

#### Description

Following the vaccinations given during the visit, the EHR transmits an Immunization report to the Immunization Registry using the VXU/Z22. The Vaccination report includes all newly administered vaccines, and an indication that Varicella was not administered due to a history of the disease as evidence of immunity. The Vaccination report also includes an indication that Hepatitis A was not administered due to serological evidence of immunity. The report MAY send the immunizations that the EHR imported from the IIS.

#### Comments

The Report must include all newly administered vaccines in any order. The report may include the information imported from the IIS.

#### Pre-condition

The vaccines for the visit have been administered. The clinical information has been documented for Juan Marcel Marina in the Initial Data Load.

#### Post-Condition

The Immunization Report has been transmitted to the IIS using a valid Z22 VXU in accordance with the test data correctly and without omission.

#### Test Objectives

**Transmit Standard Patient Immunization History Report:** The EHR or other clinical software system directly or indirectly through an intermediary creates and transmits a report of a patient's newly administered or newly identified immunization history to public health immunization registries.

**Link Standard Codes to Immunization Data:** The EHR or other clinical software system links standard codes (i.e., LOINC for lab tests or evaluation tools, SNOMED CT for conditions or observations, NDC codes for current immunizations, CVX for historical immunizations, appropriate codes for administration site, route, method, etc.) to discrete data elements associated with an immunization.

Note: Testing for NDC codes, CVX for immunizations.

**Add Jurisdiction-Specific Vaccine Eligibility Code:** The EHR or other clinical software system demonstrates the ability to configure dose level vaccine eligibility codes per jurisdictional requirements. This includes tracking and exchanging a jurisdiction-specific dose level eligibility code for administered vaccines. Note that this capability only applies to newly administered doses, not historical doses.

#### Evaluation Criteria

The VXU/Z22 message passes validation using the NIST Immunization VXU Validation Tool (Z22) (context-free). The content of the message correctly reflects the test data (context-based) in accordance with the Test Data Specification and the Message Content.

This includes indication that Varicella was not administered due to history of the disease, and an indication that Hepatitis A was not administered due to serological evidence of immunity.

#### Notes

All NDC coded values are required to use the 11-Character format that includes dashes ('-').

If the EHR or other clinical system is not supporting the Jurisdiction-specific eligibility code, then OBX observation for VFC-Eligibility may pass with notable exception using vaccine program eligibility as non-VFC Eligible and OBX observation for funding source using Private funding source.

The message may fail to validate because the new Vaccine Program Eligibility code is not in the HL70064\_IZ code set. This is expected behavior and the system may pass with notable exception.