

Overview

The Ohio Patient Safety Institute (OPSI) is pleased to announce that the Agency for Healthcare Research and Quality (AHRQ) selected Ohio as one of 10 states to participate in a national initiative to reduce central line associated blood stream infections (CLABSI). The project goals are:

- to replicate the success of the Michigan Keystone/John Hopkins project to reduce the mean CLABSI rate within Ohio to less than one per 1,000 catheter days in participating hospitals by implementing the Comprehensive Unit-based Safety Program (CUSP);
- to improve safety culture by 50 percent in participating hospitals, create educational modules regarding CUSP and
- to develop a statewide model for implementing and disseminating patient safety initiatives throughout the state.

This two-year project is led by the Health Research & Educational Trust (HRET) in collaboration with the Johns Hopkins University Quality & Safety Research Group (JHU) and the Keystone Center for Patient Safety and Quality of the Michigan Health & Hospital Association (MHA).

Benefits to Participating Unit Teams

Every individual hospital unit team will benefit from participating in the evidence-based CUSP and CLABSI reduction program. Each participating hospital team will learn how to apply the CUSP program and CLABSI-reduction tools. This will include access to expert faculty over the course of two years. The Ohio Patient Safety Institute and the HRET-JHU-MHA program team will work with each Ohio hospital team(s) to replicate the success of Michigan hospitals.

This program is a quality improvement, in-service education program not subject to IRB requirements.

Specifically, each participating team will be provided with:

- CUSP and CLABSI reduction tools and training, including tools for multidisciplinary rounding, and use of daily goal sheets
- Quarterly reports on hospital performance compared to Ohio and national benchmark
- Ongoing support through two calls each month: one call devoted to educational content and one focused on Q&A and team coaching; starting in October 2009,
- A total of 3 educational conferences, the first in October 2009.
- Tools for measuring CLABSI and safety culture in patient care units.
- Expert faculty for conference calls and educational conferences.
- Detailed operations manual.

Even if you have achieved your goals in CLABSI reduction, this program could provide significant benefit to your units. Successful teams have experienced marked improvement in effective teamwork and patient safety culture; and an additional benefit has been substantial reduction in average length of stay and improvements in patient management.

Overview of the Six Elements of CUSP

- Evaluate safety culture using AHRQ's Hospital Survey on Patient Safety (HSOPS) Culture (at baseline, end of year one and end of year two)
- Educate staff on the science of safety.

- Identify defects in care.
- Commit to executive partnership.
- Learn from one defect per month and implement one culture improvement tool.
- Re-measure culture annually using HSOPS and submit all culture data to AHRQ benchmarking database.

Overview of the Five Interventions for CLABSI

- Educate staff on evidence-based practices to reduce CLABSI.
- Implement a checklist to ensure compliance with these practices.
- Empower nurses to ensure compliance with the checklist.
- Provide feedback on infection rates to hospitals and at the unit level.
- Implement monthly team meetings to assess progress.

Requirements for Participating Units

There will be no charge to hospitals for the in-service programs, including consultation and coaching by an expert faculty.

As part of the program, participating units will commit to the following:

- Participating hospital provides a commitment letter from the hospital CEO to the **Ohio Patient Safety Institute by June 30**
- Each unit identifies a project team leader, typically nurse manager
- Each unit identifies a project team that includes, at a minimum:
 - Physician champion (10% effort)
 - Nurse manager/champion, if not the project leader (10-20% effort)
 - Data collector
 - Hospital executive champion
- Participate in weekly teleconference calls for the first two months of the collaborative (July/August)
- Each unit submits baseline and monthly CLABSI data.
- Ohio CLABSI data will be shared among Ohio collaborative participants for benchmarking purposes and to promote improvement. However, individual Ohio hospital data will not be shared with other state participants and only blinded data will be provided.
- Each unit submits monthly one-page Team Check-up Tool (information about patient safety and teamwork)
- Unit team members complete the AHRQ culture survey, Hospital Survey on Patient Safety Culture, at program onset and approximately 18 months later, with at least a 60% response rate from each unit
- Each unit team participates in two project conference calls a month (the first call is on content; the second focuses on coaching and peer learning)
- Each unit team attends two in-state face-to-face meetings in the first year of implementation, and one in-state face-to-face meeting in the second (and last) years
- Unit team implements the improvement tools that are part of the project
- Unit team shares improvement tools with collaborative hospitals
- Each unit team holds monthly meetings to review data results and apply CUSP improvement tools, e.g., Learn from a Defect and review Team Checkup results.

Contact

All hospitals interested in participating should contact **Chanda Dicke** as soon as possible at either opsi@ohanet.org or 614.221.7614