an ATCB should consider the conformance requirement to be “no equivalent in XML” for these fields.

## 2. TECHNICAL CORRECTION TO APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT v8.1

**Date:** December 3, 2010

**TP Version:** Version 1.1, September 24, 2010

**TP Section:** APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT V8.1

**Description:** Revision to the NCPDP guidance on page 9 to indicate that GS – Gold Standard Alchemy is not supported by the published NCPDP External Code List (ECL).

### Text Prior to Revision

*The following are not within the NCPDP table of values and therefore not to be used in the testing of a NewRx:*

- MMX - Micromedex DRUGDEX
- MSH - Medical Subject Headings (MeSH)
- MTHFDA - FDA National Drug Code Directory
- MTHSPL - FDA Structured Product Labels
- NDFRT - Veterans Health Administration National Drug File - Reference Terminology
- SNOMED CT - SNOMED Clinical Terms (drug information)
- VANDF - Veterans Health Administration National Drug File

### Revised Text:

*The following are not within the NCPDP table of values and therefore not to be used in the testing of a NewRx:*

- **GS – Gold Standard Alchemy**
- MMX - Micromedex DRUGDEX
- MSH - Medical Subject Headings (MeSH)
- MTHFDA - FDA National Drug Code Directory
- MTHSPL - FDA Structured Product Labels
- NDFRT - Veterans Health Administration National Drug File - Reference Terminology
- SNOMED CT - SNOMED Clinical Terms (drug information)
- VANDF - Veterans Health Administration National Drug File

## 3. TECHNICAL CORRECTION TO APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT v8.1 – UIB SEGMENT <TO> AND <FROM> PATTERNS

**Date:** December 3, 2010

**TP Version:** Version 1.1, September 24, 2010

**TP Section:** APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT V8.1 UIB  
Segment page 11

**Description:** Revisions made to the UIB conformance statements

- NCPDP SCRIPT supports alternate patterns in the <To> and <From> portions of the XML Header
- NCPDP has published two slightly different versions of the v8.1 XML schema. Per NCPDP guidance, implementers may use either version, as determined by trading partner agreements. NCPDP has advised NIST that the October 2006 version of the v8.1 schema does not include the following qualifier attributes listed in the UIB segment of Appendix A.
  - 060-S002-02-0007 Level one identification code qualifier
  - 070-S003-02-0007 Level one identification code qualifier

**Text Prior to Revision:**

| SCRIPT v8.1 Field Number and Name  | NEWRX Required | MU Conformance Statements                               | XPath Statement                             |
|--|----------------|---|---|
| 060-S002-01-0004<br>Interchange Sender -<br>Sender identification -<br>level one | M              | Shall contain an identifier representing the prescriber | /Message/Header/From                        |
| 060-S002-02-0007<br>Level one identification code<br>qualifier                   | M              | Shall contain value = D or C                            | /Message/Header/From@Qualifier = "D" or "C" |
| 070-S003-01-0010<br>Interchange Recipient -<br>Recipient ID - level<br>One       | M              | Shall contain an identifier representing the pharmacy   | /Message/Header/To                          |
| 070-S003-02-0007<br>Level one identification code<br>qualifier                   | M              | Shall contain value = P                                 | /Message/Header/To@Qualifier = "P"          |

**Revised Text:**

| SCRIPT v8.1 Field Number and Name  | NEWRX Required | MU Conformance Statements                               | XPath Statement   |
|--|----------------|---|---|
| 060-S002-01-0004<br>Interchange Sender -<br>Sender identification -<br>level one | M              | Shall contain an identifier representing the prescriber | /Message/Header/From<br>The mailto: or transport: patterns are also allowable |

|  |   |   |  |
|--|---|---|--|
| Ø6Ø-SØØ2-Ø2-ØØØ7<br>Level one identification code<br>qualifier             | M | Shall contain value = D or C                          | /Message/Header/From@Qualifier = "D" or "C"<br>The 'mailto:' or 'transport:' patterns are also allowable which include alternate formats for the qualifier.<br><br>This qualifier is not supported by the October 2006 v8.1 schema. If the Vendor claims conformance to the October 2006 v8.1 schema, the conformance requirement shall be considered to be "No Equivalent in XML" |
| Ø7Ø-SØØ3-Ø1-ØØ1Ø<br>Interchange Recipient -<br>Recipient ID - level<br>One | M | Shall contain an identifier representing the pharmacy | /Message/Header/To<br><br>the 'mailto:' or 'transport:' patterns are also allowable  |
| Ø7Ø-SØØ3-Ø2-ØØØ7<br>Level one identification code<br>qualifier             | M | Shall contain value = P                               | /Message/Header/To@Qualifier = "P"<br>The 'mailto:' or 'transport:' patterns are also allowable which include alternate formats for the qualifier.<br><br>This qualifier is not supported by the October 2006 v8.1 schema. If the Vendor claims conformance to the October 2006 v8.1 schema, the conformance requirement shall be considered to be "No Equivalent in XML"          |

