

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

**Advances in Clinical Care for Patients with Alcohol Dependence**

**Premiere Date: Wednesday, February 13, 2008**



**FACULTY INFORMATION**

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**MODERATOR**

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 Adjunct Professor of Psychiatry and  
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 Baltimore, MD

**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.

CME Outfitters, LLC, designates this educational activity for a maximum of 1.0 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Note to Physician Assistants:** AAPA accepts Category 1 credit from AOACME, Prescribed credit from AAFP, and AMA Category 1 CME credit for the PRA from organizations accredited by ACCME.

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It has been assigned code 6WASUP-PRV-0626. 1.0 contact hours will be awarded upon successful completion.

**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)

**NASW Credit (Social Workers):** This program was approved by the National Association of Social Workers (provider #886407722) for 1 continuing education contact hour.

**NAADAC Credit (Addiction Professionals):** This activity will be submitted to the National Association of Alcohol and Drug Abuse Counselors for 1.0 CEH (continuing education hour).

**CCMC Credit (Certified Case Managers):** This program has been approved for 1 hour by the Commission for Case Manager Certification (CCMC).

**CPE Credit (Pharmacists):** CME Outfitters, LLC, is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. 1.0 contact hours (0.1 CEUs)

Universal Program Number:  
 376-000-08-002-L01-P (live presentation)  
 376-000-08-002-H01-P (recorded programs)

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

11:00 a.m.–12:00 p.m. CT  
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**Taped Re-Air: 3:00 p.m.–4:00 p.m. ET**

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**This activity offers CE credit for:**

- Physicians (CME)
- Psychologists (CEP)
- Addiction Counselors (NAADAC)
- Pharmacists (CPE)
- Nurses (CNE)
- Social Workers (NASW)
- Case Managers (CCMC)

All other clinicians will either receive a CME Attendance Certificate or may choose any of the types of CE credit being offered.

You can also register for this and other neuroscienceCME activities at [www.neuroscienceCME.com](http://www.neuroscienceCME.com). For more information or to register by phone for this one-hour activity, call CME Outfitters at **877.CME.PROS**.

**STATEMENT OF NEED**

Psychosocial interventions have been the mainstay of treatment for patients with alcohol dependence. However, there are some patients who are not able to remain abstinent with counseling alone and medication can be an additional, effective aid in the recovery process. The National Institute on Alcohol Abuse and Alcoholism, in its 2005 update, *Helping Patients Who Drink Too Much*, states: "All approved drugs have been shown to be effective adjuncts to the treatment of alcohol dependence. Thus, consider adding medication whenever you're treating someone with active alcohol dependence or someone who has stopped drinking in the past few months but is experiencing problems such as craving or slips. Patients who have previously failed to respond to psychosocial approaches alone are particularly strong candidates."<sup>1</sup>

Overall, psychosocial interventions target the cortex, the center for decision-making; whereas, pharmacotherapy targets other brain areas such as the limbic region, associated with brain reward pathways.<sup>2,3</sup> In a study by Anton and colleagues, patients who were given a combination of pharmacotherapy and psychosocial treatment were less likely to relapse. Those who did relapse experienced a longer time between relapses. Thus, this study demonstrates the underlying impact that neurobiology can have on recovery.<sup>4</sup>

In this evidence-based neuroscienceCME TV activity, faculty will present patient cases as they explore the integration of pharmacotherapy into current psychosocial treatment models to improve outcomes for patients with alcohol dependence.

<sup>1</sup> NIAAA. Helping patients who drink too much: NIH Government Publications; 2005. Available at: <http://www.niaaa.nih.gov/Publications/EducationTrainingMaterials/guide.htm>. Accessed October 26, 2007.

<sup>2</sup> Dom G, Sabbe B, Hulstijn W, van den Brink W. Substance use disorders and the orbitofrontal cortex: systematic review of behavioural decision-making and neuroimaging studies. *Br J Psychiatry* 2005;187:209-220.

<sup>3</sup> Kalivas P, Volkow N. The neural basis of addiction: a pathology of motivation and choice. *Am J Psychiatry* 2005;162:1403-1413.

<sup>4</sup> Anton RF, et al. Naltrexone combined with either cognitive behavioral or motivational enhancement therapy for alcohol dependence. *J Clin Psychopharmacol* 2005;25:349-357.

**ACTIVITY GOAL**

To evaluate evidence-based psychosocial intervention and pharmacotherapy management strategies to improve outcomes for patients with alcohol dependence and to recognize the importance of neurobiology in addiction.

**LEARNING OBJECTIVES**

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

- Recognize the importance of neurobiology in addiction.
- Identify evidence-based interventions used to integrate pharmacotherapy and counseling.
- Evaluate available pharmacotherapies for patients with alcohol dependence.
- Review the clinical challenges of incorporating pharmacotherapy into treatment for patients with alcohol dependence.

**TARGET AUDIENCE**

Physicians, physician assistants, nurse practitioners, nurses, psychologists, social workers, certified case managers, pharmacists, addiction counselors, and other healthcare professionals interested in alcohol dependence.

**COMMERCIAL SUPPORT**

CME Outfitters, LLC, gratefully acknowledges an independent educational grant from Cephalon, Inc., and Alkermes, 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 February 13, 2008.**

Site Name: \_\_\_\_\_ # Participants: \_\_\_\_\_

Individual Name: \_\_\_\_\_ Degree: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/ZIP: \_\_\_\_\_

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

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