North Carolina Immunization Registry (NCIR)

Using the NCIR as a Clinical Tool User Guide

Last Updated: October 2022





Overview



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What is the North Carolina Immunization Registry (NCIR)?

The **North Carolina Immunization Registry (NCIR)** is a secure, web-based clinical tool which is the official source for North Carolina immunization information. Immunization providers may access all recorded immunizations administered in North Carolina, regardless of where the immunizations were given.

The purpose of NCIR is:

- To give patients, parents, health care providers, schools and child care facilities timely access to complete, accurate
 and relevant immunization data;
- To assist in the evaluation of a child's immunization status and identify children who need (or are past due for) immunizations;
- To assist communities in assessing their immunization coverage and identifying areas of under-immunization.

Now, let's get started!



NCIR Functions



Vaccine History

Vaccine Type, Number in Series, and Trade Name all appear on patient Vaccine History/ Recommend Screen.





^{*}Vaccination details on this screen will determine recommendations for future vaccines.

Vaccine Recommendations

Columns indicate acceptable time frame for vaccination. **Recommended Date** should be used for determining date of vaccination. However, provider may choose to administer at **Earliest Date**. Vaccines can be administered past the **Overdue Date** but, cannot exceed the **Latest Date**.

Current Age: 5 years, 7 months, 29 days							
Vaccines Recommended by Selected Tracking Schedule							
Select	Vaccine Group	Earliest Date	Recommended Date	Overdue Date	Latest Date		
✓	DTP/aP	11/05/2011	11/05/2011	12/05/2011	04/30/2013		
~	Flu H1N1-09	02/14/2010	02/17/2010	03/31/2010			
	<u>HepA</u>	Complete					
	<u>HepB</u>	02/14/2012	02/14/2012	03/20/2012			
	<u>Hib</u>						
~	<u>Influenza</u>	05/30/2010	05/02/2011	11/02/2011			
~	MMR	05/06/2010	05/06/2010	05/01/2012			
	PneumoConjugate	Maximum Age Exceeded					
~	Polio	06/12/2006	07/01/2006	08/01/2006			
~	<u>Varicella</u>	07/08/2010	07/08/2010	05/01/2012			



^{*} once vaccines are entered the recommendations will update

Client Comments

Client Comments can be added on the **Edit Client** screen. To add a comment, select the appropriate comment, add **Applies To Date** and click **Save**.



Client Comment(s) Responsible Person(s) Client Information Client Comment Listing Allergy to baker's yeast (anaphylactic) Select Date New Allergy to egg ingestion (anaphylactic) Allergy to gelatin (anaphylactic) Delete Allergy to neomycin (anaphylactic) Allergy to previous dose of this vaccine or to any of its unlisted vacc Allergy to Streptomycin (anaphylactic) Allergy to Thimerosal - refer to package insert (anaphylactic) Anaphylactic (life-threatening) reaction of previous dose of this vac-Chronic illness Client has been exposed to rables Clinician has decided to repeat the DTaP series Clinician has decided to repeat the HepA series Clinician has decided to repeat the HepB series Clinician has decided to repeat the HIB series Clinician has decided to repeat the HPV series Clinician has decided to repeat the Influenza series Clinician has decided to repeat the Meningo Series Clinician has decided to repeat the MMR series Clinician has decided to repeat the Pneumococcal series Clinician has decided to repeat the Polio series Clinician has decided to repeat the Rotavirus series Clinician has decided to repeat the Varicella series Clinician has decided to repeat the Zoster series Collapse or shock like State within 48 hours of previous dose of DTF Enter New Client Comment ... Convulsions (fits, seizures) within 3 days of previous dose of DTP/E Current acute illness, moderate to severe (with or without fever) Client Comment Next Current diarrhea, moderate to severe Current fever with moderate-to-severe illness • Applies-To Date Cancel Encephalopathy within 7 days of previous dose of DTP or DTaP

* No free-text, only comments in the drop down can be selected.

