

Description

The fifth DTaP is ordered, and the provider is notified that the dose is too early.

Comments

No Comments

Pre-condition

Initial Data Load completed with demographic data, vaccination history, and clinical history. Historical Vaccination reconciled and loaded into the EHR. Vaccine forecast is available in the EHR.

Post-Condition

DTaP vaccine is ordered for the patient, and provider is notified that the dose is too early.

Test Objectives

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.

Enter Vaccination Order: The EHR or other clinical software system allows providers to order immunizations for a patient using filters for type of vaccine, including combination vaccines.

Evaluation Criteria

The EHR records the following order information and Alert. 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:

Entered BY	Sandra Molina
Ordering Provider	Frank Smith
Entering Organization	Shoreline Pediatrics
Vaccine Event information source	New immunization record (NIP001 00)
Value/Text for Vaccine Type	diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106)
Date/Time Vaccine order was recorded	Current Date
Alert	Notification that the dose is too early

Notes

In step 8 of this TestCase, there will be a request to attempt to record this DTaP dose, which is also expected to result in an alert notification. There may be systems that require an alert override to establish this DTaP order to be able to execute Step 8: Attempt to administer DTaP vaccine and alerted that the dose is too early.