

Monday, May 19, 2008

12:00 noon

Blue Bird Auditorium, NB-137, Neurosensory Center

## A review of tuberculous meningitis in an urban county hospital

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Neurology Residency Program

Baylor College of Medicine

(Mentors: Joseph Kass, M.D. and Corey Goldsmith, M.D.)

### Objectives:

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

- Discuss the proposed pathophysiologic mechanisms underlying tb meningitis.
- Discuss the epidemiology of both pulmonary and extra-pulmonary tuberculosis.
- Identify important risk factors and presenting signs and symptoms associated with tb meningitis.
- Discuss treatment options including the use of corticosteroids for tb meningitis.
- Better understand the disease within a regional population in Harris County, Texas.

### Selected References:

1. Bhigjee, A.I. et al. Diagnosis of tuberculous meningitis: clinical and laboratory parameters. *International Journal of Infectious Diseases* 2007; 11: 348-354.
2. Katti, M.K. et al. Pathogenesis, diagnosis, treatment, and outcome aspects of cerebral tuberculosis. *Med Sci Monit* 2004; 10(9): RA215-229.
3. Sutlas, P.N. et al. Tuberculous meningitis in adults: review of 61 cases. *Infection* 2004; 31(6): 387-391.
4. Thwaites, G.E. et al. Dexamethasone for the treatment of tuberculous meningitis in adolescents and adults. *N Eng J Med* 2004; 351(17): 1741-1751,
5. Thwaites, G.E. et al. Neurological aspects of tropical disease: tuberculous meningitis. *J. Neurol. Neurosurg. Psychiatry* 2000; 68: 289-299.
6. Yechool, V.K. et al. Tuberculous meningitis among adults with and without HIV infection: experience in an urban public hospital. *Arch Intern Med* 1996; 156: 1710-1716.

### 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.