

# The PENN International Rhinology Course

## Advances in Management of Sino-nasal Disease

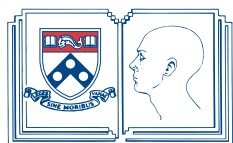
**March 8-10, 2007**

**Ritz Carlton Hotel · Philadelphia**



*Presented by:*

Department of Otorhinolaryngology:  
Head and Neck Surgery



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SCHOOL OF MEDICINE

Continuing Medical Education

### **Course Directors**

David W. Kennedy, MD  
James N. Palmer, MD  
Alexander G. Chiu, MD  
Noam A. Cohen, MD, PhD

### **International Faculty**

Heinz Stammberger, MD  
Daniel Simmen, MD

### **U.S. Guest Faculty**

Bradley F. Marple, MD  
Rodney J. Schlosser, MD  
Eugenia M. Vining, MD  
S. James Zinreich, MD

### **Resident In-Service Exam Review Session**

Stephen A. Goldstein, MD  
Jason G. Newman, MD  
Michael J. Ruckenstein, MD

**Space is Limited to 100 Participants — Register Early!**

## Course Directors

**David W. Kennedy, MD**  
Rhinology Professor  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
Vice Dean, University of  
Pennsylvania School of Medicine

**James N. Palmer, MD**  
Assistant Professor  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
University of Pennsylvania  
Medical Center

**Alexander G. Chiu, MD**  
Assistant Professor  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
University of Pennsylvania  
Medical Center

**Noam A. Cohen, MD, PhD**  
Assistant Professor  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
University of Pennsylvania Medical  
Center and Veterans Medical Center

## Distinguished Visiting Faculty

**Heinz Stammberger, MD**  
Professor and Chairman  
Department of Otorhinolaryngology  
University of Graz  
Graz, Austria

**PD Dr. med. Daniel Simmen**  
Center for Rhinology, Skull Base  
Surgery and Facial Plastic Surgery  
The Hirslanden Clinic  
Zurich, Switzerland

**Bradley F. Marple, MD**  
Professor and Vice Chairman  
Department of Otolaryngology:  
Head and Neck Surgery  
UT Southwestern Medical Center  
Dallas, TX

**Rodney J. Schlosser, MD**  
Associate Professor  
Department of Otolaryngology:  
Head and Neck Surgery  
Medical University of South Carolina  
Charleston, SC

**Eugenia M. Vining, MD**  
Clinical Instructor  
Department of Otolaryngology  
Yale University School of Medicine  
Associate Chief of Otolaryngology  
St. Raphael's Hospital, New Haven, CT

**S. James Zinreich, MD**  
Professor, Division of Neuro-Radiology  
The Johns Hopkins University  
School of Medicine  
Baltimore, MD

## PENN Course Faculty

**Bert W. O'Malley, Jr., MD**  
Gabriel Tucker Professor and Chair  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
University of Pennsylvania  
Medical Center

**Laurie Loevner, MD**  
Professor of Radiology,  
Otorhinolaryngology: Head and Neck  
Surgery and Neurosurgery  
University of Pennsylvania  
Medical Center

**Erica R. Thaler, MD**  
Associate Professor  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
University of Pennsylvania  
Medical Center

**Rakesh Chandra, MD**  
Clinical Assistant Professor  
University of Tennessee  
Health Science Center, Ear, Nose and  
Throat Group  
Memphis, TN

**Satish Govindaraj, MD**  
Assistant Professor  
Department of Otolaryngology  
Mount Sinai Medical Center  
New York, NY

**James Kearney, MD**  
Assistant Professor  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
Pennsylvania Hospital, University of  
Pennsylvania Health System

**Lawrence W.C. Tom, MD**  
Associate Professor  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
University of Pennsylvania and  
Children's Hospital of Philadelphia

**Alexis Jackman, MD**  
Lecturer  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
University of Pennsylvania  
Medical Center

**Bradford Woodworth, MD**  
Lecturer  
Department of Otorhinolaryngology:  
Head and Neck Surgery  
University of Pennsylvania  
Medical Center

**Michael B. Siegel, MD**  
Director  
Siegel and Bosworth ENT Center  
Rockville, MD

## Coding Workshop

**Randa S. Blackwell**  
Financial Specialist  
Towson ENT  
Union Memorial Hospital  
Baltimore, MD

## Target Audience

This program is designed for otolaryngologists in private or academic practice.

