



Rational Antibiotic Use: A Primer (or “Bugs and Drugs”)

Activity Description:

Often, pharmacists serve as a primary resource for physicians when determining appropriate antibiotic use. This activity will assist you in optimizing patient outcomes through the effective use of antibacterials. Dr. Wall will discuss the basics of bacterial pathogens likely to cause human disease and the characteristics of the drugs used to treat them. The overall rational use of antibacterials to minimize resistance will be reviewed as well. Preceptor will receive valuable pearls that can be incorporated into their work with students via projects and student/preceptor interaction.

Learning Objectives:

Upon successful completion of this activity, pharmacists should be able to:

1. Classify common bacteria into one of 4 classes
2. Select an appropriate empiric antibiotic regimen, based on the site of infection and probable pathogen
3. Describe the common ADRs associated with antimicrobials
4. Apply the “Ten Rules of Antimicrobial Use” to aid in rational use of these drugs

Target Audience:

Pharmacists/Preceptors

Faculty:

Geoffrey Wall, Pharm.D., FCCP, BCPS, CGP

Assistant Professor, Pharmacy Practice, Drake University College of Pharmacy and Health Sciences

Clinical Assistant Professor, Pharmacology and Physiology, Des Moines University, College of Osteopathic Medicine

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Faculty Disclosure:

Dr. Geoff Wall reports he receives grant/research support and is an advisory committee member for TAP and is a speaker’s bureau member for Merck, Synofi and Ortho. The speaker has indicated that off-label use of medications will be discussed during this presentation.

CPE Credit:

To obtain 1.0 contact hour of continuing education credit (0.10 CEUs), please complete the exam and evaluation located in your online portfolio at www.theceinstitute.org. Upon achieving a passing grade of 70% on the exam and completion of the activity evaluation, you will have access to your CE Statement of Credit via the online portfolio.

CEI provides you with two (2) opportunities to complete the post-activity exam. You must receive a score of 70% or better to receive your CE Statement of Credit, which will be automatically generated. You may print this CE Statement of Credit; it will also be stored in your online CEI portfolio for you to retrieve a copy at any time.

Activity release date: 01/24/2009

Activity expiration date: 01/24/2012.

ACPE Logo and Statement:



The Collaborative Education Institute is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

The ACPE Universal Activity Number is #107-000-09-023-H01-P 0.10 CEUs/1.0 Hrs.

Activity Format and Requirements:

This program includes viewing the PowerPoint presentation while listening to the audio provided. You may print the handouts associated with this program prior to viewing. To ensure the highest quality program delivery, a reliable high-speed internet connection is required. You may experience problems with some wireless connections where signal strength is variable or low.

Financial Support:

This activity has no outside financial support associated with it.

Activity Fee:

An activity fee of \$20 will be assessed for grading the exam instrument and issuing the CE Statement of Credit.

If you would like to purchase this self-study activity, please close this window and proceed to REGISTER.