

#### Description

Juana Mariana Vazquez immunization registry provided Evaluated History and Forecast is reconciled with the Immunization history information in the EHR.

#### Comments

No Comments

#### Pre-condition

A Z44 query has been submitted to the Immunization Registry and a Z42 response is provided back to the EHR, and the response is available in the EHR for reconciliation and import.

#### Post-Condition

Evaluated Immunization History returned from the registry is reconciled and imported into the patient record (Juana Mariana Vazquez).

#### Test Objectives

**Request/Receive Patient Immunization Data and Identify Source:** The EHR or other clinical software system stores immunization history accepted electronically from other sources (such as a public health immunization registry consistent with HL7 version 2.5.1, Implementation Guide for Immunization Messaging Release 1.5) or communicated by the patient and manually entered by the clinician. When viewing such information, the provider can determine which immunizations were administered by the practice, which were entered manually as patient-reported, and which were accepted electronically from the public health registry.

#### **Compare Public Health Immunization Registry (IIS) Immunization History to EHR Immunization**

**History:** The public health immunization registry has returned the requested immunization history for a patient. The EHR is able to display the immunization history received from the registry as well as the immunization history already present in the EHR so that a user can compare them. The EHR provides a way for the provider to view both histories, determine what is different (if anything), and update the existing EHR immunization history with new information from the public health registry if he or she chooses to do so. The system must store the new information as structured data as part of the patient's local immunization history and include the time of the update and the source of the new information.

**Review Patient Immunization History:** The EHR or other clinical software systems displays vaccine history by vaccine series.

Support for:

**Receive Dose Not Indicated Alert for Single Vaccine Order:** The EHR or other clinical software system notifies the provider in instances when there are single or combination vaccine orders that are inconsistent with the expected timing intervals included in the vaccine forecast. Inconsistencies include suggestion of different date(s) for ordering the vaccine(s) or indication the vaccine(s) is/are no longer required.

#### Evaluation Criteria

1. The user imports the vaccination, date administered, and documents adverse reactions reconciled from the returned vaccinations as follows:

**a. Vaccinations NOT imported:**

hepatitis B vaccine, pediatric or pediatric/adolescent dosage (CVX 08) administered 12/20/2015
measles, mumps, and rubella virus vaccine (CVX 03) administered 8/22/2016
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 11/20/2019 [known only to EHR, not available from IIS]
poliovirus vaccine, inactivated (CVX 10) administered 2/21/2017 [known only to EHR, not available from IIS], adverse reaction: VXC12^fever of >40.5C (105F) within 48 hours of dose^CDCPHINVS
Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161) administered 10/15/2019 [known only to EHR, not available from IIS]

**b. Vaccinations Imported:**

hepatitis B vaccine, pediatric or pediatric/adolescent dosage (CVX 08) administered 11/01/2015
hepatitis B vaccine, pediatric or pediatric/adolescent dosage (CVX 08) administered 05/20/2016
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 1/22/2016
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 3/23/2016
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 5/22/2016
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 2/21/2017
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 1/22/2016
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 3/23/2016
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 5/22/2016
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 11/21/2016
poliovirus vaccine, inactivated (CVX 10) administered 1/22/2016
poliovirus vaccine, inactivated (CVX 10) administered 3/23/2016, adverse reaction: 31044-1^Reaction^LN 1 VXC11^convulsions (fits, seizures) within 72 hours of dose^CDCPHINVS
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 1/22/2016
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 3/23/2016
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 5/22/2016
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 1/11/2017
rotavirus, live, monovalent vaccine (CVX 119) administered 1/22/2016
rotavirus, live, monovalent vaccine (CVX 119) administered 3/23/2016
Influenza, seasonal, injectable (CVX 161) administered 9/25/2016
Influenza, seasonal, injectable (CVX 161) administered 10/29/2016
Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161) administered 10/2/2017
Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161) administered 11/4/2018
hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule (CVX 83) administered 11/23/2016
hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule (CVX 83) administered 5/23/2017
measles, mumps, rubella virus vaccine (CVX 03) administered 9/22/2019
Varicella virus vaccine (CVX 21) administered 12/15/2017

2. The tester verifies that the Reconciled Patient Immunization History can be displayed to the user.

**Notes**

No Note

