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Comparison of Maintenance Dose Predictions by Warfarin Dosing Algorithms Based on Chinese and Western Patients

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Why is this article important to you?

Warfarin has a long record of safe and effective clinical use and it remains one of the most commonly prescribed drugs for the prevention and treatment of thromboembolic conditions even in the era of direct oral anticoagulants. To address its large interindividual variability and narrow therapeutic window, the Clinical Pharmacogenetics Implementation Consortium has recommended using pharmacogenetic dosing algorithms, such as the ones developed by the Int'l Warfarin Pharmacogenetics Consortium (IWPC) and by Gage et al, to dose warfarin when genotype information is available. At the conclusion of this educational activity, learners will be able to apply pharmacogenetic dosing algorithms when prescribing warfarin.



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: 0665-0000-23-026-H01-P- ACPE 1 Contact Hours

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



ACCME Accreditation Statement

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ACCME Designation Statement

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

Target Audience

Interprofessional team of Physicians, Pharmacists and PhDs interested in the safe and effective use of warfarin for the prevention and treatment of thromboembolic conditions.

Learning Objectives

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

- 1. Identify nongenetic and genetic factors that affect variability in warfarin dose;
- 2. Identify differences between Chinese and Western algorithms for the prescription of warfarin.

Requirements to Receive Credit

To receive continuing education credit, the learner must register for the educational activity, study the provided journal article and 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 with any questions.

Disclosures:

Article Selection: Joseph S. Bertino Jr, PharmD, Editor-in-Chief, The Journal of Clinical Pharmacology,

planner for this educational activity, has no relevant relationship(s) with ineligible

companies to disclose.

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Schedule & Fees

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Acknowledgment of Financial Support

No financial support was received for this educational activity.

Home Study Initial Release and Expiration Dates

Date of Issuance: 05/01/2023 Expiration Date: 05/01/2026

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System Requirements

For best visual quality, we recommend viewing the Journal CE in the Chrome browser. If you do not have Chrome, you can download it here.

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