



Learning Session 1 of HSAG's Arizona MRSA Improvement Project was held at HSAG's Carter Marshall Conference Center on February 12, 2009. Materials from the Learning Session are available at http://www.hsag.com/projects/safety_hospitals/MRSA_LS1.asp. Below are meeting highlights and links to resources.

Meeting Objectives:

- Introduce MRSA teams and individual team members.
- Introduce the value of guiding principles and leadership engagement in eliminating MDROs in hospitals.
- Introduce and identify components of TeamSTEPPS training.
- Review team options related to completion of the Agency for Healthcare Research and Quality (AHRQ) Hospital Survey on Patient Safety Culture (HSPSC).

From Dr. Pitluk's opening remarks:

- According to data from 2005:
 - 94,000+ invasive MRSA infections in population
 - 19,000 (approx) died (18%) during initial hospitalization
 - 86% of invasive MRSA cases were from exposures to hospitals or health care settings

From Suzanne Anders' discussion on the CDC's MDRO Data Collection:

- Organizations should use the paper data collection tools until the MDRO module is released by the CDC.
- Abstraction guidelines for the MDRO module can be found at: http://www.cdc.gov/ncidod/dhqp/nhsn_instruct_MDRO_CDAD.html

Following Dr. Silvey's presentation, *The Value of Guiding Principles and Leadership Engagement*, Learning Session participants identified the following Guiding Principles elements related to hospital MRSA activities:

- Knowledge
 - Electronic tagging
 - Patient location
 - EMR—documentation of isolation
 - Computer-based training (on hire, annually, remedial)
 - MRSA is a MDRO; all MDROs are treated equally:
 - Contact precautions & symptoms for active infection only (phase one approach) (based upon results)
 - Physician suspicion of MRSA
 - Standard precaution for colonization
- Team Work
 - Handouts for patients and visitors
 - PPE is available for all
 - Everyone is responsible
 - Accountable for risky behavior

- Isolation status is shared when patient is transported
- Management support of process for accountability
- Hygiene
 - Cohorting
 - Environment—computer keyboards, common touched surfaces
 - Hands & equipment
 - Glow gel for effectiveness of hand washing
- Supplies
 - PPE is available
 - Private rooms
- Data Collection
 - EMR—documentation of isolation
 - Track healthcare associated infections
 - Results available for everyone to see

In a second group activity after Dr. Silvey’s presentation, Learning Session participants identified these examples of Leadership/Physician Engagement related to MRSA activities:

- Physician reporting of risky behaviors within the ICU
- CEOs requesting information from directors about processes and results of MDRO-reducing activities
- Physician attendance at IC meetings
- Review and recommendations regarding Ventilator-Associated Pneumonia bundles
- Physician peer-to-peer discussions regarding data results

From Suzanne Anders’ *Overview of TeamSTEPPS*:

- TeamSTEPPS includes the **S**trategies and **T**ools to **E**nhance **P**erformance and **P**atient **S**afety
- The TeamSTEPPS initiative is based on evidence derived from team performance—leveraging more than 25 years of research in military, aviation, nuclear power, business, and industry—to acquire team competencies.
- Team performance is affected by the team members’ attitudes, skills and behaviors, clinical knowledge, and critical thinking ability. TeamSTEPPS addresses all of these dimensions through Leadership, Situation Monitoring, Mutual Support, and Communication.
- HSAG is willing to provide TeamSTEPPS training to hospitals participating in the MRSA Improvement Project.

MRSA Learning Session 1 Follow-Up Actions

- HSAG to notify hospitals if the start date for data collection is delayed (as of 2-20-09 there are no changes from CMS).
- HSAG will investigate training available for the MDRO module.
- HSAG will submit questions to the CDC on behalf of the Arizona MRSA Improvement Project.

MARK YOUR CALENDAR for the NEXT MEETING DATE

May 18, 2009, 10:00 a.m. to 2:00 p.m.
University Medical Center, Tucson

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