

NEUROSCIENCE

CURRICULUM

Ethan Cumbler M.D.
2006

1) THE NEUROLOGIC EXAM

Teaching File

A) Bates B. The Neurologic Exam. Chapter 18. A Guide to Physical Examination and History Taking 6th ed. 1995: 505-532

2) ISCHEMIC STROKE

Teaching File

A) Adams H. et al. Guidelines for the Early Management of Ischemic Stroke: A Scientific Statement from the Stroke Council of the American Stroke Association. Stroke 2003;34:1056-1083

B) Kizer J. et al. Patent Foramen Ovale in Young Adults with Unexplained Stroke. New England Journal of Medicine 2005;353(22):2361-72

3) EPILEPSY/STATUS EPILEPTICUS

Teaching File

A) Sirven J. et al. Management of Status Epilepticus. American Family Physician 2003;68(3):469-476

B) Walker M. Status Epilepticus: An Evidence Based Guide. British Medical Journal 2005;331:673-677

4) SUBARACHNOID HEMORRHAGE

Teaching File

A) Suarez J. et al. Aneurysmal Subarachnoid Hemorrhage. The New England Journal of Medicine 2006;354:387-96

B) Naval N. Controversies in the Management of Aneurysmal Subarachnoid Hemorrhage. Crit Care Med 2006; Vol 34(2):511-524

5) INTRACEREBRAL HEMORRHAGE

Teaching File

- A) Smith E. et al. Cerebral Amyloid Angiopathy and Lobar Intracerebral Hemorrhage. Arch Neurol 2006;63:148-151
- B) Mayer S. et al Treatment of Intracerebral Hemorrhage. Lancet Neurol 2005;4:662-72
- C) Mayer S. et al. Recombinant Activated Factor VII for Acute Intracerebral Hemorrhage. The New England Journal of Medicine 2005;352:777-785

6) BACTERIAL MENINGITIS

Teaching File

- A) Van de Beek D. et al. Community-Acquired Bacterial Meningitis in Adults. The New England Journal of Medicine 2006;354(1):44-53
- B) Van de Beek D. et al. Steroids in Adults with Acute Bacterial Meningitis: A Systematic Review. The Lancet- Infectious Disease 2004;4:139-43

7) NEUROMUSCULAR DISORDERS/GUILLIAN-BARRE SYNDROME

Teaching File

- A) Newswanger D. et al. Guillian-Barre Syndrome. American Family Physician 2004;69(10):2405-2410
- B) Hughes R. et al. Practice Parameter: Immunotherapy for Guillian-Barre Syndrome. Neurology 2003;61:736-740
- C) Rowland L. et al. Amyotrophic Lateral Sclerosis. The New England Journal of Medicine 2001;344(22):1688-1700
- D) Burns J. et al. An easy approach to evaluating peripheral neuropathy. The Journal of Family Practice 2006;55(10):853-861
- E) Saguil A. Evaluation of the Patient with Muscle Weakness. American Family Physician 2005;71(7):1327-1336
- F) Sccherer K. et al. Does This Patient Have Myasthenia Gravis? JAMA 2005;293(15):1906-1914

8) HEADACHE/MIGRAINE

Teaching File

- A) Gladstein J. Headache. The Medical Clinics of North America 2006;90:275-290
- B) Goadsby P. Migraine: Diagnosis and Management. Internal Medicine Journal 2003;33:436-442
- C) Matchar D. Acute Management of Migraine. Neurology 2003;60(supp 2):S21-S23

9) DEMENTIA (Covered in More Detail on the Geriatrics Experience)

Teaching File

A) Joshi S. et al. Cognitive Impairment. The Medical Clinics of North America 2006;90:769-787

10) MOVEMENT DISORDERS (Covered in More Detail on the Geriatrics Experience)

Teaching File

- A) Tarsy D. et al. Dystonia. The New England Journal of Medicine 2006;355(8):818-29
- B) Nutt J. Diagnosis and Initial Management of Parkinson's Disease. The New England Journal of Medicine 2005;353(10):1021-1027
- C) Nagagopal V. Movement Disorders. Chapter 163. Noble: Textbook of Primary Care Medicine 3rd ed. 2001

11) MULTIPLE SCLEROSIS

Teaching File

A) Murray TJ. Diagnosis and Treatment of Multiple Sclerosis. British Medical Journal 2006;332:525-527

12) NEURO-ONCOLOGY (Covered in more detail on the Oncology Rotation)

13) COMA

Teaching File

A) Stephens R. et al. Approach to the Comatose Patient. Critical Care Medicine 2006;34(1):31-41

14) NEUROLOGIC TESTS (Incorporated into Ischemic Stroke and Neuromuscular Disorders)