Description

In Step 3.14.2, Dr. Ramon Bradshaw recommends that Deborah McKay receive a hepatitis A vaccine. Deborah's mother, Angeline McKay declines the recommendation and refuses the vaccine for Deborah. The Administering practitioner incorrectly documents the administration of the Hep A vaccine in the SUT instead of a refusal.

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

Debroah McKay exists in the SUT and the practitioner pre-documents the vaccine administration.

Daniela Jennifer Wyatt is the practitioner.

Post-Condition

Hep A Vaccine Administration is no longer visible in the SUT or the IIS.

Go to step 5.4.4 to receive and process ACK from this step.

Test Objectives

To test the ability that the SUT allows users to submit vaccine administration deletes.

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 "D" from the SUT for newly administered vaccine dose recorded in the SUT.

The UI may not show the codes reference but the SUT SHALL show there is underlying code to support transmission to the IIS as coded data with the RXA Completion status of Delete (D)

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	Deborah Charlotte McKay
Mother s Maiden Name	Schroeder
ID Number	4444
Date/Time of Birth	02/05/2023
Administrative Sex	Female
Patient Address	600 Cherry Rd. Springfield OR, 97477 USA
Local Number	(541) 555-1236 (Telephone=PH)
Race	Black or African American
Ethnic Group	Not Hispanic or Latino
Multiple Birth Indicator	Yes
Birth Order	2

Immunization Registry Information	
Element	Data
Immunization Registry Status	Active
Immunization Registry Status Effective Date	1/26/2024
Publicity Code	Reminder/recall - any method
Publicity Code Effective Date	Today's date
Protection Indicator	No
Protection Indicator Effective Date	Today's date
Guardian or Responsible Party - 1	
Element	Data
Name	Angeline Ingrid McKay
Relationship	Mother
Address	600 Cherry Rd. Springfield OR, 97477 USA
Phone Number	(541) 555-1236 (Telephone=PH)
Vaccine Administration Information - 1	
Element	Data
Administered Vaccine	HAVRIX 58160-0825-43
Date/Time Start of Administration	Today's date
Administered Amount	0.5
Administered Units	mL
Administration Notes	00 New Immunization Record (NIP001)
Administering Provider	Daniela Jennifer Wyatt
Substance Lot Number	IIPVAXN11
Substance Expiration Date	09/27/2029
Substance Manufacturer Name	SKB
Substance/Treatment Refusal Reason	
Completion Status	Complete
Action Code	Delete
Route	INTRAMUSCULAR
Administration Site	Left Vastus Lateralis
Entering Organization	Oregon Family Medicine
Entered By	Daniela Jennifer Wyatt
Ordered By	Ramon Michael Bradshaw

Notes
IIP has determined that, from a regulatory/program perspective, a SUT should not be required to be able to generate delete messages with the Vaccine Funding Source OBX segment for IIP testing. For IIP purposes, testers may ignore the error notification generated by the NIST IIP Immunization Test Suite when this segment is missing. 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