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Efficacy and Safety of Direct Oral Anticoagulants in Patients With Atrial Fibrillation Combined With Hypertension: A Multicenter, Retrospective Cohort Study

August 2023 – The Journal of Clinical Pharmacology (JCP)

Why is this article important to you?

It is unclear whether there are differences in direct oral anticoagulant efficacy and safety in patients with atrial fibrillation (AF) combined with hypertension. Atrial fibrillation is the most common clinically significant cardiac arrhythmia. From 1990 to 2010, the overall global incidence of AF increased by 27.7% and 35.8% in men and women, respectively, and the mortality associated with AF increased by a factor of 2 and 1.9, respectively. Age is one of the main risk factors for AF, with the risk of AF doubling with every 10-year increase in age. In recent years, with the increasing global trend of population aging, the increase in the elderly population will further increase the prevalence and incidence of AF. Atrial fibrillation is associated with an increased risk of stroke and thromboembolism, and AF-related stroke leads to higher mortality. This article provides information about a multicenter retrospective cohort study to assess the differences in the efficacy and safety of direct oral anticoagulants in patients with AF combined with hypertension.



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UAN: 0665-0000-23-032-H01-P- ACPE 1 Contact Hours

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



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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, General Clinicians, Pharmacists and PhDs interested in the impact of oral anticoagulants in patients with atrial fibrillation (AF) combined with hypertension.

Learning Objectives

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

- 1. Identify major risk factors for atrial fibrillation (AF);
- 2. Compare the efficacy results of rivaroxaban and dabigatran in patients with AF and hypertension;
- 3. Describe the safety findings comparing rivaroxaban and dabigatran;
- 4. Discuss the impact of body mass index (BMI) on rivaroxaban and dabigatran disposition.

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.

Planners: Michael W. Jann, PharmD, Professor, Univ of North Texas System Coll of Pharmacy

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CE Reviewer: Steven Tung, MD, JD, Anesthesiologist, has no relevant relationship(s) with ineligible

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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: 08/01/2023 Expiration Date: 08/01/2026

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