

Description

The physician accesses the record for Juan Marcel Gonzales 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 2013

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 Gonzales)

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 11/23/2011

hepatitis B vaccine, pediatric or pediatric/adolescent dosage (CVX 08) administered 12/23/2013

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 1/22/2012

diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 3/22/2012

diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 5/21/2012

diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens (CVX 106) administered 2/20/2013

Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 1/22/2012

Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 3/22/2012

Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 5/21/2012

Haemophilus influenzae type b vaccine, PRP-OMP conjugate (CVX 49) administered 11/22/2012

poliovirus vaccine, inactivated (CVX 10) administered 1/22/2012
poliovirus vaccine, inactivated (CVX 10) administered 3/22/2012
poliovirus vaccine, inactivated (CVX 10) administered 5/21/2012
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 1/22/2012
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 3/22/2012
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 5/21/2012
pneumococcal conjugate vaccine, 13 valent (CVX 133) administered 11/22/2012
rotavirus, live, monovalent vaccine (CVX 119) administered 1/22/2012
rotavirus, live, monovalent vaccine (CVX 119) administered 3/22/2012
Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161) administered 9/22/2012
Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161) administered 10/20/2012
Influenza, injectable, quadrivalent, preservative free, pediatric (CVX 161) administered 10/30/2013
hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule (CVX 83) administered 5/21/2013
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 11/22/2012

Notes for Testers

No Note