

Description

The EHR vendor loads immunization history data from the local practice for Juana Mariana Vazquez. This included an MMR dose that was given too early. This MMR doses serve to seed checking for dose given too early in TestCaseGroup: Juana Mariana Vazquez Visit, TestCase: Query the Registry for Juana Mariana Vazquez, TestStep: Mark first MMR Dose as Invalid .

Comments

No Comments

Pre Condition

The EMR has recorded all of the pediatric demographic in the record created for Juana Mariana Vazquez.

Post Condition

The immunization history the known to the local practice is loaded into the record created for Juana Mariana Vazquez.

Test Objectives

Record Past Immunizations: The EHR or other clinical software system allows providers to enter information about immunizations given elsewhere (e.g., by another doctor, at a public health clinic, pharmacy, etc.) with incomplete details.

Request/Receive Patient Immunization Data and Identify Source: The EHR or other clinical software is able to store 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.

Supporting data for:

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.

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

Evaluation Criteria: Vendor successfully records all immunization data known to the local practice as provided, with all required attributes indicated by [Y]:

Historical Vaccine from Another Practice - DTaP			
Entered BY	Sandra Molina		Y
Ordering Provider	J. Rodriguez		Y
Entering Organization	Shoreline Pediatrics		Y
Vaccine Event information source (Administration Notes)	Historical information - from parent's written record (NIP001 03)		Y
Value/Text for Vaccine Type	DTaP		Y
Date/Time of Start of Administration	11/20/2015		Y
Vaccine Administered	diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106)		Y
Administered Amount (of Vaccine)	0.5		Y

Notes for Testers

The MMR doses serve to seed checking for dose given too early in TestCaseGroup: Juana Mariana Vazquez Visit, TestCase: Query the Registry for Juana Mariana Vazquez, TestStep: Mark first MMR Dose as Invalid.