

### 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 5.2.3 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 Today (day of test) the patient is 0 years, approx. 2 months 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	Pprevnar 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
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**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>