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# Management of Multiple Sclerosis, Part 1 of 2: Differential Diagnosis—A Consensus Approach

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*NOTE: No live CE credit is being offered for this activity.*

Offered Until January 25, 2011.



**FACULTY INFORMATION**

**Fred D. Lublin, MD**  
Saunders Family Professor of Neurology  
Director, The Corinne Goldsmith Dickinson Center  
for Multiple Sclerosis  
Mount Sinai School of Medicine  
New York, NY

**PART 1: Featured Article:** Miller DH, Weinschenker BG, Filippi M, et al. Differential diagnosis of suspected multiple sclerosis: a consensus approach. *Mult Scler* 2008;14:1157-1174.

**MODERATOR**

**Aaron Miller, MD**  
Professor of Neurology  
Medical Director, Corinne Goldsmith Dickinson  
Center for Multiple Sclerosis  
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Indiana University School of Medicine designated 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.

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Universal Program Number: PART 1: 376-999-10-003-H01-P  
Activity type: Knowledge-based

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This activity offers CE credit for:  
• Physicians (CME) • Case Managers (CCMC) • Social Workers (NASW)  
• Psychologists (CEP) • 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.

**STATEMENT OF NEED**

Multiple sclerosis (MS) affects 400,000 Americans and is the leading nontraumatic cause of neurological disability in young adults.<sup>1</sup> Although MS is progressive, it is not fatal, and patients generally have a normal lifespan. However, progressive disability imposes increasing limitations and reduced quality of life for these patients. Newly released consensus guidelines offer neurologists and primary care physicians direction to improve the differential diagnosis and develop strategies to facilitate early and accurate diagnosis of MS. A number of factors must be considered when selecting a treatment regimen for patients with MS, including variations in clinical and MRI evidence of disease. The discovery and broad application of MRI in medicine has led to an increased awareness of the number of patients with incidental white matter pathology in the CNS. The natural history or evolution of such individuals with respect to their risk of developing MS is unclear,<sup>2</sup> but a need for further studies on this subject and physician awareness is essential for progression of disease therapy in MS. In this neuroscienceCME Journal Club activity, the authors will translate their research and provide insights and application to clinical practice.

<sup>1</sup> Bermel RA, Rudick RA. Interferon-based treatment for multiple sclerosis. *Neurotherapeutics* 2007;4:633-646.  
<sup>2</sup> Okuda DT, Mowry EM, Beheshtian A, et al. Incidental MRI anomalies suggestive of multiple sclerosis: the radiologically isolated syndrome. *Neurology* 2009;72:800-805.

**ACTIVITY GOAL**

To translate consensus recommendations on differential diagnosis into effective management of patients with MS, and to increase awareness surrounding the potential risk factor of white matter pathology for the development of MS.

**LEARNING OBJECTIVES**

- At the end of this CE activity, participants should be able to:
- Utilize consensus-based guidelines in determining a more accurate differential diagnosis of MS. *The following learning objectives pertain only to those requesting CNE credit:*
  - Review the barriers to improved diagnosis of multiple sclerosis (MS)
  - Identify established criteria used to diagnose MS
  - Discuss the recommendations of the panel for the use of indicators to improve diagnosis

**TARGET AUDIENCE**

Physicians, physician assistants, nurse practitioners, nurses, psychologists, social workers, certified case managers, pharmacists, and other healthcare professionals interested in the management of multiple sclerosis.

**ACKNOWLEDGEMENT OF FINANCIAL SUPPORT**

This activity is supported by an unrestricted educational grant from Pfizer Inc.

FAX completed form to **240.243.1033**

**YES! Register me for this ARCHIVE neuroscienceCME Journal Club activity:**

(Participation details will be sent to you via email.)

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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