Description

The physician accesses the record for Juan Marcel Marina and:

◆◆◆ Accepts the vaccines provided by the registry as this is a new patient and there are no prior vaccines recorded

◆◆◆ Views the registry history including the second dose of Hepatitis B vaccine given late (at 2 years of age) and no history of a third dose; influenza vaccine was also not given since 2015

Comments

There is no reconciliation step as there are no historical immunizations in the EMR. All will be imported from the Z42 response.

Pre Condition

A Z44 query has been submitted to the Immunization Registry and a Z42 response is provided back to the EMR.and the response is available in the EMR for reconciliation and import.

Post Condition

Evaluated Immunization History returned from the registry is reconciled and imported into the patient record (Juan Marcel Marina)

Test Objectives

Real Time Request/Receive Patient Immunization History: The system sends a request to the public health immunization registry "on demand" (e.g., those without scheduled appointments). The request includes the identifying information the immunization registry needs to match each patient with those in the registry including, if present, the mother's maiden name, a multiple birth indicator, and the birth order. The request also is sent in a pre-determined format the registry can read and interpret (Query Response Grammar (RSP) - HL7 version 2.5.1 Implementation Guide for Immunization Messaging Release 1.5).

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.

Evaluation Criteria

1. The EMR displays the information returned from the Immunization Registry according to the Juror Document.

2. The user imports returned vaccinations as follows:

a. **Vaccinations Imported:**

hepatitis B vaccine, pediatric or pediatric/adolescent dosage (CVX 08) administered 3/3/2015
hepatitis B vaccine, pediatric or pediatric/adolescent dosage (CVX 08) administered 4/15/2015
Verify that the EMR is alerted that this dose was given too late
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 5/15/2015
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 7/13/2015
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 9/16/2015
diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 9/20/2016
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 5/14/2015
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 7/21/2015
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 9/27/2015
Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 5/4/2016

poliovirus vaccine, inactivated (CVX 10) administered 5/14/2015
poliovirus vaccine, inactivated (CVX 10) administered 7/21/2015
poliovirus vaccine, inactivated (CVX 10) administered 10/15/2015
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 5/18/2015
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 7/21/2015
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 9/27/2015
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 5/4/2016
rotavirus, live, monovalent vaccine (CVX 119) administered 5/18/2015
rotavirus, live, monovalent vaccine (CVX 119) administered 7/21/2015
Influenza, injectable,quadrivalent, preservative free, pediatric (CVX 161) administered 9/27/2015
Influenza, injectable,quadrivalent, preservative free, pediatric (CVX 161) administered 10/20/2016
hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule (CVX 83) administered 5/15/2016
hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule (CVX 83) administered 12/1/2013
measles, mumps, rubella, and varicella virus vaccine (CVX 94) administered 10/20/2016

Notes for Testers

No Note