



## 2023 KNOWLEDGE-BASED HOME-STUDY CE FOR PHARMACISTS AND PHARMACY TECHNICIANS

### Treatment options for the management of bacterial pneumonia in adults

**Speaker:** Joseph V. Etzel, Pharm.D., Associate Clinical Professor  
College of Pharmacy and Health Science, St. John's University, Queens, NY

Upon completion of this CE activity, the participant will be able to do the following:

#### Learning Objectives (for pharmacists):

- Distinguish between community-acquired and hospital-acquired pneumonia in terms of etiology and causative pathogens
- List the antibiotic regimens recommended for the empiric treatment of bacterial pneumonia in the ambulatory setting
- Discuss the current recommendations for the management of hospitalized patients with community-acquired pneumonia in non-critically ill patients
- Explain how the management of pneumonia differs in critically ill patients compared to those in the general medical ward
- Discuss the role of the pharmacist in optimizing antimicrobial therapy in patients with pneumonia.

#### Learning Objectives (for technicians):

- Distinguish between community-acquired and hospital-acquired pneumonia in terms of etiology and causative pathogens
- Name three antibiotics for the empiric treatment of bacterial pneumonia in the ambulatory setting
- Name three antibiotics for the management of hospitalized patients with community-acquired pneumonia in non-critically ill patients
- List adverse events associated with antibacterial agents for the treatment of pneumonia

#### **Accreditation Information:**

**ACPE UAN:** 0122-0000-23-079-H01-P/T

**CPE Credit Hours:** 1.0 hour (0.1 CEU) of home-study CE credit

**Release Date:** October 16, 2023

**Expiration Date:** October 16, 2024

**Sponsorship:** This program is conducted solely by Premier and has no commercial or non-commercial support or sponsorship.

**System Requirements to Access the Webcast:** [Click here](#) to view CE webcast system requirements for the learner to complete the online activity, including the internet browser(s) supported and minimum versions of each, and the minimum memory, storage, processor, and internet.

#### **How to obtain CE credit**

1. Log on to <https://ce.continuumofcare.premierinc.com>
2. Click on the icon that corresponds to this Home-Study CE activity
3. Register for that Home-Study CE activity (**IMPORTANT:** make sure to choose the program that corresponds to your profession, i.e., a pharmacist or a pharmacy technician)
4. View and listen to the recorded activity in its entirety
5. Complete both the learning assessment questions and the activity evaluation.



**Note:** A passing grade of 70% or better is required to receive CE credit. Three opportunities will be provided to successfully complete the post-test. Once all steps above are completed, participation will be provided to CPE Monitor.



Premier, Inc. is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This CE activity is provided as a free, value-added service to Premier Continuum of Care pharmacy staff.

### Speakers Bio:

**Joseph V. Etzel, Pharm.D.** is a double alumnus of St. John's University having earned his undergraduate degree in 1988 and Doctor of Pharmacy Degree in 1990. Following his graduate studies, he completed a residency focusing on infectious diseases and pharmacokinetics at Bassett Healthcare in Cooperstown, New York. He joined the faculty of the College of Pharmacy & Allied Health Professions in 1991 as a clinical faculty practitioner in the areas of Internal Medicine and Infectious Diseases. In 2001, he joined the Office of the Dean as Assistant Dean for Pharmacy Student Affairs and assumed the position of Associate Dean of Student Success in 2018. Dr. Etzel has over 60 publications in peer reviewed pharmacy and medical journals and has contributed to clinical case scenarios and clinical relevance section contributions to several textbooks. He has more than 250 professional presentations on the international, national, and local levels.