



# Antimicrobial Stewardship

## Focus on Lower Respiratory Tract Infections and the Role of the Pharmacist

### Pre-Congress Symposium

### Held in Conjunction with The GCC Pharmacy Congress

Dubai, United Arab Emirates \* Sunday, October 30, 2016 \* 9:00 a.m.–5:00 p.m.

#### TARGET AUDIENCE

Pharmacists, health care professionals, and health system administrators

#### SYMPOSIUM GOAL

Symposium goal is to illustrate pharmacist services that contribute to optimal antibiotic use and provide an update on contemporary management of lower respiratory tract infections.

#### SYMPOSIUM LEARNING OBJECTIVES

1. Identify common pathogens associated with lower respiratory tract infections
2. Discuss the mechanisms of antimicrobial resistance
3. Select evidence-based antimicrobial therapy for patients with lower respiratory tract infections
4. Identify pharmacist-led antimicrobial stewardship strategies to improve antimicrobial use

#### FACULTY



#### **Wafa Y. Dahdal, Pharm.D., BCPS**

Director of International Programs & Associate Director of Professional Development  
American College of Clinical Pharmacy



#### **Michael B. Kays, Pharm.D., FCCP**

Associate Professor  
Department of Pharmacy Practice  
Purdue University College of Pharmacy

#### FACULTY DISCLOSURES

Dr. Dahdal and Dr. Kays have no relevant affiliations or financial relationships with commercial interest to disclose.

#### AGENDA AND LEARNING OBJECTIVES

- 9:00 a.m. **Welcome and Introduction**  
*Wafa Y. Dahdal, Pharm.D., BCPS*
1. Discuss the significance of antimicrobial resistance as a global concern
  2. Discuss the role of the pharmacist in promoting optimal use of antimicrobials
- 9:30 a.m. **Lower Respiratory Tract Infections: Overview of Assessment and Evidence-Based Empiric Therapy**  
*Michael B. Kays, Pharm.D., FCCP*
1. List the most common bacterial pathogens associated with community-acquired (CAP), hospital-acquired (HAP), healthcare-associated (HCAP), and ventilator-associated (VAP) pneumonia
  2. Classify the type and assess the severity of the clinical presentation of a patient presenting with pneumonia
  3. Given a patient case, recommend appropriate, evidence-based empiric antimicrobial therapy
- 10:30 a.m. **Coffee Break**
- 11:00 a.m. **Lower Respiratory Tract Infections: Tailoring Antimicrobial Therapy and Overcoming Resistance**  
*Michael B. Kays, Pharm.D., FCCP*
1. Compare and contrast the various antimicrobial agents used in the management of pneumonia
  2. Identify risk factors and mechanisms for the development of resistant bacterial pathogens associated with pneumonia
  3. Discuss strategies to effectively overcome antimicrobial resistance
  4. Given a patient case, devise a plan to optimize antimicrobial therapy for pneumonia associated with drug resistant organisms
- 12:30 p.m. **Prayer and Lunch**

- 1:30 p.m. **Pharmacist-Led Antimicrobial Stewardship Strategies**  
*Michael B. Kays, Pharm.D., FCCP*
1. Discuss advantages and barriers to the use of the various antimicrobial stewardship strategies
  2. Identify outcome measures to document the effectiveness of an antimicrobial stewardship program
  3. Given a particular scenario, select the most appropriate antimicrobial stewardship strategy to address an institution-specific concern
  4. Given a patient case, recommend the most appropriate antimicrobial stewardship strategy to ensure optimal management of pneumonia

3:00 p.m. **Coffee Break**

- 3:30 p.m. **Patient Cases**  
*Michael B. Kays, Pharm.D., FCCP*
- Given a patient case,
1. Provide an assessment of the patient's suspected lower respiratory tract infection
  2. Suggest initial empiric antimicrobial therapy considering all patient- and drug-specific factors
  3. Recommend the most appropriate antimicrobial therapeutic plan to ensure efficacy and minimize resistance

4:45 p.m. **Q&A Session**  
*Michael B. Kays, Pharm.D., FCCP*

5:00 p.m. **Closing Remarks and Adjournment**  
*Wafa Y. Dahdal, Pharm.D., BCPS*

#### CONTINUING PHARMACY EDUCATION CREDIT



The American College of Clinical Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education (CPE).

ACCP designates this activity for 6.0 CPE contact hours. Partial credit is not available for this activity.

**Type of Activity:** Application-based  
**Universal Activity Number:** 0217-0000-16-105-L01-P

To earn CPE credit for this activity, the participant must attend all 6.0 contact hours of programming, complete the associated evaluation, and claim credit at [www.accp.com/ce](http://www.accp.com/ce) by December 1, 2016.

To obtain a statement of credit for this activity, international participants must update their ACCP profile at [www.accp.com/myaccount/licensure.aspx](http://www.accp.com/myaccount/licensure.aspx) by checking the box "I am an international pharmacist, and do not have an NABP e-Profile ID." Participants with an NABP e-Profile ID on file with ACCP will obtain their statement of credit from [www.mycpemonitor.net](http://www.mycpemonitor.net).

#### CERTIFICATE OF ATTENDANCE

Certificates of attendance will be granted, at the conclusion of the activity, to participants taking part in the entire symposium.

For enquiries on the symposium, contact [IntlClinPharmacist@accp.com](mailto:IntlClinPharmacist@accp.com).

#### REGISTRATION

Registration fees are as follows:

	Regular Price	Onsite Price
<b>Registration fee</b>	US \$349	US \$399

Registration fee includes symposium book; opportunity to earn 6.0 CPE credit hours and a certificate of attendance issued to those meeting the criteria specified above; and two coffee breaks and lunch.

To register for the symposium and reserve your seat, visit [www.gccpharmacongress.com](http://www.gccpharmacongress.com).

#### CANCELLATION POLICY

- Registration cancellations must be notified in writing by email to the Maarefah's office in Dubai. Email: [info@gccpharmacongress.com](mailto:info@gccpharmacongress.com)
- Cancellations received 30 days prior to the event will receive a refund of the registration fees, less an administration charge of 100 USD of the fee.
- Cancellations made after, as well as 'no shows', are not eligible for a refund.
- Refunds will be processed 2 months after the event completion date.

#### COMMERCIAL SUPPORT

No commercial support has been received for this activity.

