Management of Hospitalized Neurological and Neurosurgical Patients

Friday, June 11, 2010
7 a.m.-5:15 p.m.
Seattle Science Foundation
James Tower
550 17th Ave., Suite 600
Seattle, WA 98122
Course Description
After completion of this course, participants will be better able to evaluate and manage acute-care issues in hospitalized neurological and neurosurgical patients. This focused primer will provide a framework for recognition and management of commonly encountered problems in these disciplines. Sessions will be interactive and span a broad spectrum of acute-care neurology and neurosurgery.

Intended Audience
The course is intended for any clinician taking care of acutely ill neurological and neurosurgical patients. It will be particularly helpful to adult hospitalists and nocturnists, emergency-room providers and advanced practice clinicians from internal medicine, neurology and neurosurgery.

Needs Statement
Hospital-based medicine is a rapidly growing discipline. However, within neurology and neurosurgery, there remains a paucity of providers available for 24-hour hospital coverage. To address this need, Swedish Neuroscience Institute (SNI) developed a nocturnist program for after-hours adult hospitalist coverage of neurological and neurosurgical patients. Providing internal medicine hospitalists specialized clinical neuroscience training allows them to triage calls and evaluate and manage these patients at night. This ensures around-the-clock in-house physician coverage and decreases the night-time workload of neurologists and neurosurgeons.

Location
The Seattle Science Foundation is located in the James Tower of the Swedish Medical Center/Cherry Hill Campus. From I-5 (northbound and southbound), take the James Street exit. Turn left on James Street. James will become Cherry. Turn right on 16th Avenue. Turn right into the entrance of the parking garage. Take the elevator to the sky bridge and head towards the main hospital. Follow the signs to the James Tower and take the elevator to the sixth floor. For more information about the Seattle Science Foundation, please visit www.seattlesciencefoundation.org.

Acknowledgments
This symposium is financially supported in part by educational grants in accordance with ACCME’s Standards for Commercial Support. At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the symposium.

For Further Information
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E-mail: cme@swedish.org
Web: www.swedish.org/cme

AGENDA
7 a.m. Check-in and Breakfast
7:15 a.m. Subarachnoid Hemorrhage Management
David Newell, M.D.
7:45 a.m. Surgical Treatment of Intracranial Hemorrhage
David Newell, M.D.
8:15 a.m. Neuro ICU Management of the Endovascular Patient
Yince Loh, M.D.
8:45 a.m. Update on Mechanical Thrombectomy for Stroke
Yince Loh, M.D.
9:15 a.m. Break
9:30 a.m. Emergency Neuroradiology
Bart Keogh, M.D., Ph.D.
10 a.m. Medical Management of Acute Ischemic Stroke
William Likosky, M.D., FAHA, FAAN
10:30 a.m. Medical Management of Intraparenchymal Hemorrhage
Claire Creutzfeldt, M.D.
11 a.m. Pituitary Disease and Patient Management
William Ludlam, M.D., Ph.D.
11:30 a.m. Seizures in the Hospitalized Patient
Mike Doherty, M.D.
Noon Lunch
12:30 p.m. Approach to the Comatose Patient
Todd Czartoski, M.D.
1 p.m. Neuro-Oncology Emergencies
John Henson, M.D., FAAN
1:30 p.m. Hospital Management of Demyelinating Diseases
James Bowen, M.D.
2 p.m. Diagnosis and Treatment of Guillain Barre Syndrome
Sheila Smith, M.D.
2:30 p.m. Myasthenia Gravis in the Hospital Setting
Sharon Galicia, M.D.
3 p.m. Break
3:15 p.m. Spine Emergency and Management of Spine Patients
John Hsiang, M.D., Ph.D.
3:45 p.m. Medical and Surgical Treatment of Elevated Intracranial Pressure
Sarah Jost, M.D.
4:15 p.m. Patients Post-craniotomy: What is Important to Watch for?
Sarah Jost, M.D.
4:45 p.m. Cerebral and Systemic Hemodynamics in the Neuro-ICU
Arthur Lam, M.D., FRCPC
5:15 p.m. Wrap-up/Adjourn
Course Objectives
At the conclusion of this symposium, the participant will provide better patient care through an increased ability to:

- Recognize and treat patients with subarachnoid hemorrhage (SAH), review surgical options and identify when to do surgery
- Outline specific ICU needs of post-thrombolysis and post-thrombectomy patients, review FDA-approved devices for mechanical thrombectomy, and discuss considerations for deciding to use thrombectomy for AIS
- Describe imaging emergencies and apply “best test” for a given clinical question
- Appropriately monitor and test stroke patients and review treatment options for stroke patients
- Manage patients with intraparenchymal hemorrhage (IPH) in the acute setting and outline the acute diagnostic work-up and treatment of IPH
- Review pituitary function, pituitary disorders and disease management; and discuss critical management issues for pituitary post-operative patients
- Describe acute seizure assessment and management
- Perform a diagnostic evaluation of the comatose patient and develop a differential diagnosis in comatose patients
- Describe acute neurologic complications in cancer patients and distinguish various mimics of brain tumors
- Appropriately treat acute exacerbations of demyelinating disease and review issues regarding hospital symptom management of demyelinating disease
- Recognize, diagnose and treat Guillain Barre Syndrome
- Manage myasthenic crisis and review myasthenia gravis in the perioperative setting
- Recognize spine emergencies and review post-op management of spine patients
- Identify the critical signs and symptoms of elevated intracranial pressure (ICP) before and after a craniotomy, and clinically manage patients with elevated ICP prior to surgical intervention
- Review the homeostatic concept of cerebral auto regulation and describe the impact of change in systemic hemodynamics on the cerebral circulation under pathological conditions

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**Registration Information:**
Preregistration is required as space is limited. Participants who register by the “Advance Registration” deadline will receive a confirmation postcard after Tuesday, June 1. Registrations will only be processed when accompanied by full payment.

**Cancellation:**
To receive a refund, notice of cancellation must be received no later than **Friday, June 4**.

If using the registration form, please mail or fax it to:
Continuing Medical Education
Swedish Medical Center
747 Broadway
Seattle, WA 98122-4307
Fax: 206-386-3180

Please note: No registrations are accepted by phone or e-mail.
If you have special needs, please contact the CME office at 206-386-2755.

**Registration Fees:** Please check one of the following:
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