Endoscopic Techniques in Neurosurgery

Course Date and Location

Optional Neuroendoscopy Review
January 17, 2008

Endoscopic Techniques in Neurosurgery
January 18-19, 2008

The Barrow Neurological Institute
Phoenix, Arizona

Course Co-Directors

Peter Nakaji, MD
Clinical Assistant Professor
Barrow Neurological Institute
Phoenix, Arizona

Ronald L. Young II, MD
Director of Pediatric Neurosurgery
St. Vincent Hospital
Indianapolis, Indiana
Overview

Neuroendoscopy has become an accepted diagnostic and therapeutic tool for aneurysms, skull based and intracerebral tumors, hydrocephalus and other intracranial lesions. Neurosurgeons and residents in neurosurgery have expressed an interest in the technical advances in neuroendoscopy and the variety of operative techniques that are available for treating patients. This two-day course will be conducted by pioneering surgeons who will address the theoretical basis of neuroendoscopy, endoscopic anatomy, and clinical applications of neuroendoscopy. Bioskills workshop sessions will be used to simulate procedures in a hands-on laboratory setting. These procedures will include managing complex hydrocephalus, removing intraventricular tumors, and endoscopic transnasal approaches to the pituitary fossa and the entire midline skull base. Course attendees will have the benefit of expert colleagues providing direction and answering questions specific to these minimally invasive approaches. Additional instruction will be available for those attendees who would like to hone their skills in neuroendoscopy as well.

This course is limited to 22 surgeons and 6 allied health professionals to allow active participation and quality interaction during the bioskills workshop sessions.

Objectives

Upon completion of this continuing medical education activity, the participant should be able to:

1. Discuss clinical applications for endoscopic neurosurgery, including the choice of equipment and basic operating room setup.
2. Critique special cases on how to avoid and manage complications.
3. Evaluate the benefits of neuroendoscopy as a diagnostic and therapeutic tool.
4. Demonstrate neuroendoscopy procedures in a bioskills hands-on laboratory setting.

Intended Audience

This continuing medical education activity is for neurosurgeons and residents in neurosurgery who have an interest in the technical advances in neuroendoscopy and would like to learn more about a variety of operative techniques available for treatment.

Accreditation

HealthStream is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credits

Optional Neuroendoscopy Review – Thursday, January 17th
HealthStream designates this educational activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™.

Endoscopic Techniques in Neurosurgery – Friday, January 18th and Saturday, January 19th
HealthStream designates this educational activity for a maximum of 14.5 AMA PRA Category 1 Credit(s)™.

Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nurses and other healthcare professionals participating in this CME activity will receive certificates verifying the activity was designated for AMA-PRA credit. For questions, contact the Accreditation Coordinator at 800-832-5115.

Disclaimer

HealthStream has made reasonable efforts to present educational subject matter in a scientific, balanced and unbiased way. However, participants must always use their own judgment and professional opinion when considering future application of this information, particularly as it may relate to patient diagnostic or treatment decisions.

HealthStream does not endorse or promote any commercial product that may be discussed in this activity.
Support
Grant funds provided by Aesculap, Inc.
Technical support provided by Aesculap, Inc. and The Aesculap Academy.
HealthStream recognizes the assistance of The Aesculap Academy in the implementation of this continuing medical education activity.

ADA Statement
HealthStream will be glad to assist you with any special needs (i.e., physical, dietary, etc.).
Please contact Christine Lindmark at 720-217-3902 or celindmark@yahoo.com.

Course Location
The Barrow Neurological Institute
St. Joseph’s Hospital
350 West Thomas Road
Phoenix, AZ 85013

Recommended Hotel
Pointe Hilton Tapatio Cliffs Resort
11111 North 7th Street
Phoenix, AZ 85020
A discounted room rate has been extended to registered meeting participants at the Pointe Hilton Tapatio Cliffs Resort. For hotel reservations, please contact Christine Lindmark at 720-217-3902 or celindmark@yahoo.com. A credit card will be required for all hotel reservations. All requests for accommodations must be received no later than December 11, 2007 for this meeting. Reservations received after this date will be accepted based on space and rate availability.
A complimentary shuttle bus will be provided to take attendees to and from the Pointe Hilton Tapatio Cliffs Resort and The Barrow Neurological Institute. Please be sure to book your hotel accommodations through Christine in order to take advantage of this additional service.
Participants are responsible for their own airfare, ground transportation, and hotel accommodation expenses.

