

### Description

The physician accesses the record for Juan Marcel Marina. Due to the existing condition of congenital asplenia, the EMR recommends meningococcal vaccine.

The recommendations up to 24 months of age are: Menveo (for catch up since this patient has had no prior vaccine 2 doses, 12 weeks apart and after 1st birthday), MenHibRix (for catch up 2 doses 8 weeks apart), and Menactra (after 24 months - 2 doses 8 weeks apart, at least 4 weeks after complete PCV13 series).

The physician orders the administration of Menveo (IM - CVX 136, NDC 46028-0208-1)

### 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 indication for meningococcal vaccine due to the congenital asplenia condition.

The order for the meningococcal vaccine is placed.

### 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. 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	Meningococcal vaccine - Menveo (CVX 136, NDC 46028-0208-01) Manufacturer SKB	
Date/Time Vaccine was recorded	Current Date	
Alert	Notification the patient has congenital asplenia, an indication for meningococcal vaccine.	

### Notes for Testers

The alert for Menveo is considered an advanced function. The tester is requested to document in

notable exceptions where this information is not available to the provider in an active or passive alert.