



Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

Why did OP eliminate the ability to mark a vaccine as *Series Complete*?

OP built VacLogic and the indicators capabilities long before the information regarding immunization was shared with Immunization Registries. The most modern specifications regarding immunization information exchange now require a finite way of describing this information for sharing and it is associated with coded data sets. [OP is now certified](#) under this robust standard and we must adhere to the certified pre-determined data specifications.

How can I find all of the charts that we had marked series complete in the past?

There is a SQL query that you can copy/paste into the database viewer to identify those patients who are Active or on your Waiting list and determine how best to address them:

```
select patno, vacname, date1 as date_entered, date_indicated, description1 as notes,
indicatorid,
case when indicatorid = '1' then 'Atypical schedule'
when indicatorid = '2' then 'Series complete'
when indicatorid = '3' then 'Documented disease'
when indicatorid = '4' then 'Documented immunity/titers'
when indicatorid = '5' then 'Not required local jurisdiction'
when indicatorid = '6' then 'Deferred - vaccine hx pending'
when indicatorid = '7' then 'Deferred - medical contraindication'
when indicatorid = '8' then 'Not required by ACIP/AAP'
when indicatorid = '9' then 'Refused'
when indicatorid = '10' then 'Serious adverse rxn prior'
when indicatorid = '11' then 'Deferred - vaccine not available'
else 'Reason not found' end as status from vacindicator
inner join register on register.patno = vacindicator.patno
where status_pat in ('ACTIVE','WAITING LIST')
order by patno
```

Why did all of my immunizations that I had previously marked *Series Complete* go back to forecasting an additional vaccine?

Many users had marked vaccines *Series Complete* even when it was against ACIP forecasting logic, which includes catch up logic and minimal intervals including the 4 day *grace period* rule. The immunization data is sent to the immunization registries and they also follow ACIP guidance. So, there is an inherent conflict between what the IIS says the patient needs and what OP does. In an abundance of caution, when we moved to the new certification standard,

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

all of those vaccines are again processed through VacLogic. If indeed the vaccine is series complete, our own VacLogic will say so. But, if in accordance with current best practices, the patient is not complete, the provider/practice will have to confirm that they disagree with ACIP and best practices and do *not* want to give the patient an additional vaccine.

This is especially important since ACIP logic has evolved over time, and sometimes providers indicated a patient was *Series Complete* years ago, and the remainder of the practice was unaware. With the new functionality, every user can see who over-rode the ACIP guidance and why, so it is transparent to the rest of the practice.

What did OP do with the rest of the *old* Vaccine Indicators?

<https://op.knowledgeowl.com/help/vaccine-indicators>

- Documented Disease (DD) - Documented Disease, Other.
- Documented Immunity (DI) - Documented Immunity, Other.
- Refused (R) - Refused, Parent Decision (permanent, will no longer be forecast).
- Adverse Reaction (AR) - Deferred, Medical Precaution.
- Deferred: vaccine not available (DNA) - Deferred, Other, Out of Stock.
- All other statuses: (AS, SC, NR, NRL, DMC, DVH) - are not valid reasons to adjust vaccine forecasting and will remain as historical references.

What if I do not agree with the only choices Deferred or Refused?

Unfortunately, those are the only 2 data choices that are valid according to the certification standards. According to best practices, we encourage practices to think of it this way:

- If you do not ever want VacLogic to forecast a vaccine in the future, mark it **Refused**
- If you do not want to give the vaccine today for any reason, including those listed below, then mark it **Deferred**:
 - The patient *declined* the flu vaccine today, but you want to ask them again this season and in the future
 - The family splits vaccines and you are giving 2 today and 2 in 1 month
 - The child is ill and you want them to come back when well
 - You do not have inventory today to give the vaccine, but want to recall them in a few weeks when you expect to have adequate supply

To avoid confusion, many practices are starting to speak of this in a way that Refusal is permanent. If a parent/family/patient *declines* to receive the vaccine for any reason, but you intend to keep asking because the patient is due (or in an outbreak you want to find them), then



Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

think of those declinations as deferrals. They may be deferred *for an unknown period of time or indefinitely*, but they are not permanently refused.

How does the date work in the deferral state?

If you want a standing order for a vaccine to be given on/after a future date, put that date in your deferral. The date currently defaults to 2 weeks, because the most common use case is that a child is sick and you are deferring. That should be changed based on when you want the child to come back. Future development includes the ability for a practice to set this default date to a different time period.

If you do *not* want to create a standing order for the vaccine, and there is no definitive time that you want the patient to come back, blank out the date on the deferral screen and no order will be created, but the vaccine will continue to be forecasted as due.

A deferred state will not give you a warning if you attempt to give it while it is in deferred status. This is appropriate in most cases. For example, if you are deferring vaccines due to illness for 2 weeks, and the family comes back in 10 days for the vaccines, you can give the deferred vaccines with 4 days left in the deferral state, and there will be no pop-ups/warnings that the vaccines are currently deferred.



However, if you want a *hard stop*, but only for a time period (see IVIG example below), you will have to put the vaccine in Refused state. Because Refused states by definition do not expire, you will need to set a Task Due and manually remove the Refused state after that time period.

How can I mark a vaccine as **Series Complete** if I disagree with VacLogic?




