

### Description

SUT shall Requests (query) a patient's evaluated immunization history and vaccine forecast from an IIS using an HL7 v2.5.1 Z44 profile message.

Nurse, Daniela Wyatt, uses SUT to lookup (query) Selma Nadia McKay evaluated immunization history and forecast.

### Pre-condition

Selma Nadia McKay's demographic data are stored within the SUT.

Some of Selma Nadia McKay's immunization data from the IIS does not exist within the SUT.

Selma Nadia McKay's evaluated immunization history and forecast exists within the IIS.

Daniela Jennifer Wyatt is the practitioner.

### Post-Condition

A query for Selma Nadia McKay's evaluated immunization history and forecast (profile Z44 message) has been sent from the SUT to the IIS.

Go to step 4.2.2 to receive and process RSP from this step

### Test Objectives

To test the capability that the SUT is able to query patient immunization history and forecast from IIS.

### Evaluation Criteria

SUT triggers Z-44 profile message (request for evaluated history and forecast) to the IIS that meets the following requirements:

The message's Query by Parameter (QDP) segment contains the following patient information:

Patient Information	
Element	Data
Patient Name	Selma Nadia McKay
Mother's Maiden Name	Schroeder
ID Number	3333
Date/Time of Birth	02/05/2023
Administrative Sex	Female
Patient Address	600 Cherry Rd. Springfield, OR 97477 USA
Phone Number	(541) 555-1236 (Telephone=PH)
Multiple Birth Indicator	Y
Birth Order	1

- Limits the query response to one response (RCP-2.1 = 1)

### Notes

The Rotavirus vaccine should not appear in the forecast for children older than 15 weeks who have not been immunized.

RSV is not included in this test plan forecast but may be included in your results-not evaluated.