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Heterogeneity in the Identification of Potential Drug-Drug Interactions in the Intensive Care Unit: A Systematic Review, Critical Appraisal, and Reporting Recommendations

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Why is this article important to you?

Patients admitted to the intensive care unit (ICU) are frequently exposed to potential drug-drug interactions (pDDIs). However, reported frequencies of pDDIs in the ICU vary widely between studies. This can be partly explained by significant variation in their methodological approach. Insight into methodological choices affecting pDDI frequency would allow for improved comparison and synthesis of reported pDDI frequencies. This study aimed to evaluate the association between methodological choices and pDDI frequency and formulate reporting recommendations for pDDI frequency studies in the ICU. Learners that complete this activity will be able to assess DDI studies in patients based on methodological choices employed, as well as how to determine reporting bias.



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: 0665-0000-22-028-H05-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 and PhDs.

Learning Objectives

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

1. Identify the recommended topics to be analyzed in pDDIs within the ICU;
2. Discuss the topics that can result in the rate of bias of pDDI frequency studies in ICU patients;
3. Discuss how the application of this review can be used for the general population.

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, planner for this educational activity, has no relevant relationship(s) with ineligible companies to disclose.

Planners: Alexander Sperry, PharmD, planner for this educational activity, has no relevant relationship(s) with ineligible companies to disclose.

CE Reviewer: Cody Peer, PhD, reviewer for this educational activity has no relevant relationship(s) with ineligible companies to disclose.

Schedule & Fees

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Home Study Initial Release and Expiration Dates

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Expiration Date: 06/01/2025

Helpful Tips

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