

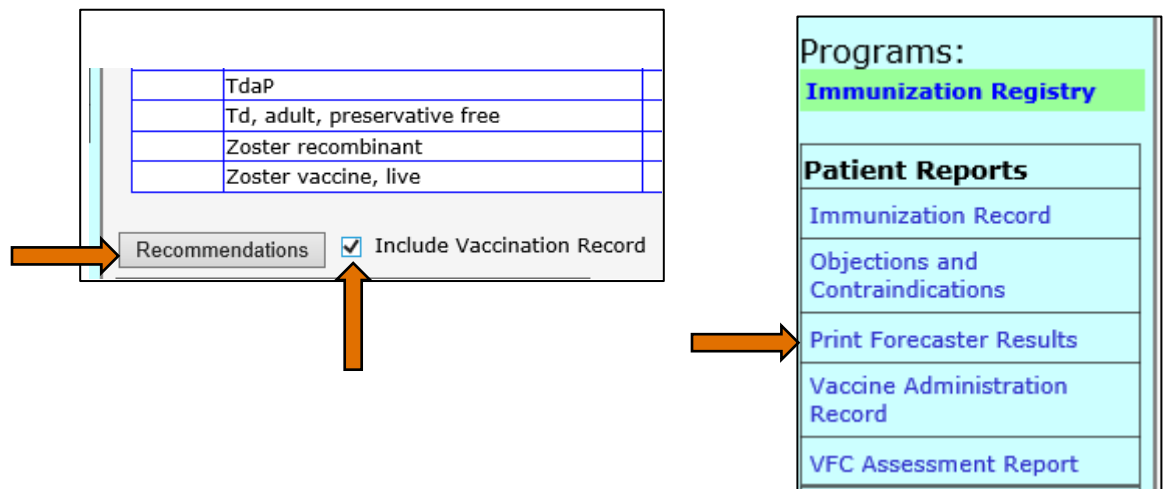


The VT Immunization Registry (IMR) has a forecaster tool that provides a list of immunizations due for each patient based on age, immunization history, and the CDC Immunization Schedule.

It provides clinicians with guidance in collaboration with the Advisory Committee on Immunization Practices for recommended immunizations as well as conditionally recommended doses for people with health conditions that might call for additional protection.

## Using the Forecaster

At the bottom of the **Immunizations Grid** in a patient record, click “Include Vaccination Record” and select “Recommendations,” or choose “Print Forecaster Results” in the Patient Report section of the blue navigation bar.



## Components of the Forecaster

The forecaster provides three pieces of information:

**Forecaster Assessment** provides an indication of whether each immunization administered in the past was in line with ACIP guidance. Below is a forecaster assessment for a patient born 1/2/2006. Note that the assessment indicates whether each dose is valid or invalid in the series and the reason why a dose is invalid.

Vaccination Record			
Vaccine Group (Vaccine)	Date Administered	Status	Evaluation Reason
MMR (MMR)	8/2/2006	INVALID	This patient was below the minimum age for this dose.
MMR (MMR)	3/15/2007	VALID	
Varicella (Varicella)	3/31/2007	INVALID	This immunization event occurred prior to the specified minimum interval for a live vaccine dose.



**Forecaster Recommendations** includes an indication of whether a vaccine is due today as well as indicating the earliest date that the dose can be given and the date it is overdue. Here are forecaster recommendations for a patient born 1/24/1970. This patient has received two doses of Shingrix (zoster) and is up to date for Tdap and Td. Note that the **Recommended Date** for the pneumococcal group is far in the future as this would not be called for until age 65. The **Overdue Date** field is highlighted in blue to indicate an additional dose of MMR and Td are overdue.

You will also notice that the forecaster recommends influenza beginning on the first of July. This is because the forecaster includes a seasonal reset, based on June 30<sup>th</sup> of each year as the close of one flu season and July 1<sup>st</sup> as the opening of the next.

Vaccines Recommended by Tracking Schedule				
Vaccine	Earliest Date	Recommended Date	Overdue Date	Status
Influenza	7/1/2020	7/1/2020		Recommended
MMR	2/21/2018	2/21/2018	2/21/2018	Recommended
Td, adult, absorbed	7/24/2018	7/24/2018	7/24/2018	Recommended
pneumococcal polysaccharide	1/24/2035	1/24/2035		Future Recommendation

**Conditional recommendations** provide the clinician with a general flag for additional recommendations to consider based on what they know of their patient. The Immunization Registry does not capture information about specific health conditions.

When a patient has particular health conditions, the ACIP guidance may call for additional doses or early administration of particular vaccines. Below is an example of the **Conditional Recommendations** for a patient born 5/5/1955. This patient is up to date for Tdap, Td, Influenza, and Zoster, but the **Conditional Recommendations** list some other vaccines that might be appropriate if the patient had certain health conditions, was a health care provider, or had other risk factors. Determination of whether conditionally recommended vaccines should be administered is at the discretion of the health care provider.

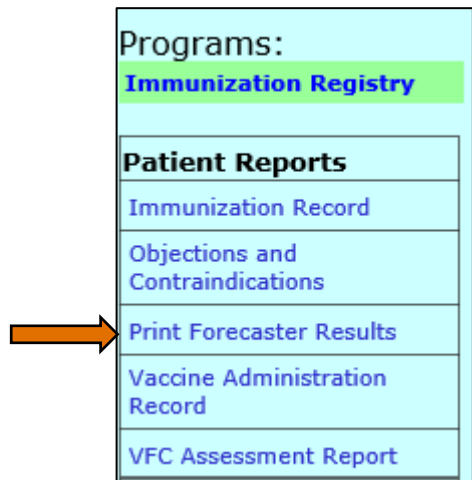


### Vaccines Not Recommended or Conditionally Recommended by Tracking Schedule

Vaccine	Status	Message
Hep A	Conditionally Recommended	Recommended for high-risk groups.
Hep B	Conditionally Recommended	Recommended for high-risk groups.
Hib	Conditionally Recommended	Recommended for high-risk groups.
Meningococcal	Conditionally Recommended	Recommended for high-risk groups.
Meningococcal B	Conditionally Recommended	Recommended for high-risk groups.
MMR	Conditionally Recommended	Recommended for high-risk groups.
Polio	Conditionally Recommended	Recommended for high-risk groups.
Varicella	Conditionally Recommended	Recommended for high-risk groups.
HPV	Not Recommended	Vaccine not recommended at this age.
Rotavirus	Not Recommended	Vaccine not recommended at this age; too old to initiate.
Zoster	Not Recommended	Completed vaccine series.

## Forecaster Printed Report

Forecaster results from the IMR can be printed by opening **Print Forecaster Results** report under Patient Reports in the blue navigation bar to the left of the Immunization Grid.





## Limitations

The forecaster supports “routinely administered vaccine groups.” There is currently no forecaster support for travel vaccines, or vaccines not routinely given in the U.S. These include rabies, yellow fever, typhoid, and adenovirus. You will see record of these immunizations in the IMR if the patient has received them, but the forecaster does not yet assess these groups or recommend the next appropriate dose.

[www.cdc.gov/vaccines/schedules/hcp/imz/adult.html](http://www.cdc.gov/vaccines/schedules/hcp/imz/adult.html)