INTENT AND OVERVIEW

Endonasal endoscopic sinus surgery is effective for surgical management of inflammatory disease of the paranasal sinuses. Although the success rate is gratifying, there are patients who fail to respond and some that clearly become worse. Failures occur for a variety of reasons, especially where surgery was inappropriately utilized: sometimes the surgeon is doing too much or too little.

The course begins Friday with Reuben C. Setliff, III, MD presenting his concept for endonasal surgery using the microdissector. The anatomy and surgical approach of “small hole” or minimal surgery will be demonstrated on a cadaver. Details of the concept will be clarified by didactic presentations and discussions.

Many physicians performing the surgery recognize the difficulty with the nasofrontal area as a common site for failure. The endoscopic sinus surgeon will be taught to master the difficult nasofrontal area from balloon to the most aggressive techniques, in order to feel comfortable draining the frontal sinus through the endonasal route and to prevent and manage surgical failures.

The course will emphasize the treatment of difficult cases, polyps, fungus, epistaxis, and revision surgery, and will discuss avoiding complications. The advanced section of the course will teach detailed techniques necessary to treat epistaxis and repair CSF leaks endoscopically. Surgery of the pituitary and cranial base will be handled and doctors are encouraged to bring their neurosurgical colleagues.

The Center for Continuing Education and the sponsoring department/organization do not certify that through participation in this program participants are competent to perform certain procedures or skills.

COURSE HIGHLIGHTS

Targeted Endoscopic Sinus Surgery (TESS)
- Fresh frozen cadaver specimens
- Unique anatomic learning step by step
- Two 3-hour lab sessions
- Latest instrumentation
- Prosected demonstrations
- High faculty-student ratio
WHO SHOULD ATTEND

This course is designed for physicians practicing in the areas of otolaryngology and neurosurgery. In addition to the lecture material, participants will have the opportunity to gain and expand their knowledge regarding problem sinus cases. Otolaryngologists are encouraged to bring their neurosurgeon as a partner for the advanced portion of the course.

OBJECTIVES

Following completion of this program, participants should be able to:
- Identify surgical anatomy of the sinus area
- Discuss the implications for using image-guided techniques
- Demonstrate the proper use and risks of the microdebrider for surgical treatment
- Identify surgical and non-surgical management strategies for surgical failures, avoiding and managing those failures, and appropriate management of complications
- Formulate a comprehensive approach for determining who is an ideal surgical candidate for sinus surgery
- Apply advanced surgical endoscopic techniques for pituitary and cranial base surgery

CONTINUING EDUCATION CREDIT

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

The University of Pittsburgh School of Medicine designates this education activity for a maximum of 16.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Other healthcare professionals are awarded 16.0 continuing education units (CEU’s) which are equal to 16.0 contact hours.
## Schedule

**Friday, October 23, 2009**  
*Session I: Basic Endoscopic Sinus Surgery*

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>7:00am</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>7:45am</td>
<td>Anatomy and Radiology</td>
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<tr>
<td></td>
<td>Barry M. Schaitkin, MD</td>
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<tr>
<td>8:15am</td>
<td>Medical Therapy for Sinusitis</td>
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<td></td>
<td>Jack B. Anon, MD</td>
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<tr>
<td>8:15am</td>
<td>Headache Evaluation and Treatment</td>
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<td>Robert G. Kaniecki, MD</td>
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<tr>
<td>9:15am</td>
<td>What are the Criteria for Evaluation and Treatment of the Immune System in Patients with CRS?</td>
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<tr>
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<td>Andrej Petrov, MD</td>
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<tr>
<td>9:45am</td>
<td>BREAK</td>
</tr>
<tr>
<td>10:00am</td>
<td>Detailed Approach to Endonasal Anatomy and Powered Instrumentation</td>
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<tr>
<td></td>
<td>Reuben C. Setliff, III, MD</td>
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<tr>
<td>11:00am</td>
<td>Anatomical Surgical Model for Endoscopic Sinus Surgery (4 Landmarks and 3 Spaces)</td>
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<tr>
<td></td>
<td>Panel: Basic Sinus Cases: When, Who, How, Why</td>
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<tr>
<td></td>
<td>Moderator: Reuben C. Setliff, III, MD</td>
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<tr>
<td>12:30pm</td>
<td>LUNCH</td>
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<tr>
<td>1:30pm</td>
<td>Basic Laboratory: Prosector – Step by Step Laboratory</td>
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<td></td>
<td>Reuben C. Setliff, III, MD</td>
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<tr>
<td>4:30pm</td>
<td>Panel: Interesting Sinus Patients</td>
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<tr>
<td></td>
<td>Moderator: Barry M. Schaitkin, MD</td>
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<tr>
<td>5:00pm</td>
<td>Adjourn</td>
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</tbody>
</table>

