

Monday, August 10, 2009

12:00 noon

Blue Bird Auditorium, NB-137, Neurosensory Center

Neurofibromatosis update

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Objectives:

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

- establish diagnosis according to NIH criteria
- differentiate between the NF spectrum disorders
- perform surveillance for NF patients according to practice guidelines
- initiate genetic testing according to recommended algorithms
- discuss examples of translational medicine

References:

- Ferner RE, Huson SM, Thomas N, Moss C, Willshaw H, Evans DG, Upadhyaya M, Towers R, Gleeson M, Steiger C, Kirby A. Guidelines for the diagnosis and management of individuals with neurofibromatosis 1. *J Med Genet.* 2007 Feb; 44(2):81-8.
- Nicolin G, Parkin P, Mabbott D, Hargrave D, Bartels U, Tabori U, Rutka J, Buncic JR, Bouffet E. Natural history and outcome of optic pathway gliomas in children. *Pediatr Blood Cancer.* 2009 Jul 20.
- Plotkin SR, Stemmer-Rachamimov AO, Barker FG 2nd, Halpin C, Padera TP, Tyrrell A, Sorensen AG, Jain RK, di Tomaso E. Hearing improvement after bevacizumab in patients with neurofibromatosis type 2. *N Engl J Med.* 2009 Jul 23; 361(4):358-67.
- Cancer Genome Atlas Research Network. Comprehensive genomic characterization defines human glioblastoma genes and core pathways. *Nature.* 2008 Oct 23; 455(7216):1061-8.

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.