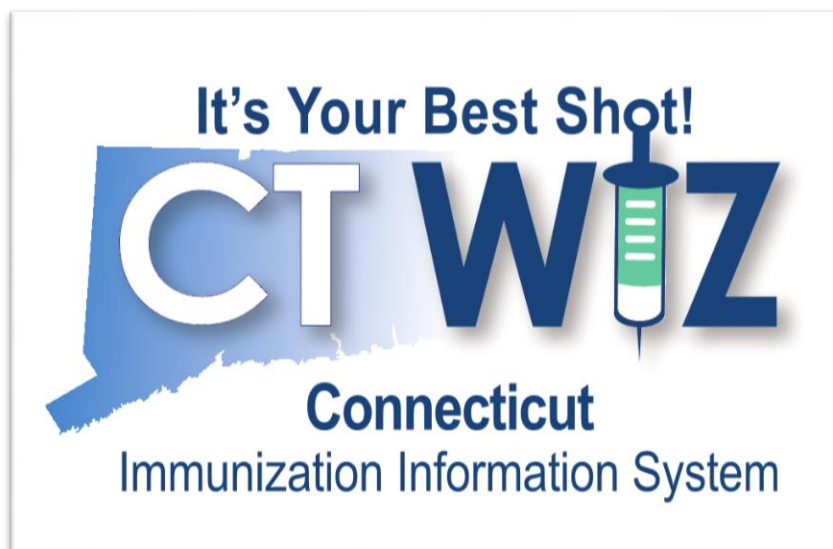


Connecticut's NEW Immunization Information System (IIS)

What's in it for Me?



Presented by: CT DPH Immunization Program

Nancy Sharova, MPH, IIS Coordinator and Mick Bolduc, Vaccine Coordinator

CT Chapter of AAP Webinar

May 10, 2018



Learning Objectives

- Current & Future State
- IIS Vision
- Modules
- Benefits
- Trainings
- Staying Updated



Current State



Vaccines for Children (VFC)



Vaccines for Children 20 years of protecting America's children

The Vaccines for Children program was established in 1994 to make vaccines available to uninsured children. VFC has helped prevent disease and save lives...big time!



CDC estimates that vaccination of children born between 1994 and 2013 will:

prevent **322 million** illnesses



help avoid **732,000** deaths



save nearly **\$1.4 trillion** in total societal costs
(that includes \$295 billion in direct costs)



U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

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10-111-1000-1000-1000

www.cdc.gov/features/vfcprogram

Connecticut Vaccine Program (CVP)



- Requires health care providers who give pediatric vaccines to get the vaccines through the CVP in most cases.
- By buying more vaccines from the federal contract, we can get more vaccine to Connecticut children at a lower cost.

Vaccine Tracking System (VTrckS)



- VTrckS allows providers to input their vaccine orders online thereby **improving efficiency** and **accountability of publicly-funded vaccines**.
- ExIS (External Information System) interface processes vaccine requests by **uploading data from their Immunization Information System (IIS) to VTrckS**.
- Nationally, most states submit orders via their IIS, and CT will **train providers to order via the new IIS**.

Connecticut Immunization Registry and Tracking System (CIRTS)



In 1994, the legislature authorized the Department of Public Health to establish CIRTS to ensure children are up-to-date with their immunizations and that their records are available when needed.

- **Statewide** since 1998 (>851,000 patient records)
- **Enrollment** through interface with Vital Records and EHRs
- **Opting-out** requires a parent's signature (<1% opt out)
- **Mandated reporting for providers** who vaccinate children

AFIX



Assessment, Feedback, Incentive and eXchange (AFIX) is a quality improvement program aiming to **increase vaccination rates by reducing missed opportunities to vaccinate and improving immunization delivery practices at the provider level.**



Future State





Connecticut's New IIS

“CT WiZ”

*The term “IIS” is used to represent the:
information system, program, people,
and processes associated with the systems.*

One Integrated System!



