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The Effectiveness of a Vancomycin Dosing Guideline in the Neonatal Intensive Care Unit for Achieving Goal Therapeutic Trough Concentrations

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

Why is this article important to you?

Learners will be able to understand the use of population pharmacokinetics model to inform vancomycin dosing guideline development in neonates.



ACPE Accreditation Statement

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

UAN: 0238-0000-19-035-H01-P – ACPE 1 Contact Hours

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

ACCME Accreditation Statement

The American College of Clinical Pharmacology® is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

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. Explain why vancomycin therapeutic drug monitoring is required;
2. Explain the importance of vancomycin target concentrations;
3. Explain the critical factors that influence vancomycin clearance;
4. Understand the toxicity associated with vancomycin dosing.

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 Self-assessment Post-test 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-test and Evaluation. Contact CE@ACCP1.org with any questions.

Disclosures:

Article Selection: Joseph Bertino, PharmD, FCP, FCCP, Editor-in-Chief, JCP and Owner, Bertino Consulting Inc, selected the article for this course and has nothing to disclose.

Planner: Ahmed A Abulfathi, MBBS, FCCP (SA), PhD Candidate, Stellenbosch Univ, Medicine/Clinical Pharmacology, has nothing to disclose related to this educational content.

CE Reviewer: Prithpal Singh Matreja, MBBS, MD, Professor & HOD, Teerthankar Mahavir Univ, Pharmacology, has nothing to disclose.

Schedule & Fees

JCP monthly Journal CE articles are generally released on the 1st or 2nd 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

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Home Study Initial Release and Expiration Dates

Date of Issuance: 7/1/2019

Expiration Date: 12/31/2022

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](#).
