

**Description**

A sending application creates vaccination records to be transmitted to the IIS for a healthy adult female who received the 1st dose of the Pfizer COVID-19 vaccine on 1/7/2021 and the 2nd dose of the Pfizer COVID-19 vaccine on 1/28/2021. The patient indicated that her information should not be shared (no consent) by the IIS.

**Test Objectives**

This test case assesses the ability of a sending application to:

- Create vaccine administration messages based on the Z22 profile as defined in the HL7 2.5.1 Immunization Implementation Guide Release 1.5 and associated Addendum HL7 v2.5.1 Z22
- 1st message for an adult patient who received the 1st dose of a multi-dose COVID-19 vaccine
- 2nd message for an adult patient who received the 2nd dose of a multi-dose COVID-19 vaccine
- Sending system has insufficient knowledge of the first administration so a historical record is not included in the 2nd message
- Create administration messages containing a new administration using an NDC, a CVX code, or both for the COVID-19 vaccine.