**Saturday, October 24, 2009**  
*Session II: Advanced Endoscopic Sinus Surgery*

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>7:15am</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00am</td>
<td>Balloon Endoscopic DCR</td>
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<td>Jack B. Anon, MD</td>
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<tr>
<td>8:30am</td>
<td>Balloon Sinusplasty</td>
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<td>Reuben C. Setliff, III, MD</td>
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<tr>
<td>8:45am</td>
<td>Overcoming the Difficult Septum</td>
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<td>Grant S. Gillman, MD</td>
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<tr>
<td>9:15am</td>
<td>TO BE ANNOUNCED</td>
</tr>
<tr>
<td>9:45am</td>
<td>Endoscopic Repair of Cerebrospinal Fluid Leaks</td>
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<td></td>
<td>Ricardo L. Carrau, MD and Carl H. Snyderman, MD</td>
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</tbody>
</table>
10:15am – 10:30am  BREAK

10:30am – 11:00am  Sphenoid Sinus Approach and Extended Indications Including Pituitary
                   Ricardo L. Carrau, MD and Carl H. Snyderman, MD

11:00am – 11:30am  Epistaxis: Endoscopic Anterior Ethmoid and Sphenopalatine Artery
                   Ligation
                   C Ricardo L. Carrau, MD and Carl H. Snyderman, MD

11:30am – 12:00pm  Frontal Sinus Surgery (Basic, Trephine, Rescue, and Drill Out)
                   Barry M. Schaitkin, MD

12:00pm – 12:30 pm  Approach to the Most Difficult Sinus Patient
                    Berrylin J. Ferguson, MD

12:30pm – 12:45 pm  Understanding Fungus
                    Berrylin J. Ferguson, MD

12:45pm – 1:30pm    LUNCH

1:30pm – 4:30pm     Lab

4:30pm – 5:00pm     Panel: Revision Surgery
                    Moderator: Barry M. Schaitkin, MD

5:00pm             Adjourn
COURSE DIRECTORS AND FACULTY

**JACK B. ANON, MD**
Clinical Professor of Otolaryngology
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

**RICARDO L. CARRAU, MD**
Professor of Otolaryngology
Department of Otolaryngology
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

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**GRANT S. GILLMAN, MD**
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Department of Otolaryngology
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

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Associate Professor of Otolaryngology
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**ROBERT G. KANIECKI, MD**
Assistant Professor of Neurology
Director, The Headache Center
Department of Neurology
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

**ANDREJ PETROV, MD**
Department of Otolaryngology
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

**BARRY M. SCHAITKIN, MD**
Professor of Otolaryngology
University of Pittsburgh School of Medicine
Director, Sinus Surgery Center
UPMC Shadyside
Pittsburgh, Pennsylvania

**REUBEN C. SETLIFF, MD**
Setliff Sinus Institute
Sioux Falls, South Dakota

**CARL H. SNYDERMAN, MD**
Professor of Otolaryngology
Department of Otolaryngology
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

*Denotes Course Director

FACULTY DISCLOSURE

In accordance with Accreditation Council for Continuing Medical Education requirements on disclosure, information about relationships of presenters with commercial interests (if any) will be included in materials distributed at the time of the conference.
MEETING LOCATION

This meeting will be held at the UPMC Shadyside Hospital, 5230 Centre Avenue, Herberman Conference Center. Parking will be provided in the attached garage. Please take the ticket as you enter the garage and bring it to the meeting to obtain your parking sticker.

OVERNIGHT ACCOMMODATIONS

A special block of rooms is being held at the Courtyard by Marriott, Shadyside, 5308 Liberty Avenue, Pittsburgh, PA 15224 at $179.00/night (plus applicable taxes). When making your reservation, please call toll free at 800-321-2211 or directly at 412-683-3113 and tell them you are with the Endoscopic Sinus Surgery Workshop to receive your special group rate. Please be sure and make your reservations by Thursday, October 8, 2009. After this date, any unreserved rooms in the special room block will be released for general sale. The Hotel will continue to accept reservations after this date on a space available basis at prevailing rates.

SPECIAL NEEDS

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling 412-647-6294.

REGISTRATION INFORMATION

On-line registration accepted until October 12, 2009.

Registering online is the quickest and easiest way to reserve your space at CCEHS conferences.

