

Fast Facts

Arizona MRSA & Surgical Care Improvement Projects: Combined Learning Session

A combined Learning Session for the Arizona MRSA Project and Surgical Care Improvement Project was held at John C. Lincoln Hospital on September 2, 2010. Materials from the Learning Session will be available after September 7 at <http://www.hsag.com/azhospitals/scip/events.aspx> and <http://www.hsag.com/azhospitals/mrsa/events.aspx>.

Meeting Objectives:

- Describe current challenges in implementing evidence-based practices (EBPs).
- Gain a new appreciation of the evidentiary dynamic—specifically, the inter-relationships between research evidence and field evidence.
- To learn the role of antimicrobial stewardship in today's health-system practice.
- To utilize the principles of antimicrobial stewardship to incorporate evidence-based medicine into daily practice.
- To employ strategies to create an effective evidence-based stewardship team.
- Review comparative SCIP data.

Meeting Highlights

- Kathy Malloch, PhD, MBA, RN, FAAN, assisted participants to better understand the world of evidence-based practice (EBP). Dr. Malloch laid the foundation for the need of EBP by describing the costs of medical errors that could be attributed to the lack of EBP within an organization. For example, the cost to a hospital for treating a (preventable) central-line infection is \$83,365. Dr. Malloch discussed the need to create an EBP infrastructure within an organization. She went on to describe how the flow of evidence is unidirectional: there is not an apparent loop connecting process evidence to outcome results. Dr. Malloch challenged the group to develop outcome measures for the process measures mandated by CMS.
- Michael A. Dietrich, PharmD, BCPS, Associate Professor of Pharmacy Practice at Midwestern University College of Pharmacy, presented information on creating an evidence-based antibiotic stewardship team. Dr. Dietrich stressed that these teams are becoming more and more popular, as they can decrease pharmacotherapy costs. The principles behind the team development included:
 - The need for leadership support.
 - The right members on the team.
 - Clearly defined team responsibilities, accountabilities, and goals.
 - The need for a supportive physician champion.Dr. Dietrich encouraged participants to implement teams using a PDSA cycle of improvement.
- Charlie Chapin, MS, CHCA, the Executive Director of Patient Safety for HSAG, presented first and second quarter 2010 comparative SCIP data. First quarter results revealed that collaborative participants surpassed state and national results for a majority of the measures. Mr. Chapin also presented data about the rate of improvement for collaborative participants. The percentage of change for collaborative participants since 2007 surpassed state and national improvement in all measures. The challenge before participants will be to sustain the momentum they have achieved.

LOOK FOR A FUTURE NOTICE REGARDING THE NEXT LEARNING SESSION.