

### Description

The physician accesses the record for Juan Marcel Gonzales and:

- Orders administration of Influenza vaccine (intranasal, live virus vaccine)
- Receives notification the patient has asthma, a relative contraindication for intranasal influenza vaccine

### Comments

No Comments

### Pre Condition

Initial Data Load completed with demographic data, vaccination history, and clinical history. Historical Vaccination reconciled and loaded into the EMR.

### Post Condition

User notified of history of contraindication to influenza virus vaccine, live, attenuated, for intranasal use (CVX 111) of asthma on problem list. Order is changed to Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161).

### Test Objectives

**Modify Antigen Recommendations Based on Active Diagnoses:** The system notifies the provider of any conflicts between recommended vaccines in the updated forecast and the patient's current or historical diagnoses.

**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

EMR Records the following order information and Alert:

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	influenza virus vaccine, live, attenuated, for intranasal use (CVX 111)				
Date/Time Vaccine Refusal was recorded	Current Date				
Alert	Notification the patient has asthma, a relative contraindication for intranasal influenza vaccine.				

The Provider changes the order to:

Vaccine Type:	• Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161)
---------------	---

## Notes for Testers

No Note

The physician accesses the record for Juan Marcel Gonzales and:

- Orders administration of Influenza vaccine (intranasal, live virus vaccine)

- Receives notification the patient has asthma, a relative contraindication for intranasal influenza vaccine

No Comments

Initial Data Load completed with demographic data, vaccination history, and clinical history. Historical Vaccination reconciled and loaded into the EMR.

User notified of history of contraindication to influenza virus vaccine, live, attenuated, for intranasal use (CVX 111) of asthma on problem list. Order is changed to Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161).

**Modify Antigen Recommendations Based on Active Diagnoses:** The system notifies the provider of any conflicts between recommended vaccines in the updated forecast and the patient's current or historical diagnoses.

**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.

EMR Records the following order information and Alert:

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	influenza virus vaccine, live, attenuated, for intranasal use (CVX 111)
Date/Time Vaccine Refusal was recorded	Current Date
Alert	Notification the patient has asthma, a relative contraindication for intranasal influenza vaccine.

The Provider changes the order to:

Vaccine Type:

• Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161)

No Note