Mark the vaccine as refused for medical reasons and document your reasoning in the comment box. In essence, the provider is refusing the suggestion for an additional vaccine.

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse


atient Chart: MARY "MJ" TESTPATIENT (99) Sex: F DOB: 05/16/1996 Age: 23 yrs. 2 mos. Ins:

Immunizations   Quick Entry Sync Registry

Forecast **Complete List** Indicators Notes Forecast Key

   Refuse/Defer Retry Failed ☒ expand grid

Dr

Refuse/Defer Vaccine 

Type
☒ Refusal ☐ Deferral

Selecting permanent refusal will stop the vaccine from forecasting

Reason
☐ Patient Decision ☐ Parental Decision ☒ Medical Reason

Details: Medical precaution

Vaccine: HepA 2dose

Antigens: HEPA

Date: 8/10/2019

Time: 01:20:46 PM

Vaccinator: 305 Susan Kressly

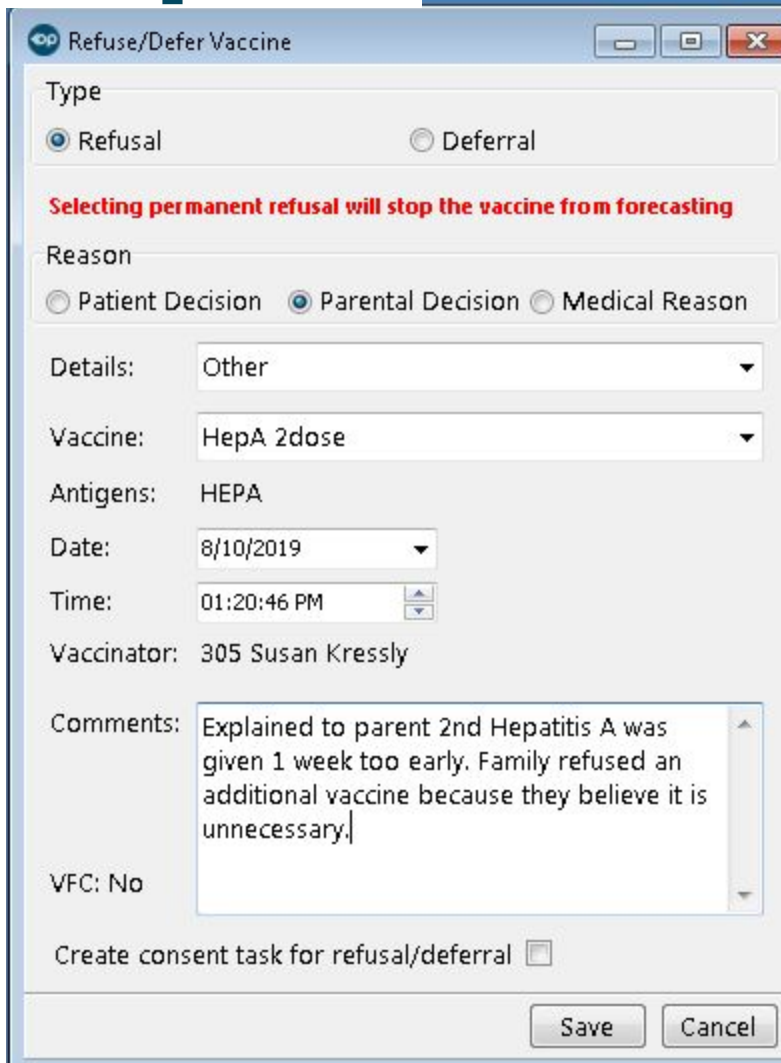
Comments: Feel patient is adequately immunized and no further doses are indicated.

VFC: No

Create consent task for refusal/deferral ☐

Save Cancel

Or, if you explain that the dose was given too early and you believe the patient should have another vaccine, but the parent refuses, then document appropriately:



Refuse/Defer Vaccine

Type

☒ Refusal ☐ Deferral

Selecting permanent refusal will stop the vaccine from forecasting

Reason

☐ Patient Decision ☒ Parental Decision ☐ Medical Reason

Details: Other

Vaccine: HepA 2dose

Antigens: HEPA

Date: 8/10/2019

Time: 01:20:46 PM

Vaccinator: 305 Susan Kressly

Comments: Explained to parent 2nd Hepatitis A was given 1 week too early. Family refused an additional vaccine because they believe it is unnecessary.

VFC: No

Create consent task for refusal/deferral ☐

Save Cancel

What if I disagree with VacLogic Forecasting?

Office Practicum makes every attempt to follow ACIP guidance for all universally recommended vaccines. Occasionally edge cases are discovered by our providers and we ask that those get processed by directly contacting our Medical Director. OP follows ACIP universally recommended vaccines (those in Category “A” according to the CDC) using the CDC GRADE framework:

GRADE (Grading of Recommendations, Assessment, Development and Evaluation) is a new evidence-based framework for ACIP to use in making recommendations. This method takes into account the balance of benefits and harms, type or quality of evidence, values and preferences



Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

of the people affected, and health economic analyses, according to the [CDC website](#). The recommendations are made in one of three categories: A, B, or no recommendation. A Category “A” recommendation means the ACIP recommends the vaccines for all persons in an age group or for persons at-risk for disease. A category “B” recommendation does not apply to all members of a group, but provides guidance for providers to help the patient or guardian make a decision to vaccinate or not.