SHARE THE VISION

It's not enough to just be optimistic. You must give your team and organization something to be optimistic about.

www.JonGordon.com

National IIS Vision



Real-time, consolidated **immunization data and services** for **all ages** are available for authorized clinical, administrative, and public health users and consumers, anytime and anywhere.



National IIS Strategic Plan

- Enhance performance of all IISs to meet the needs of providers, immunization programs, and the broad network of stakeholders.
- Raise performance of IISs to improve and sustain immunization coverage rates.
- Ensure all IISs contain the same robust functionalities and high data quality.



Connecticut WebIZ (CT WiZ)

- WebIZ is a **leading IIS application in more than 15 locations**. Connecticut is now part of this consortium – sharing resources and expertise.
- WebIZ is designed to **meet national standards** for effective tracking and administration of immunizations in a public health setting.

CT WiZ





**LOOK AT ALL THIS WORK
I HAVENT DONE YET**

Going paperless with CT WiZ!



What's in it for me?

Functionality you Love in CIRTS & VTrckS

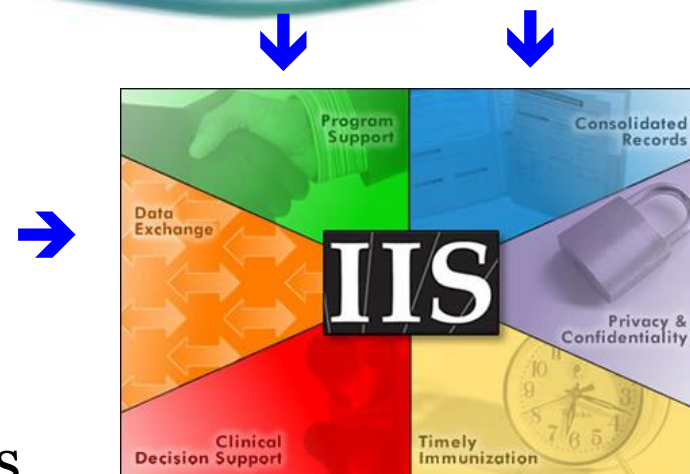
Plus More!



What's in it for me?

Data Exchange:

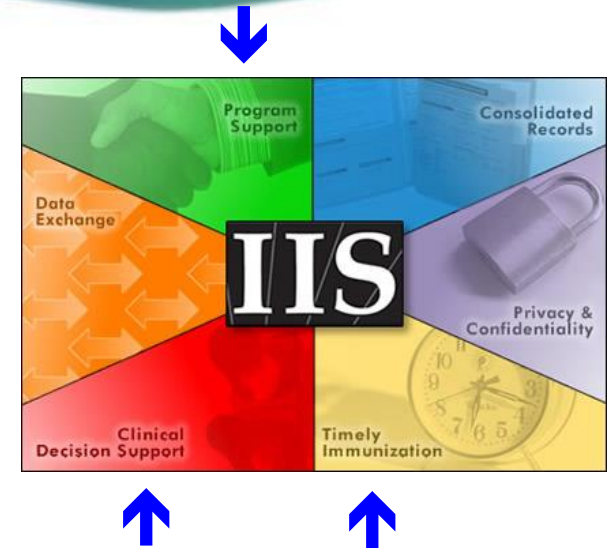
- Order CVP vaccines; Track orders
- Manage vaccine inventory
- Facilitate routine doses administered reports for vaccine accountability with vaccine ordering
- Report immunizations quickly and easily:
 - directly through the web-based CT WiZ or
 - electronically through your EHR (HL7 messaging)
- Generate Consolidated Official Immunization Certificate



What's in it for me?

