

INTERACTIVE CE BROADCAST via Satellite, Internet, or Telephone: REGISTER TODAY!

**Pharmacodynamics of Atypical Antipsychotics:
Clinical Correlations and Practice Implications**

Premiere Date: Wednesday, August 22, 2007

LIVE Broadcast: 12:00 p.m.–1:00 p.m. ET

11:00 a.m.–12:00 p.m. CT
10:00 a.m.–11:00 a.m. MT
9:00 a.m.–10:00 a.m. PT

Taped Re-Air: 3:00 p.m.–4:00 p.m. ET

2:00 p.m.–3:00 p.m. CT
1:00 p.m.–2:00 p.m. MT
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- Nurses (CNE)
- Psychologists (CEP)
- Social Workers (NASW)
- Case Managers (CCMC)
- Pharmacists (CPE)

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STATEMENT OF NEED

Understanding the pharmacodynamic principles of antipsychotic medications can be very helpful in guiding clinicians in certain key aspects of psychopharmacologic practice, including medication selection, dosing, and management of adverse events. Knowledge of these pharmacodynamic principles is particularly useful in guiding when and how to safely combine or change antipsychotic medication. Presenting the clinically salient aspects of antipsychotic pharmacodynamics involves understanding the concept of how these agents differentially affect the dopamine system, and the range of binding actions on other monoamine receptors besides the family of dopamine receptors. Clinicians need to be able to gauge how differences in dopamine and non-dopamine binding profiles can translate into important clinical effects, including the timing and likelihood of neurologic and other adverse events, interactions with patient-specific factors such as age, likelihood of withdrawal problems, and other issues related to common practices involving combining psychotropic medications. Understanding the pharmacology or drug disposition of atypical antipsychotic agents—including their absorption, distribution, metabolism, and elimination—is essential, as these characteristics impact dosing, drug-drug interactions, withdrawal effects, and eventually the efficacy and safety of these medications. Side effects can complicate and undermine antipsychotic treatment in various ways by causing or worsening symptoms associated with schizophrenia, including negative, positive, and cognitive symptoms as well as agitation. In this evidence-based neuroscienceCME TV activity, the experts discuss the clinical correlations and practice implications that can aid clinicians in utilizing basic concepts of pharmacodynamics and pharmacology to develop individualized treatment strategies to optimize both the mental and physical health of their patients.

ACTIVITY GOAL

To utilize principles of pharmacology and pharmacodynamics to make individualized treatment decisions to help patients achieve better mental and physical health outcomes.

LEARNING OBJECTIVES

At the end of this CE activity, participants should be able to:

- Review the basic concepts of pharmacology and pharmacodynamics and their application in clinical practice.
- Recognize the clinical correlation between pharmacodynamic principles and adverse events, withdrawal effects, and drug-drug interactions of atypical antipsychotics.
- Apply principles of pharmacology to individualized treatment decisions to help patients achieve better mental and physical health outcomes.

TARGET AUDIENCE

Physicians, physician assistants, nurse practitioners, nurses, psychologists, social workers, certified case managers, pharmacists, and other healthcare professionals with an interest in mental health.

COMMERCIAL SUPPORT

CME Outfitters, LLC, and CME LLC gratefully acknowledge an educational grant from Bristol-Myers Squibb Company and Otsuka America Pharmaceuticals, Inc., in support of this CE activity.

FAX completed form to 240.243.1033

YES! Register me for this LIVE evidence-based neuroscienceCME TV activity on August 22, 2007.

Site Name: _____ # Participants: _____

Individual Name: _____ Degree: _____

Address: _____

City/State/ZIP: _____

Practice Setting: Community Mental Health State Mental Health Primary Care
 Private Practice Other: _____ Phone: _____

Fax: _____ Email: _____



FACULTY INFORMATION

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CREDIT INFORMATION

CME Credit (Physicians): CME Outfitters, LLC, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

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It has been assigned code 6WASUP-PRV-069. 1.0 contact hours will be awarded upon successful completion. This activity is co-provided with CME LLC.

Note to Nurse Practitioners: The content of this CNE activity pertains to Pharmacology.

CEP Credit (Psychologists): CME Outfitters is approved by the American Psychological Association to sponsor continuing education for psychologists. CME Outfitters maintains responsibility for this program and its content. (1.0 CE credits)

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376-999-07-011-L01 (live presentation)
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