Description

Supports test step 3.2.1 This includes a dose of newly recorded historical vaccine.

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.'s DOB: (Please use the HIMSS IIP Test Plan v11.0 Job Aid) Today (day of test) the patient is 0 years, 1 months, and 17 days old) hospital paper medical record reflects a dose of hepatitis B was received.

Daniela Jennifer Wyatt is the practitioner.

Post-Condition

Lance Gaige Duncan Jr.'s SUT record reflects a dose of hepatitis B was received on Date/Time of Birth. This dose is noted/labeled as 'historical'.

The vaccine forecast for Lance Gaige Duncan Jr.'s has been updated (the patient's vaccination history now reflects a prior dose of hepatitis B vaccine) and recommends a subsequent dose of hepatitis B vaccine at an appropriate interval from the prior dose.)

Go to step 5.4.2 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 from the SUT containing historical vaccine doses recorded in the SUT.

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.

Patient Information	
Element	Data
Patient Name	Lance Gaige Duncan, Jr.
Mother s Maiden Name	King
ID Number	1111
Date/Time of Birth	Please use the HIMSS IIP Test Plan v11.0 Job Aid 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 - 1 (Historical Entry)	
Element	Data
Administered Vaccine	hepatitis B vaccine, unspecified formulation
Date/Time Start of Administration	Please use the HIMSS IIP Test Plan v11.0 Job Aid
Administered Amount	
Administered Units	
Administration Notes	Historical information - from other provider
Administering Provider	
Substance Lot Number	
Substance Expiration Date	
Substance Manufacturer Name	
Substance/Treatment Refusal Reason	
Completion Status	Complete
Action Code	Add/Insert
Route	
Administration Site	
Entering Organization	Oregon Family Medicine
Entered By	Daniela Jennifer Wyatt
Ordered By	

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