



“Mastering MRSA and MDROs” Charter

The “Mastering MRSA and MDROs” Collaborative will involve a group of hospitals from across Oklahoma working together and individually to test *system changes* aimed at effective implementation of MRSA prevention and control methods that will sustain the test of time.

PURPOSE

The purpose of this collaborative is to reduce MRSA infections by assisting health care facilities to develop efficient methods to collect MRSA data. The Collaborative participants will use existing scientific evidence to implement and evaluate strategies to reduce incidence and spread of health care-acquired MRSA and MDROs in their hospitals. A strategy of the Collaborative includes sharing ideas from people across the state working on the same issue.

OFMQ is patterning the “Mastering MRSA and MDROs” Collaborative on the Institute for Healthcare Improvement’s (IHI) Breakthrough Series Collaborative model. This offers a systematic approach to healthcare quality improvement in which organizations and providers test and measure practice innovations, then share their experiences in an effort to accelerate learning and widespread implementation of best practices. Both national and local infectious disease experts will present state-of-the-art, evidence-based methods of reducing the incidence and containing the spread of MRSA and MDROs.

This collaborative includes four components:

- Pre-work activities
- Three formal Learning Session conferences
- Action Periods between the conferences
- Outcomes Congress

The collaborative will take place between December 2008 and October 2009. Once a hospital team registers, OFMQ will arrange for the team’s participation in a conference call to outline the team’s pre-work activities, which will be accomplished prior to the first Learning Session in January. Between each formal Learning Session,

teams will participate in the Action Periods by working within their own organizations to test and implement change strategies. Teams may share the results of their improvement efforts at learning sessions, and participate in shared learning through an electronic e-mail list and regular conference calls. An Outcomes Congress, where teams may publicly share their findings and celebrate their achievements, will take place in October 2009.

GOALS AND OBJECTIVES

The overall goal of the collaborative is to decrease the rate of health care-associated MRSA infections and transmission per 1,000 patient days by 40 percent in the participating facilities.

To accomplish our goal, the following objectives have been defined:

- Create, develop and share strategies used in our facilities to reduce incidence and transmission rates of MRSA.
- Promote national standards and best practices regarding infection prevention activities.
- Create and share MRSA educational materials for patients and providers.
- Appropriate follow-up care for patients identified as colonized or infected with MRSA in the course of inpatient screening programs.
- Report MRSA metrics for one ICU unit to the NHSN/MDRO module (once the CDC has released the MDRO module.)

METHODS

Collaborative methods include:

Education: Learning Sessions will facilitate knowledge transfer and foster implementation of guideline standards. Teleconference calls, e-mailings and a Web site will support the dissemination of materials to participating facilities. A mentoring program is one method to foster ongoing support among peers.

Data collection and analysis: Hospitals will collect data on HAI MRSA using standard definitions and methodology. Data will be collected on only one (1) ICU unit from

baseline to project completion. The hospital will select interventions that can be potentially successful using rapid cycle PDSA techniques. Possible interventions are suggested in the change packet that will be available prior to the first Learning Session.

TeamSTEPPS is a teamwork system designed to improve quality, safety and efficiency of healthcare. TeamSTEPPS was developed by the Department of Defense (DoD) Patient Safety Program, in collaboration with the Agency for Healthcare Research and Quality (AHRQ). The goal of TeamSTEPPS is to produce highly effective medical teams that optimize the use of information, people and resources to achieve the best clinical outcomes for their patients. TeamSTEPPS is scientifically rooted in over 20 years of research and lessons learned from the application of teamwork principles in High-Reliability Organizations (HROs). Human factors research has shown that even highly skilled, motivated professionals are vulnerable to error due to inherent human limitations. HROs have learned that teams of individuals who communicate effectively, and back each other up, compensate for individual fallibility and dramatically reduce the consequences of inevitable human error, resulting in enhanced safety and improved performance throughout the facility. OFMQ has Master Trainers to teach your staff and coach your hospital to implement this program.

EXPECTATIONS

The Collaborative Steering Committee and faculty will:

- Plan and implement the Collaborative.
- Provide education from national and local topic experts.
- Provide information on subject matter, application of that subject matter, and methods for process improvement, both during and between learning sessions.
- Offer coaching to teams.
- Provide communication venues for shared learning.
- Provide summary information on the status of teams.
- Assess progress and provide feedback to teams.
- Maintain and safeguard the confidentiality of privileged data or information that can be used to identify an individual patient, practitioner, hospital, facility,

health plan or patient population— whether written, photographed, or electronically recorded and whether generated or acquired by the team.

- Provide Learning Certificates to attendees.

Collaborative hospitals will:

- Perform pre-work activities as outlined in these materials in a timely manner.
- Identify a senior leader to sponsor and actively support the team.
- Provide the resources to support the team, including resources necessary to attend Learning Sessions and staff time to devote to this effort.
- Participate in each Learning Session and the Outcomes Congress.
- Plan, design, test and implement strategies to reduce incidence and transmission.
- Share information with the other collaborative participants.
- Maintain and safeguard the confidentiality of privileged data or information that can be used to identify an individual patient, practitioner, hospital, facility, health plan or patient population— whether written, photographed, or electronically recorded and whether generated or acquired by the team.

SCHEDULE

The schedule of events for the Collaborative is as follows:

Pre-work.....	December 2008-January 2009
Learning Session 1.....	Jan. 14, 2009
Action Period 1.....	January-April 2009
Learning Session 2.....	April 8, 2009
Action Period 2.....	April– July 2009
Learning Session 3.....	July 8, 2009
Action Period 3.....	July – October 2009
Outcomes Congress...	Oct. 21, 2009

Pre-work is the period between registration and Learning Session 1. During this time, the hospital has several tasks to prepare for the collaborative experience. These activities are described in the *Pre-work Activities* section.

Learning sessions are the major interactive events of the collaborative. They are full-day events, scheduled from 8 a.m. to 5:00 p.m. Through plenary sessions, small group discussions and team meetings, attendees have the opportunity to:

- Interact with and learn from national topic experts, who will present current scientific information
- Learn from collaborative faculty and colleagues
- Receive individual coaching and technical assistance
- Gather knowledge on the subject matter
- Problem-solve barriers

Action Periods are the times between Learning Sessions. During these periods, hospital teams work within their organizations to test and implement changes aimed at identifying and managing MRSA infections and transmissions. Teams will share the results of their efforts in progress reports and also through an electronic e-mail list. The collaborative experience also includes scheduled conference calls during the Action Periods and may include Web-based learning opportunities as needed. Participation in Action Periods is not limited to those who attend the learning sessions. The participation of other team members and supporters in the hospital is also encouraged and expected.

The *Outcomes Congress* is an opportunity for the collaborative participants to share findings and achievements, highlight the accomplishments of the teams, and present both individual hospital and Collaborative group results which contribute to reducing the incidence and spread of MRSA and MDRO. At least one leadership site visit to each participating facility will be made by select members of the Collaborative Steering Committee during the course of the collaborative.

We look forward to working with each of you!