## Course Overview

This comprehensive three-day continuing medical education program in Rhinology features an outstanding national and international faculty. The course focuses on medical and surgical advances in the management of sino-nasal disease and is designed for otolaryngologists with prior exposure to Functional Endoscopic Sinus Surgery. There will be specific emphasis on the frontal and sphenoid sinuses, chronic rhinosinusitis, skull base surgery, medical therapy, pediatric sinusitis, image guidance and powered instrumentation. Difficult cases, prevention, diagnosis and management of complications arising from sinus disease and surgery will be reviewed. Once again we are excited to offer live surgery! Live surgical cases will be telecasted to the Penn Surgical Theatre where participants will be able to interact with Drs. Kennedy and Palmer while they are performing basic and advanced procedures. Additionally, demonstration cadaver dissections will be presented by Drs. Stammberger and Chiu using powered instrumentation and stereotactic surgical navigation systems. Attendees also have the option of participating in the hands-on cadaver dissection laboratory with powered instrumentation, drills, and image-guidance systems at every station.

## Objectives

Upon completion of the course participants should be able to:

### Lectures:

- Describe the role, benefits, and limitations of image-guided sino-nasal surgery.
- Discuss endoscopic approaches to the frontal and sphenoid sinuses.
- Identify the anatomy of the paranasal sinuses in children and adults and recognize indications for endoscopic sinus surgery.
- Formulate strategies and solutions to manage “difficult to manage sino-nasal disease.”
- Review complications of sinus surgery and their proper management.

### Laboratory:

- Perform routine nasal endoscopy for the diagnosis of sino-nasal disease.
- Describe proper endoscopic instrument handling and surgical techniques.
- Perform techniques involved in traditional and powered sphenoidectomy.
- Discuss intricacies of image-guided endoscopic sinus surgery.
- Identify difficult and critical areas of the paranasal sinuses.
- Practice various frontal sinus approaches and understand their technical implementation.

## Disclosure Statement

University of Pennsylvania School of Medicine Office of Continuing Medical Education adheres to the ACCME Standards for Commercial Support. Faculty disclosure information will be made available during the activity. Faculty members are also expected to disclose to participants any discussion of off-label and/or investigational use of pharmaceutical products or devices during their presentations.

## Services for the Disabled

If special arrangements are required for an individual with a disability or anyone with a special request please contact Bonnie Rosen at 215-662-2137 or email [bonnie.rosen@uphs.upenn.edu](mailto:bonnie.rosen@uphs.upenn.edu) by February 6, 2007.

## Accreditation Statement

The University of Pennsylvania School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

## Designation of Credit

The University of Pennsylvania School of Medicine designates this educational activity for a maximum of **25 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

<b>Lecture and Laboratory Group 2 Attendance:</b>	<b>25.00 credits</b>
<b>Lecture and Laboratory Group 1 Attendance:</b>	<b>23.75 credits</b>
<b>Lecture Only Attendance:</b>	<b>16.50 credits</b>

## Course Registration:

It is strongly recommended that you register early for this program. Registration is limited due to seating capacity in the surgical theatre and number of stations in the hands-on laboratory. Registrations will be accepted on a first come, first served basis according to the date registration forms and payments are received. **All registrations will be confirmed in writing. If you do not receive a confirmation letter please contact the office at 215-662-2137 or email [bonnie.rosen@uphs.upenn.edu](mailto:bonnie.rosen@uphs.upenn.edu).**

## Early Registration Discount:

There is a **\$50.00 discount** for all registrations received by **January 4, 2007**. Please deduct \$50.00 from the tuition amount below that applies to you when you send in your payment and registration form. The standard registration fee will apply to all registrations received after this date.

## Registration Fees:

### 2 Lab Sessions, all Lectures, Live Surgery and Demo Dissections (Group 2)

\$2150.00 Physician • \$1700.00 Resident

### 1 Lab Session, all Lectures, Live Surgery and Demo Dissections (Group 1)

\$1650.00 Physician • \$1300.00 Resident

### Lectures only, Live Surgery and Demo Dissections

\$900.00 Physician • \$900.00 Resident

Tuition fees include continental breakfast each day, lunches, refreshment breaks, course reception, all course and laboratory materials, as well as transportation to/from the hospital and university for the live surgery demonstration, cadaver dissection demonstrations and hands-on laboratory portions of the program.

