**Immunization Test Tool (HIMSS IIP) Release Notes for Version 1.9.9 February 16, 2021**

**HIMSS IIP CDC Test Plans changes**

**HIMSS Immunization Integration Program CDC Test Plan v9.0**

Not changed

**HIMSS Immunization Integration Program CDC Test Plan v8.1**

Not changed

**HIMSS Immunization Integration Program CDC Test Plan v9.0.6 STAGING**

Removed

**Profile/Valueset/Constraints and ONC TestPlan changes**

| **Test Case / Message Profile** | **Issue** | | **Resolution** |
| --- | --- | --- | --- |
| For Z22 messages | Per the CDC, the following **Unit of Sale NDC** have been added:   * 00310-1222-15 for AstraZeneca COVID-19 Vaccine; CARTON, 10 MULTI-DOSE VIALS * 59676-0580-15 for Janssen COVID-19 Vaccine; CARTON, 10 MULTI-DOSE VIALS | | Updates have been made to the **NDC Unit of Sale Value Set** in the Immunization Test Suite; added:   * **Code**: 00310-1222-15 * **Code System**: NDC * **Description**: AstraZeneca COVID-19 Vaccine; CARTON, 10 MULTI-DOSE VIALS * **Code**: 59676-0580-15 * **Code System**: NDC * **Description**: Janssen COVID-19 Vaccine; CARTON, 10 MULTI-DOSE VIALS |
| For Z22 messages | Per the CDC, the following **Unit of Use NDC** have been added:   * 00310-1222-10 for AstraZeneca COVID-19 Vaccine; VIAL, MULTI-DOSE * 59676-0580-05 for Janssen COVID-19 Vaccine; VIAL, MULTI-DOSE, 2.5mL | | Updates have been made to the **NDC Unit of Use Value Set** in the Immunization Test Suite; added:   * **Code**: 00310-1222-10 * **Code System**: NDC * **Description**: AstraZeneca COVID-19 Vaccine; VIAL, MULTI-DOSE * **Code**: 59676-0580-05 * **Code System**: NDC * **Description**: Janssen COVID-19 Vaccine; VIAL, MULTI-DOSE, 2.5mL |
| For Z22 messages | Per the CDC, the following **Unit of Use NDC** Description has been changed:   * For 59267-1000-01 for Pfizer COVID-19 Vaccine, “MULTI-DOSE VIAL, 5 DOSES” has been changed to “MULTI-DOSE VIAL” | | Update has been made to the **NDC Unit of Use Value Set** in the Immunization Test Suite; changed Description:   * **Code**: 59267-1000-01 * **Code System**: NDC * **Description**: Pfizer COVID-19 Vaccine; MULTI-DOSE VIAL |
| For Z22 messages | Per the CDC, the following **Unit of Sale NDC** has been included:   * 62195-0051-01 for Japanese Encephalitis IM | | Update has been made to the **NDC Unit of Sale Value Set** in the Immunization Test Suite; added:   * **Code**: 62195-0051-01 * **Code System**: NDC * **Description**: Japanese Encephalitis IM |
| For Z22 messages | Per the CDC, the following **Unit of Use NDC** has been included:   * 62195-0051-01 for Japanese Encephalitis IM | | Update has been made to the **NDC Unit of Use Value Set** in the Immunization Test Suite; added:   * **Code**: 62195-0051-01 * **Code System**: NDC * **Description**: Japanese Encephalitis IM |
| For Z22, Z32, and Z42 messages | Per the CDC, the following CVX codes have been added:   * CVX code 210, “COVID-19 vaccine, vector-nr, rS-ChAdOx1, PF, 0.5 mL” * CVX code 212, “COVID-19 vaccine, vector-nr, rS-Ad26, PF, 0.5 mL” | | Updates have been made to the **CVX Value Set** in the Immunization Test Suite; added:   * **Code**: 210 * **Code System**: CVX * **Description**: COVID-19 vaccine, vector-nr, rS-ChAdOx1, PF, 0.5 mL * **Code**: 212 * **Code System**: CVX * **Description**: COVID-19 vaccine, vector-nr, rS-Ad26, PF, 0.5 mL |
| For Z22, Z32, and Z42 messages | Per the CDC, the following CVX codes have been added that require an EUA Recipient/Caregiver Fact Sheet be given to the recipient of a COVID-19 vaccine, and these CVX codes must be included in the **PHVS\_VISVaccines\_IIS Value Set**:   * CVX code 210, “COVID-19 vaccine, vector-nr, rS-ChAdOx1, PF, 0.5 mL” for the new AstraZeneca COVID-19 Vaccine * CVX code 212, “COVID-19 vaccine, vector-nr, rS-Ad26, PF, 0.5 mL” for the new Janssen COVID-19 Vaccine | | Updates have been made to the **PHVS\_VISVaccines\_IIS Value Set** in the Immunization Test Suite; added:   * **Code**: 210 * **Code System**: CVX * **Description**: COVID-19 vaccine, vector-nr, rS-ChAdOx1, PF, 0.5 mL * **Code**: 212 * **Code System**: CVX * **Description**: COVID-19 vaccine, vector-nr, rS-Ad26, PF, 0.5 mL |
| For Z22, Z32, and Z42 messages | Per the CDC, the following VIS documents have been added (Note: these codes were developed in advance of potential EUA decision by FDA for each vaccine; the VIS code set is being used to provide the EUA Recipient/Caregiver Fact Sheet codes for EHRs/EMRs for use in a manner analogous to the electronic system and workflow documentation of VIS): | | 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** |
| COVID-19 Janssen Vaccine EUA Recipient-Caregiver Fact Sheet | 253088698300036311210201 |
| COVID-19 AstraZeneca Vaccine EUA Recipient-Caregiver Fact Sheet | 253088698300035611210201 |

**Specific Validation**

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

**User Interface**

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

**Core Functionality**

| **Issue** | **Resolution** |
| --- | --- |
|  |  |

**Documentation**

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

**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.) |