Updating immunization schedules in Cerner EHR
Updating immunization schedules to reflect GSK vaccines

The Centers for Disease Control and Prevention (CDC) publishes schedules for recommended vaccines appropriate to specific patients. The CDC schedule includes *universal recommendations,* meaning vaccines recommended for all patients of a certain age, and *risk-recommended vaccines* for those patients having certain conditions or specific health risks.

Cerner EHR provides preconfigured immunization schedules which are maintained and periodically updated by Cerner EHR. The immunization schedules are generally based upon the CDC *universal vaccine recommendations*. Some GSK vaccines are *risk-recommended vaccines* by the CDC and may not appear in Cerner EHR vaccine schedules.

Benefits of manually updating immunization schedules

Providers decide which vaccines to routinely administer to their patients, so it is important for the immunization schedule within the EHR to match the practice's vaccine protocol. This helps ensure that patients are identified and prescribed appropriate vaccinations, including GSK vaccines with a *risk-based recommendation*.

This guide provides a high-level overview of how to update the immunization schedule within Cerner EHR, to reflect GSK vaccines. This overview is designed to provide guidance for you, your practice's EHR champion, or IT staff.

Please note that this guide was created based upon Cerner EHR version 2018. Screens and features may change as new software versions are released.

This guide is for informational purposes only and is not intended to replace detailed instructions provided to you by your internal and external EHR support resources. The information in this guide is subject to change without notice. GSK makes no claims or warranties about the applicability or appropriateness of this information.

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Considerations when adding GSK vaccines to the immunization schedule in Cerner EHR:

- Vaccines added manually to the immunization schedule may not be screened automatically for drug interaction and drug allergy information

- There may be local business rules in place which prevent the manual addition of a vaccine to the immunization schedule. In this case, contact your local Cerner EHR IT department

- User privileges to manually update an immunization schedule may be limited to select users with specific security privileges or subject to practice business policies

If you have further technical questions, consult your internal or external EHR support resources.

Updating the immunization schedule using the core event manager

With the immunization scheduling feature of Cerner EHR, providers can accurately track and manage immunizations based on the schedules released by the CDC. In Cerner EHR, the CDC schedule for *risk-based vaccines* is not maintained by Cerner EHR and must be updated by the practices using the **core event manager**.

There are two steps to add a vaccine and have it included in the **immunization schedule**:

- The **immunization record** for that vaccine must be created

- The **immunization record** is added to the **immunization schedule**

Both tasks require the involvement of the IT staff, practice manager, or the practice's EHR champion with knowledge of the **core event manager** protocols.

Below is a summary of the information the IT staff would use to add an **immunization record** to the **immunization schedule**.

Adding the immunization record

When making an IT request to set up an **immunization record** and add it to the **immunization schedule**, consider including the following information to ensure that the record and schedule are appropriately configured:

- Name for the immunization that is specific enough so a clinician can easily distinguish between different vaccines for the same disease. For example, Product X Vaccine

- Adult or pediatric vaccine

- If a provider can administer this immunization as part of patient care

- The default date for the vaccination information summary (VIS) form (usually the edition date found on the back of the VIS current form)

- Medication Admin Type (Immunization)

- List any synonyms to help the prescriber to search for the immunization. *For example, shingles*

- Default values for the vaccination such as number of doses, route, and manufacturer

- CVX code for the immunization

Adding the immunization record to the immunization schedule

Consider including the following information in the IT request to add the **immunization record** to the **immunization schedule** using the **health maintenance expectation** tool:

- Specify the series, priority, and expectation criteria such as patient age, steps to the sequence, and satisfying events

- The screen on the right depicts what an updated **immunization schedule** might look like:

Immunization Schedule

Vaccine	19-21 Years	22-26 Years	27-59 Years	60-64 Years	> 65 Years
Influenza	1 dose annually				
MMR	1 or 2 doses depending on indication				
VAR	2 doses				
HPV	3 doses (female)				
Product X					2 doses

Previous Immunizations ☐ Hide Unchecked Records

Future Immunization Schedule

Vaccine	Contraindicated		Due Date	
Hep A			11/1/2021	
HepB			12/15/2021	
HPV			01/13/2021	
Influenza			11/1/2021	
MMR			01/13/2022	
Product X			01/13/2021	
VAR			12/13/2021	

| History | Chart | Modify | Adhoc |

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