#### 4. TECHNICAL CORRECTION TO APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT v8.1 – DRU SEGMENT

**Date:** December 3, 2010

**TP Version:** Version 1.1, September 24, 2010

**TP Section:** APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT V8.1 DRU Segment page 19

**Description:** NCPDP has published two slightly different versions of the v8.1 XML schema. Per NCPDP guidance the October 2006 version of the v8.1 schema does not include the following M-mandatory qualifier attribute listed in the DRU segment of Appendix A.

- Ø2Ø IØØ9 Ø3 1131 Code List Qualifier

**Text Prior to Revision:**

| SCRIPT v8.1 Field Number and Name       | NEWRX Required | MU Conformance Statements | XPath Statement                                  |
|---|----------------|---------------------------|--|
| Ø2Ø IØØ9 Ø3 1131<br>Code List Qualifier | M              | Shall contain value = 38  | /MedicationPrescribed/Quantity/CodeListQualifier |

**Revised Text:**

| SCRIPT v8.1 Field Number and Name       | NEWRX Required | MU Conformance Statements | XPath Statement   |
|---|----------------|---------------------------|---|
| Ø2Ø IØØ9 Ø3 1131<br>Code List Qualifier | M              | Shall contain value = 38  | /MedicationPrescribed/Quantity/<br>CodeListQualifier<br><br>This qualifier is not supported by the October 2006 v8.1 schema. If the Vendor claims conformance to the October 2006 v8.1 schema, the conformance requirement shall be considered to be “No Equivalent in XML” |

**5. TECHNICAL CORRECTION TO APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT v8.1 – DRU SEGMENT**

**Date:** December 3, 2010

**TP Version:** Version 1.1, September 24, 2010

**TP Section:** APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT V8.1 DRU Segment pages 17 -18

**Description:** Correcting an error in the XPath Statements for DrugDBCCode and DrugDBCCodeQualifier

**Text Prior to Revision:**

| SCRIPT v8.1 Field Number and Name    | NEWRX Required | MU Conformance Statements  | XPath Statement                      |
|--------------------------------------|----------------|--|--------------------------------------|
| Ø1Ø IØ13 Ø8 1154<br>Reference Number | C/RMU          | Shall contain the appropriate medications vocabulary value for the prescribed medication, as determined by the medications source vocabulary implemented within the EHR. The medications source vocabulary implemented within the EHR shall be a vocabulary which has been identified by the National Library of Medicine as contained within RxNorm. As of 6/17/2010 NLM has identified the following vocabularies:<br><ul style="list-style-type: none"> <li>GS - Gold Standard</li> <li>Alchemy</li> <li>MDDDB - Medi-Span Master Drug Data Base</li> <li>MMSL - Multum</li> <li>MediSource Lexicon</li> <li>MMX - Micromedex</li> <li>DRUGDEX</li> <li>MSH - Medical Subject Headings (MeSH)</li> <li>MTHFDA - FDA National Drug Code Directory</li> </ul> | /MedicationPrescribed/DrugDBC<br>ode |

| SCRIPT v8.1 Field Number and Name       | NEWRX Required | MU Conformance Statements  | XPath Statement                           |
|---|----------------|--|---|
|   |                | <p>MTHSPL - FDA Structured Product Labels<br/>           NDDF - First DataBank<br/>           NDDF Plus Source Vocabulary<br/>           NDFRT - Veterans Health Administration National Drug File - Reference Terminology<br/>           SNOMED CT - SNOMED Clinical Terms (drug information)<br/>           VANDF - Veterans Health Administration National Drug File</p> <p>Refer to the NCPDP guidance in the introductory section of Appendix A for an explanation of how to evaluate this entry for conformance.</p> |   |
| Ø1Ø IØ13 Ø9 1153<br>Reference Qualifier | C/RMU          | <p>Shall contain the appropriate coded responsible organization identifier for the medications source vocabulary implemented within the EHR. The Tester is responsible for identifying the appropriate SCRIPT reference qualifier value for the medications vocabulary implemented in the EHR.</p> <p>Refer to the NCPDP guidance in the introductory section of Appendix A for an explanation of how to evaluate this entry for conformance.</p>  | /MedicationPrescribed/DrugDBCodeQualifier |

