North Dakota Health & Human Services

North Dakota Immunization Information System

How to Document
Reactions, Exemptions, & Contraindications

Getting Started

Users are able to view, enter, edit, and delete immunization reactions, exemptions, and contraindications in NDIIS patient records.

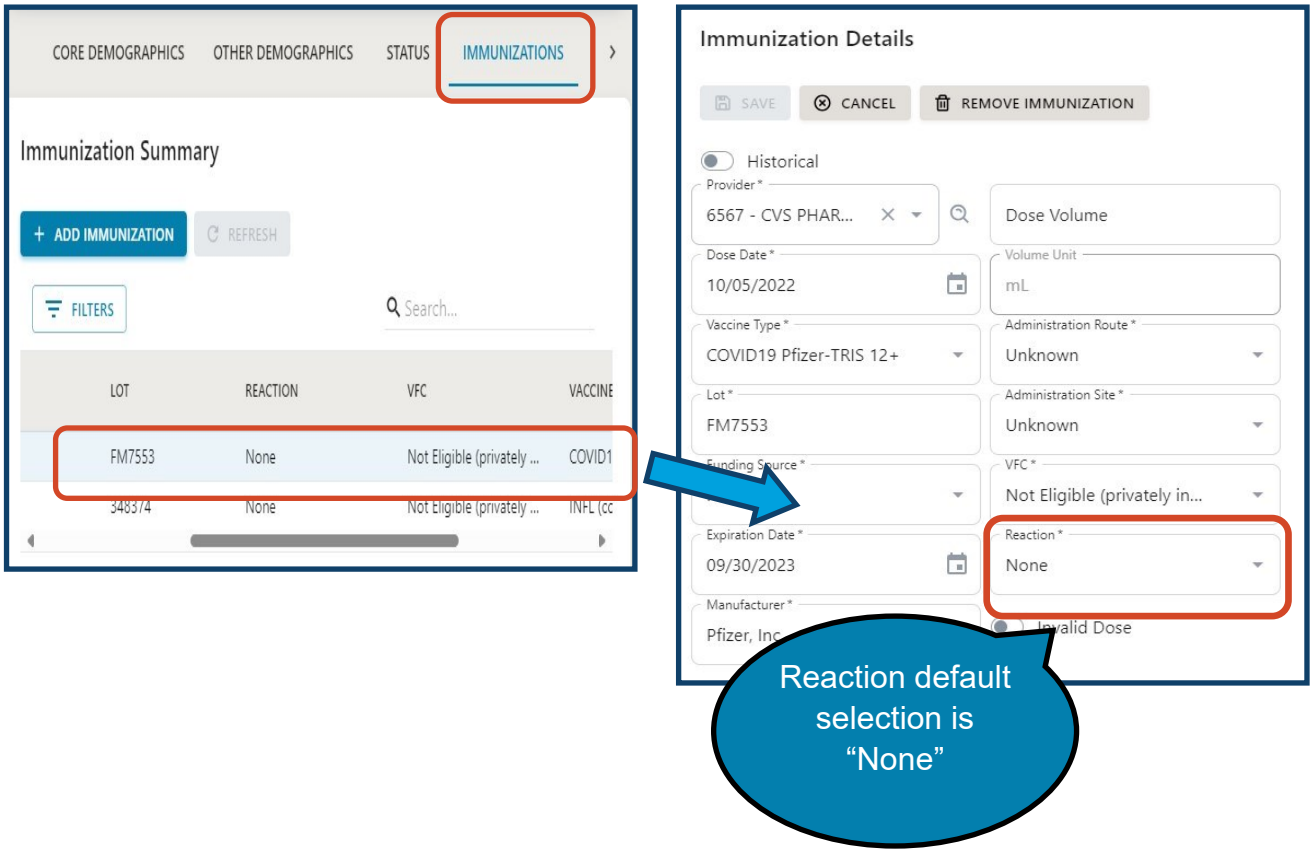
Documenting Reactions

1.) Open the patient record that you will be documenting the reaction for.

