

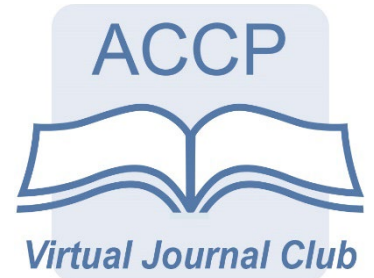
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Impact of Obesity on Brexpiprazole Pharmacokinetics: Proposal for Improved Initiation of Treatment

2022 ACCP Virtual Journal Club Webinar

Live Session: Wednesday, March 16th, 2022 from 2:00 to 3:00 PM ET

On Demand: March 16th, 2022 to March 16th, 2025



Why is this webinar important to you?

Brexpiprazole is an oral antipsychotic agent indicated for use in patients with schizophrenia or as adjunctive treatment for major depressive disorder. As obesity (body mass index ≥ 35 kg/m²) has the potential to affect drug pharmacokinetics and is a common comorbidity of both schizophrenia and major depressive disorder, it is important to understand changes in brexpiprazole disposition in this population. This study uses a whole-body physiologically-based pharmacokinetic (PBPK) model to compare the pharmacokinetics of brexpiprazole in obese and normal-weight (body mass index 18- 25 kg/m²) individuals known to be cytochrome P450 2D6 extensive metabolizers (EMs) and poor metabolizers (PMs).



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: 0665-0000-22-003-L01-P – ACPE 1 Contact Hours

Activity Type: Knowledge-based **Format:** Live **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*TM credit. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Target Audience

Physicians, Pharmacists, PhDs and Physician Assistants.

Learning Objectives

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

- 1) Explain the relationship between obesity, Brexpiprazole pharmacokinetics and clinical outcome;
- 2) Articulate the relationship between PMs, Brexpiprazole dosing and clinical outcome;
- 3) Learn about the PBPK model.

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, attend the Live webinar or view the On-Demand webinar, complete the online learning Self-assessment Post-test as well as the online course Evaluation. Credits and CME/CPE Certificates must be claimed within thirty (30)

days of completing the live webinar, Post-test and Evaluation. Contact CE@ACCP1.org with any questions.

Disclosures:

Author/Faculty: Christina R. Chow, PhD, Head of Research, Emerald Lake Safety is an employee of Emerald Lake Safety.

Moderator/Planner: Mirshad PV, PhD, Associate Professor, Pharmacology, MES Medical Coll has no relevant financial relationship(s) with ineligible companies to disclose.

CE Reviewer: Claude Abdallah, MD, Anesthesiologist, Pediatric Anesthesiology, Children's National Health System. has no relevant financial relationship(s) with ineligible companies to disclose.

Schedule & Fees

ACCP webinar programs occur several times per year. Registration for the webinars are required, but are free of charge to all learners.

Acknowledgement of Financial Support

No financial support was received for this educational activity.

Home Study Initial Release and Expiration Dates

Date of Issuance: March 16, 2022

Expiration Date: March 16, 2025

Helpful Tips

For best audio and visual quality, we recommend viewing the webinar in the Chrome browser. If you do not have Chrome, you may download it [here](#).

Test your browser compatibility before the webinar by clicking [here](#).

Download the article and slide handouts and access the webinar [here](#).

For help during the webinar, please call (571) 291-3493 ext 4.

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