Proposed Session Title: Antimicrobial Stewardship Programs: An Evolution in Progress

SUBMITTER INFORMATION

Name: Douglas Slain, Pharm.D., BCPS

Primary Position
Associate Professor, West Virginia University, Morgantown, WV

Educational Program Planning Experience:

Expertise/Qualifications in the topic area:
Doug Slain Clinical Experience: Part of my Clinical duties are to be the Infectious Diseases Clinical Specialist in our multidisciplinary Antibiotic Stewardship program. Invited to present highlights from our program at a regional dinner meeting: The WVU Experience. Stewardship Tactics for Antimicrobial Resistance Trends (START Program). Pittsburgh, PA. August 24, 2007. I have also been an investigator on a few studies that came from our

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FINANCIAL RELATIONSHIPS

In the past 24 months, have you had a financial relationship with any kind and in any amount with an SII-defined ineligible company? No

NEEDS ASSESSMENT

Brief description and overall purpose of this educational session:
Antimicrobial Stewardship programs are still evolving in an effort to keep pace with antimicrobial resistance and high antimicrobial expenditures. Pharmacists are becoming increasingly involved in stewardship efforts because of the increased demand by hospitals to develop and maintain such programs. Participation in stewardship programs is not limited to infectious diseases-trained pharmacists. Other practitioners and administrators need to understand the workings of stewardship programs for their success. The purpose of this program will be to take a critical look at the development of antimicrobial stewardship programs and to provide the participants with advice on implementation and evaluation. The first session will review the background and history of the development of antimicrobial stewardship programs. In particular, evidence from key studies will be addressed. The second speaker will address implementation of stewardship programs in smaller hospitals.

Steward

Target Audience: Pharmacist

Describe the practice gap(s) that this session will address: An increasing number of hospitals are in the midst of developing antimicrobial stewardship programs. Many of them are hospitals with < 400 beds. These hospitals often lack experienced personnel to implement new stewardship programs. Many of these programs rely on non-infectious diseases-trained pharmacists. This program intends to help pharmacists understand what has worked at other institutions and how to measure and assess the outcomes associated with stewardship.

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Name of expert, guideline, research, etc.: IDSA- SHEA Guidelines Clin Infect Dis 2007;44:159-77.

What the expert, guideline, or research says that supports the need: The role of the ID trained Pharmacist is clear. Non-ID pharmacists will need additional guidance.

SESSION DEVELOPMENT

Activity Type: Application-based: Designed primarily for participants to apply the information learned in the allotted timeframe.

Learning Objectives

1. List the key tenets and supporting evidence in published stewardship guidelines
   
   Active Learning Strategy: Audience polling
   
   Learning Assessment: Discussion poll results from expert opinion and guidelines

2. Describe three components of an antibiogram necessary to conform to Clinical and Laboratory Standards Institutes guidelines
   
   Active Learning Strategy: Vignettes with questions
   
   Learning Assessment: Solutions with evidence and expert opinion

3. Explain how to calculate one metric example: days of therapy of defined daily doses per 1000 patient-days.
   
   Active Learning Strategy: Calculation example
   
   Learning Assessment: Solutions with evidence and expert opinion

   
   Active Learning Strategy: Audience questions
   
   Learning Assessment: Solutions with evidence and expert opinion

Length of Session: 2 Hours

😊 Attendees want sessions that are practical with a focus on what can be applied at their practice now.

😊 Use higher-level objectives: “differentiate” or “analyze” compared to “identify” or “list.” Use the latter objectives sparingly if the session is application-based.

😊 The active learning is detailed and thorough and shows that the Program Chair has given thought to the activities for the session. The examples given are specific, not vague, and reflect the actual educational content that is planned.

😊 Cases, scenarios, and practice examples are highly effective. Providing participants with feedback is essential.

Traditional Q&A and Panel Discussions do NOT qualify as active learning and reveal that the Program Chair does NOT have a grasp of effective adult learning strategies. [ASHP provides guidance on this in the proposal preparation documents.]
**Educational Level of Content:** Advanced: General working knowledge of the specific content area suggested, information will be provided to expand current expertise.

**Session Outline:**

<table>
<thead>
<tr>
<th>TOPIC</th>
<th>TIME ALLOTTED</th>
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<tbody>
<tr>
<td>Announcements</td>
<td>5 min</td>
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<tr>
<td>Antimicrobial Stewardship Programs: How good is the data?</td>
<td>35 min</td>
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<tr>
<td>Antibiotic stewardship in a &quot;nontraditional&quot; setting</td>
<td>30 min</td>
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<tr>
<td>Metrics of Antimicrobial Stewardship</td>
<td>40 min</td>
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<tr>
<td>Questions, Answers, &amp; Discussion</td>
<td>10 min</td>
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**Practice Interest Areas / Keywords:** Clinical Service Management, Critical Care, Drug-Use Evaluation, General Clinical Practice, Infectious Diseases

**PROPOSED SPEAKERS**

**Will you be a speaker?** yes

**Proposed Speaker:** Douglas Slain, Pharm.D., BCPS

**Primary Position**
Associate Professor, West Virginia University, Morgantown, WV

**Proposed Speaker:** Keith Teelucksingh, Pharm.D.

**Primary Position**  
Infectious Diseases Clinical Pharmacist, Kaiser Permanente- Oakland Medical Center, Oakland, CA

**Qualifications:** A former resident of Dr. MacDougall. Although a young practitioner, his daily work is on antibiotic stewardship. He has also developed scholarly work on antibiotic stewardship.

**Proposed Speaker:** Conan MacDougall, Pharm.D., M.A.S., BCPS

**Primary Position**  
Associate Professor, UCSF, San Francisco, CA


😊 Attendees want speakers who are practicing (pharmacists, MDs, RNs, CEOs, etc.), are experts on the content, and present effectively.