

Monday, May 12, 2008

12:00 noon

Blue Bird Auditorium, NB-137, Neurosensory Center

Cold-hearted: therapeutic hypothermia after cardiac arrest

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Neurology Residency Program

Baylor College of Medicine

(Mentor: George Lopez, MD)

Objectives:

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

- Understand the physiologic theory and animal data behind therapeutic hypothermia
- Know the indications for and limitations of hypothermia after cardiac arrest
- Understand the benefit of therapeutic hypothermia
- Know the basic adverse events associated with induced hypothermia

Selected References:

1. The Hypothermia After Cardiac Arrest Study Group. Mild Therapeutic Hypothermia to Improve the Neurologic Outcome After Cardiac Arrest. *NEJM* 2002; 346(8): 549-56.
2. Holzer, Michael et al. Efficacy and Safety of Endovascular Cooling after Cardiac Arrest. *Stroke* 2006; 37: 1792-7.
3. Sandroni, Claudio et al. In-Hospital Cardiac Arrest: Incidence, Prognosis, and Possible Measures to Improve Survival. *Intensive Care Medicine* 2007; 33: 237-45.
4. Weinrauch, Viktor et al. Beneficial Effect of Mild Hypothermia and Detrimental Effect of Deep Hypothermia After Cardiac Arrest in Dogs. *Stroke* 1992; 23: 1454-62.

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