Tennessee Immunization Program

Brian K. Moore, Immunization Registry Coordinator
brian.k.moore@tn.gov
615-741-4908

Registry Vision

In Tennessee, we envision a registry in which “Any authorized user, anytime and anywhere in the state of Tennessee can immediately obtain comprehensive immunization information on any Tennessee resident.”

http://twis.tn.gov
Tennessee Immunization Registry

- Established in 1993
- Provides permanent and readily accessible record of immunization
- Prevent unnecessary immunizations
- Prevent missed immunization opportunities
- Minimize time and labor to conduct assessments

Registry Data Sources

- Vital Records
  - Electronic Birth Certificate Feed
- Private Providers
  - Tennessee Web Information System (TWIS)
- Health Departments
  - Patient Tracking Billing Management Information System (PTBMIS)
- Electronic Data Interchange (EDI)
Immunization Screens

PTBMIS-DI Screen

Pat. No. 0022178581 Discharge Status (ACTIVE)
Name GSR
BR0GY 0 D08 08/20/2008 Age 3 yr 9 mon
Recommended Immunizations
Return Date:
DHI 03/21/09 MHS 07/23/09 MHR 08/20/09 STP 09/20/09
CPX 12/20/09
Immunization Name Imm. Lev. Hist. Imm. Route Prev.
Code Type Code Date Site Code Mfg. Lot# Dosage N
DTPA, IPV, HEP B DHI 01/21/09 1.00
DHI 11/20/08 1.00
DTPA+HI+IPV MNC DHI 09/25/09 1.00
DTA 01/21/09 1.00
HEPATITS B HBY 05/25/09 1.00
HBY 01/21/09 1.00
HRY 09/25/08 1.00
HEMOPHILUS INF B HIB 06/23/09 1.00
HIB 01/21/09 1.00
INACTIVE POLIO 4 IPY 01/21/09 1.00
ROTAVIRUS ROUTE RTH 05/25/09 1.00
RTH 01/21/09 1.00
STREP PNEUMONIA STP 05/25/09 1.00
STP 09/25/09 1.00
(M FOR MORE) 7/08/09 18:10:36
It is our desire that any authorized user, anytime and anywhere in the state of Tennessee can immediately obtain comprehensive immunization information on any Tennessee resident.
Tennessee Web Immunization Information System (TWIS)

Operational since on September 1, 2003

twis.tn.gov

TWIS is . . .

• a secure, confidential link to the Tennessee immunization registry
• is a part of the deliberate expansion of the immunization registry scope to include comprehensive immunization information on Tennessee residents, regardless of age.
Current TWIS Features

• Vaccine for Children (VFC) Program information and documents
• Password reset
• Official preschool and school immunization certificates
• Data entry of up to five (5) vaccines at one time
• History of chickenpox disease
• Links to various public web sites
• On-line training module

http://twis.tn.gov

TWIS Features

• Provides official preschool and school immunization certificates
• Create patient profiles
• Add immunizations
• Links to reputable websites for immunization information and resources
• VFC Program documents

“TWIS is easy to use and very useful in finding the immunization status of children in the community.”

- Paris Pediatrics
  Paris, TN

http://twis.tn.gov
TWIS Benefits

• Simple, easy to use screens
• Source for credible, accurate, timely immunization information
• Saves users’ time and money

“Accessing TWIS has been a tremendous time saver for our nursing staff…”

- Linda Shell, Dayton Pediatrics
Dayton, TN

http://twis.tn.gov

“Because TWIS is an Internet-based registry that consolidates immunization records at a single, secure, readily accessible site, it gathers administrative data that can be used to meet HEDIS Childhood Immunization Status (CIS) requirements. Therefore, accurate immunization records in TWIS can assist with meeting HEDIS CIS compliance standards.”

-Vicki Peterson
Prevention & Wellness Education
TENNderCare/EPSDT
Quality Coordinator

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One in five US children receives at least one unnecessary dose of vaccine by two years of age, wasting approximately $26.5 million in vaccine costs a year.

- Association of Immunization Managers

http://twis.tn.gov
“The TWIS registry not only provides vital immunization histories, but the demographic documentation provides another means of keeping track of our patients...”

- St. Jude Children’s Research Hospital
Memphis, TN

http://twis.tn.gov
"The use of TWIS minimizes disruption in MD office during HEDIS data collection; Decreases Health Plan costs to locate and abstract the information; TWIS is user friendly"

-Vicki L. Whitlatch, R.N. SE/SW
Region Quality Manager

TENNESSEE DEPARTMENT OF HEALTH
TENNESSEE PRE-SCHOOL IMMUNIZATION CERTIFICATE

I. IDENTIFYING INFORMATION

Child's Name: HECTOR A. FUENTES
Birth Date: 01/02/2009
Primary Guardian's Name: NACELIS FUENTES
Phone No.: 423-984-0861
Address: 734 FOLEY DR., CHATTANOOGA TN 37418

II. REQUIRED PRE-SCHOOL IMMUNIZATIONS (for children 5 weeks and older)

<table>
<thead>
<tr>
<th>Vaccine Name</th>
<th>2 Months</th>
<th>4 Months</th>
<th>6 Months</th>
<th>12-18 Months</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPT 1-3</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>IPV</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Hib</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MMR</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Varicella</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Measles/Mumps/Rubella</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

1. Dose 3 of diphtheria/tetanus/pertussis is needed if a three-dose DTP vaccine preparation is used. Two or 3 doses of diphtheria is acceptable.
2. One dose of IPV vaccine administered on or after 15 months of age completes the immunization requirement, regardless of the total number of doses.
3. The IP dose of Hib vaccine may be given at any time between 6 and 12 months of age.
4. Request card with the first birthday, and to be completed within 10 days after the first birthday to meet health requirement.
5. Parent or guardian signature of understanding all consent requirements.

III. CURRENT IMMUNIZATIONS RECORD (If completing manually, please record the date [MM/DD/YYYY] of each dose received)

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>First</th>
<th>Second</th>
<th>Third</th>
<th>Fourth</th>
<th>Fifth</th>
<th>Sixth</th>
</tr>
</thead>
</table>

http://twis.tn.gov
VACCINE DATA ENTRY

History of Chickenpox Disease

- Report a Date for Chickenpox Disease
Links to various public web sites

Welcome to Tennessee Web Immunization System

Follow the prompts at the left side of the screen to access all the features of the site. When you have finished, please remember to log off using the "Logout" button in the upper right-hand corner of the screen.

Tennessee Department of Health

Tennessee Immunization Program
423 3rd Avenue North
Cordell Hull Building, 1st floor
Nashville, TN 37245

Email: health.HPR@state.tn.us
Phone: (615) 741-3752 or (800) 404-3006
Fax: (615) 254-4504

Current Happenings

PMHS News and Updates
- PMHS News and Updates (Updated 2/17/2009)
- PMHS News and Updates (Updated 2/17/2009)

Vaccination Requirements (Updated 3/26/2009)

Immunization Program (Updated 3/26/2009)

This tool can be used to determine the vaccines your child needs and is especially useful for quickly seeing missed or skipped vaccines according to the Immunization Schedule. Links to need the full article.

Immunization Action Coalition
Vaccination Information for Healthcare Professionals

Vaccine Information Statements (VISs) are information sheets produced by the Centers for Disease Control and Prevention (CDC). VISs explain both the benefits and risks of a vaccine to adult vaccine recipients and their parents or legal representatives of children who are children and adolescents. Federal law requires that VISs be locked out whenever certain vaccinations are given (before each dose).

What Are Vaccine Information Statements?

Current VIS Dates

Check the current VIS dates against those for a specific VIS to verify the accuracy of the information. This site includes the VIS to be used to report adverse events.

About the VIS Section

All VISs on this site are in ready-to-print portrait document file (PDF) format. You will need Adobe Acrobat Reader to view and print.
Online Training Module

Welcome to Tennessee Web Immunization System

Tennessee Department of Health

Follow the prompts at the left side of the screen to access all the features of the site. When you have finished, please remember to log off using the 'Logoff' button in the upper right-hand corner of the screen.

Welcome to the TWIS Online User Training Module

1. Introduction
2. How to Log In
3. Disabling Pop-up Blockers
4. Resetting Password
5. TWIS Homepage
6. Patient Search
7. Patient Demographics
8. Vaccines - Add
9. Vaccines - Edit/Save
10. Reporting an Adverse Event
11. Printing School Certificate
12. Printing Patient Letters
13. Browsing Problem
14. Provider - Search
15. Add New Vaccine Program
Future TWIS Features

- Vaccine forecasting module-2009
- Online user manual-2009
- Vaccine Management
  - VFC vaccine ordering-2010
  - Inventory control and reconciliation-2010
- Reminder/recall module at the patient and provider level-2011
- Measure immunization coverage rates at a provider level-2011

http://twis.tn.gov

TWIS-Vaccine Screen
State Wide/TWIS

- 1043 user sites
- 3348 users

TWIS Immunizations
- 41,478 immunizations entered (2007)
- 51,067 immunizations entered (2008)
- 43,298 immunizations entered (2009)

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