1. Visit our online registration site at http://ccehs.upmc.edu
2. Scroll to the Endoscopic Sinus Surgery section on the web page.
3. Click the Registration button and enter all the requested information.
4. After registering, an electronic confirmation will be sent to the email address you provided us when you registered.

Please note: Registration is not complete until you receive the confirmation letter / email for your pre-registration. If you do not receive this letter within 5-7 days of registration, please contact us at 412-647-8257.

You must bring this confirmation with you to the conference.

Please call 412-647-8257 if you do not have access to the internet or are a UPMC employee and are paying through your department.

ONSITE REGISTRATIONS

As of October 12, 2009, all registrations for this course are accepted only as on-site registrations.
REFUND/CANCELLATIONS

All cancellations must be in writing and received by Thursday, October 8, 2009 to be considered for a refund:

- If prior to the course a replacement is found, the tuition fee will be refunded, less a $100 processing fee. Replacements are the responsibility of the cancelled party.
- If no replacement is found, no refund will be made.
- Any cancellations received after the October 8, 2009 deadline will not be refunded.

This policy is complex due to the nature of the course and the extensive planning necessary to provide a program of this caliber. Special circumstances will be reviewed on an individual basis. Refund requests can be sent to:

Conference Registration Contact
Department of Otolaryngology
Jackie Lynch, CME Manager
305 Iroquois Building
200 Lothrop Street
Pittsburgh PA 15213
Telephone: 412-648-6294
Fax: (412) 648-6300
E-mail: lynchjj@upmc.edu

REGISTRATION FEES

$1,900.00 – Complete 2 day course

$800.00 – Lectures (NO hands-on laboratory)

Registration fee includes:
- Continuing education credit
- Registration and course materials
- Continental breakfast, lunch, dinner and refreshments
- Participants in the basic course module will dissect one side of a fresh frozen cadaver. The participants will use the same dissected head during the advanced course for advanced frontal sinus techniques, pituitary surgery, CSF leaks, and DCR.

REGISTRATION FORM

(For Use Only If Not Registering On-Line)

UPMC Shadyside Endoscopic Sinus Surgery Workshop
October 23-24, 2009
Course #1745

Please type or print; photocopy both sides of this form for additional registrants.

No Registration Will Be Accepted Without Payment.

Last FIVE digits of Social Security Number: ___-____-_______ __required
Prefix: o Mr. o Mrs. o Dr. o Ms. o Other, please indicate: __________
First Name: ____________________________ This is how your name will appear
Last Name: ____________________________ on your name badge. __required
Suffix (Jr., Sr., etc…): ______
Company/Institutional Affiliation: _________________________
Specialty: ______________________________
E-mail address: _________________________
Degree: o MD o DO o Resident o PhD o MPH o RN o Other, please indicate: __________
Address: ___________________________________________________________________
City: ____________________ State: _______ ZIP: _______________
Work Telephone ( ) _________________
Fax ( ) ___________________

How did you hear about this conference?
______________________________________________

☐ I require vegetarian lunch.
☐ I require kosher lunch.
☐ I have no special dietary requirements.

(If applicable, add break out selection section here. Identify using alphabetical references such as A-Safety Issues in the Occupational Setting)

Registration Fees
$1,900.00 – Complete 2 day course
$800.00 – Lectures (NO hands-on laboratory)

Total Registration fee enclosed $________

PAYMENT MUST ACCOMPANY REGISTRATION.

Method of Payment: Check, credit card, or interdepartmental transfer.
Please make checks payable to UPMC Presby Shadyside
Please mail or fax your registrations to:

Conference Registration Contact
Department of Otolaryngology
Jackie Lynch, CME Manager
305 Iroquois Building
200 Lothrop Street
Pittsburgh PA 15213
Telephone: 412-648-6294
Fax: (412) 648-6300
E-mail: lynchjj@upmc.edu

Visit the Center for Continuing Education in the Health Sciences Web Site
Our Internet address is: http://ccehs.upmc.edu

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status as a disabled veteran or a veteran of the Vietnam era. Further, the University will continue to take affirmative steps to support and advance these values consistent with the University's mission. This policy applies to admissions, employment, access to and treatment in University programs and activities. This is a commitment made by the University and is in accordance with federal, state, and/or local laws and regulations. For information on University equal opportunity and affirmative action programs and complaint/grievance procedures, please contact: William A. Savage, Assistant to the Chancellor and Director of Affirmative Action (and Title IX and 504 Coordinator), Office of Affirmative Action, 901 William Pitt Union, University of Pittsburgh, Pittsburgh, PA 15260, (412) 648-7860.