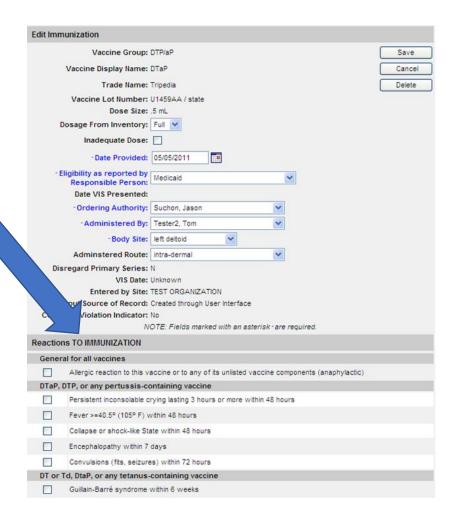
Multiple comments can be entered.



Recording Reactions

A reaction after a vaccine administration can be documented by clicking the **edit icon** on the patient record for the corresponding vaccine and marking the appropriate box.

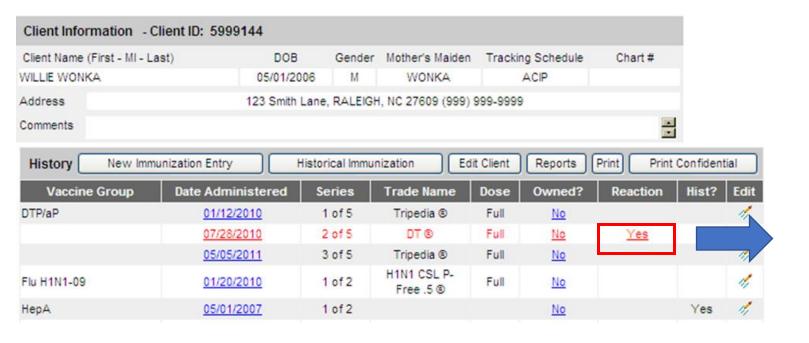
Vaccine Group	Date Administered	Series	Trade Name	Dose	Owned?	Reaction	Hist?	Edit
DTP/aP	01/12/2010	1 of 5	Tripedia ®	Full	No			1/
	07/28/2010	2 of 5	DT ®	Full	No			11/
	05/05/2011	3 of 5	Tripedia ®	Full				11/
Flu H1N1-09	01/20/2010	1 of 2	H1N1 CSL P- Free .5 ®	Full	No			1/1
НерА	04/19/2007				No		Yes	1/
	03/10/2010	1 of 2	Havrix-Peds 2 Dose ®	Full	No			11/
	12/20/2011	2 of 2	Twinrix ®	Full				11/
НерВ	05/05/2011	1 of 3					Yes	11/
	12/20/2011	2 of 3	Twinrix ®	Full				11/
Hib	11/02/2006	1 of 3			No		Yes	11/
	05/01/2007	2 of 3			No		Yes	11/
	07/01/2007	3 of 3			No		Yes	11/
	04/28/2010		ActHib ®	Full	No			1/
	05/02/2010		ActHib ®		No		Yes	11/
Influenza	05/01/2007	1 of 2			No		Yes	1/
	07/01/2007	2 of 2			No		Yes	15
	05/15/2009	Booster			No		Yes	11
	05/27/2009		Fluzone ®	Half	No			11/
	05/02/2010	Booster			No		Yes	1/
MMR	02/02/2010	1 of 2	MMR II ®	Full	No			1/
PneumoConjugate	05/01/2007	1 of 3			No		Yes	11/
	07/01/2007	2 of 3			No		Yes	1/
Varicella	04/08/2010	1 of 2	Varivax ®	Full	No			11

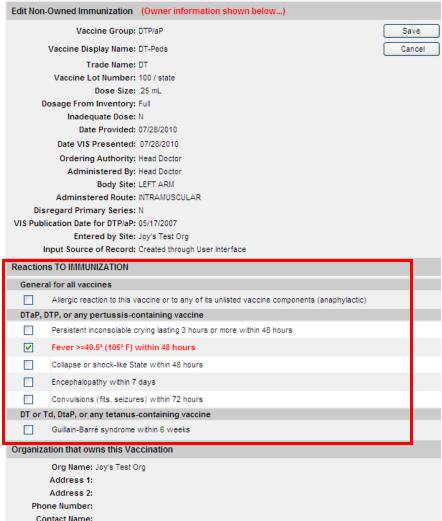




View Reactions

The documented reaction will be indicated under the reaction column and can be viewed by clicking "Yes".