## Course Cancellation Policy

The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement by the University, we will refund registration fees, but are not responsible for any related costs, charges or expenses to participants, including cancellation fees assessed by airlines/travel agencies.

If a participant must cancel his/her course registration, he or she may receive a refund if written notification is sent by **February 15, 2007**. Refunds will not be processed after this date. Please fax or email your cancellation notification to Bonnie Rosen at fax number: 215-662-4515 or [bonnie.rosen@uphs.upenn.edu](mailto:bonnie.rosen@uphs.upenn.edu). All refunds are subject to a **\$50.00 cancellation fee**. For more information please call 215-662-2137.



## The Ritz Carlton Hotel, Philadelphia

10 Avenue of the Arts • Philadelphia, PA 19102 • Phone: 215-523-8000

All lecture and video portions of this course will be held at one of the city's finest hotels located on Philadelphia's Avenue of the Arts. The Ritz Carlton features beautifully appointed guest rooms, fine cuisine and the highest standard of service. Amenities include: multi-line telephones with voice mail, computer and fax hook-ups, an executive business center, a fitness center with sauna, massage and a full service spa. The hotel is located at 10 Avenue of the Arts (on the corner of Broad Street between Market and Chestnut Streets.) It is approximately 20-30 minutes by taxi from Philadelphia International Airport or five to ten minutes by taxi from Amtrak's 30th Street Station. For driving directions please contact the hotel directly at 215-523-8000. Currently hotel parking is \$10.00 for one hour; \$19.00 for up to 10 hours or \$32.00 overnight.

## Hotel Accommodations at the Ritz Carlton

Overnight rooms have been reserved for **Wednesday, March 7, 2007 through Sunday, March 11, 2007** at a special meeting rate of **\$225.00** per night (single or double) plus tax (currently 14%). Reservations can be made by calling the **central reservations office at 800-241-3333**. You can also fax your registration to the hotel. **Fax: 215-568-0942 attn: Reservation Manager**. For additional information visit the **Ritz Carlton website at [www.ritzcarlton.com](http://www.ritzcarlton.com)**.

When making reservations be certain to identify yourself as a participant of the **University of Pennsylvania Rhinology Program**. **Please book your reservations by February 6, 2007**. After this date, rooms may not be available and/or rates are likely to increase.

## Nondiscrimination Statement

The University of Pennsylvania values diversity and seeks talented students, faculty and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards, athletic, or other administered programs or employment. Questions or complaints regarding this policy should be directed to the Executive Director, Office of Affirmative Action, 3600 Chestnut Street, Sansom Place East, Suite 228, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD).

## For More Information:

Contact Bonnie Rosen—Department of Otorhinolaryngology  
Phone: 215-662-2137 • Fax: 215-662-4515  
e-mail: [bonnie.rosen@uphs.upenn.edu](mailto:bonnie.rosen@uphs.upenn.edu)  
web site: <http://www.uphs.upenn.edu/pennorl>

# Program Schedule

## Thursday March 8, 2007

- 6:45-7:45 AM **Course Registration, Continental Breakfast and Exhibit Viewing**
- 7:45-8:00 AM *Welcome/Announcements*  
Bert W. O'Malley, Jr., MD, David W. Kennedy, MD and James N. Palmer, MD

### Basics of Chronic Rhinosinusitis

*Moderator:* James Palmer, MD

- 8:00-8:25 AM **Impact, Causes and Diagnosis of Chronic Rhinosinusitis**  
David W. Kennedy, MD
- 8:25-8:30 AM *Questions/Answers*
- 8:30-8:55 AM **Anatomic/Physiologic Principles of FESS**  
Heinz Stammberger, MD
- 8:55-9:00 AM *Questions/Answers*
- 9:00-9:25 AM **Radiologic Evaluation of Sinus Disease**  
S. James Zinreich, MD
- 9:25-9:30 AM *Questions/Answers*
- 9:30-9:55 AM **Basic Surgical and Medical Maneuvers in CRS**  
James N. Palmer, MD
- 9:55-10:00 AM *Questions/Answers*
- 10:00-10:30 AM **Panel Discussion: "Chronic Rhinosinusitis – Basic Cases"**  
*Moderator:* Alexander G. Chiu, MD  
*Panel:* David W. Kennedy, MD  
Heinz Stammberger, MD  
S. James Zinreich, MD  
James N. Palmer, MD
- 10:30-11:00 AM **BREAK and Exhibit Viewing**