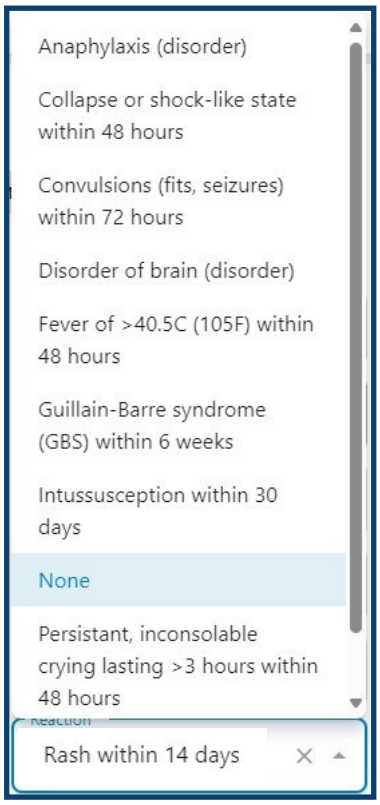
2.) Click on the '**Immunizations'** tab under the Patient Details to open the Immunization Summary.

3.) Select the dose the patient had the reaction to by clicking the immunization. This will open the Immunization Details for that vaccination event.

4.) Click the Reactions field to open the drop down.

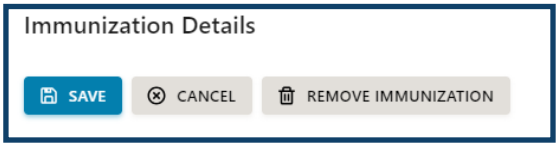


5.) Select the **Reaction** you wish to document for the immunization event.

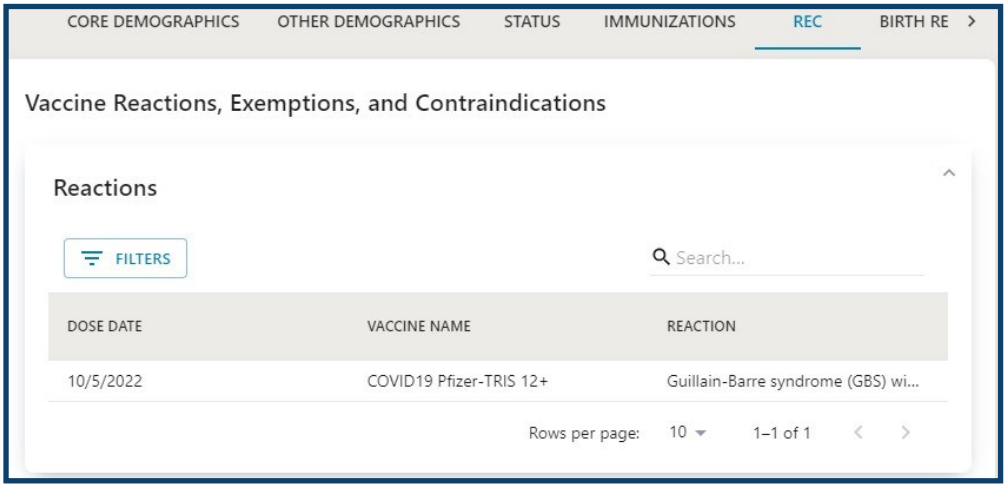


- ⇒ Anaphylaxis (disorder)
- ⇒ Collapse or shock like state within 48 hrs
- ⇒ Convulsions (fits, seizures) within 72 hrs
- ⇒ Disorder of brain (disorder)
- ⇒ Fever of >40.5C(105F) within 48 hrs
- ⇒ Guillain-Barre syndrome (GBS) within 6 weeks
- ⇒ Intussusception within 30 days
- ⇒ Persistent, inconsolable crying lasting > 3hrs within 48 hrs
- ⇒ Rash within 14 days

6.) Click **Save** to complete the documentation.



