

### Description

The physician accesses the record for Anita Francesca Marina and:

- Views the vaccine recommendations (as determined through EHR defined methods with consideration for both the IIS vaccine history and forecast and the information available through the EHR).

As a healthcare worker:

1. The EHR or other clinical software system indicates that given her immunity status of negative for Hepatitis B, that she should receive the Hepatitis B vaccination.
2. Anita has been identified to receive a new vaccine as a campaign for healthcare workers.

### Comments

All historical vaccinations will be imported from the Z42 response.

### Pre-condition

EHR Vaccine History is imported from the Immunization History returned from the Immunization Registry (previous step 'View and import response to request for vaccination history for adult patient Anita Francesca Marina').

### Post-Condition

Adult vaccine recommendations based upon the imported vaccine history and information already available to the provider is available to the user.

### Test Objectives

**View Reconciled Immunization Forecast:** The EHR or other clinical software system has the ability to re-evaluate and update the immunization forecast using a patient's newly updated immunization history. Forecasts are updated following reconciliation of immunization data contained in the public health immunization registry with immunization data contained in the EHR. Processing the new forecast can be internal to the EHR or it can use an external forecasting service, but should reference the most recent recommendations.

Note: Recommendation for new vaccine; Vaccine Recommendation for Adult Patient

### Evaluation Criteria

1. Tester verifies that the vendor can display the immunization recommendations based upon the adult patient's vaccination history, and risk factors of potential future pregnancy and as a healthcare worker.
2. Verify that the EHR includes in the vaccine recommendations:

New Coronavirus vaccine	per campaign targeting Healthcare Workers
Hepatitis B	Recommended for Healthcare Workers from EMR
Tdap booster June 1, 2022	Per Immunization Registry recommendations
influenza, unspecified formulation due on Sept 1, 2022 or later	Per post-reconciled immunization recommendations

### Notes

Healthcare worker-related vaccine recommendations are not returned from the registry since the registry does not maintain employment information.

Influenza does not have an overdue date.

The due date must be in range for the date shown. Vaccine recommendation dates may vary and should accommodate differences in date handling.

Further variation should be documented in the notable exceptions, but minimally each forecast recommendation must be present.