**Revised Text:**

| SCRIPT v8.1 Field Number and Name    | NEWRX Required | MU Conformance Statements   | XPath Statement                            |
|--------------------------------------|----------------|---|--|
| Ø1Ø IØ13 Ø8 1154<br>Reference Number | C/RMU          | <p>Shall contain the appropriate medications vocabulary value for the prescribed medication, as determined by the medications source vocabulary implemented within the EHR. The medications source vocabulary implemented within the EHR shall be a vocabulary which has been identified by the National Library of Medicine as contained within RxNorm. As of 6/17/2010 NLM has identified the following vocabularies:</p> | /MedicationPrescribed/DrugCoded/DrugDBCode |

| SCRIPT v8.1 Field Number and Name                          | NEWRX Required | MU Conformance Statements   | XPath Statement  |
|--|----------------|---|--|
|  |                | <p>GS - Gold Standard<br/>           Alchemy<br/>           MDDB - Medi-Span Master Drug Data Base<br/>           MMSL - Multum<br/>           MediSource Lexicon<br/>           MMX - Micromedex<br/>           DRUGDEX<br/>           MSH - Medical Subject Headings (MeSH)<br/>           MTHFDA - FDA National Drug Code Directory<br/>           MTHSPL - FDA Structured Product Labels<br/>           NDDF - First DataBank<br/>           NDDF Plus Source Vocabulary<br/>           NDFRT - Veterans Health Administration National Drug File - Reference Terminology<br/>           SNOMED CT - SNOMED Clinical Terms (drug information)<br/>           VANDF - Veterans Health Administration National Drug File</p> <p>Refer to the NCPDP guidance in the introductory section of Appendix A for an explanation of how to evaluate this entry for conformance.</p> |  |
| <p>Ø1Ø IØ13 Ø9 1153<br/>           Reference Qualifier</p> | <p>C/RMU</p>   | <p>Shall contain the appropriate coded responsible organization identifier for the medications source vocabulary implemented within the EHR. The Tester is responsible for identifying the appropriate SCRIPT reference qualifier value for the medications vocabulary implemented in the EHR.</p> <p>Refer to the NCPDP guidance in the introductory section of Appendix A for an explanation of how to evaluate this entry for conformance.</p>   | <p>/MedicationPrescribed/DrugCoded/DrugDBCodeQualifier</p> |

## 6. TECHNICAL CORRECTION TO APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT v10.6

**Date:** December 3, 2010

**TP Version:** Version 1.1, September 24, 2010

**TP Section:** APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT V10.6

**Description:** Revision to the NCPDP guidance on page 22 to indicate that GS – Gold Standard Alchemy is not supported by the published NCPDP External Code List (ECL).

### Text Prior to Revision

*The following are not within the NCPDP table of values and therefore not to be used in the testing of a NewRx:*

- *MMX - Micromedex DRUGDEX*
- *MSH - Medical Subject Headings (MeSH)*
- *MTHFDA - FDA National Drug Code Directory*
- *MTHSPL - FDA Structured Product Labels*
- *NDFRT - Veterans Health Administration National Drug File - Reference Terminology*
- *SNOMED CT - SNOMED Clinical Terms (drug information)*
- *VANDF - Veterans Health Administration National Drug File*

### Revised Text:

*The following are not within the NCPDP table of values and therefore not to be used in the testing of a NewRx:*

- **GS – Gold Standard Alchemy**
- *MMX - Micromedex DRUGDEX*
- *MSH - Medical Subject Headings (MeSH)*
- *MTHFDA - FDA National Drug Code Directory*
- *MTHSPL - FDA Structured Product Labels*
- *NDFRT - Veterans Health Administration National Drug File - Reference Terminology*
- *SNOMED CT - SNOMED Clinical Terms (drug information)*
- *VANDF - Veterans Health Administration National Drug File*