Quality:

- Timely, complete, accurate data:
 - VFC eligibility, lot number, etc.
 - IIS and provider's record match
- Uses “Recommender” decision support to see which immunizations are due:
 - patients receive only the vaccines they need
 - missed opportunities are reduced
- Generates your clinic's coverage rate assessments
- Reminder/Recall Reports



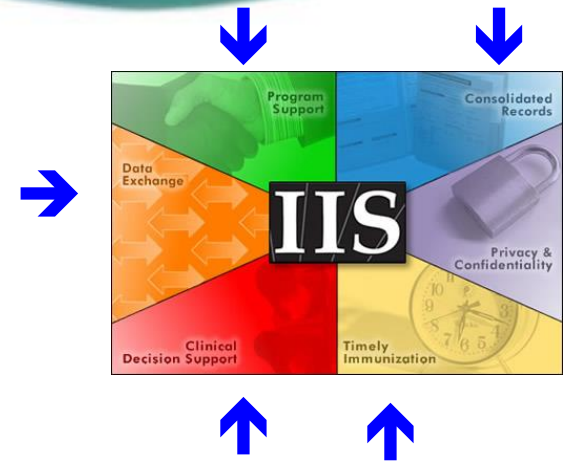
What's in it for me?

Real-time:

SOAP Web Service

HL7 2.5.1 (bi-directional query and response)

- Eliminates double data entry
- Reduces potential for transcription errors
- Improves patient search, more demographic fields to search
- Easily finds immunizations for patients new to your clinic
- Immediate access to consolidated record and accurate forecast during patient visit



Meaningful Use – Public Health Reporting

CT DPH website – Featured Links – Meaningful Use:

04/03/18 - [Program Year 2018 Meaningful Use Public Health Measure Update](#)



For more info visit <https://aims.uconn.edu/ehr-incentive-program/>





IIS Benefits (Nationwide)

- Contact the state IIS from where your patient transferred
<https://www.cdc.gov/vaccines/programs/iis/contacts-locate-records.html>
- CT DPH Immunization Program has read-only access to the Puerto Rico Immunization Registry (PRIR).
 - Contact Michele (860) 509-7929 if you need assistance with researching a newly arriving patient's history in the PRIR.

Public Portal

A Public Portal, *currently under development*, will enable individuals, parents and guardians to access, save and or print, official immunization records.

This secure portal will require the person to submit the authentication code before accessing the record.



What's the cost?

- There is **no charge** to use an IIS.
- Although **incorporating use of the IIS into your office's daily procedures** will take an initial investment of time and effort.
- This will:
 - reduce providers' administrative costs,
 - increase order accuracy through the ability to place and track orders online, and
 - ensure vaccine accountability.



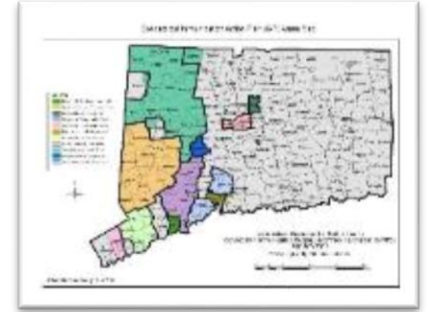


Trainings being developed

- Videos
- Webinars
- Slide Sets
- User Guides
- Tip Sheets



Immunization Action Plan (IAP) Can Help



- IAP Coordinators: located in areas at highest risk of low immunization rates and contracted primarily at Local Health Departments for a **local presence** in the community
- Goals: **increase immunization rates** by conducting outreach, and **providing education and trainings** about immunizations and utilizing the IIS

[Click here for Contact Info of Immunization Action Plan \(IAP\) Coordinators](#)

CT WiZ – *a sneak peak...*



CT WiZ Login Screen



Connecticut's Immunization Information System

Login

Username

Password

[Forgot Password?](#)

