**Immunization Test Tool Release Notes for Version 1.9.8 January 14, 2020**

**Data**

| **Test Case / Message Profile** | **Issue** | | **Resolution** |
| --- | --- | --- | --- |
| For Z22 messages | Per the CDC, a new **Unit of Sale NDC** has been added:  **49281-0120-65** for **FLUZONE High-Dose Quadrivalent** for the 2019/2020 season | | Update has been made to **NDC Unit of Sale Value Set** in the Immunization Test Suite; added:   * **Code**: 49281-0120-65 * **Code System**: NDC * **Description**: FLUZONE High-Dose Quadrivalent |
| For Z22 messages | Per the CDC, a new **Unit of Use NDC** has been added:  **49281-0120-88** for **FLUZONE High-Dose Quadrivalent** for the 2019/2020 season | | Update has been made to **NDC Unit of Use Value Set** in the Immunization Test Suite; added:   * **Code**: 49281-0120-88 * **Code System**: NDC * **Description**: FLUZONE High-Dose Quadrivalent |
| For Z22, Z32, and Z42 messages | Per the CDC, the following VIS documents have been updated: | | The new VIS **Descriptions** and associated VIS **Codes** have been added to the **PHVS\_VISBarcodes\_IIS Value Set** in the Immunization Test Suite |
| **Document Type Description (New)** | **VIS Fully-encoded Test String** |
| Adenovirus Vaccine VIS | 253088698300001111200108 |
| Anthrax Vaccine VIS | 253088698300002811200108 |
| Rabies Vaccine VIS | 253088698300018911200108 |
| For Z22, Z32, and Z42 messages | Per the CDC, new **CVX Code 197** for "influenza, high-dose seasonal, quadrivalent, preservative free" has been added as a late addition to the 2019/2020 influenza season to reflect this new quadrivalent product. | | Update has been made to the **CVX** **Value Set** in the Immunization Test Suite; added:   * **Code**: 197 * **Code System**: CVX * **Description**: influenza, high-dose seasonal, quadrivalent, preservative free |
| Administration Group  Test Case: IZ-AD-3\_No\_Consent  Test Step: IZ-AD-3.1\_Send\_V04\_Z22 | Values in OBX-5.1 in segments where OBX-3.1 is 30963-3 (Vaccine Funding Source), 64994-7 (Vaccine Funding Program Eligibility), or 69764-9 (Document Type) have Test Data Category set to “Value-Test Case Fixed”, but the validator is not generating error notifications when the test message does not use the Test Data provided for these fields. | | The OBX path in the constraint file has been corrected, and the appropriate error notifications are being generated. |
| Administration Group  Test Case: IZ-AD-9\_Admin\_IIS-2Warnings  Test Step: IZ-AD-9.1\_Send\_V04\_Z22  Test Case-level Testing Mode | IZ-AD-9.1\_Send\_V04\_Z22 is set to SEND when it should be set to RECEIVE; the Example Test Message loads automatically, and the Test Step Outcome is set to “Passed” automatically. The Type of Test Step is set to “TA\_INITIATOR” in the test case manager tool. | | The Type of Test Step has been corrected to “SUT\_INITIATOR” in the test case manager tool. |

**Specific Validation**

| **Issue** | **Resolution** |
| --- | --- |
| None |  |

**User Interface**

| **Issue** | **Resolution** |
| --- | --- |
| None |  |

**Core Functionality**

| **Issue** | **Resolution** |
| --- | --- |
| None |  |

**Documentation**

| **Issue** | **Resolution** |
| --- | --- |
| In the *Immunization Tool Quick Reference Guide* document, use of the **Browse** button for uploading test message (when using Context-free or Context-based validation) needs clarification. | Verbiage for instructions changed to “Copy/paste, or click on **Browse** button to find test message, to upload test message into **Message Content** window.” in the updated quick reference guide. |
| In *Tutorial: Immunization Tool for HL7v2 Validation* document, use of the **Browse** button for uploading test message (when using Context-free, Context-based Test Step-level, or Context-based Test Case-level w/o automated transport validation) needs clarification. | Verbiage for instructions changed to “Copy/paste, or click on **Browse** button to find test message, to upload test message into **Message Content** window.” in the updated tutorial. |
| In the *Known Issues* document, item regarding Message Content pdfs for all Test Steps (where the Data (values) consist of many characters without a space, the Data over-write the information in the Categorization column) has been resolved | This item has been removed from the updated *Known Issues* document. |

**SOAP Functionality**

| **Test Case** | **Issue** | **Resolution** |
| --- | --- | --- |
| None |  |  |

**Improvements/Features**

|  |
| --- |
| None |

**Issues for a Future Release**

| **Test Case/if Applicable** | **Issue** |
| --- | --- |
| All Test Steps with a VXU message | In a VXU Context-based message where there are multiple OBX segments for each Order Group, if an OBX segment has OBX-3.1 populated with the 69764-9 LOINC code and has OBX-5.1 populated with an incorrect VIS ID, the Test Tool issues an Error notification that indicates   * in the **Path** information the VXU Order Group (e.g., “VXU\_V04.ORDER[1]”) within which the OBX with the error is contained and * in the **Line #** information the line number listed in the Message Content window for the ORC segment in that Order Group. * In the **Description** information that an Error has been found due to there being no OBX segment where OBX-3.1 is populated with the 69764-9 LOINC code and OBX-5.1 is populated with [an expected VIS ID] within in this Order Group.   The Path, Line #, and Description information may or may not be meaningful enough for a Tester to determine which OBX segment contains the VIS ID error.  The Tool will be modified to make the Error notification more specific and meaningful. |
| Context-free Data Quality Assurance (DQA) function | The DQA tab in the Context-free / VXU Z22 function has been removed in order to update the capability. The Tool will be modified with an updated version.  (Demonstration of how DQA is intended to function has been deleted from the updated Tool Tutorial.) |