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# Early Assessment and Multimodal Therapy for MS-Associated Cognitive Dysfunction

Webcast with Live Q&A Segment  
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 Or listen by phone at 800.895.1713

**Premiering Tuesday, November 9, 2010, from 12:00 p.m.–1:00 p.m. ET**



**FACULTY INFORMATION**

**Ralph H.B. Benedict, PhD**  
 Professor of Neurology, Psychiatry, and Psychology  
 Jacobs Neurological Institute  
 State University of New York Buffalo School of  
 Medicine and Biomedical Sciences  
 Buffalo General Hospital  
 Buffalo, NY

**MODERATOR**

**Michael Racke, MD**  
 Professor and Chairman in Neurology  
 The Helen C. Kurtz Chair in Neurology  
 Department of Neurology  
 Ohio State University Medical Center  
 Columbus, OH

**TARGET AUDIENCE**

Physicians, physician assistants, nurses, nurse practitioners, pharmacists, and other healthcare professionals with an interest in multiple sclerosis.

**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 I credit from AOACCME, Prescribed credit from AAFP, and AMA Category I CME credit for the PRA from organizations accredited by ACCME.

**CNE Credit (Nurses):** Provider approved by the California Board of Registered Nursing, Provider Number CEP 15510, for 1.0 contact hours.

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Universal Activity Number:  
 0376-0000-10-022-L01-P (live presentation)  
 0376-0000-10-022-H01-P (recorded programs)

Activity Type: knowledge-based

Post-tests, credit request forms, and activity evaluations can be completed online at [www.neuroscienceCME.com](http://www.neuroscienceCME.com) (click on the Testing/Certification link under the Activities tab—requires free account activation), and participants can print their certificate or statement of credit immediately (70% pass rate required). This website supports all browsers except Internet Explorer for Mac. For complete technical requirements and privacy policy, visit [www.neuroscienceCME.com/technical.asp](http://www.neuroscienceCME.com/technical.asp). CE credit expires on November 9, 2011.

**Premiere webcast offers a LIVE Q&A segment and qualifies for live CE credit.**

Submit your questions directly to the faculty via phone or web.

Questions? Call CME Outfitters at **877.CME.PROS**.

This activity offers CE credit for:

- Physicians (CME) • Nurses (CNE) • Pharmacists (CPE)

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

*Online archive will be offered until November 9, 2011.*

**STATEMENT OF NEED**

Cognitive impairment is common in multiple sclerosis (MS), occurs at all stages of the disease, and can be a major source of disability, social impairment, and impoverished quality of life.<sup>1</sup> Even when physical disability is minimal, patients with MS are still at high risk for developing cognitive impairment. Neuropsychological assessment—including recognizing common comorbidities such as fatigue and depression—is essential when diagnosing cognitive dysfunction.

As cognition is increasingly recognized as a major feature of MS, physicians need education that will increase confidence in their ability to provide patients with accurate assessment, rehabilitation, and management. An integration of both pharmacological and nonpharmacological treatments may play an increasing role in the optimal management and targeting of cognitive deficits.

This neuroscienceCME Webcast will provide clinicians with an opportunity to evaluate the latest evidence surrounding assessment and potential management of cognitive dysfunction in patients with MS with a goal of improving patients' health-related quality of life.

<sup>1</sup> Reuter F, Audoin B, Rico A, Mallikova I, Ranjeva JP, Pelletier J. *Cognitive Impairment Rev Neurol (Paris)* 2009;165(Suppl 4):S113-S122.

**ACTIVITY GOAL**

To implement strategies to improve assessment and management of cognitive dysfunction in patients with multiple sclerosis.

**LEARNING OBJECTIVES**

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

- Define the quality of life (QOL) effects of cognitive dysfunction in multiple sclerosis (MS).
- Apply techniques for neuropsychological assessment of cognitive impairment to facilitate early and accurate diagnosis of cognitive dysfunction in multiple sclerosis (MS).
- Compare and contrast pharmacological and nonpharmacological therapies for the treatment of cognitive dysfunction in MS, then translate that knowledge into improved, individualized therapy for patients.

**ACKNOWLEDGEMENT OF FINANCIAL SUPPORT**

CME Outfitters, LLC, gratefully acknowledges an educational grant from Biogen Idec in support of this CE activity.

————— FAX completed form to **614.929.3600** —————

**YES! Register me for this evidence-based neuroscienceCME Webcast activity on November 9, 2010.**

I will participate online.  I will participate by phone.

**YES! Register me for the online archive.** (Participation details will be sent to you via email.)

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

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

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

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

Practice Setting:  Primary care  Neurology  Internal medicine  MS-specific clinic  Other: \_\_\_\_\_ Phone: \_\_\_\_\_

Fax: \_\_\_\_\_ Email (required): \_\_\_\_\_

This continuing education activity is provided by