Login

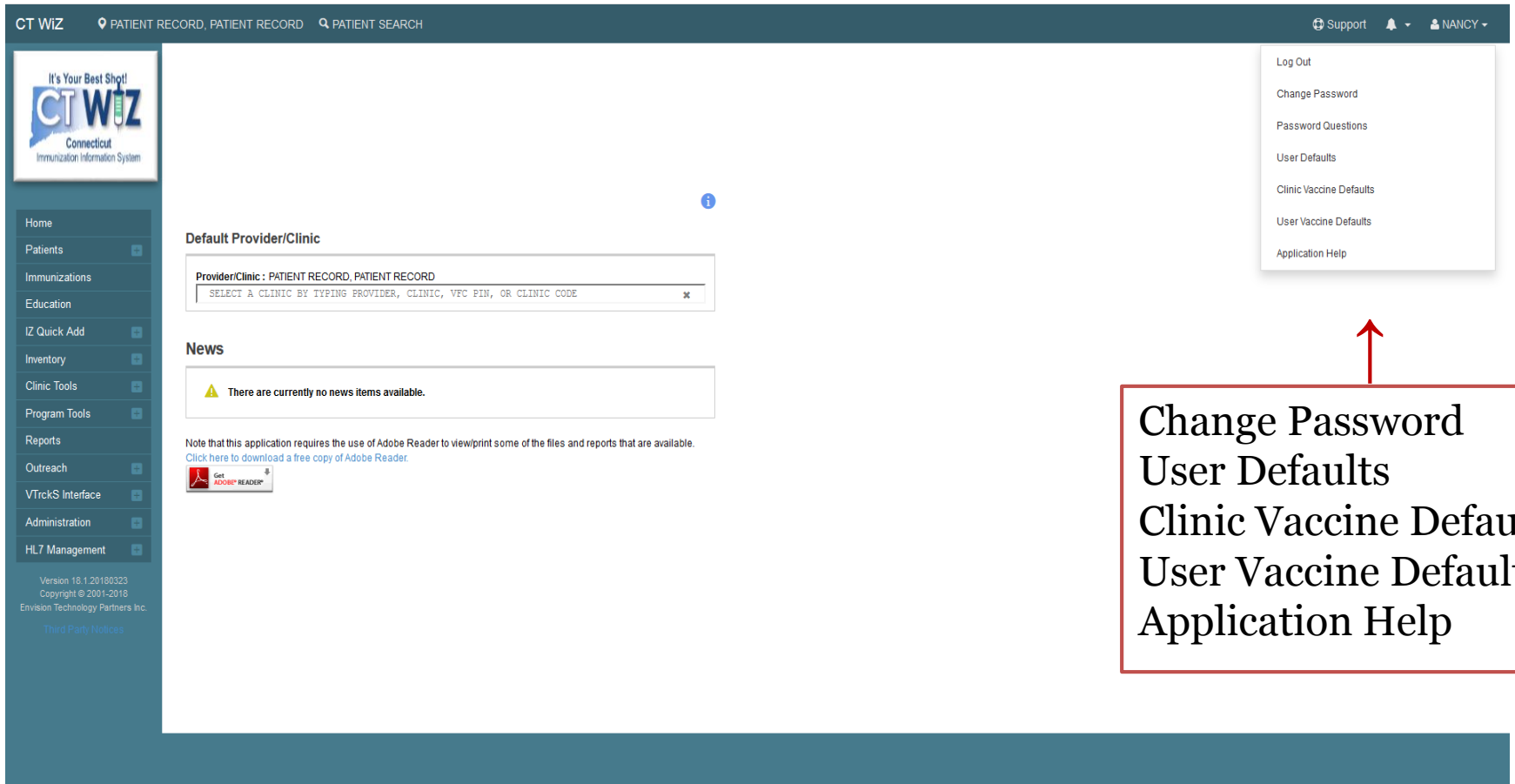
[Trouble Logging in?](#)

By logging into CT WiZ, you agree to abide by the terms of the Connecticut Department of Health (DPH) that were outlined in your User Confidentiality Agreement. Users are responsible for ensuring they act in accordance with these terms and any other applicable policies. The recipient shall notify DPH of a violation of these policies in accordance with the terms outlined in the User Confidentiality Agreement. Only authorized users of this site may access this system. Monitoring may be conducted for the protection against improper or unauthorized use or access. Any unauthorized and improper use of this system may result in disciplinary action or criminal and civil penalties.