(<https://www.cdc.gov/mmwr/preview/mmwrhtml/mm6118a3.htm>)

If a provider chooses to override existing VacLogic they should do so by marking the vaccine as refused as outlined above. It is important to note that VacLogic does include catch-up logic and the “4 day grace period.” It is also important to note that other entities are using standard ACIP logic to determine whether prior immunizations are valid doses and whether patients are up-to-date. This includes Immunization Information Systems (state/regional IISs) and schools. For certification, OP is in line with what other forecasting vaccine logic engines are also using. This will ensure that OP does not state a child’s vaccines are up-to-date (for example a second Hepatitis A is given 7 days early) and the school states the patient is due for a second one and the IIS recalls a patient as part of their own regional vaccine recall outreach.

Why can’t I decide which vaccines to choose for documented immunity?

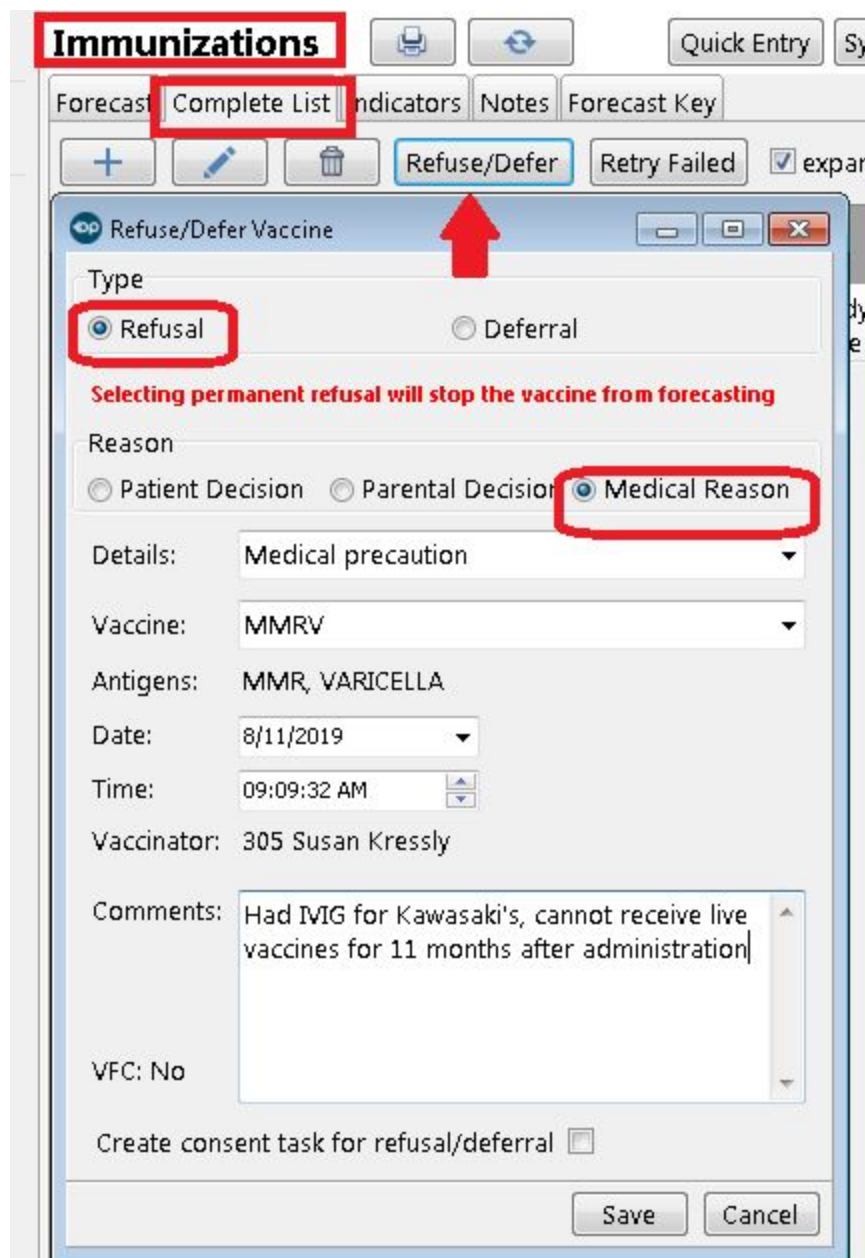
According to the latest scientific understanding of immunity, not all diseases carry *lifelong* immunity which would prevent you from further vaccination (think getting influenza this year, getting the vaccine is still indicated because of multiple strains). In addition, antibody titers are not reliable for all vaccines to document lifelong immunity. For example, you may have pneumococcal antibodies now, but in older adults, the vaccine is still recommended every 5 years.

How do I handle a patient who can’t get live vaccines for a set [period of time](#) after receiving IVIG? (differs depending on what/why given):

Remember if you *defer* a vaccine it will continue to forecast, and for the interim period of time where the patient should not receive MMR or Varicella you do not want someone to make an error and administer the vaccine. Best practices are to refuse the MMRV for medical reasons using the complete list, and then set a task for 11 months in the future to remove that refusal.

