

Description

The SUT supports the ability to perform immunization data entry by hand keying in vaccine details found vials and syringes: vaccine type and manufacturer (found within the NDC which is encoded in the GTIN), expiration date, and lot number.

Based upon the orders of Dr. Ramon Michael Bradshaw, Nurse Daniela Jennifer Wyatt prepares to administer and record a dose of Prevnar 20 00005-2000-01, lot number LLBUAYMO6 for Lance Gaige Duncan Jr. However, the 2D barcode printed upon its vial/syringe is smudged and will not scan. Vaccine type, lot number, and expiration date are to be entered without a barcode scanner.

Pre-condition

Dr. Ramon Michael Bradshaw, orders the four vaccines to be administered to Lance Gaige Duncan Jr., however 1 barcode is not scannable for Prevnar 20 and will be manually entered.

Prevnar 20, CVX 216

Daniela Jennifer Wyatt is the administering practitioner.

Post-Condition

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.

Go to step 5.1.1 to transmit vaccines from step 3.6.1 and 3.7.1

Test Objectives

To test the ability that the SUT allows for manual entry of data from vaccine UoU.

Evaluation Criteria

Lance Gaige Duncan Jr. has been administered vaccines by Nurse Daniela Jennifer Wyatt and the following information is entered into the patient record and visible in the SUT:

| | |
|---|---|
| Item 1 | |
| Product Name (This may vary with each implementation) | Prevnar 20 00005-2000-01 |
| Date Administered | Today's date |
| Unit-of-Use (Syringe or Vial) NDC | 00005-2000-01 |
| Manufacturer | Pfizer, Inc |
| Lot Number | LLBUAYMO6 (practitioner accidentally enters as LLBUAYMO68 which will later be corrected and resubmitted in step 5.3.1 |
| Expiration Date | 9/27/2029 |
| Unit-of-Use (Vial/Syringe) Image that shall not be scanned. | Purposely not provided here, please input manually. |
| Dose-level Eligibility for Vaccines for Children | American Indian or Alaska Native |
| Route | INTRAMUSCULAR |
| Site | Left Deltoid |
| VIS Given | Pneumococcal Conjugate Vaccine (PCV13_PCV15_PCV20) VIS - 05/12/2023 |
| Dose: | 0.5mL |
| Generic Name (CVX 216) | Pneumococcal conjugate PCV20, polysaccharide CRM197 conjugate, adjuvant, PF |

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>