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Home Screen (cont.)



The screenshot displays the CT WIZ Home Screen. The top navigation bar includes 'CT WIZ', 'PATIENT RECORD, PATIENT RECORD', and 'PATIENT SEARCH'. On the right, there are links for 'Support', a notification bell, and a user profile for 'NANCY'. A dropdown menu is open for the user profile, listing options: 'Log Out', 'Change Password', 'Password Questions', 'User Defaults', 'Clinic Vaccine Defaults', 'User Vaccine Defaults', and 'Application Help'. A red arrow points from this menu to a red-bordered box on the right. The left sidebar contains a navigation menu with items: Home, Patients, Immunizations, Education, IZ Quick Add, Inventory, Clinic Tools, Program Tools, Reports, Outreach, VTrckS Interface, Administration, and HL7 Management. The main content area features a 'Default Provider/Clinic' section with a search bar, a 'News' section with a message 'There are currently no news items available.', and a note about Adobe Reader. The bottom of the sidebar shows version information: 'Version 18.1.20180323', 'Copyright © 2001-2018', 'Envision Technology Partners Inc.', and a link to 'Third Party Notices'.

CT WIZ

PATIENT RECORD, PATIENT RECORD

PATIENT SEARCH

Support

NANCY

It's Your Best Shot!
CT WIZ
Connecticut
Immunization Information System

Home

Patients

Immunizations

Education

IZ Quick Add

Inventory

Clinic Tools

Program Tools

Reports

Outreach

VTrckS Interface

Administration

HL7 Management

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Default Provider/Clinic

Provider/Clinic : PATIENT RECORD, PATIENT RECORD

SELECT A CLINIC BY TYPING PROVIDER, CLINIC, VFC PIN, OR CLINIC CODE

News

There are currently no news items available.

Note that this application requires the use of Adobe Reader to view/print some of the files and reports that are available.
[Click here to download a free copy of Adobe Reader.](#)

Get ADOBE® READER®

Log Out

Change Password

Password Questions

User Defaults

Clinic Vaccine Defaults

User Vaccine Defaults

Application Help

Change Password

User Defaults

Clinic Vaccine Defaults

User Vaccine Defaults

Application Help

Modules

CT WIZ

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[Third Party Notices](#)

Default Provider/Clinic

Provider/Clinic : PATIENT RECORD, PATIENT RECORD
SELECT A CLINIC BY TYPING PROVIDER, CLINIC, VFC PIN, OR CLINIC CODE

News





















There are currently no news items available.

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[Click here to download a free copy of Adobe Reader.](#)

Get Adobe Reader

← Patients, Immunization, Education, Outreach,
Inventory, Reports, VTrckS Interface,
HL7 Management

Icons

	Adverse Reaction		Dose Not Administered		Notes
	Audit Information		Historical Vaccination		Online Help
	Calendar		Immunization Reconciled		Opted Out
	Clear		Invalid Dose (Manual)		Precautions / Contraindications
	Current User		Invalid Dose (Recommender)		Print
	Deceased		Lookup		Vaccination Comments
	Deleted				Warning

Reports

CT WIZ

PATIENT RECORD, PATIENT RECORD

PATIENT SEARCH

Support

NANCY

It's Your Best Shot!

CT WIZ

Connecticut Immunization Information System

Home

Patients

Immunizations

Education

IZ Quick Add

Inventory

Clinic Tools

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Outreach

VTckS Interface

Administration

HL7 Management

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Third Party Notices

Reports

Click on one of the links below to view the document or run the report.

