



Healthcare-Associated Infections (HAI) Prevention Collaborative

In 2010, the Oregon Patient Safety Commission developed the Oregon HAI Prevention Collaborative in partnership with the Oregon Health Authority, Acumentra Health, and the Oregon Association of Hospitals and Health Systems with funding from the Centers for Disease Control and Prevention. This Collaborative included nine hospitals from across Oregon working together to reduce HAIs including central line-associated bloodstream infections (CLABSIs), surgical site infections (SSIs), and Clostridium difficile infections (CDI) in their care settings.

Collaborative Dates

June 2010 through July 2011 with an extension option through December 2011 for interested facilities

Collaborative Structure

The Collaborative included a) learning sessions for all participants to learn best practices together and share strategies, b) conference calls and webinars to provide additional content and help participants remain connected between meetings, and c) site visits to provide expert consultation to teams and leaders while ensuring continued progress.

Recommended Strategies

Collaborative participants received education and resources on targeted interventions for specific HAIs such as CLABSIs, SSIs, and CDI, as well as fundamental strategies for preventing HAIs such as hand hygiene, environmental cleaning, and antimicrobial stewardship. Participants identified and implemented the strategies most applicable to their care settings. Recommended strategies included:

- **For CLABSI prevention** remove unnecessary lines, thoroughly wash hands before procedures, use maximum barrier precautions, clean the patient’s skin with chlorhexidine, and avoid femoral lines
- **For pre-operative SSI prevention** use appropriate antimicrobial prophylaxis, treat remote infections, and use appropriate skin preparation (including hair removal only if necessary)
- **For post-operative SSI prevention** use sterile wound dressing for 24-48 hours, and discontinuation of antibiotics within 24-48 hours

Collaborative Participants

- Columbia Memorial Hospital
- Good Samaritan Regional Medical Center
- Oregon Health & Science University
- Providence Portland Medical Center
- Rogue Regional Medical Center
- Silverton Hospital
- Sky Lakes Medical Center
- St. Anthony Hospital
- St. Charles– Madras

oregonpatientsafety.org
 info@oregonpatientsafety.org
 503-928-6158

Outcomes

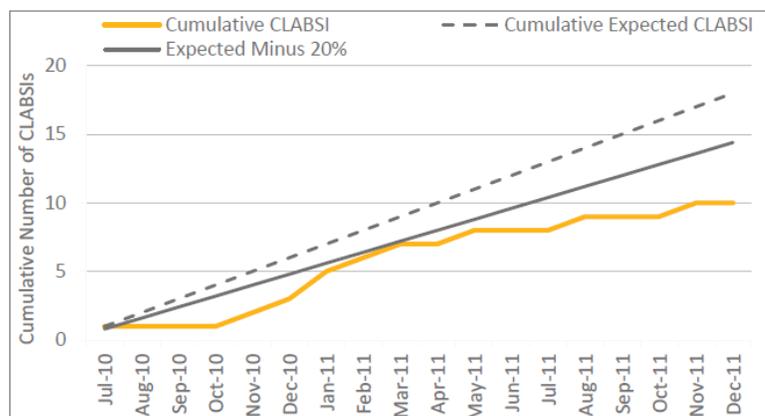


Figure 1: Cumulative CLABSI Graph

During the Collaborative, participating facilities were able to:

- Reduce CLABSIs by 44%
- Reduce SSIs by 52%
- Enhance cultural competency by implementing the Comprehensive-unit Based Safety Program (CUSP)