## 7. TECHNICAL CORRECTION TO APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT v10.6 – DRU SEGMENT

**Date:** December 3, 2010

**TP Version:** Version 1.1, September 24, 2010

**TP Section:** APPENDIX A - 170.304(B) INSPECTION TEST GUIDE FOR NCPDP SCRIPT V10.6  
DRU Segment pages 31-32

**Description:** Correcting an error in the XPath Statements for DrugDBCode and DrugDBCodeQualifier

### Text Prior to Revision:

| SCRIPT v10.6 Field Number and Name   | NEWRX Required | MU Conformance Statements  | XPath Statement                  |
|--------------------------------------|----------------|--|----------------------------------|
| Ø1Ø IØ13 Ø8 1154<br>Reference Number | C/RMU          | <p>Shall contain the appropriate medications vocabulary value for the prescribed medication, as determined by the medications source vocabulary implemented within the EHR. The medications source vocabulary implemented within the EHR shall be a vocabulary which has been identified by the National Library of Medicine as contained within RxNorm. As of 6/17/2010 NLM has identified the following vocabularies:</p> <ul style="list-style-type: none"> <li>GS - Gold Standard Alchemy</li> <li>MDDB - Medi-Span Master Drug Data Base</li> <li>MMSL - Multum</li> <li>MediSource Lexicon</li> <li>MMX - Micromedex</li> <li>DRUGDEX</li> <li>MSH - Medical Subject Headings (MeSH)</li> <li>MTHFDA - FDA National Drug Code Directory</li> <li>MTHSPL - FDA Structured Product Labels</li> <li>NDDF - First DataBank</li> <li>NDDF Plus Source Vocabulary</li> <li>NDFRT - Veterans Health Administration National Drug File - Reference Terminology</li> <li>SNOMED CT - SNOMED Clinical Terms (drug information)</li> <li>VANDF - Veterans Health Administration National Drug File</li> </ul> <p>Refer to the NCPDP guidance in the introductory section of Appendix A for an explanation of how to evaluate this entry for conformance</p> | /MedicationPrescribed/DrugDBCode |

| SCRIPT v10.6 Field Number and Name      | NEWRX Required | MU Conformance Statements   | XPath Statement                           |
|---|----------------|---|---|
| Ø1Ø IØ13 Ø9 1153<br>Reference Qualifier | C/RMU          | <p>Shall contain the appropriate coded responsible organization identifier for the medications source vocabulary implemented within the EHR. The Tester is responsible for identifying the appropriate SCRIPT reference qualifier value for the medications vocabulary implemented in the EHR.</p> <ul style="list-style-type: none"> <li>Refer to the NCPDP guidance in the introductory section of Appendix A for an explanation of how to evaluate this entry for conformance</li> </ul> | /MedicationPrescribed/DrugDBCodeQualifier |

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**Revised Text:**

| SCRIPT v10.6 Field Number and Name   | NEWRX Required | MU Conformance Statements  | XPath Statement                           |
|--------------------------------------|----------------|--|---|
| Ø1Ø IØ13 Ø8 1154<br>Reference Number | C/RMU          | <p>Shall contain the appropriate medications vocabulary value for the prescribed medication, as determined by the medications source vocabulary implemented within the EHR. The medications source vocabulary implemented within the EHR shall be a vocabulary which has been identified by the National Library of Medicine as contained within RxNorm. As of 6/17/2010 NLM has identified the following vocabularies:</p> <ul style="list-style-type: none"> <li>GS - Gold Standard Alchemy</li> <li>MDDB - Medi-Span Master Drug Data Base</li> <li>MMSL - Multum</li> <li>MediSource Lexicon</li> <li>MMX - Micromedex</li> <li>DRUGDEX</li> <li>MSH - Medical Subject Headings (MeSH)</li> <li>MTHFDA - FDA National Drug Code Directory</li> <li>MTHSPL - FDA Structured Product Labels</li> <li>NDDF - First DataBank</li> <li>NDDF Plus Source Vocabulary</li> <li>NDFRT - Veterans Health Administration</li> <li>National Drug File - Reference Terminology</li> <li>SNOMED CT - SNOMED Clinical Terms (drug information)</li> <li>VANDF - Veterans Health Administration</li> <li>National Drug File</li> </ul> <p>Refer to the NCPDP guidance in the introductory section of Appendix A for an explanation of how to evaluate this entry for conformance</p> | /MedicationPrescribed/DrugCode/DrugDBCode |

| SCRIPT v10.6 Field Number and Name      | NEWRX Required | MU Conformance Statements   | XPath Statement   |
|---|----------------|---|---|
| Ø1Ø IØ13 Ø9 1153<br>Reference Qualifier | C/RMU          | <p>Shall contain the appropriate coded responsible organization identifier for the medications source vocabulary implemented within the EHR. The Tester is responsible for identifying the appropriate SCRIPT reference qualifier value for the medications vocabulary implemented in the EHR.</p> <ul style="list-style-type: none"><li>Refer to the NCPDP guidance in the introductory section of Appendix A for an explanation of how to evaluate this entry for conformance</li></ul> | <code>/MedicationPrescribed/DrugCode/DrugDBCodeQualifier</code> |

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