

#### Description

The EHR vendor loads immunization history data for an MMR dose entered 2 weeks prior to the current visit date and an MMR dose that was given too early. These MMR doses serve to seed checking for the condition that it is too early to give a live vaccine in TestCaseGroup: Juana Mariana Vazquez Visit, TestCase: Juana Mariana Vazquez, Enter Orders and Immunizations, TestStep: Attempt to order Varicella Dose.

#### Comments

No Comments

#### Pre-condition

The EHR has recorded all of the pediatric demographic data in the record created for Juana Mariana Vazquez. All test steps that are part of the Query the Registry for Juana Mariana test steps are completed, including the vaccination forecasting.

#### Post-Condition

The immunization history of the MMR that was administered 2 weeks prior to the test date 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 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.

Supporting data 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.

**Receive Dose Not Indicated Alert Upon Vaccine Administration:** The system notifies the individual administering a vaccine that the vaccine is inconsistent with expected timing intervals as suggested by the vaccine forecast. The method and timing of notification can be specified to meet local clinical workflow. This requirement is a “failsafe” mechanism in case the provider orders a vaccine dose that is inconsistent with appropriate timing intervals.

#### Evaluation Criteria

**Evaluation Criteria:** Vendor successfully records all immunization data known to the local practice as provided, with all required attributes indicated by [Y]. The coded values are not expected to be displayed to the user, but it is expected that the value selected has the identified meaning, and it is expected that the system will use the coded value when the attribute is conveyed in later transactions:

Vaccine from Practice MMR II		
Entered BY	Sandra Molina	Y
Ordering Provider	Frank Smith	Y
Entering Organization	Shoreline Pediatrics	Y
Administration Notes (Vaccine Event information source)	Historical information - from parent's written record (NIP001 03)	Y
Date/Time of Start of Administration	14 days prior to the Current Date	Y
Vaccine Administered	measles, mumps and rubella virus vaccine (CVX 03, NDC 00006-4681-01 - MMR II)	Y
Administered Amount (of Vaccine)	0.5	Y
Administered Units (of Measure)	mL	Y
Administering Provider	Sandra Molina	Y
Administered-at Location	400 Shoreline Drive, Stamford Connecticut 06901	Y
Lot Number	0934GG	Y
Substance Expiration Date	12/31/2022	Y
Substance Manufacturer.	Merck and Co Inc (MVX MSD)	Y
Completion Status	Completed (CP)	Y
Route of Administration	Subcutaneous (NCIT C28399, HL70162: SC)	Y
Administration Site	Left Arm (HL70163 LA)	Y

#### Notes

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