Description

A healthy 32-year-old female, Elise Wong, visits a pharmacy in Alabama to be vaccinated on 12/28/2020 for COVID-19. A staff member collects basic patient demographic information including name, date of birth, and sex. A pharmacist, Wilma Thomas (ID 654), reviews the patient's medical history with the patient and orders the Moderna vaccine for her. The patient is given the EUA patient factsheet for the vaccine, which replaces the Vaccine Information Sheet (VIS), to review. After reading it, the patient agrees to receive the recommended COVID-19 vaccine. She also agrees that the data should be shared once it is incorporated into the local IIS and that reminders and recalls may be sent by any method. An appropriate dose of COVID-19 Moderna vaccine is selected from the clinic's stock of vaccines. A clinician, Lily Jackson (ID 7824), prepares and administers the dose to the patient and then enters the data into the sending application and transmits it to the IIS. The patient is told to return for the 2nd dose of the Moderna vaccine in 4 weeks. She is given a CDC COVID-19 Vaccination Record Card and instructed to bring it when receiving the 2nd dose of the vaccine.

Comments

The dates used in the test story and test messages are examples and can be changed to reflect appropriate current dates.

Pre-condition

Sending systems should have the capability of sending an HL7 v2.5.1 standard-based Immunization Message Z22 Profile-VXU Message.

Post-Condition

System/Provider has knowledge of the 1st dose of the COVID-19 vaccine administration for the patient.

Test Objectives

This test case assesses the ability of the sending application:

- To create a vaccine administration message for an adult who received the 1st dose of the Moderna COVID-19 vaccine.
- To include a patient factsheet instead of a VIS in the message.
- To support vaccination series status as incomplete (Dose 1 of 2)
- To support more than one race.
- To support email address.
- To support mother's maiden name.

Evaluation Criteria

Message Validation Report

Notes

The use of CVX 213 “SARS-COV-2 (COVID-19) vaccine, UNSPECIFIED” is prohibited for the current administration of a COVID-19 vaccine.

COVID-19 vaccines have received Emergency Use Authorization (EUA) by the FDA. Per the CDC, the VIS code set is being used to provide the EUA Recipient/Caregiver Fact Sheet codes for EHRs/EMRs for use in a manner analogous to the electronic system and workflow documentation of VIS. These codes were developed in advance of potential EUA decision by FDA for each vaccine.

Per the ONC 2015 Edition HIT Certification Criterion §170.315(f)(1) Transmission to immunization registries, codes from the NDC Directory are required for vaccines in new vaccine administered records in Z22 VXU messages. However, for this test plan either an NDC, a CVX, or both can be messaged. Best practice is to send both.