

## Community-Based Antimicrobial Stewardship

CareFusion hosted an invited conference on November 8-9, 2012, in San Diego. Vikas Gupta, PharmD, BCPS Director, Clinical Product Development, says, “This conference was inspiring for both the CareFusion Safety Center team and invited participants from across the United States. We focused on community-based antimicrobial stewardship programs (CASPs) and discussed how to develop and implement a CASP. Participants emphasized pragmatic approaches for identifying constituencies and obtaining their support. The educational value was incredible, with participants eager to continue networking and to link to other groups.”

### Participants

- Baton Rouge General Health System, Baton Rouge, LA: *Robert Aucoin*, PharmD
- California Department of Public Health, Richmond, CA: *Kavita K. Trivedi*, MD (via web), Healthcare Associated Infections Program
- Indiana University Health, Indianapolis, IN, *David W. Smith*, PharmD, BCPS AQ ID, and *Douglas Webb*, MD
- San Diego, CA
  - *Mark Parmenter*, PharmD, Scripps Health
  - *Albert Rizos*, PharmD, Sharp Healthcare
- St. Joseph's/Candler Health System, Inc., Savannah, GA
  - *Nenad Avramovski*, MD and *Geneen M. Gibson*, PharmD, MS, BCPS AQ-ID,
- Tulane University School of Medicine, New Orleans, LA: *MarkAlain Dery*, DO, MPH,

### Expert Presentations and Discussion

Each presentation was followed by a lively discussion. Gibson and Avramovski described the development and implementation of a CASP in Savannah. Aucoin and Dery shared their experience in Baton Rouge. Trivedi explained the California Initiative. The group discussed the key and important components and constituencies, barriers to developing and implementing a CASP, and how to overcome barriers involving multiple institutions, physicians, and other healthcare environments. Participants identified supportive data, especially how to select relevant data and target it to different audiences. They emphasized the importance of establishing goals and targets for important constituencies. They talked about how CASP fits into healthcare reform, and the involvement of outpatient infusion centers or other infusion environments. Finally, participants discussed grant opportunities, pilot communities, and networking.

### Future Plans

Participants agreed to continue networking with each other and to identify ways to share their experience with others. Participants plan to prepare a manuscript with practical

information that will be of interest to healthcare professionals interested in developing and implementing a CASP.

### **Key References**

- California is the first state to mandate antimicrobial stewardship. Activities include assisting efforts to develop programs, providing data to obtain administrative support, and developing regional collaborations.
  - California Antimicrobial Stewardship Program Initiative  
<http://www.cdph.ca.gov/programs/hai/Pages/AntimicrobialStewardshipProgramInitiative.aspx>
  - Goldstein EJC, Trivedi KK. Antimicrobial stewardship. The view from California. *Infect Dis Clin Pract* 2012;20(4):294-6.
- The Centers for Disease Control and Prevention (CDC) provide a wealth of resources about antimicrobial stewardship, including success stories.
  - Get Smart for Healthcare. Implementing and improving stewardship efforts.  
<http://www.cdc.gov/getsmart/healthcare/improve-efforts/index.html>
- A stepwise approach is recommended for implementing an antimicrobial stewardship program.
  - Tamma PD, Cosgrove SE. *Infect Dis Clin N Am* 2011;25;245-60.