

# Members Obtain Free CE Credits from JCP Articles!



## ***Optimizing Vancomycin Use Through 2-Point AUC-Based Therapeutic Drug Monitoring in Pediatric Patients***

December 2019 – *The Journal of Clinical Pharmacology* (JCP)

### ***Why is this article important to you?***

Vancomycin is used as a first-line antibiotic to treat healthcare-associated infections with methicillin resistant *Staphylococcus aureus* (MRSA) and methicillin-resistant coagulase-negative *staphylococcus*. After the completion of this activity, learners will be able to understand how to apply pharmacokinetic equations to estimate vancomycin AUC<sub>24</sub> in children, especially in resource-limited settings where computerized- therapeutic drug monitoring services are not available.



### **Joint Accreditation Statement**

In support of improving patient care, the American College of Clinical Pharmacology® (ACCP) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE) and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

**UAN: 0238-0000-19-042-H05-P**– ACPE 1 Contact Hours

**Activity Type:** Knowledge-based **Format:** Home-study **Target Audience:** 'P'

Continuing Nursing Education: 1 Contact hours are awarded.

### **ACCME Designation Statement**

The Accreditation Council for Continuing Medical Education designates this Journal CE activity for 1 *AMA PRA Category 1™* credit. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### **Target Audience**

Interprofessional team of Physicians, Pharmacists, PhDs, Nurse Practitioners and Physician Assistants.

### **Learning Objectives**

After completing this activity, the learner will be able to:

1. Articulate the rationale for vancomycin therapeutic drug monitoring;
2. Explain when plasma samples should be collected for vancomycin therapeutic drug monitoring;
3. Identify when dose adjustment may not be necessary based on trough concentrations;
4. Understand the risk factors associated with vancomycin-associated nephrotoxicity.

### **Requirements to Receive Credit**

In order to receive continuing medical education (CME) or continuing pharmacy education (CPE) credit, the learner must register for the educational activity, study the provided journal article, complete the online learning Post-event Self-assessment as well as the online course Evaluation and CME/CPE Certificate. Credits and CME/CPE Certificates must be claimed within thirty (30) days of completing the article, Post-event Self-Assessment and Evaluation. Contact [CE@ACCP1.org](mailto:CE@ACCP1.org) with any questions.

**Disclosures:**

Article Selection: Joseph S. Bertino Jr, PharmD, FCP, FCCP, Editor-in-Chief, JCP and Owner, Bertino Consulting Inc. Nothing to disclose.

Planner: Ahmed A. Abulfathi, MBBS, MMed, FCCP, Univ of Maiduguri/Stellenbosch Univ, Clinical Pharmacology. Nothing to disclose.

CE Reviewer: Michael W. Jann, PharmD, Professor, Univ of North Texas System Coll of Pharmacy. Nothing to disclose.

**Schedule & Fees**

JCP monthly Journal CE articles are generally released on the 1<sup>st</sup> or 2<sup>nd</sup> Tuesday of each month. They are priced in packages of January to December for each year. Packages are available at no cost to ACCP Members and \$75/calendar year to Non-members. Once you register, you have access to all of the Journal CE articles for the calendar year.

**Acknowledgement of Financial Support**

No financial support was received for this educational activity.

**Home Study Initial Release and Expiration Dates**

**Date of Issuance:** 12/1/2019

**Expiration Date:** 12/31/2022

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**Helpful Tips**

Download the article and access the Self-assessment Post-test, Evaluation and Certificate [here](#).

Learn how to print your CME/CPE Certificate [here](#).

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