*Reaction details can be viewed on the patient **REC** tab but can only be entered or updated through the immunization dose details.*

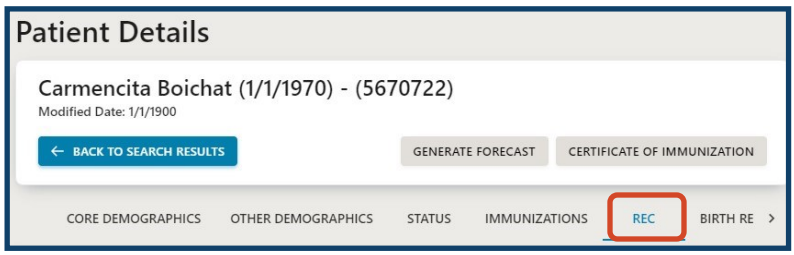


Documenting Exemptions

North Dakota allows individuals or their parent/guardian to claim an immunization exemption for personal belief (religious and moral/philosophical) reasons. A medical exemption must be signed by a physician and should only be claimed if the patient has a medical condition that would make immunization dangerous to their health. History of disease exemptions can be claimed if the patient has a documented medically diagnosed history of disease or laboratory evidence of immunity.

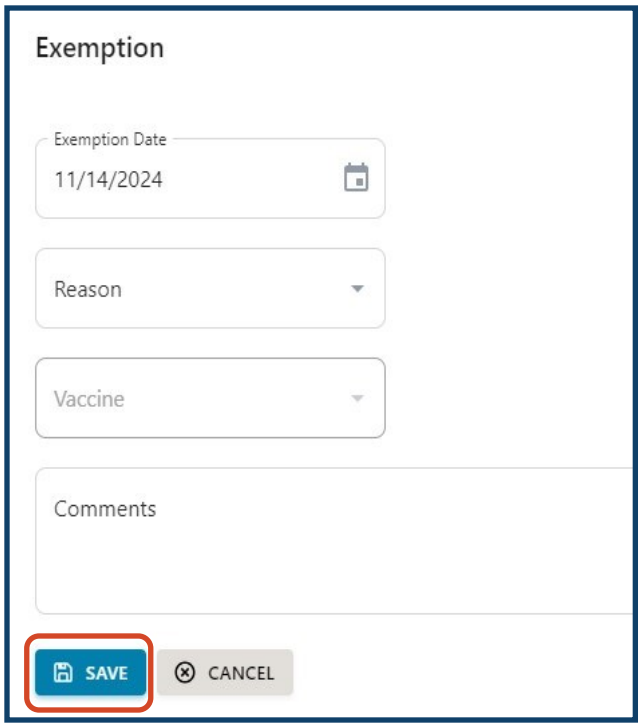
1.) Open the NDIIS record for the patient claiming the exemption.

2.) Select the **REC** tab.



3.) Click the **Add Exemptions** button in the Exemptions section.

4.) When the Add Exemptions module opens



⇒ Enter the effective date for the exemption. The date should be the date the exemption form was signed for medical, religious, or moral/philosophical exemptions. The date of illness or date of laboratory confirmation should be entered for history of disease exemptions.

⇒ Select the exemption reason from the drop-down.

History of Disease exemptions are only allowed for Hepatitis A, Hepatitis B, measles, mumps, rubella, and varicella.

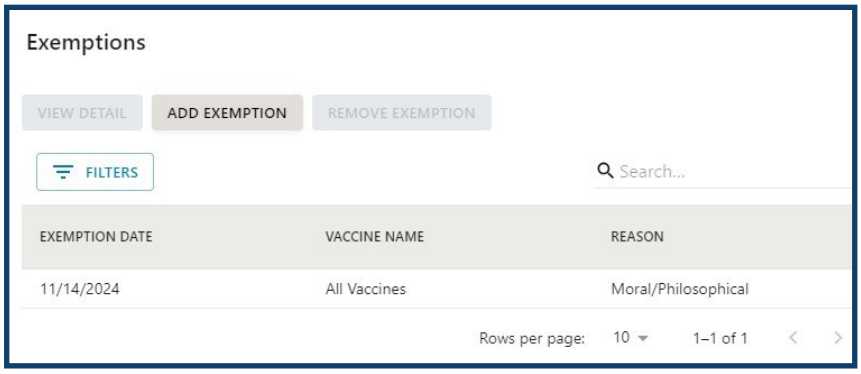
⇒ Select an immunization from the drop-down menu.

⇒ Enter a comment that includes who claimed the exemption and any additional relevant details.