Course Co-Directors
Peter Nakaji, MD
Clinical Assistant Professor
Barrow Neurological Institute
Phoenix, Arizona

Ronald L. Young II, MD
Director of Pediatric Neurosurgery
St. Vincent Hospital
Indianapolis, Indiana

Faculty*
Walter Grand, MD
Clinical Professor of Neurosurgery
Clinical Professor of Pathology and Anatomy
SUNY at Buffalo
School of Medicine and Biological Sciences
Buffalo, New York

Pankaj Gore, MD
Chief Resident
Department of Neurosurgery
Barrow Neurological Institute
St. Joseph’s Hospital
Phoenix, Arizona

Wesley A. King, MD
Attending Neurosurgeon
Cedars Sinai Medical Center
Beverly Hills, California

Harold L. Rekate, MD, FACS-FAAP
Chairman, Pediatric Neurosciences
Pediatric and Congenital Neurosurgery
Children’s Health Center
Barrow Neurological Institute
Phoenix, Arizona

Mark M. Souweidane, MD, FACS, FAAP
Associate Professor
Department of Neurological Surgery
Director of Pediatric Neurosurgery
Weill Medical College of Cornell University
New York, New York

* Faculty subject to change
Preliminary Agenda

Agenda subject to change.

Thursday, January 17, 2008

3:00 pm  Shuttle Bus Departure for Review Course
          *Meet in hotel lobby to participate.*

3:30 – 5:00 pm Neuroendoscopy Review
               (OPTIONAL, see registration form)
               Topics:  Keeping Images Upright
                        Manipulating Scope
                        Scope Orientation
                        Navigational “Obstacle Course” to Test Attendees’ Skill
               Peter Nakaji, MD
               Pankaj Gore, MD

5:30 pm  Adjourn/Shuttle Bus Departure to Hotel

6:30 pm  Welcome Reception
          All Faculty and Registrants

Friday, January 18, 2008

7:00 am  Shuttle Bus Departure
          *Faculty and registrants meet in hotel lobby.*

7:30 am  Registration/Continental Breakfast

7:50 am  Welcome and Course Overview
          Peter Nakaji, MD

8:00 am  Choice of Endoscopic Equipment and Basic OR Set-up
          Ronald L. Young II, MD

8:30 am  Basic Anatomy of the Ventricles
          Pankaj Gore, MD

9:00 am  Endoscopic Third Ventriculostomy
          Ronald L. Young II, MD

9:20 am  Variations in Anatomy for Endoscopic Third Ventriculostomy and ETV for Normal Pressure Hydrocephalus
          Walter Grand, MD

9:45 am  Break

10:00 am Application of Frameless Stereotactic Guidance and Endoscopy to Intra-ventricular Tumors (Not Including Colloid Cysts)
          Mark M. Souweidane, MD, FACS, FAAP

Bioskills Workshop I

- OR Set-up
- Familiarization of Instruments and Equipment
- Third Ventriculostomy
- Alternative Access to the Lateral Ventricles

Lunch

Endoscopic Management of Intraventricular Tumors (Including Colloid Cysts)
Peter Nakaji, MD

Bioskills Workshop II

- Septum Pellucidotomy (Classical Approach)
- Septum Pellucidotomy (Alternative Approach)
- Aqueductal Plasty
- Colloid Cyst Removal

Break

Application of the Micromanipulator
Harold Rekate, MD

Peter Nakaji, MD

Endoscopic Assisted Microvascular Decompression
Peter Nakaji, MD

Discussion
All Faculty and Registrants

5:30 pm  Adjourn/Shuttle Bus Departure to Hotel

6:30 pm  Group Dinner*
Saturday, January 19, 2008

7:00 am  Shuttle Bus Departure  
*Faculty and registrants meet in hotel lobby.*

7:45 am  Continental Breakfast

8:00 am  Complications and Avoidance  
*Ronald L. Young II, MD*

8:30 am  **Bioskills Workshop III**  
> Supraorbital Craniotomy  
> Retrosigmoid Craniectomy

10:30 am  Endoscopic Transphenoidal Surgery  
*Wesley A. King, MD*

11:00 am  Extended Endonasal Approaches to the Entire Skull Base  
*Peter Nakaji, MD*

11:30 am  Lunch

12:30 pm  **Bioskills Workshop IV**  
> Endoscopic Approach to the Pituitary Fossa  
> Endoscopic Approach to the Entire Skull Base From Anterior Cranial Fossa Floor to Clivus

3:00 pm  Case Discussion  
*All Faculty and Registrants*

3:45 pm  Evaluations

4:00 pm  Adjourn/Shuttle Bus Departure to Hotel

6:00 pm  Group Dinner*

*Guests and spouses of participants and faculty are welcome to attend group dinner functions for a fee. For details and to register your guest(s), see the catered events section of the registration form.*
Residents/Fellows

PLEASE FOLLOW THE STEPS BELOW TO REQUEST A SCHOLARSHIP

Endoscopic Techniques in Neurosurgery
January 17-19, 2008 • Phoenix, Arizona

NOTE: EACH RESIDENT/FELLOW WILL BE ELIGIBLE TO RECEIVE ONLY ONE SCHOLARSHIP PER CALENDAR YEAR FOR THIS MEETING. INCOMPLETE FORMS CANNOT BE USED TO RESERVE A SPOT IN THE COURSE.

Scholarship Funds will provide for

1. A tuition waiver and attendance at the specified CME activity listed above.
2. One roundtrip coach airline or train ticket from your office/work to the course destination.
3. Three nights (Thursday, Friday and Saturday) hotel, room and tax only.
4. Meals, receptions and refreshment breaks associated with the CME course.
5. Course organized daily shuttle service to and from the hotel and CME course site.