### Improving Surgical Outcomes

*Moderator:* David W. Kennedy, MD

- 11:00-11:30 AM **Refinements in Surgical Technique**  
David W. Kennedy, MD
- 11:30-11:50 AM **Bleeding in FESS—How to Avoid and Control**  
Heinz Stammberger, MD
- 11:50-12:10 PM **Management of SP Artery in FESS and Skull Base Surgery**  
PD. Dr. med. Daniel Simmen
- 12:10 - 12:30 PM **Management of Orbital Complications**  
Noam A. Cohen, MD, PhD
- 12:30 - 12:50 PM **Treatment of CSF Leaks**  
Rodney J. Schlosser, MD
- 12:50-1:00 PM *Questions/Answers*
- 1:00-1:45 PM **LUNCH**
- 1:45-2:00 PM *Exhibit Viewing*
- 2:00-2:30 PM **Panel: Pathophysiology of Chronic Rhinosinusitis & Questions from the Audience**  
*Moderator:* Bradley F. Marple, MD  
Stammberger: Fungus      Chiu: Topical Treatment  
Kennedy: Osteitis      Schlosser: Surfactants  
Palmer: Biofilms      Cohen: Cilia



### Frontal Sinus Recess

*Moderator:* Heinz Stammberger, MD

- 2:30-2:50 PM **Anatomy of the Frontal Recess**  
Alexander G. Chiu, MD
- 2:50-3:10 PM **Uncapping the Egg**  
Heinz Stammberger, MD
- 3:10-3:30 PM **Extended Endoscopic Approaches**  
David W. Kennedy, MD
- 3:30-3:50 PM **Long Term Outcomes/Median Drainage**  
PD. Dr. med. Daniel Simmen
- 3:50-4:10 PM **External Approaches**  
James N. Palmer, MD
- 4:10-4:30 PM **Frontal Sinus Panel:**  
*Moderator:* James N. Palmer, MD  
*Panel:* David W. Kennedy, MD  
Heinz Stammberger, MD  
PD. Dr. med. Daniel Simmen  
Alexander G. Chiu, MD
- 4:30-4:50 PM **BREAK and Exhibit Viewing**

### Skull Base Surgery

*Moderator:* Bradley F. Marple, MD

- 4:50-5:10 PM **Endoscopic Approach to Benign Lesions**  
David W. Kennedy, MD
- 5:10-5:30 PM **Endoscopic Approach to Malignant Lesions**  
PD. Dr. med. Daniel Simmen
- 5:30-5:50 PM **Endoscopic Approach to Skull Base Lesions**  
Heinz Stammberger, MD
- 5:50-6:10 PM **Open Approaches to Skull Base Lesions**  
Bert W. O'Malley, Jr., MD
- 6:10-6:30 PM **Repair of Skull Base Defects**  
James N. Palmer, MD
- 6:30-6:45 PM *Questions/Answers*
- 7:15-9:30 PM **Course Reception**

### Special Resident In-Service Review Session

7:00-10:00 PM

Dinner will be served.

Otology/Neurotology - Michael J. Ruckenstein, MD

Head and Neck Oncology – Jason G. Newman, MD

Facial Plastics – Stephen A. Goldstein, MD

Review session includes book: *Comprehensive Review of Otolaryngology*

## Friday March 9, 2007

- 6:30-7:10 AM **Continental Breakfast and Sign-in** (Ritz Carlton Hotel Ballroom area)
- 7:10-7:25 AM **Transportation to University of Pennsylvania for All Course Participants to Penn Surgical Theatre**  
(Limit 100 participants)
- 7:30-11:30 AM **Special resident hands-on dissection laboratory**
- 7:30-8:00 AM **Live Surgery Introductions, Pre-Operative Preparation, Case Histories**  
Alexander G. Chiu, MD and Noam A. Cohen, MD, PhD
- 8:00-9:40 AM **Live Surgery**  
David W. Kennedy, MD and James N. Palmer, MD
- 9:40-10:00 AM **COFFEE BREAK** (time is subject to change)
- 10:00-11:30 AM **Live Surgery**  
David W. Kennedy, MD and James N. Palmer, MD
- 11:30-11:35 AM *Questions/Answers*
- 11:35-11:45 AM *Transportation for everyone back to the Ritz Carlton Hotel*
- 11:45-12:45 PM **LUNCH**
- 12:45-1:00 PM *Exhibit Viewing*