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

For example, a patient gets IVIG for Kawasaki's. Following CDC recommendations, you want to defer MMR and Varivax for 11 months after its receipt. Go to the complete immunization list, choose the defer/refuse button and make appropriate notations:



Immunizations

Forecast Complete List Indicators Notes Forecast Key

+ [Pencil Icon] [Trash Icon] **Refuse/Defer** Retry Failed [Checkmark] expar

Refuse/Defer Vaccine

Type
☒ **Refusal** ☐ Deferral

Selecting permanent refusal will stop the vaccine from forecasting

Reason
☐ Patient Decision ☐ Parental Decision ☒ **Medical Reason**

Details: Medical precaution

Vaccine: MMRV

Antigens: MMR, VARICELLA

Date: 8/11/2019

Time: 09:09:32 AM

Vaccinator: 305 Susan Kressly

Comments: Had IVIG for Kawasaki's, cannot receive live vaccines for 11 months after administration



VFC: No

Create consent task for refusal/deferral ☐




Save Cancel

If you choose MMRV, OP will make an entry for MMR and Varicella

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

Immunizations   [Quick Entry](#) [Sync Registry](#) [Consent Form](#) [Administer Vaccines](#)

[Forecast](#) [Complete List](#) [Indicators](#) [Notes](#) [Forecast Key](#)

   [Refuse/Defer](#) [Retry Failed](#) ☒ expand grid


Drag a column header here to group by that column


#	Date Given	Time Vaccinated	Vaccine	VFC Eligible on Date	Route	Body Site	Manufacturer	Lot Number	Expiration Date	Product Description	Adverse Event Date	Adverse Event Notes	Source	Status	Status Detail	Tra
8/11/2019	09:09:32 AM	VARICELLA	5							ProQuad				Refused	Medical Reason: Medical preca	
8/11/2019	09:09:32 AM	MMR	5							ProQuad				Refused	Medical Reason: Medical preca	


Then, create a task for 11 months in the future to remove the refusal and send it to the department which is going to be responsible for this work:


TEENY TESTPATIENT (7218) Sex: M DOB: 11/20/2015 Age: 3 yrs. 8 mos. Ins:

Tasks [New Order](#) [New Task](#) [Edit](#) [Delete](#) Show: ☒ Inc


Department Name 


Add Tasks: TEENY TESTPATIENT (7218) Sex: M DOB: 11/20/2015 


Task type: **Checklist** 


Task:  Remove MMRV refusal 11 months after IVIG
41 of 250 character limit

Special instructions: Delete from immunization complete list

Due date: **7/13/2020** 

Department: Nurse 

ICD-10: 

CPT code(s): 

[Add](#) [OK](#) [Cancel](#)

On 7/13/2020 the task will show up in the nurses task list as a checklist item:

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

Tasks New Order New Task Edit **Delete** Show: ☒ Incomplete only ☐ All ☒ expand grid

Department Name

Due Date	Status	
Department Name : Nurse		
07/13/2020	Not Started	Susan Kressly
Remove MMRV refusal 11 months after IVIG (Delete from immunization complete list)		

If your office team is not good about handling tasks daily, you may also want to remind yourself by putting a note in the general notes of the patient chart:

7218) Sex: M DOB: 11/20/2015 Age: 3 yrs. 8 mos. Ins:

Demographics / Critical Dates:

Last well visit: 03/21/2018
 Last sick visit: 11/07/2018
 Next appt: None
 PCP: Sharon Sowinski-Mueller
 Primary ins:

General Notes:

remove MMRV Refusal 7/13/20 (11 months after IVIG)

Problem List: ☒ show DX EFR: 0
 8/19 received IVIG for Kawasaki (followed CHOP Cardiology)

Allergies/Reactions: ☒
 No active medication allergies or reactions

At a future date, return to the complete list, identify the row of data where the MMR refusal was documented and delete the entry.

