North Carolina Immunization Registry (NCIR)

Using the NCIR as a Clinical Tool User Guide

Last Updated: October 2022

NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

Overview

Overview

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!

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NCIR Functions

Vaccine History

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

Client Information - Client ID: 5999144					
Client Name (First - MI - Last)	DOB	Gender	Mother's Maiden	Tracking Schedule	Chart #
WILLIE WONKA	05/01/2006	M	WONKA	ACIP	
Address	123 Smith Lane, RALEIGH, NC 27609 (999) 999-9999				
Comments					

History | New Immunization Entry | Historical Immunization | Edit Client | Reports | Print | Print Confidential

Vaccine Group	Date Administered	Series	Trade Name	Dose	Owned?	Reaction	Hist?	Edit
DTP/aP	01/12/2010	1 of 5	Tripedia ®	Full	No			
	07/28/2010	2 of 5	DT ®	Full	No			
	05/05/2011	3 of 5	Tripedia ®	Full	No			
Flu H1N1-09	01/20/2010	1 of 2	H1N1 CSL P-Free .5 ®	Full	No			
HepA	06/19/2007	1 of 2			No		Yes	
	03/10/2010	2 of 2	Havrix-Peds 2 Dose ®	Full	No			

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

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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 [Add Selected]

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	
	HepA	Complete			
☐	HepB	02/14/2012	02/14/2012	03/20/2012	
	Hib	Complete			
☑	Influenza	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	
☑	Varicella	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.**

Personal Information - Client ID: 5999144

*Last Name	WONKA		
*First Name	WILLIE	Gender ⦿ M ◯ F ◯ Unknown	
Middle Name		*Birth Date 05/01/2006	
*Mother's Maiden Last	WONKA	*County of Residence Wake	
*Mother's First Name	CAROL	Last Notice 05/26/2011	

NOTE: Fields marked with an asterisk ˑ are required.

Save
History/Recommend
Reports
Cancel

Last Updated by: TEST ORGANIZATION on 12/20/2011

Client Information   Responsible Person(s)   Client Comment(s)

Client Comment Listing

Select	Date	

Allergy to baker's yeast (anaphylactic)
Allergy to egg ingestion (anaphylactic)
Allergy to gelatin (anaphylactic)
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 vacc
Chronic illness
Client has been exposed to rabies
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
Convulsions (fits, seizures) within 3 days of previous dose of DTP/E
Current acute illness, moderate to severe (with or without fever)
Current diarrhea, moderate to severe
Current fever with moderate-to-severe illness
Encephalopathy within 7 days of previous dose of DTP or DTaP

New
Delete

Enter New Client Comment ...

*Client Comment [   ]

Applies-To Date [   ]

Next
Cancel

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

Multiple comments can be entered.

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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.

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

Click on the **Date Administered** to pull up the explanation of the status.

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	05/05/2011	3 of 5	Tripedia ®	Full	No			
Flu H1N1-09	01/20/2010	1 of 2	H1N1 CSL P-Free .5 ®	Full	No			
HepA	04/19/2007	NOT VALID					Yes	
	03/19/2010	1 of 2	Havrix-Peds 2 Dose ®	Full	No			

North Carolina Immunization Registry .. [View Client Schedule Explanation] - Windows Internet Explorer

https://ncir-uat.dhhs.state.nc.us/uat... ntScheduleExplanation.do?scheduleId=10&vaccineGroupId=11&pSecureId=67923676932

Explanation of Status

Dose was given before the earliest acceptable date.

Series: Hep A {Vaccine Group: HepA}

Dose	Min Age	Min Rec Age	Min Overdue Age	Min Valid Interval	Min Interval Between	Rec Interval Between	Overdue Interval Between	Max Age
1	1 Y	1 Y	2 Y		28 D			
2	18 M	18 M	2 Y		6 M	6 M	7 M	

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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.

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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