5.) Click the **Save** button to save the exemption to the patient's record.

There is an option for *All Vaccines* if the exemption is for all immunizations.

6.) Review the Exemptions section to verify the newly entered exemption is correct.

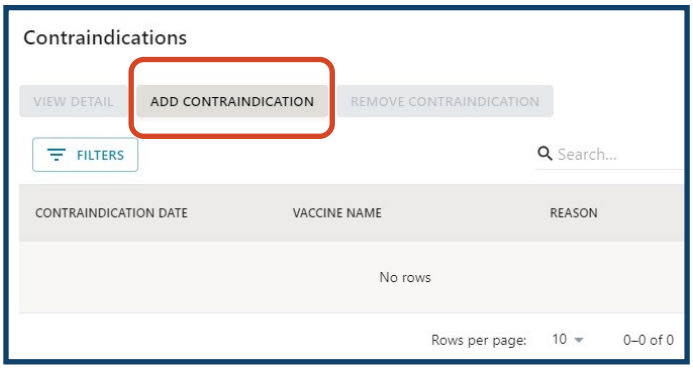


Documenting Contraindications

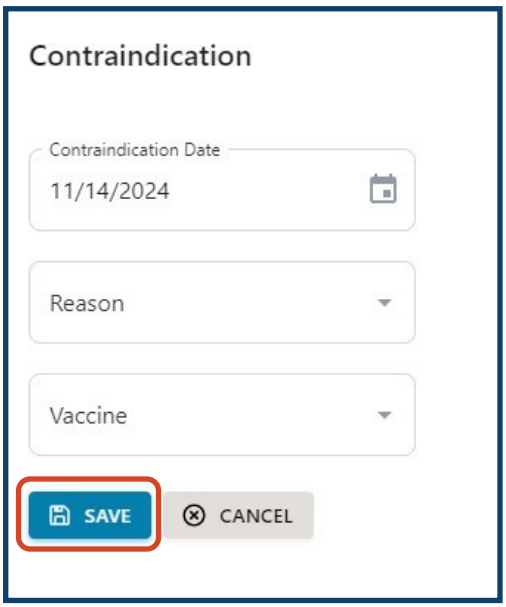
1.) Open the NDIIS record for the patient the contraindication is being documented for.

2.) Select the **REC** tab.

3.) Scroll down to the **Contraindications** section and click **Add Contraindication.**



4.) When the Add Contraindication module opens:



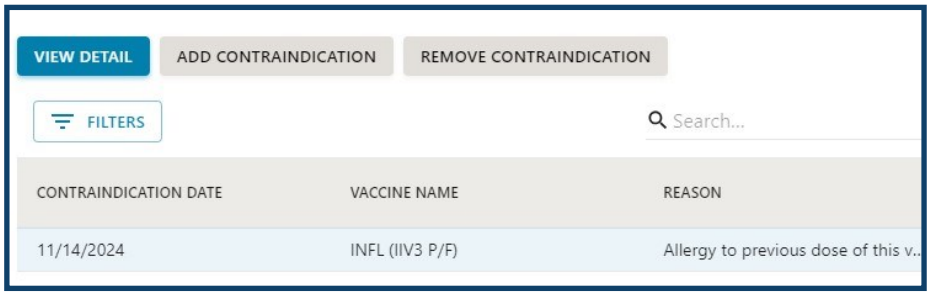
⇒ Enter the date the contraindication is being documented.

⇒ Select a reason for the contraindication from the drop-down menu

⇒ Select an immunization from the drop-down menu

5.) Click Save to complete the data entry and close the entry window.

6.) Review the Contraindications section to verify the newly entered contraindication is correct.



Removing Invalid Entries

Invalid entries can be edited or removed by any non-school NDIIS user with Standard or Provider Admin level access.

From the REC tab of the patient record, click the exemption or contraindication.

All fields for the reaction or contraindication will open for editing.

If the reaction or contraindication needs to be deleted from the patient record, click **Remove Exemption/Contraindication**.

A pop-up will appear asking to confirm the removal of the selected entry.

*Reactions must be removed on the Immunization detail of the vaccination event.