Not Valid Dose

What if I get a "Not Valid" message?

A "**Not Valid**" message may display because the client was not old enough to receive the vaccine or not enough time has passed between doses.

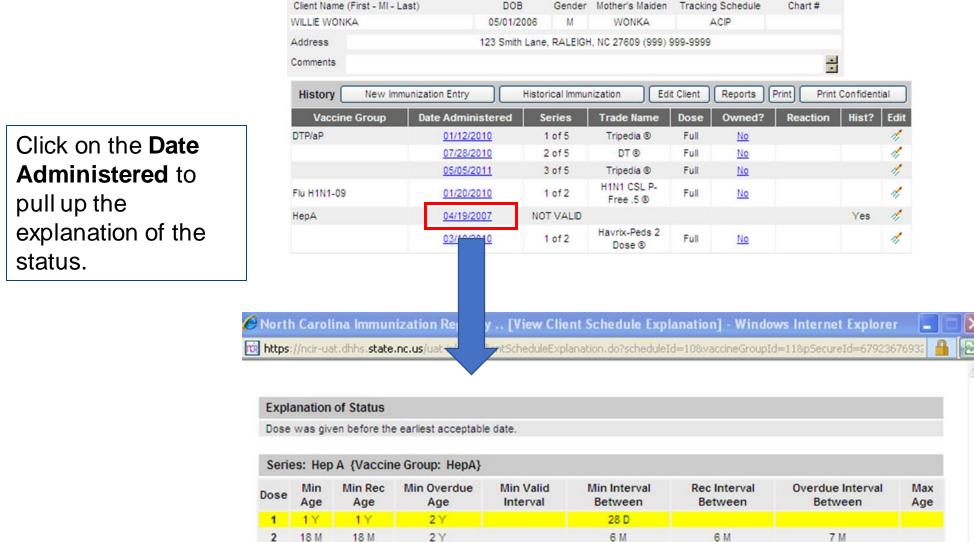


The words "**Not Valid**" will NOT appear on the client's copy of the immunization record. If the immunization was given, <u>DO NOT</u> delete from client record.



Explanation - To View Reason for Not Valid Dose

Client Information - Client ID: 5999144





Remember!

NCIR is a great clinical tool, however in certain situations it does not have the capability to analyze certain information. Remember to always use good clinical judgment.

Contact the Immunization Branch with clinical questions.





Where to Go for More Help?





Questions?

Contact your Regional Immunization Program Consultant (RIC)

The RIC Coverage Map with contact information is located on the Immunization Branch website:

https://www.immunize.nc.gov/contacts.htm

NC Vaccines Help Desk

1-877-873-6247

For help desk hours or to submit a ticket, please click the link below:

https://ncgov.servicenowservices.com/csm_vaccine



Appendix



NCIR Roles

NCIR Role	Role Definition	Corollary Role in CVMS		
Reports Only	This person in NCIR is only able to search for clients and view/print client specific records.	N/A		
Typical User	Person who can manage, including add and edit, clients in NCIR, as well as manage inventory and ordering. This role also has all of the functionality of the Reports Only role.	Healthcare Provider		
Inventory Control	Person who can manage inventory and ordering, as well as all of the functionality of the Typical user and Reports Only roles.	N/A		
Administrator	Person who can manage organization users, sites, and clinicians in NCIR. They run practice-level reports, including reminder/recall. This role also has all of the functionality of the Reports Only, Typical User, and Inventory Control roles.	Location Manager		