### Lab Group 1 (Red Group) and Lecture Only Group

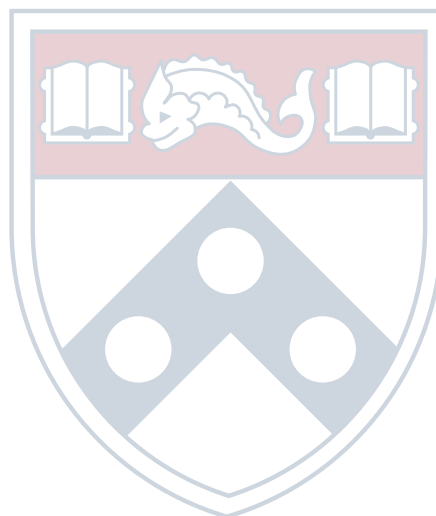
#### Pediatric Otolaryngology and Refinements in Rhinologic Therapy

*Moderator:* Eugenia M. Vining, MD

- 1:00-1:30 PM **Diagnosis, Medical and Surgical Treatment of Pediatric Chronic Rhinosinusitis**  
Rodney J. Schlosser, MD
- 1:30-1:50 PM **Post-Op Care**  
Rakesh Chandra, MD
- 1:50-2:10 PM **Olfaction-What the Surgeons Should Know**  
PD. Dr. med. Daniel Simmen
- 2:10-2:45 PM **CT and MR Applications**  
Laurie Loevner, MD
- 2:45-3:00 PM **BREAK and Exhibit Viewing**
- 3:00-3:30 PM **Allergic Fungal Sinusitis**  
Bradley F. Marple, MD
- 3:30-3:45 PM **Topical Irrigations**  
Noam A. Cohen, MD, PhD
- 3:45-4:00 PM **Extended Medical Therapy**  
Eugenia M. Vining, MD
- 4:00-4:40 PM **Difficult Chronic Rhinosinusitis Panel and Case Presentations from Course Participants\***  
*Moderator:* Eugenia M. Vining, MD  
*Panel:* Noam A. Cohen, MD, PhD  
David W. Kennedy, MD  
Bradley F. Marple, MD  
PD. Dr. med. Daniel Simmen
- 4:40-4:45 PM **BREAK and Exhibit Viewing**

### Lab Group 2 (Blue Group)

- 1:00-1:15 PM *Transportation to the Lab*
- 1:15-4:30 PM **Hands-on Laboratory**  
*Instructors:* Kennedy Thaler  
Stammlberger Kearney  
Palmer Tom  
Chiu Woodworth  
Siegel Jackman  
Govindaraj
- 4:30-4:45 PM *Transportation back to the Ritz Carlton Hotel*



### ALL PARTICIPANTS

- 4:45-5:15 PM **Video Case Presentations**  
Heinz Stammberger, MD
- 5:15 PM **Course Concludes for Residents**
- Update on Coding for Sinusitis (Special Session for U.S. Participants)**  
*Moderator:* Alexander G. Chiu, MD
- 5:15-5:45 PM **Coding Workshop for ESS**  
Randa Blackwell
- 5:45-6:15 PM **E/M and Endoscopic Sinus Surgery**  
Randa Blackwell

### Case Presentations\*

Participants are invited to submit case presentations for discussion during Friday or Saturday's Chronic Rhinosinusitis Panel. To submit a case, please provide a CD with a Powerpoint presentation that includes a brief case history (1-2 slides) and CT scans/imaging pictures (3-6 slides). Cases are due by March 1, 2007.

# Program Schedule, continued

## Saturday March 10, 2007

- 6:30-7:10 AM **Continental Breakfast and Sign-in** (Ritz Carlton Hotel Ballroom area)
- 7:10-7:25 AM **Transportation to University of Pennsylvania for everyone**
- 7:30-8:45 AM **Demonstration Dissection: A Review of Basic Surgical Techniques**  
Heinz Stammberger, MD
- 8:45-9:30 AM **Demonstration Dissection: Advanced Surgical Techniques**  
Alexander G. Chiu, MD

### Lab Group 1 (Red Group)

*This group will stay at University of Penn for the hands-on lab session (1st Floor Stemmler Hall)*

#### 9:30-12:45 PM **Hands-on Laboratory**

Instructors:	Chiu	Palmer
	Stammberger	Siegel
	Govindaraj	Thaler
	Jackman	Tom
	Kearney	Woodworth
	Kennedy	

