

Friday, January 18, 2008

8:00 to 9:00 AM

**NOTE ROOM CHANGE: We will be in the  
BLUEBIRD AUDITORIUM, NB-137 Neurosensory Center**

## Neurocardiology: Classical Concept with a Genetic Twist

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### Objectives:

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

- identify the main clinical risk factors for sudden unexplained death in epilepsy (SUDEP)
- 2. identify the main mechanisms suspected in the etiology of SUDEP
- 3. recognize major cardiac arrhythmia genes and their role in SUDEP

### References:

1. Annegers, J., *The Epidemiology of Epilepsy*. 2nd ed. The Treatment of Epilepsy. Principles and Practice., ed. W. E. 1997, Philadelphia, PA 19106: Lippincott Williams&Willkins. 165-172.
2. Tellez-Zenteno, J.F., L.H. Ronquillo, and S. Wiebe, *Sudden unexpected death in epilepsy: evidence-based analysis of incidence and risk factors*. *Epilepsy Res*, 2005. **65**(1-2): p. 101-15.
3. Jallon, P., *Arrhythmogenic seizures*. *Epilepsia*, 1997. **38**(Suppl.11): p. S43-S47.
4. Oppenheimer, S.M., et al., *Insular cortex stimulation produces lethal cardiac arrhythmias: a mechanism of sudden death?* *Brain Res*, 1991. **550**(1): p. 115-21.
5. Oppenheimer, S., *Forebrain lateralization and the cardiovascular correlates of epilepsy*. *Brain*, 2001. **124**(Pt 12): p. 2345-6.

### 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.