You are responsible for providing and payment of

1. All ground transportation (shuttle service to and from the CME event is provided).
2. Meals/food not provided as part of the CME course.
3. Phone, fax, internet, in-room dining, movies, recreational, personal and miscellaneous hotel amenities, airport parking and gratuities.

Three easy steps to follow

1. Complete the CME Registration Form in the course brochure.
2. Have your Residency/Fellowship Program Director sign the form. UNSIGNED FORMS WILL BE CONSIDERED INCOMPLETE.
3. Fax or mail as directed. You may download a brochure at www.healthstream.com/livecourses; click on the January tab and then the course title. Depending on grant fund availability, you will receive an official letter of acceptance from HealthStream notifying you of your award. If grant funds are no longer available, you will also be notified at the time we receive your registration.

Information to make your travel arrangements will be included in your award letter. To take advantage of this scholarship, you must utilize this service and our assistance, to ensure that we make all appropriate arrangements for you. The prepaid ticket will be provided only for travel to and from the meeting and cannot include additional legs for any other purpose. In the case of personal travel adjoining this business trip, tickets will be charged to the Fellow or Resident’s credit card. Air or train tickets purchased from other agencies will not be reimbursed.

Notes

1. You will receive your hotel confirmation number via email approximately 10-14 days prior to your departure date. If you do not receive your confirmation notice within this timeframe, please contact Christine Lindmark at 720-217-3902 or celindmark@yahoo.com.
2. Upon check-in at the hotel, you will be asked to provide a credit card to cover miscellaneous charges. Your room and tax will be charged to the HealthStream master account and will be paid. Room and tax for the allotted nights will not appear on your departure hotel bill.

For additional information or assistance with your travel and accommodations, please contact Christine Lindmark at 720-217-3902 or celindmark@yahoo.com.
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The bioskills laboratory is limited to 22 surgeons and 6 allied health professionals. Please register early.

Tuition:
$795.00  Residents, Surgeons
$350.00  Residents, Physician Assistants, Nurses

How many endoscopy cases have you done in the past year?

How many endoscopy cases have you done in your career?

Optional Neuroendoscopy Review - Thursday, January 17
Yes, I will attend (no charge)  No, I will not attend

Catered Events:
Per AdvaMed Code of Ethics guidelines, all non-participants of the course must pay for their attendance at all course social functions.

Welcome Reception - Thursday, January 17
$25 Adult Guest  $15 Guest under 18
Yes, I will attend (no charge)  No, I will not attend
Yes, I will attend and bring a guest
Number of Guests Total Due $

Group Dinner - Friday, January 18
$50 Adult Guest  $25 Guest under 18
Yes, I will attend (no charge)  No, I will not attend
Yes, I will attend and bring a guest
Number of Guests Total Due $

Group Dinner - Saturday, January 19
$50 Adult Guest  $25 Guest under 18
Yes, I will attend (no charge)  No, I will not attend
Yes, I will attend and bring a guest
Number of Guests Total Due $

Special Dietary Request
Kosher  Vegetarian  No preference

TOTAL AMOUNT DUE $
(Total amount equals Tuition plus Catered Events)

Residents & Fellows: To attend this activity and receive grant funds, you must have the Residency/Fellowship Program Director sign this Registration Form. As Director of the Residency/Fellowship Program, it is acceptable for the surgeon listed on this Course Registration Form to attend the activity indicated above.

Print Director’s Name: ____________________________
Signature of Director: ____________________________
Department Phone #: ____________________________

Credit Card Information:
Please include your credit card number and expiration date with charge order. For your protection, the 3 or 4 digit CCV (Credit Card Verification) number on your credit card is required for processing.

Exp. Date CCV Code

Credit Card Authorization
I hereby authorize HealthStream, Inc. to charge the credit card listed below for the purchase of the above listed items. I understand that payment for the amount charged is solely the responsibility of the person or company whose name is on the card and that I am authorized to use this card for this purchase.

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Per AdvaMed Code of Ethics guidelines, all non-participants of the course must pay for their attendance at all course social functions.

Welcome Reception - Thursday, January 17
$25 Adult Guest  $15 Guest under 18
Yes, I will attend (no charge)  No, I will not attend
Yes, I will attend and bring a guest
Number of Guests Total Due $

Group Dinner - Friday, January 18
$50 Adult Guest  $25 Guest under 18
Yes, I will attend (no charge)  No, I will not attend
Yes, I will attend and bring a guest
Number of Guests Total Due $

Group Dinner - Saturday, January 19
$50 Adult Guest  $25 Guest under 18
Yes, I will attend (no charge)  No, I will not attend
Yes, I will attend and bring a guest
Number of Guests Total Due $

Special Dietary Request
Kosher  Vegetarian  No preference

TOTAL AMOUNT DUE $
(Total amount equals Tuition plus Catered Events)