Immunizations Refuse/Defer Retry Failed ☒ expand grid

Drag a column header here to group by that column

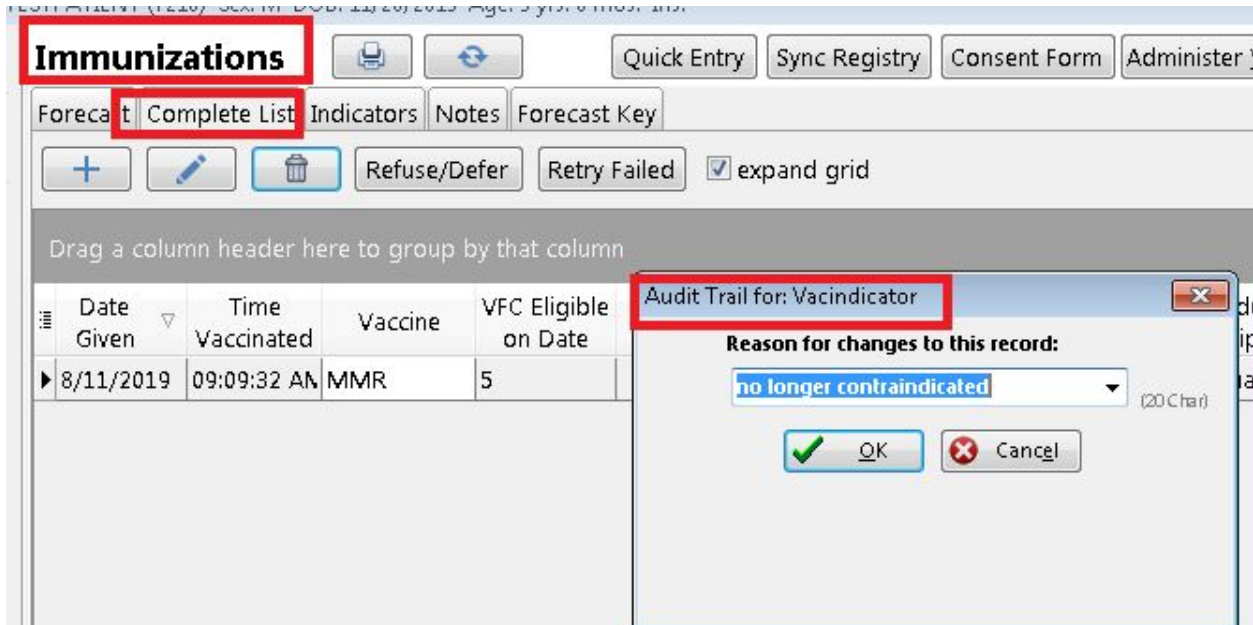
Date Given	Time Vaccinated	Vaccine	VFC Eligible on Date	Route	Body Site	Manufacturer	L
8/11/2019	09						
8/11/2019	09						

Confirm

Are you sure you wish to delete the highlighted record?

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

In this example, you will have to delete both rows of data for MMR and Varicella separately and document an appropriate reason for why you are deleting the data.



The screenshot shows the 'Immunizations' section of a software interface. A table lists vaccine records with columns: Date Given, Time Vaccinated, Vaccine, and VFC Eligible on Date. A dialog box titled 'Audit Trail for: Vacindicator' is open, prompting for a 'Reason for changes to this record:' with a dropdown menu showing 'no longer contraindicated' and 'OK'/'Cancel' buttons.

Date Given	Time Vaccinated	Vaccine	VFC Eligible on Date
8/11/2019	09:09:32 AM	MMR	5

How do I handle documenting a historical vaccine when I don't know the exact date?

For example, a parent may tell you that the child had a flu vaccine at the CVS sometime “*mid-October.*” You do not yet have documentation from the CVS (and you may or may not ever receive it), and CVS does not report to the state registry. In the case of the flu vaccine, unless the child is in need of 2 vaccines, it only matters that they had one this season. So, document what you know for now:



Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

Immunizations [Print] [Refresh] [Quick Entry] [Sync Registry] [Consent Form] [Administer Vaccines]

Forecast [Complete List] Indicators Notes Forecast Key

[+] [Edit] [Delete] [Refuse/Defer] [Retry Failed] [expand grid]

New Vaccine: MICHAEL J. "MJ" TESTPATIENT (4713) Sex: M DOB: 11/01/2009 Age: 9 yrs. 9 mos. Ins:

Date given: 9/15/2018 Source: Hx-parent's recall Manufacturer: []

Time vaccinated: [] Administered at facility: CVS Chalfont Lot number: []

Vaccine: FLU - NOS Administered at facility address: [] Expiration date: []

VFC eligibility: [] NDCID: []

Route: [] Product description: influenza virus vaccine, unspecified formulation

Body site: [] Outside administered by: []

Vaccinator: [] Outside ordered by: []

Dose vol / UOM: [] Outside entered by: []

VIS description: [] Status: Complete Adverse event date: []

VIS publish date: [] Comments: Mother reports had a flu shot (not nasal) at CVS mid September VAERS injury type: []

VIS discussion: [] Do not forecast ☐ Adverse event notes: []

[Save] [Cancel]

In the future, if you get the more detailed information from your state registry, delete this entry. If you get a faxed report from CVS or the mom remembers more detail, then edit this entry to include more exact details:

Immunizations [Print] [Refresh] [Quick Entry] [Sync Registry] [Consent Form] [Administer Vaccines]

Forecast [Complete List] Indicators Notes Forecast Key

[+] [Edit] [Delete] [Refuse/Defer] [Retry Failed] [expand grid]

Drag a column header here to group by that column

Date Given	Time Vaccinated	Vaccine	VFC Eligible on Date	Route	Body Site	Manufacturer	Lot Number	Expiration Date	Product Description	Adverse Event Date	Adverse Event Notes	Source	Status	Status C
9/15/2018		FLU - NOS							influenza vir			Hx-parent's recall	Complete	
5/5/2011		IPV	9						IPOL enhanc			Hx-unspecified	Complete	



Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

Immunizations [Print] [Refresh] [Quick Entry] [Sync Registry] [Consent Form] [Administer Vaccines]

Forecast Complete List Indicators Notes Forecast Key

[+] [Pencil] [Trash] [Refuse/Defer] [Retry Failed] [expand grid]

Edit Vaccine MICHAEL J. "MJ" TESTPATIENT (4713) Sex: M DOB: 11/01/2009 Age: 9 yrs. 9 mos. Ins:

Date given:	9/22/2018	Source:	Hx-other provider	Manufacturer:	PMC
Time vaccinated:		Administered at facility:	CVS Chalfont	Lot number:	UJ034AB
Vaccine:	FLU - 3yrs+ pf	Administered at facility address:		Expiration date:	6/30/2019
VFC eligibility:				NDCID:	
Route:				Product description:	Flu 3yrs+ preservative free
Body site:		Outside administered by:			
Vaccinator:		Outside ordered by:			
Dose vol / UOM:	0.5 mL	Outside entered by:			
VIS description:		Status:	Complete	Adverse event date:	
VIS publish date:		Comments:	Mother reports had a flu shot (not nasal) at CVS mid September: updated 10/30/18 to include details received from CVS faxed report.	VAERS injury type:	
VIS discussion:		Do not forecast	<input type="checkbox"/>	Adverse event notes:	

What is the “Do Not Forecast” checkbox used for in the complete list?

This checkbox should **not** be used to turn off forecasting for a particular vaccine antigen. If you want to remove a vaccine group/antigen from being forecasted, that should be accomplished by using the refusal indicator.

Do Not Forecast is used when you do not want this particular vaccine to *count* in the forecast (pretend it never was given when VacLogic processes what is due). Some examples where this might be used include:

1. The patient jerked during the injection, and you are not sure if the patient got the vaccine (can mark it partially administered and do not forecast)
2. You discover the vaccine was expired when given
3. The patient had a bone marrow transplant and you want to maintain records of all of the vaccines that were given prior to the transplant, but they no longer count for protection and therefore should not be included in the forecast.



Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

Edit Vaccine: MICHAEL J. "MJ" TESTPATIENT (4713) Sex: M DOB: 11/01/2009 Age: 9 yrs. 9 mos. Ins:

Date given:	12/20/2010	Source:	Hx-unspecified	Manufacturer:	
Time vaccinated:		Administered at facility:		Lot number:	
Vaccine:	MMR	Administered at facility address:		Expiration date:	
VFC eligibility:	UNKNOWN			NDCID:	
Route:				Product description:	MMR II
Body site:		Outside administered by:			
Vaccinator:		Outside ordered by:			
Dose vol / UOM:	0.5 mL	Outside entered by:			
VIS description:		Status:	Complete	Adverse event date:	
VIS publish date:		Comments:		VAERS injury type:	
VIS discussion:		<input checked="" type="checkbox"/> Do not forecast		Adverse event notes:	

I have a patient who has hemophilia and needs to receive all of his vaccines subcutaneous (SQ) instead of intramuscular (IM). OP won't let me change the route of administration. How do I document this?

When administering the vaccine, you can delete the IM by backspacing in the route field. You can then go to the complete list, edit the vaccine and write an appropriate note in the comments field:



Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

Form fields for vaccine administration:

- Date given: 8/22/2019
- Time vaccinated: 11:53 AM
- Vaccine: HepA 2dose
- VFC eligibility: NOT ELIGIBLE
- Route: [Dropdown]
- Body site: LT
- Vaccinator: Jessica Sidorick
- Dose vol / UOM: 0.5 mL
- Source: Vaccine administered
- Administered at facility: Kressly Pediatrics, PC
- Administered at facility address: 1432 Easton Road, Suite 4E
- Warrington PA 18976
- Outside administered by: [Field]
- Outside ordered by: [Field]
- Outside entered by: [Field]
- Manufacturer: MSD
- Lot number: S002458
- Expiration date: 5/15/2020
- NDCID: 00006409502
- Product description: VAQTA or Havrix
- VIS description: Hepatitis A VIS
- VIS publish date: 7/20/2016
- VIS discussion: Need for vaccine, risks, benefits, potential side effects discussed with patient/family. Counseling performed where
- Status: Complete
- Comments: Given SUBQ per protocol for this patient with hemophilia. System would not allow change of route
- Adverse event date: [Field]
- Adverse event type: [Field]

Buttons: Save, Cancel

This also visible on the comment field when reviewing the complete list:

Immunizations

Forecast: Complete List Indicators Notes Forecast Key

Refuse/Defer Retry Failed expand grid

Drag a column header here to group by that column

Product Description	Adverse Event Date	Adverse Event Notes	Source	Status	Status Detail	Transmission Status	Doses Given	DNF	CPT Code	CVX Code	NDCID	Vaccinator	Counseling Provider	Comments
VAQTA or H			Vaccine administered	Complete		✓	HEPA: 1				00006409502	1424 JS Jess	1424 SJK Sui	Given SUBQ per protocol for this patient with hemophilia. System would not allow change of route
MMR II			Vaccine administered	Complete		✓	MMR: 1		90707	03	00006468100			

NOTE: This is also the current best practice if your practice team gives IPV as subcutaneous (SC) instead of IM **or** for a patient that you can't administer rotavirus vaccine orally and instead administer via g-tube.

What is the best way to document a reaction to a vaccine?

<https://op.knowledgeowl.com/help/immunizations-complete-list-adverse-reaction>

It is important to recognize that not all adverse reactions mean that the patient should never get the vaccine again. A fever, or febrile seizure or fainting does not mean that the vaccine family should be permanently avoided. It remains important to document the notation in the complete vaccine list. This will not be displayed in the Immunization Forecast.



Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

What if it was such a severe reaction I don't want the patient to receive a subsequent vaccine dose?

Use the refusal functionality and enter the reason as medical which will show up in the Immunization Forecast and will alert the user if a vaccine in that family is ordered and/or administered.

Immunizations [Print] [Refresh] [Quick Entry] [Sync Registry] [Consent Form] [Administer Vaccines]

Forecast [Complete List] [Indicators] [Notes] [Forecast Key]

[+][Edit][Refuse/Defer][Retry Failed] [expand grid]

Drag a column header here to group by

Date Given	Time Vaccinated	Vaccine	Product Description	Adverse Event Date	Adverse Event Notes	Source	Status
8/15/2019	11:21:33 AM	HEPB					Deferred
8/8/2019	03:19:31 PM	HEPA					Refused
7/10/2019	09:38:06 PM	VARICELLA					Deferred
7/10/2019	09:38:30 PM	MMR					Deferred
7/10/2019	09:38:56 PM	HPV					Refused
5/6/2015		MenB-FHbp				Hx-unspecified	Complete
12/2/2012		HPV9				Hx-unspecified	Complete
6/12/2009		Td		6/12/2009	Brain swelling	Hx-unspecified	Complete
2/11/2008		Mumps					Deferred
3/7/2007		IPV				Vaccine administered	Complete
10/13/2006		FLU - 6-35m					Complete
9/2/2006		HepA 2dose					Complete
8/9/2006		DTaP					Complete
1/3/2005		HepA					Complete
8/15/1999		HIB-PRP-T					Complete
5/17/1999		MMR					Complete
2/15/1999		HepB					Complete
11/15/1998		HIB-PRP-T				Hx-unspecified	Complete
11/15/1998		DTaP				Hx-unspecified	Complete
9/15/1998		IPV				Hx-unspecified	Complete

Refuse/Defer Vaccine

Type: ☒ Refusal ☐ Deferral

Selecting permanent refusal will stop the vaccine from forecasting

Reason: ☐ Patient Decision ☐ Parental Decision ☒ Medical Reason

Details: Medical precaution

Vaccine: Td

Antigens: TD

Date: 8/29/2019

Time: 03:01:22 PM

Vaccinator: 305 Susan Kressly

Comments: Patient developed brain swelling after Td. Further vaccines in this family contraindicated

VFC: No

Create consent task for refusal/deferral ☐

Save Cancel

Even though the adverse reaction is documented on the completed vaccine, if you never want the patient to get the vaccine again, create a refusal as well

<https://op.knowledgeowl.com/help/refuse-defer-vaccine>

<https://op.knowledgeowl.com/help/what-is-best-practice-on-using-refused-or-deferred>

Refuse or adverse reaction both get pop up when both order and administer:

Date Given	Time Vaccinated	Vaccine	Product Description	Adverse Event Date	Adverse Event Notes	Source	Status	Status Detail	Doses Given	CVX Code	NDCID	Counseling Provider	Comments
8/29/2019	11:23:00 AM	MenB-OMV	Bexsero			Vaccine administered	Complete		MENINGB: 1	163	46028011411	107 DD9 Der	
8/29/2019	11:27:57 AM	HPV	Gardasil 9				Refused	Patient Decision: Vaccine e					no way
6/3/2019		FLU - 3yrs+ nc	Flu 3yrs+ nc	6/3/2019	severe illness x 2 weeks	Hx-unspecified	Complete		FLU: 1	141		0	

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

Order Worksheet

Med Lab Imm Pat Ed Survey F/U Other Imms Create Do Now

Vaccine Name	VFC	Priv	Special Instructions	Department	Tdy	Def	Ref	NA
FLU-IV4 3yrs+	NA	NA		Nursing	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Warning

! This patient has record of an adverse reaction to FLU - 3yrs+. Are you sure that you want to proceed?

Yes No

Immunization Order Management: WILLIAM COOPER (109) Sex: M DOB: 02/09/1954 Age: 65 yrs. 6 mos. Ins: SELF-PAY

Vaccine Name	Description
Status : Ordered, Not In Stock	
FLU-IV4 3yrs+	OUT OF STOCK
Status : Given	
MenB, OMV	Bexsero
Status : In Stock	
DTaP-HepB-IPV+	Pediarix
DTaP-IPV	Kinrix / Quadracel
FLU-cclIV4 4yrs+	Flu. Quadrivalent (cclIV4), derived from cell cultures, subunit, antibiotic-free, Fl
HIB-PRP-T	ActHiB or OmniHib
HPV9	
HepA 2dose	

Warning

! This patient has record of an adverse reaction to FLU - 3yrs+. Are you sure that you want to proceed?

Yes No

Click on a Vaccine Name to [Continue >>]

Quick Chart

VacLogic

Consent Form

Inventory ☒ Expand grid

Drag a column header

Date	Vaccine	LA	IM	107 Demo Doctor, I	NOT ELIGIBLE	CPT	HL7	Dosage Info.
8/29/2019	MenB, OMV					90620	163	

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse

*The language around Refusal currently erroneously states deferred. This will be corrected in a future release.

