**Description**

A 25-year-old male, Mario Valquez visits an urgent care clinic in Chicago on 03/24/2021 and gets vaccinated for COVID-19. A clinic staff member collects basic patient demographic information including name, date of birth, and sex. A clinic provider, David Cato (physician ID 465), reviews the patient's medical history with the patient and notes the patient is due for a dose of the EUA COVID-19 Janssen (J&J) vaccine. The patient is given the EUA patient factsheet for the vaccine, which replaces the Vaccine Information Sheet (VIS), to review. After reading it, he agrees to receive the recommended vaccine. He 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 Janssen vaccine is selected from the clinic's stock of vaccines. A clinician, Jack Debonair (ID 2782), prepares and administers the dose to the patient and then enters the data into the sending application and transmits it to the IIS application.

**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**

No Post Condition

**Test Objectives**

This test case assesses the ability of the sending application:

- To create a vaccine administration message for an adult who received a COVID-19 vaccine.
- To create a Z22 VXU message containing a new administration using an NDC, a CVX, or both for the Janssen vaccine in RXA-5.
- To include a patient factsheet instead of a VIS in the message.
- To support vaccination status "complete".
- 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.