

## **Vancomycin Monitoring: The ABCs of AUCs**

---

**ACPE Activity Number:** 0204-0000-20-041-L01-P

**Activity Date:** October 26, 2020

**Activity Type:** Knowledge-based

**CE Credits:** 1.0 hours

**Activity Fee:** Free of charge

### **Accreditation for Pharmacists**

---



The American Society of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

### **Target Audience**

---

This continuing pharmacy education activity is designed for pharmacists responsible for the therapeutic monitoring of vancomycin.

### **Activity Overview**

---

The 2020 revisions to the ASHP/IDSA/SIDP/PIDS therapeutic monitoring for serious methicillin-resistant *Staphylococcus aureus* infections encourages use of the Bayesian method as an approach to monitor in order to optimize vancomycin therapy while minimizing toxicity. This represents a significant change in practice and may have many wondering just what the Bayesian method is. Join us for a webinar to discuss the basics of the Bayesian method and for suggestions for how to implement it in your practice.

### **Learning Objectives**

---

After participating in this CPE activity, participants should be able to:

- Discuss alternate approaches to calculation of the Vancomycin Area Under the Curve (AUC)
- Explain the rationale for using the Bayesian method for the therapeutic monitoring of serious methicillin-resistant *Staphylococcus aureus* infections
- Identify steps for transitioning from a monitoring approach using area under the curve over 24 hours to minimum inhibitory concentration estimates to the Bayesian method.

### **Schedule of Educational Activities**

---

- Introduction and Announcements
- Overview of new guidelines
- Bayesian method ABCs
- Questions, Answers, and Discussion

### **Faculty Information**

---

**Michael J. Rybak, Pharm.D., M.P.H., Ph.D.**

Professor of Pharmacy & Medicine

## Activity Announcement

Anti-Infective Research Laboratory  
Department of Pharmacy Practice  
Eugene Applebaum College of Pharmacy & Health Sciences  
Wayne State University  
Detroit, Michigan

**Amit Pai, Pharm.D.**

Chair, Department of Clinical Pharmacy, College of Pharmacy, and Professor of Clinical Pharmacy  
Clinical Pharmacy  
College of Pharmacy  
University of Michigan  
Ann Arbor, Michigan

**Anna Legreid Dopp, Pharm.D.**

Senior Director, Clinical Guidelines & Quality Improvement  
ASHP  
Bethesda, Maryland

## Disclosures

In accordance with the Accreditation Council for Continuing Medical Education's Standards for Commercial Support and the Accreditation Council for Pharmacy Education's Standards for Commercial Support, anyone in a position to control the content of an educational activity is required to disclose to the accredited provider their relevant financial relationships. An individual has a relevant financial relationship if he or she (or spouse/domestic partner) has a financial relationship in any amount occurring in the past 12 months with a commercial interest whose products or services are discussed in the activity content over which the individual has control. In accordance with these Standards, all potential conflicts of interest have been resolved.

As defined by ACCME, a commercial interest is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The Standards for Commercial Support do not consider providers of clinical service directly to patients to be commercial interests. The existence or non-existence of relevant financial relationships will be disclosed to the activity audience.

**All planners, program chairs, presenters, reviewers and ASHP staff report no financial relationships relevant to this activity.**

## Methods and CE Requirements

This activity consists of a one hour live webinar. Participants must participate in the entire activity to get the Attendance Code to claim continuing pharmacy education credit online at the ASHP eLearning Portal. Follow the prompts to complete the evaluation, claim credit, and view the statement of credit immediately after the activity within 60 days of the activity, but no later than December 25, 2020.

**Important Note – ACPE 60 Day Deadline:**

Per ACPE requirements, CPE credit must be claimed within 60 days of being earned. To verify that you have completed the required steps and to ensure your credits have been reported to CPE Monitor, check your NABP eProfile account to validate that your credits were transferred successfully before the ACPE 60-day deadline. After the 60 day deadline, ASHP will no longer be able to award credit for this activity.

## System Technical Requirements

System Requirements Courses and learning activities are delivered via your Web browser and Acrobat PDF. Users should have a basic comfort level using a computer and navigating web sites.



## Activity Announcement

View the [minimum technical and system requirements](#) for learning activities.