Order Worksheet

Med Lab Imm Pat Ed Survey F/U Other Imms Create Do Now

Vaccine Name	VFC	Priv	Special Instructions	Department	Tdy	Def	Ref	NA
HPV9	NA	NA		Nursing	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Warning

[HPV9] not indicated at this time.
Status: HPV: deferred;
Execute standing order anyway?

Yes No

Immunization Order Management: WILLIAM COOPER (109) Sex: M DOB: 02/09/1954 Age: 65 yrs, 6 mos. Ins: SELF-PAY

Vaccine Name	Description
Status : Ordered, Not Yet Given	
HPV9	Gardasil 9
Status : Given	
MenB,OMV	
Status : In Stock	
DTaP-HepB-IPV+	
DTaP-IPV	
FLU-ccIV4 4yrs+	
HIB-PRP-T	
HepA 2dose	

Warning

[HPV9] not indicated at this time.
Status: HPV: deferred;
Continue anyway?

Yes No

Click on a Vaccine Name [Continue]

Quick Ch VacLog Consent F

unit, antibiotic-free. Flu

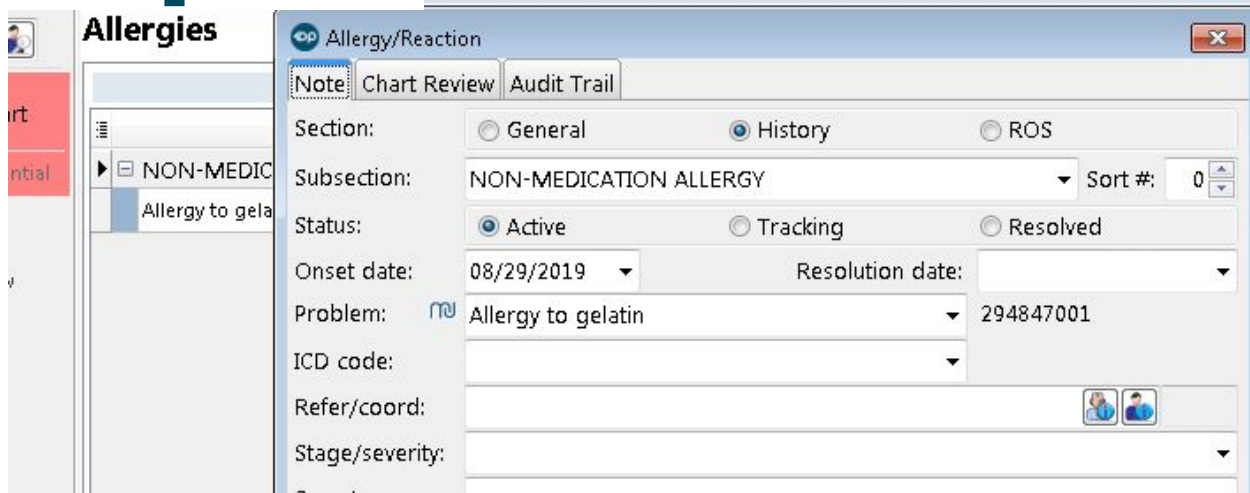
D-T-P Polio MMR/V HepB HIB HepA Flu FLU 18yrs+ Infant Teen/Adult Men Misc Inventory

☒ Expand

What should I do if a patient has a gelatin (or other vaccine ingredient) allergy?

Since vaccines are not the only product that may cause a problem with a gelatin allergy, documenting this allergy in the allergy section under non-medication allergy is appropriate.

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse



Allergies

Allegry/Reaction

Note | Chart Review | Audit Trail

Section: ☐ General ☒ History ☐ ROS

Subsection: NON-MEDICATION ALLERGY Sort #: 0

Status: ☒ Active ☐ Tracking ☐ Resolved

Onset date: 08/29/2019 Resolution date:

Problem: Allergy to gelatin 294847001

ICD code:

Refer/coord:

Stage/severity:

However, there is **no** linkage between vaccine ingredient allergies and vaccine forecasting in OP. If the provider does not want the patient to receive a [vaccine which they know contains gelatin](#), it is best practice to go to those individual vaccine families and in the complete vaccine list for the patient, [complete a vaccine refusal](#) for medical reasons for each affected vaccine product family. This will ensure the information is available on the patient's Immunization Forecast and the provider ordering the vaccine will receive a pop-up alert, and the person administering the vaccine will receive a pop-up alert warning of the refused vaccine for medical reasons.

It is **NOT** advised to use the vaccine reaction in the allergy section of OP to document vaccine reactions. These will not be transferred to the complete list or to the forecast and will not result in users receiving appropriate warning during ordering or administration. This functionality will be removed from OP in the near future to decrease confusion.

Provider FAQs Regarding Vaccine Indicators Including Defer/Refuse


Allergy/Reaction

Note | Chart Review | Audit Trail


Subsection: **VACCINE REACTIONS** Sort #: 0

Status: ☒ Active ☐ Tracking ☐ Resolved

Onset date: 08/29/2019 Resolution date:

Medication:  tetanus,diphtheria toxoid(PF) 49281022510

Allergy group:

Problem: 

ICD code:

Refer/coord:

Stage/severity:

Symptoms:

