



Indiana State Department of Health Indiana Healthcare Associated Infection Initiative

Initiative Overview

Introduction

The Indiana State Department of Health (ISDH) is leading a state collaborative initiative to prevent healthcare associated infections. The Indiana Healthcare Associated Infection Initiative is a two-year initiative to promote the prevention of healthcare associated infections.

The prevention of healthcare associated infections is an important health issue. Evidence suggests that healthcare associated infections are an increasing healthcare problem in part resulting from multi-drug resistant organisms. For instance, reported cases of *Clostridium difficile* infections increased annually in Indiana hospitals from 2002 to 2007.

Indiana has been active in recent years in addressing healthcare associated infections. The Indiana State Department of Health, health care organizations, and individual provider systems have conducted numerous initiatives directed at preventing infections. Most recently, the Indiana State Department of Health utilized a collaborative process to address Methicillin-resistant *Staphylococcus aureus* (MRSA) exposures and provide Indiana communities with the most current MRSA information and necessary tools to promote strategies for the prevention of *Staphylococcus aureus* infections. The state involvement in this new initiative extends and complements previous efforts to prevent healthcare associated infections.

There are actually two new state initiatives directed at healthcare associated infections. The Indiana Ambulatory Surgery Center Healthcare Associated Infection Initiative focuses solely on ambulatory surgery centers and increases certification survey standards related to infection control. An overview of the Indiana Ambulatory Surgery Center Healthcare Associated Infection Initiative may be found on the ISDH Healthcare Associated Infection Resource Center Web site.

The Indiana Healthcare Associated Infection Initiative is a collaborative initiative with three primary objectives:

- Develop a state plan for preventing healthcare associated infections
- Develop and implement a surveillance and monitoring system for healthcare associated infections
- Develop and implement a prevention initiative for healthcare associated infections

The Indiana Healthcare Associated Infection Initiative is focusing on six healthcare associated infections:

- Central line associated bloodstream infections

- Catheter associated urinary tract infections
- *Clostridium difficile* infection
- Methicillin-resistant *Staphylococcus aureus*
- Surgical site infections
- Ventilator associated pneumonia

Project Director

Terry Whitson
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Indiana State Department of Health

Project Coordinator

The ISDH selected the University of Indianapolis Center for Aging & Community (CAC) to coordinate the development of the State Plan. The Center for Aging & Community has a history of academic excellence along with experience in collaborative efforts to improve healthcare. The Center for Aging & Community is one of Indiana's leading centers for aging studies, with an interdisciplinary approach to developing partnerships between higher education, business organizations and the community to improve the quality of life for older adults. Dr. Ellen Miller, PhD, is the Executive Director of the Center.

In November 2009, the ISDH released a request for proposals for coordination of the prevention initiative. Selection of a project coordinator for the prevention initiative is pending.

Dates of Initiative

Start date: September 1, 2009
End date: December 31, 2011

Funding of Initiative

This initiative is funded through the American Recovery and Reinvestment Act of 2009 (ARRA). The U.S. Department of Health and Human Services, Centers for Medicare and Medicaid Services, is administering the initiative along with the U.S. Centers for Disease Control and Prevention. Indiana has been awarded \$694,152 through ARRA for this initiative.

The American Recovery and Reinvestment Act of 2009, Public Law 111-5 (ARRA), was signed into law on February 17, 2009. The Recovery Act is designed to stimulate economic recovery in various ways including strengthening the Nation's healthcare infrastructure and reducing healthcare costs. Within the Recovery Act, \$50 million was authorized to support states in the prevention and reduction of healthcare associated infections (HAI). The HAI Recovery Act funds will be invested in efforts that support surveillance and prevention of HAIs, encourage collaboration, train the workforce in HAI prevention, and measure outcomes. Many of these funds will be used to support activities outlined in the HHS Action Plan to Prevent Healthcare Associated Infections.

Of the \$50 million Recovery Act funding, approximately \$10 million is going to states to improve quality assurance at ambulatory surgery centers by implementing a new survey process to promote better infection control practices. The remaining \$40 million is going to states to develop a state plan and implement a prevention program. This initiative is part of this program. Forty-nine states are participating in the program.

Key Dates of Initiative

June 26, 2009:	ISDH submitted grant proposal to Centers for Disease Control and Prevention (CDC)
September 2, 2009:	ISDH received notice of grant award
October 15-16, 2009:	Initial initiative meeting with CDC and participating states in Atlanta, GA
January 1, 2010:	Preliminary State Plan due to CDC
March 2, 2010:	Indiana Health Care Leadership Conference – prevention initiative kick-off
June 30, 2010:	State Plan Completed
Aug – Sept 2010:	Beginning of prevention initiative with participating health care providers
Sept – Oct 2011:	End of prevention initiative with participating health care providers
December 31, 2011:	End of initiative

Goals and Objectives

The goals of the Indiana Healthcare Associated Infection Initiative are:

- Improve the identification of healthcare associated infections by health care providers
- Reduce the number of healthcare associated infections
- Increase public and healthcare worker awareness of healthcare associated infections

Objectives of the Indiana Healthcare Associated Infection Initiative are to:

- Create a State Plan for Healthcare Associated Infections
- Develop and implement a healthcare associated infections surveillance and reporting system
- Develop and implement a healthcare associated infections prevention initiative

The Indiana Healthcare Associated Infection Initiative Collaborative Team will consist of the following planning teams contributing to the development of the State Plan:

- Healthcare associated infection program infrastructure
- State epidemiology and laboratory improvement
- Surveillance and reporting of healthcare associated infections
- Prevention of healthcare associated infections
- Evaluation and communication of the healthcare associated infections prevention system

Process outcomes for the Indiana Healthcare Associated Infection Initiative include:

- Identification of and focus on the essential elements of healthcare associated infection prevention
- Identification of and focus on components of the healthcare associated infection prevention system

Indiana Plan for the Prevention of Healthcare Associated Infections 2010

The Health and Human Services (HHS) Action Plan to Prevent Healthcare Associated Infections (HAIs) represents a culmination of several months of deliberation by subject matter experts across HHS to identify key actions in the prevention of healthcare associated infections. The initial version of the Action Plan was released in January 2009. Since that time, HHS solicited public comment, and the June 2009 revision to the Action Plan incorporates feedback received during this initial comment period. Links to the HHS Action Plan and State Plan Template are provided on the Indiana Healthcare Associated Infections Web page.

At part of the Initiative, the ISDH is developing an Indiana Plan for the Prevention of Healthcare Associated Infections. A preliminary Indiana Plan is scheduled to be completed by January 1, 2010. The final Indiana Plan will be completed by June 30, 2010. Links to the Indiana Plan are provided on the Indiana Healthcare Associated Infections Resource Center page.

State Collaborative Team

A state collaborative team was assembled in November 2009 to assist the ISDH in planning the initiative. The collaborative team includes stakeholders in the prevention of healthcare associated infections. The ISDH expects additional groups and individuals to be added as the initiative progresses. The collaborative team includes:

Association of Professionals in Infection Control & Epidemiology, Washington DC – Leslie Kretzu
Bingham McHale LLP – Melissa Wray
Community Health Network – Kathy Zoppi
Health Care Excel –Kathy Hybarger; Rebecca Royer
Hoosier Owners and Providers for the Elderly – Becky Bartle
Indiana Association for Home & Hospice Care – Todd Stallings; Jean Macdonald
Indiana Association of Professionals in Infection Control – Bridget Brizek, Laurie Fish (Clarian Health), Carol Kellams (Hancock Regional Hospital)
Indiana Hospital Association – Evelyn Catt, Bernice Ulrich
Indiana Patient Safety Center – Betsy Lee
Indiana State Department of Health – Terry Whitson
Division of Acute Care – Mary Azbill
Division of Health Care Education and Quality - Nancy Adams; Gina Berkshire,
Division of Long Term Care – Karen Powers
Division of Program Development and Quality Initiatives - Burton Garten
State Laboratory - Judy Lovchik
Epidemiology Resource Center - Pam Pontones, Wayne Staggs, Jean Svendsen,
Indiana University Center for Health Services and Outcomes Research, Regenstrief Institute – Dr. Brad Doebbeling
Indiana University School of Nursing – Jan Ward
United Senior Action Foundation – Robyn Grant
University of Indianapolis Center for Aging and Community – Ellen Miller; Lidia Dubicki
Wishard Hospital – Debra Fawcett

The ISDH is also assembling a team of physicians specializing in infectious diseases to assist in developing the State Plan and Initiative. Those individuals will be identified in the coming months as the initiative progresses.

The Prevention Initiative

In 2008, the ISDH and its collaborative partners put together a prevention initiative to address pressure ulcers. The Indiana Healthcare Associated Infection Initiative will be structured in a similar model. The Initiative will utilize a collaborative model. The Initiative intends to provide evidence-based best practices to participating facilities, agencies, and centers. Clinical and medical experts in the assessment and treatment of healthcare associated infections will provide education and training, consultation and technical assistance throughout the initiative.

The prevention initiative phase will likely begin in the late summer of 2010. The ISDH hopes to include over 80 participating facilities and agencies. The initiative will include hospitals, nursing homes, and home health agencies. It may also include ambulatory surgery centers and dialysis clinics. The prevention initiative phase will last for 12-15 months and conclude in the fall of 2011.

This initiative is planning to include many activities and resources. The following are a few of the resources scheduled to be provided to participants through the initiative:

- Participating facilities will receive a tool kit that included assessment and coordination tools.
- Participating facilities will be provided onsite technical assistance in implementing the initiative.
- Three one-day implementation (learning) meetings with expert faculty will be provided for representatives of participating facilities to discuss best practices, experiences, and identify solutions.

Description of Indiana Healthcare Associated Infection Initiative

The following are the scheduled activities and events of the initiative. Additional activities and events will be added as the initiative progresses.

- January 2009: U.S. Department of Health and Human Services announced plans for a healthcare associated infection initiative
- June 2009: Grant process was announced by CDC and the ISDH submitted a proposal
- September 2, 2009: ISDH was awarded a grant
- November 2009: ISDH selected the University of Indianapolis Center for Aging & Community to assist in coordinating the development of the Indiana Plan
- November 2009: Collaborative team formed to begin planning the initiative with first meeting held on November 20. Monthly team meetings will be held throughout the initiative.
- December 15, 2009: Indiana Healthcare Associated Infection Resource Center released on the ISDH Web site
- December 31, 2009: Preliminary State Plan for the Prevention of Healthcare Associated Infections 2010 completed and sent to CDC
- March 2, 2009: Health Care Quality Leadership Conference to be held in Indianapolis as kickoff to the Indiana Healthcare Associated Infection Initiative

Updated: December 14, 2009