Patient

IZ History/Risk/Recommendations

Official Immunization Record

Patient Administrative Record

Vaccine Documentation/Consent Form

Forms / Informational Documents

Clinic Contact Listing

Product Listing

Vaccine Information Statements (VIS)

CT Forms and Resources

Add New Report

Report not available - No reports available

Patient Management

Birth Vaccinations

Patient Detail with Services

Patient List By Insurance Source

Patient List/Counts By Clinic Report

Patient Reminder/Recall

Patient Roster

Patients First Seen

Patients with Vaccine Refusals

Patients with Vaccine Refusals - Datamart

Vaccine Recall

Coverage Statistics

Clinic Immunization Count

Dosage Report

Doses Administered

Immunization Rates

Immunization Rates - Datamart

Invalid Doses

Patient Counts by Age and Insurance Source

Patients Aged Out of their VFC Eligibility Code

Vaccinations by Funding Source

Vaccine Borrowing Report

Doses Administered - Datamart

VFC Category Patient Count Report - Datamart

Data Quality - User

Data Quality - Statistics - Scheduled

Patient

CT Forms/Documents

Patient Management

Coverage Statistics

Data Quality

Vaccine Order Management

VFC Program Management

Inventory Management

Outreach



Connecticut Department Of Public Health
Keeping Connecticut Healthy
Connecticut Immunization Information System
Official Immunization Record



As of Date: May 08, 2018

WINNIE THE POOH
Date of Birth: 10/24/2010
Gender: MALE

! - Invalid Dose. - Dose determined invalid by provider.

This represents the Official State of Connecticut, Department of Public Health immunization record. This record contains immunizations reported to the Department of Public Health by your medical provider. If you believe this record is incomplete or incorrect please contact your medical provider.

DTaP / TD / Tdap		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 DTaP-Hib-IPV (Pentac)	12/29/2010	0Y 2M 5D
2 DTaP-Hib-IPV (Pentac)	03/02/2011	0Y 4M 6D
3 DTaP-Hib-IPV (Pentac)	05/18/2011	0Y 6M 24D
4 DTaP-Hib-IPV (Pentac)	02/16/2012	1Y 3M 23D
5 DTaP-Hib-IPV (Pentac)	11/07/2014	4Y 0M 14D
6		

Polio		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 DTaP-Hib-IPV (Pentac)	12/29/2010	0Y 2M 5D
2 DTaP-Hib-IPV (Pentac)	03/02/2011	0Y 4M 6D
3 DTaP-Hib-IPV (Pentac)	05/18/2011	0Y 6M 24D
4 DTaP-Hib-IPV (Pentac)	02/16/2012	1Y 3M 23D
5 DTaP-Hib-IPV (Pentac)	11/07/2014	4Y 0M 14D
6		

Hib		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 DTaP-Hib-IPV (Pentac)	12/29/2010	0Y 2M 5D
2 DTaP-Hib-IPV (Pentac)	03/02/2011	0Y 4M 6D
3 DTaP-Hib-IPV (Pentac)	05/18/2011	0Y 6M 24D
4 DTaP-Hib-IPV (Pentac)	02/16/2012	1Y 3M 23D
5 DTaP-Hib-IPV (Pentac)	11/07/2014	4Y 0M 14D
6		

Pneumococcal		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 PCV13	12/29/2010	0Y 2M 5D
2 PCV13	03/02/2011	0Y 4M 6D
3 PCV13	05/18/2011	0Y 6M 24D
4 PCV13	02/16/2012	1Y 3M 23D
5		

Rotavirus		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 Rotavirus (RotaTeq)	12/29/2010	0Y 2M 5D
2 Rotavirus (RotaTeq)	03/02/2011	0Y 4M 6D
3		

Hep A		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 Hep A, ped/adol, 2D	11/10/2011	1Y 0M 17D
2 Hep A, ped/adol, 2D	05/23/2012	1Y 6M 29D
3		