12:45-1:00 PM *Transportation back to the Ritz Carlton Hotel*

#### 1:00 PM **For Lab Group 1 the meeting is adjourned**

*Please complete, sign and return credit request forms and evaluations to the course registration desk before you leave. Please also check to see that you signed in each day in the meeting and in the lab. CME certificates will be mailed 4-6 weeks after the course.*

1:00-2:00 PM **LUNCH** (optional)

### Lab Group 2 (Blue Group) and Lecture Only Group

9:30 AM *Return to Ritz Carlton Hotel*

#### **Lecture Only Group is adjourned.**

*Please return credit forms and evaluations to the course registration desk before you leave. Be sure you signed in every day. Certificates will be mailed 4-6 weeks after the course.*

9:45-10:00 AM **BREAK** and Exhibit Viewing

#### **Pediatric Otolaryngology and Refinements in Rhinologic Therapy**

*Moderator:* Eugenia M. Vining, MD

10:00-10:30 AM **Diagnosis, Medical and Surgical Treatment of Pediatric Chronic Rhinosinusitis**

Rodney J. Schlosser, MD

10:30-10:50 AM **Post-Op Care**

Rakesh Chandra, MD

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Eugenia Vining, MD

12:40-1:10 PM **Difficult Chronic Rhinosinusitis Panel and Case Presentations from Course Participants**

*Moderator:* Eugenia Vining, MD

*Panel:* Noam A. Cohen, MD, PhD

David W. Kennedy, MD

Bradley F. Marple, MD

1:10-2:00 PM **LUNCH**

2:00-2:15 PM *Transportation to Lab*

2:15-4:30 PM **Hands-on Laboratory**

<i>Instructors:</i>	Chandra	Kennedy
	Chiu	Palmer
	Cohen	Schlosser
	Marple	Siegel
	Govindaraj	Simmen
	Jackman	Vining
	Kearney	Woodworth

4:30-4:45 PM *Transportation back to the Ritz Carlton Hotel*

4:45 PM **For Lab Group 2 the meeting is adjourned**

*Please submit complete, sign and submit credit request forms and evaluation forms to the course registration desk. Be sure that you signed in each day at the hotel and at the labs. CME certificates will be mailed to you 4-6 weeks after the course.*

**Laboratory Space is Limited — Register Early!**



# Meeting Registration Form

## The PENN International Rhinology Course: Advances in Management of Sino-nasal Disease

March 8-10, 2007

Name (first) \_\_\_\_\_ (last) \_\_\_\_\_

M.D.  Ph.D.  D.O.  Other \_\_\_\_\_

Address (home) or (office) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_ Country \_\_\_\_\_

E-mail address \_\_\_\_\_ Last 4 digits of Social Security # \_\_\_\_\_

Daytime phone (\_\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_\_) \_\_\_\_\_

### Tuition Fees: (Please check one)

- |  |  |
|--|--|
| <input type="checkbox"/> \$2150.00 Physicians<br><b>Lecture/Laboratory Group 2</b> | <input type="checkbox"/> \$1700.00 Residents*<br><b>Lecture/Laboratory Group 2</b> |
| <input type="checkbox"/> \$1650.00 Physicians<br><b>Lecture/Laboratory Group 1</b> | <input type="checkbox"/> \$1300.00 Residents*<br><b>Lecture/Laboratory Group 1</b> |
| <input type="checkbox"/> \$900.00 Physicians<br><b>Lecture Only Session</b>        | <input type="checkbox"/> \$900.00 Residents*<br><b>Lecture Only Session</b>        |

\*Residents are required to submit a verification letter from their department for the reduced fee.

**Note: All course registrants will attend the live surgery demonstration and the demonstration cadaver dissections. Hands-on labs are available only for Laboratory Groups 1 and 2. Group 1 has one lab session and Group 2 has two lab sessions.**

There is a \$50.00 discount if you register by January 4, 2007.

Total Payment \$ \_\_\_\_\_

**Resident In-Service Review Session :**  Yes  No

If you are a resident and you would like to take the review course please indicate above. You would still pay the tuition for either the Group 1 Laboratory or the Lecture only Group. The resident course allows you to complete the Penn International Rhinology Course by Friday afternoon and return to your home institution for the exam.

