

### Description

Following the vaccinations given during the visit, the EMR transmits an Immunization report to the Immunization Registry using the VXU/Z22. The Vaccination report includes all newly administered vaccines. The report should include vaccines incorrectly recorded in the IIS. The report MAY send the immunizations that the EMR imported from the IIS.

### Comments

The Report must include all newly administered vaccines in any order. the report should also include the corrected information where the EMR has different information than the IIS, and may also include the information imported from the IIS.

### Pre Condition

The vaccines for the visit have been administered.

### 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 immunization history to public health immunization registries.

**Link Standard Codes to Immunization Data:** The EHR or other clinical software system links standard codes to discrete data elements associated with an immunization.

a. NDC codes, CVX for immunizations

### 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.

### Notes for Testers

Sending information updated in the EMR back to the registry is an advanced function and some registries will not accept updates.