## Description

In Step 3.7.1 the administering practitioner manually keys in the wrong lot number. The practitioner realizes this after the vaccine record has been completed in the SUT and transmitted to IIS. The practitioner reopens the record and correctly enters the lot number to update the record.

The SUT generates an unsolicited vaccine update (VXU - Z22 profile message) correctly and without omission according to supplied test data in the 'Test Data Specification' section of this test step.

## Pre-condition

Lance Gaige Duncan Jr. is registered in the SUT. This was performed in Test Case 2.2.0.

Lance Gaige Duncan Jr. is administered dose without a scannable 2D barcode (Prevnar 20), it has been recorded in the SUT and is visible to SUT users. This was performed in Test Step 3.7.1.

The vaccine administration has been updated to reflect the correct lot number that was previously incorrectly typed in and submitted.

Daniela Jennifer Wyatt is the practitioner.

## Post-Condition

The SUT and the IIS displays a corrected lot number for a newly administered vaccine dose recorded in the SUT.

Go to step 5.3.3 to receive and process ACK from this step.

## Test Objectives

To test the ability that the SUT is able to send newly administration vaccine doses to the IIS.

The SUT links standard codes (i.e., LOINC for tests or evaluation tools, NDC codes for current immunizations, CVX for historical immunizations, MVX manufacturer codes, VIS codes, and appropriate codes for administration site, route, method, etc.) to discrete data elements associated with an immunization. Both NDC and CVX are required for new immunizations and CVX is required for historical.

## Evaluation Criteria

The IIS received a single VXU message with an RXA segment containing an action code of "U" from the SUT for newly administered vaccine dose recorded in the SUT with an updated lot number.

The VXU/Z22 message passes validation using the NIST Immunization VXU Validation Tool (Z22). The content of the message correctly reflects the test data (context-based) in accordance with the Test Data Specification and the Message Content.

This IIP test plan tests clients with NDC as the primary code set and CVX as an alternate code set. Please note that this configuration may vary among jurisdictions. NDC is required for all new administrations and CVX for historical but can include NDC if known.

| Patient Information | |
| --- | --- |
| Element | Data |
| Patient Name | Lance Gaige Duncan, Jr. |
| Mother s Maiden Name | King |
| ID Number | 1111 |
| Date/Time of Birth | Use the HIMSS IIP Test Plan v11.0 Job Aid<br>Today (day of test) the patient is 0 years, 1 months, and 17 days old |
| Administrative Sex | Male |
| Patient Address | 749 Evergreen Ter. Unit A Springfield, OR 97477 USA |
| Phone Number | (541) 555-1111 (Cellular Phone=CP) |
| E-mail Address | IIPMP@gmail.com |

| | |
|---|---|
| Race | American Indian or Alaska Native |
| Ethnic Group | Not Hispanic or Latino |
| Multiple Birth Indicator | No |
| Birth Order | 1 |
| | |
| Immunization Registry Information | |
| Element | Data |
| Immunization Registry Status | Active |
| Immunization Registry Status Effective Date | Patient DOB from Job Aid |
| Publicity Code | Reminder/recall - any method |
| Publicity Code Effective Date | Patient DOB from Job Aid |
| Protection Indicator | No |
| Protection Indicator Effective Date | Patient DOB from Job Aid |
| | |
| Guardian or Responsible Party - 1 | |
| Element | Data |
| Name | Ingrid Stacy Duncan |
| Relationship | Mother |
| Address | 749 Evergreen Ter. Unit A Springfield, OR 97477 USA |
| Phone Number | (541) 555-1111 (Cellular Phone=CP) |
| E-mail Address | IIPMP@gmail.com |
| | |
| Guardian or Responsible Party - 2 | |
| Element | Data |
| Name | Simon Isaiah Duncan Sr. |
| Relationship | Father |
| Address | 749 Evergreen Ter. Unit A Springfield, OR 97477 USA |
| Phone Number | (541) 555-1233 (Cellular Phone=CP) |
| | |
| Vaccine Administration Information - 4 update | |
| Element | Data |
| Administered Vaccine | Prevnar 20 |
| Date/Time Start of Administration | Today's date |
| Administered Amount | 0.5 |
| Administered Units | mL |
| Administration Notes | New immunization record |
| Administering Provider | Daniela Jennifer Wyatt |
| Substance Lot Number | LLBUAYMO6 |
| Substance Expiration Date | 9/27/2029 |
| Substance Manufacturer Name | Pfizer, Inc |
| Substance/Treatment Refusal Reason | |
| Completion Status | Complete |
| Action Code | Update |
| Route | INTRAMUSCULAR |
| Administration Site | Left Deltoid |
| Entering Organization | Oregon Family Medicine |
| Entered By | Ramon Michael Bradshaw |
| Ordered By | Ramon Michael Bradshaw |
| | |
| Observations | |
| Element | Data |
| Vaccine Funding Source | Public |
| Vaccine Program Eligibility | VFC eligible - American Indian/Alaskan Native |
| Document Type | Pneumococcal Conjugate Vaccine (PCV13_PCV15_PCV20) VIS |

| Date VIS Presented | Today's date |
| --- | --- |

| Notes |
| --- |
| The VIS encoded value that is associated with the most current VIS for the vaccines and evaluated in the transmit message, can be found in the CDC VIS Lookup Table located here: https://www.cdc.gov/vaccines/programs/iis/code-sets/vis-barcode-lookup-table.html |