

### Description

The SUT forecast for Selma Nadia McKay (DOB 02/05/2023) is being displayed. A patient's immunization history in the SUT is incomplete. A query for an immunization history and forecast to the IIS and processing a response have not yet been performed. The incomplete nature of the patient's immunization history also impacts the SUT's forecast. The SUT is likely recommending vaccine doses that have been administered yet are not known to the SUT. Since the SUT has not yet queried the IIS for the patient's vaccination history, the local vaccination history is incomplete and the forecast is based upon the same incomplete information.

### Pre-condition

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 vaccine forecast from the SUT is available to a practitioner.

Go to step 4.2.1

### Test Objectives

The ability of the SUT to display an updated forecast post-reconciliation of the immunization history.

### 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.

While the proctor is not evaluating the content of the forecast in this step, the proctor is asked to take a screenshot to compare this forecast with the future forecast in step 4.5.1. The screenshot should include the vaccines listed. This is to support Step 4.5.1 - re-evaluate patient's immunization forecast after reconciling IIS-provided vaccine history.

Due to the limited vaccination records within the SUT the following vaccines are provided to SUT users:

| Vaccine          |
|------------------|
| DTaP, Tdap or Td |
| COVID            |
| Hep A            |
| Hep B            |
| Influenza        |
| MMR              |
| Polio            |
| Pneumococcal     |
| Varicella        |

### 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.