

**Friday, November 16, 2007**

**8:00 to 9:00 AM**

**Onstead Auditorium**

## Neuromyelitis Optica

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### Objectives:

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

- Differentiate neuromyelitis optica from multiple sclerosis on clinical, imaging and pathologic grounds.
- Discuss various treatment options for acute attacks and chronic management of NMO.
- Understand the role of NMO-IgG antibody and aquaporin 4 in the pathogenesis of NMO.

### References:

1. Cree BAC, Lamb S, Morgan K, et al. An open label study of the effects of rituximab in neuromyelitis optica. Neurology 2005;64:1270-1272.
2. Lennon VA, Wingerchuk DM, Kryzer TJ, et al. A serum autoantibody marker of neuromyelitis optica: distinction from multiple sclerosis. Lancet 2004;364:2106-2112.
3. Pittock SJ, Lennon VA, Krecke K, et al. Brain abnormalities in neuromyelitis optica. Arch Neurol 2006;63:390-396.
4. Weinstock-Guttman B, Ramanathan M, Lincoff N, et al. Study of mitoxantrone for the treatment of recurrent neuromyelitis optica (Devic disease). Arch Neurol 2006;63:957-963.
5. Wingerchuk DM, Hogancamp WF, O'Brien PC, Weinshenker BG. The clinical course of neuromyelitis optic (Devic's syndrome). Neurology 1999;53:1107-1114.
6. Wingerchuk DM, Lennon VA, Pittock SJ, et al. Revised diagnostic criteria for neuromyelitis optica. Neurology 2006;66:1485-1489.
7. Wingerchuk DM, Lennon, VA, Lucchinetti CF, et al. The spectrum of neuromyelitis optica. Lancet Neurol 2007 Sep;6(9):805-15.

### Target Audience, Needs, Educational Methods, Activity Evaluation:

Physicians, residents, fellows, and other healthcare professionals need to be updated about new advances in the clinical and research areas for the diagnosis, treatment, and management of patients with neurological disorders. Educational methods will include lectures, case presentations, audio/video presentations, and questions & answer sessions. Participants will be asked to complete an activity evaluation.

### Accreditation/Credit Designation

Baylor College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Baylor College of Medicine 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.

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