

Description

The EMR Generates a Z44 query to the Immunization Registry to retrieve the Evaluated History and Forecast for Juana Mariana Gonzales.
Querying the registry will consist of the vendor creating Z44 messages for Juana Mariana Gonzales to be sent to the registry. The response will be processed as part of the 'Display, Reconcile, Import and Update Immunization Information' activity.

Using the Z42 Response to Immunization Registry Query, the EMR displays the Evaluated History and Forecast to the user for reconciliation and update. The vendor will receive information back from the registry and show the ability to view and reconcile, and import the information returned by the registry (NOTE: the Z42 message will be provided either manually, or as part of the tool). This test will also look at the system's ability to view the forecast returned by the registry, and create a new forecast after reconciling the information.

Comments

No Comments

Pre Condition

Juana Mariana Gonzales is entered as a patient in the EMR with complete Demographic data, Immunization History Data, and Clinical Data according to the steps in the 'Juana Mariana Gonzales Initial Data Load'

Post Condition

A Z44 Query is generated and submitted to the Immunization Registry/Test tool.

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).

Evaluation Criteria

The vendor can produce a valid Z44 query in accordance with the test data correctly and without omission. The data in the message corresponds to the data in the EMR and contains all test data attributes supplied.

Notes for Testers

No Note