

**Monday, October 19, 2009**

**12:00 noon**

**Blue Bird Auditorium, NB-137, Neurosensory Center**

## **Neuromyelitis Optica Update**

**George Hutton, MD  
Associate Professor  
Baylor College of Medicine**

**Objectives – At the end of this lecture, participants should be able to:**

- Describe the clinical features and course of neuromyelitis optica
- Discuss the immunopathology of NMO
- Understand the role of immunotherapy in the treatment of NMO

**References:**

- Lotze TE, Northrop JL, **Hutton GJ**, Ross B, Schiffman JS, Hunter JV. The spectrum of pediatric neuromyelitis optica. Pediatrics. Pediatrics. 2008 Nov;122(5):e1039-47. Epub 2008 Oct 6.
- Cabre P, Gonzales-Quevedo A, Bonnan M, et al. Relapsing neuromyelitis optica: long term history and clinical predictors of death. J Neurol Neurosurg Psychiatry. 2009 Oct;80(10):1162-4.
- Cayrol R, Saikali P, Vincent T. Effector Functions of Antiaquaporin-4 Autoantibodies in Neuromyelitis Optica. Ann N Y Acad Sci. 2009 Sep;1173:478-86.
- Jacob A, Matiello M, Weinshenker BG, et al. Treatment of Neuromyelitis Optica with mycophenolate mofetil. Restrospective analysis of 24 patients. Arch Neurol. 2009; 66(9):1128-1133.
- Kinoshita M, Nakatsuji Y, Kimura T, et al. Neuromyelitis optica: Passive transfer to rats by human immunoglobulin. Biochem Biophys Res Commun. 2009 Sep 4;386(4):623-7. Epub 2009 Jun 21.

**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. Physicians should only claim credit commensurate with the extent of their participation in the activity.