### Course Reception:

**I plan to attend the Course Reception:**  Yes  No (free for participants)

### Payment Method:

- Check enclosed - Payable to Department of Otorhinolaryngology** (US dollars drawn on a US Bank)  
 **Please charge my credit card:**  AmEx  Mastercard  Visa

Credit Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

*By signing above I authorize the University of Pennsylvania to charge my credit card.*

### Case Presentations:

Participants are invited to submit case presentations for discussion during Friday or Saturday's Chronic Rhinosinusitis Panel. Cases are due by March 1, 2007. For more information please contact us at 215-662-2137.

### Please Mail or Fax Registration and Payment to:

**Attention: Bonnie Rosen – CME Registration**  
**Department of Otorhinolaryngology**  
**University of Pennsylvania Medical Center**  
**3400 Spruce Street, 5 Ravdin**  
**Philadelphia, PA 19104**  
**Fax: 215-662-4515**

All registrations will be confirmed in writing. If you do not receive a confirmation letter, it may indicate that we have not received your registration.

To be sure that you are registered, please contact Bonnie Rosen at 215-662-2137.



# Upcoming and Ongoing Events

## **The Penn Rhinoplasty Course: Aesthetic and Functional Rhinoplasty**

**November 3-4, 2006**

### **University of Pennsylvania School of Medicine**

This course is directed by Dr. Daniel G. Becker and features Drs. Stephen S. Park, Edward H. Farrior, Edwin F. Williams, III, Steven J. Pearlman, and Edmund A. Pribitkin. The program is designed to review the fundamentals and advanced techniques of rhinoplasty through a combination of didactic lectures, panel discussions, case presentations, demonstration rhinoplasties and a hands-on laboratory. The cadaver lab allows the participant to perform a wide array of rhinoplasty approaches and techniques and includes a step-by-step manual.

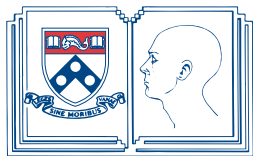
## **13th Annual Advances in Diagnosis and Treatment of Sleep Apnea and Snoring**

**February 16-18, 2007**

### **Disney's Boardwalk Inn Resort**

The Department of Otorhinolaryngology: Head and Neck Surgery and The Division of Sleep Medicine will host this 3-day CME program February 16-18, 2007 in Orlando, Florida. Leaders in the field of sleep science from Otolaryngology, Pulmonary Medicine and Oral and Maxillofacial Surgery will share their medical and surgical expertise to update physicians involved in the treatment of sleep apnea and snoring and keep them on the cutting edge. Participants will have ample opportunity to meet the faculty and discuss challenging aspects of patient care. Special seminars on insomnia, surgical techniques and business management will be available.

The University of Pennsylvania School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. These activities have been approved for AMA PRA credit.



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## **4th International Update Course: Otolaryngology Underwater**

**May 8-13, 2007**

### **Fantasy Island Beach Resort, Roatan, Honduras**

This course is designed for otolaryngologists who would like to combine a first class otolaryngology meeting with superb SCUBA opportunities. As with the previous "underwater" courses, it will feature distinguished faculty from around the world and cover a broad spectrum of topics including sinus surgery, head and neck surgery, otology/neurotology, pediatric otolaryngology and more. Early registration is recommended. Space is limited! For information about this beautiful location go to [www.fantasyislandresort.com](http://www.fantasyislandresort.com).

## **FESS Mini Fellowship Program**

This program is designed for practicing Otolaryngologists with a significant interest in endoscopic sinus surgery and management of sinus and nasal problems. The course is a three-day one-on-one clinical experience where two participants may spend time with Dr. David Kennedy, Dr. James Palmer and Dr. Alexander Chiu during their office hours, observing them in surgery, and performing a cadaveric dissection. Typically there is one mini fellowship per month from January to June. It is a recommended experience for otolaryngologists who already have significant experience with endoscopic surgical techniques and who would like to refine their management both in the operating room and in the office. A maximum of two Otolaryngologists is admitted to the mini fellowship at any one time. This allows for a close one-on-one experience with the faculty. Participants are encouraged to present CT scans from their own difficult or interesting patient cases. Mini Fellows are invited to attend our Wednesday evening clinical conferences and Thursday morning Grand Rounds.

## **For More Information:**

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*Register Early!*

**Ritz Carlton Hotel - Philadelphia, Pennsylvania**

**March 8-10, 2007**

Visit our Web Site: <http://www.uphs.upenn.edu/pennorl>

**The PENN International Rhinology Course**  
**Advances in Management of Sino-nasal Disease**