Hep B		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 Hep B, ped/adol	10/24/2010	0Y 0M 0D
2 Hep B, ped/adol	12/01/2010	0Y 1M 7D
3 Hep B, ped/adol	08/18/2011	0Y 9M 25D
4		

Official Immunization Record

WINNIE THE POOH
Date of Birth: 10/24/2010
Gender: MALE

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<p>! - Invalid Dose. - Dose determined invalid by provider.</p>		
MMR		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 MMR	11/19/2011	1Y 0M 17D
2 MMRV	11/06/2014	4Y 0M 13D
3		
Varicella (CPOX)		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 Varicella	02/16/2012	1Y 3M 23D
2 MMRV	11/06/2014	4Y 0M 13D
3		
Meningococcal		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1		
HPV		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1		
Influenza		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1 Influenza Quad Inj P	10/31/2013	3Y 0M 7D
2 Influenza Quad Inj P	11/06/2014	4Y 0M 13D
3 Influenza Nasal UF	10/03/2015	4Y 11M 9D
4 Influenza Quad Inj P	11/21/2016	6Y 0M 28D
5 Influenza Quad Inj P	11/02/2017	7Y 0M 9D
6		
Other		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1		
Zoster		
Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
1		

WINNIE THE POOH
Date of Birth: 10/24/2010
Gender: MALE

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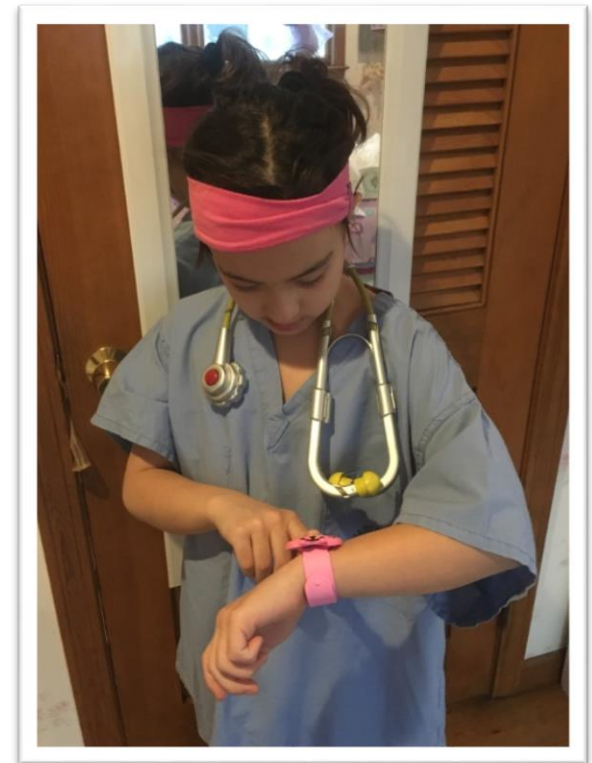
Precautions/Contraindications		
Description	Start	End

Immunization Program
410 Capitol Ave. MS# 11MUN, P.O. Box 340308, Hartford, CT 06134-0308
Phone: 860-509-7929 www.ct.gov/dph/immunizations
Page 2 of 3



CT WiZ Timeline

- Migrate CIRTS + VTrckS → CT WiZ
- Develop Training Materials
- **Fall of 2018 GO-LIVE!!**
- Train External Users (phased approach)
- Onboard EHRs (HL7 messaging)



How Can I Stay Updated?

- DPH Immunization Program Website
- CVP Blast Faxes/Emails
- CVP Newsletters
- “News Alerts” in Monthly Compliance Report Cover Letters
- Site Visits from Epidemiologists/IAP Coordinators
- Local Immunization Action Plan (IAP) Advisory Meetings



THANK YOU!



CT Department of Public Health
State Immunization Program
410 Capitol Avenue, MS #11 MUN
Hartford, CT 06134
(860) 509-7929
www.ct.gov/dph/immunizations