

Description

After receiving a query for the patient's evaluated history and forecast, the IIS generates and sends a return evaluated history response (RSP -- Z42 profile) message to the SUT.

Pre-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.

Selma Nadia McKay (DOB 02/05/2023), has the following vaccines recorded in the SUT: 1 dose of Hepatitis A and 1 dose of Hepatitis B and has the following vaccines recorded in the IIS: 3 doses of Hepatitis B, 3 doses of Rotavirus, 3 doses of DTaP, 4 doses of Hib, 4 doses of PCV20, 3 dose of IPV, 2 doses influenza, 2 MMR (1 invalid, 1 as MMRV (Varicella.)

Daniela Jennifer Wyatt is the practitioner.

Post-Condition

The patient's evaluated immunization history from the IIS is available to a clinician to compare with the SUT's records.

Go to step 4.3.1

Test Objectives

Confirms valid receipt and display of response message using the Juror Document.

To test the capability that the SUT is able to consume immunization history returned from IIS.

Evaluation Criteria

IIP's Clinical Decision Support testing ensures all ACIP pediatric age-based vaccines are forecasted using standard concepts (e.g., earliest date, recommended date). IIP does not perform comprehensive accuracy testing to ensure the EHR aligns with all ACIP recommendations at this time. The algorithm for the Forecast is not being evaluated, only the ability of the SUT to display reasonable and appropriate forecast information as indicated in the evaluation criteria.

Confirm SUT's receipt of a return evaluated history (RSP -- Z42 Profile) message from an IIS that includes the following history details (IIS forecast does not need to be displayed). Validity must be present but validity reason may or may not be present and will not be evaluated.

| Antigen | Date | Vaccine Given (CVX) | Source | Validity |
|------------------|------------|-----------------------|---|----------|
| DTaP, Tdap or Td | 4/5/2023 | DTaP-Hib-IPV (120) | Historical information - from public agency | Valid |
| DTaP, Tdap or Td | 6/5/2023 | DTaP-Hib-IPV (120) | Historical information - from public agency | Valid |
| DTaP, Tdap or Td | 8/5/2023 | DTaP-Hib-IPV (120) | Historical information - from public agency | Valid |
| HepB | 02/05/2023 | Hep B, Adol/peds (08) | Historical information - from public agency | Valid |
| HepB | 3/5/2023 | Hep B, Adol/peds (08) | Historical information - from public agency | Valid |
| HepB | 8/5/2023 | Hep B, Adol/peds (08) | Historical information - from public agency | Valid |

| | | | | |
|--------------|----------|---|---|----------------|
| Hib | 4/5/2023 | DTaP-Hib-IPV (120) | Historical information - from public agency | Valid |
| Hib | 6/5/2023 | DTaP-Hib-IPV (120) | Historical information - from public agency | Valid |
| Hib | 8/5/2023 | DTaP-Hib-IPV (120) | Historical information - from public agency | Valid |
| Hib | 2/5/2024 | Hib PRP-OMP (49) | Historical information - from public agency | Valid |
| Influenza | 8/5/2023 | Influenza, injectable, quadrivalent (158) | Historical information - from public agency | Valid |
| Influenza | 9/2/2023 | Influenza, injectable, quadrivalent (158) | Historical information - from public agency | Valid |
| MMR | 2/5/2024 | MMRV (94) | Historical information - from public agency | Valid |
| MMR | 8/5/2023 | MMR (03) | Historical information - from public agency | Invalid |
| Pneumococcal | 4/5/2023 | PCV20 (216) | Historical information - from public agency | Valid |
| Pneumococcal | 6/5/2023 | PCV20 (216) | Historical information - from public agency | Valid |
| Pneumococcal | 8/5/2023 | PCV20 (216) | Historical information - from public agency | Valid |
| Pneumococcal | 2/5/2024 | PCV20 (216) | Historical information - from public agency | Valid |
| Polio | 4/5/2023 | DTaP-Hib-IPV (120) | Historical information - from public agency | Valid |
| Polio | 6/5/2023 | DTaP-Hib-IPV (120) | Historical information - from public agency | Valid |
| Polio | 8/5/2023 | DTaP-Hib-IPV (120) | Historical information - from public agency | Valid |
| Rotavirus | 4/5/2023 | Rotavirus, pentavalent (116) | Historical information - from public agency | Valid |
| Rotavirus | 6/5/2023 | Rotavirus, pentavalent (116) | Historical information - from public agency | Valid |
| Rotavirus | 8/5/2023 | Rotavirus, pentavalent (116) | Historical information - from public agency | Valid |
| Varicella | 2/5/2024 | MMRV (94) | Historical information - from public agency | Valid |

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.