

#### 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 historically 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 they choose 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

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

- Vaccinations NOT imported:

hepatitis B vaccine, pediatric or pediatric/adolescent dosage (CVX 08) administered 12/20/2017
measles, mumps, and rubella virus vaccine (CVX 03) administered 8/22/2018
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 11/20/2021 [known only to EHR, not available from IIS]
poliovirus vaccine, inactivated (CVX 10) administered 2/21/2019 [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 (CVX 150) administered 10/15/2021 [known only to EHR, not available from IIS]

- Vaccinations imported:

hepatitis B vaccine, pediatric or pediatric/adolescent dosage (CVX 08) administered 11/01/2017
hepatitis B vaccine, pediatric or pediatric/adolescent dosage (CVX 08) administered 05/20/2018
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 1/22/2018
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 3/23/2018
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 5/22/2018
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 2/21/2019
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 1/22/2018
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 3/23/2018
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 5/22/2018
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 11/21/2018
poliovirus vaccine, inactivated (CVX 10) administered 1/22/2018
poliovirus vaccine, inactivated (CVX 10) administered 3/23/2018
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 1/22/2018
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 3/23/2018
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 5/22/2018
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 1/11/2019
rotavirus, live, monovalent vaccine (CVX 119) administered 1/22/2018
rotavirus, live, monovalent vaccine (CVX 119) administered 3/23/2018
Influenza, injectable, quadrivalent, preservative free (CVX 150) administered 9/25/2018
Influenza, injectable, quadrivalent, preservative free (CVX 150) administered 10/29/2018
Influenza, injectable, quadrivalent, preservative free (CVX 150) administered 10/2/2019
Influenza, injectable, quadrivalent, preservative free (CVX 150) administered 11/4/2020
hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule (CVX 83) administered 11/23/2018
hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule (CVX 83) administered 5/23/2019
measles, mumps, rubella virus vaccine (CVX 03) administered 9/22/2021
Varicella virus vaccine (CVX 21) administered 12/15/2019

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

#### Notes

No Note