

STANFORD OTOLOGY COURSE 2010

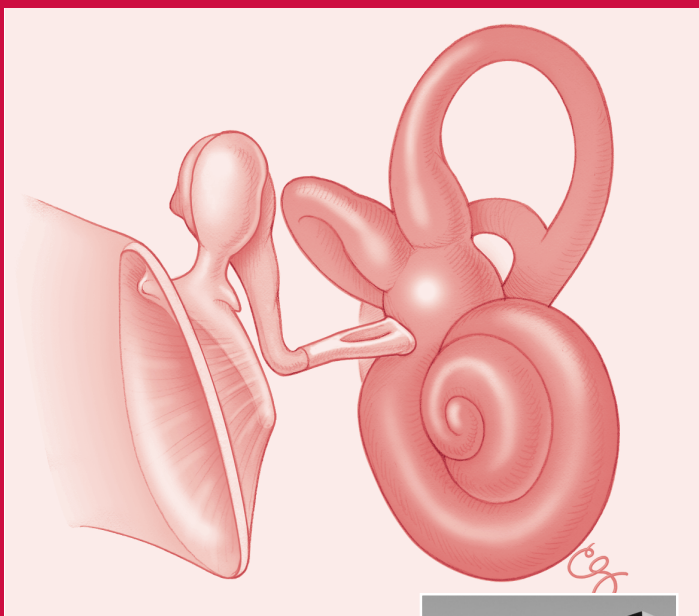
*Emphasizing Interactive Learning
& Educational Technology*

*Li Ka Shing Center for Learning
& Knowledge*

**Stanford University
School of Medicine**
Stanford, California

November 4-6, 2010

2010



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STANFORD UNIVERSITY SCHOOL OF MEDICINE



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Stanford University Medical Center

PRESENTED BY THE DEPARTMENT OF
OTOLARYNGOLOGY – HEAD & NECK SURGERY



STANFORD OTOTOLOGY COURSE 2010

STANFORD OTOTOLOGY-NEUROTOLOGY COURSE HELD BIANNUALLY SINCE 1987

This year we are honored to be the inaugural CME program in the recently opened Li Ka Shing Center for Learning & Knowledge (LKSC), which offers an unsurpassed digital learning environment. The emphasis will be on interactive learning with liberal use of panels, audience interaction, and case-based small group discussions with the Faculty.

SPECIAL INTERACTIVE FEATURES AND NOVEL EDUCATIONAL TECHNOLOGY

This course moves away from the traditional lecture-based format and embraces more interactive forms of learning in the enriched technological environment of the LKSC.

This includes:

- **Structured expert panels with audience interaction focused on clinical challenges**
- **Small group discussions with faculty experts utilizing illustrative cases**
- **Focus on clinical topics relevant to improving medical practice**

VISITING THE STANFORD CAMPUS

The Stanford campus, one of the most beautiful of all universities, is a great place to visit! We are located in Palo Alto, less than an hour south of San Francisco, in the heart of Silicon Valley. During and after the course there will be ample opportunity to enjoy the many activities available on campus and in the surrounding area. Optional post-conference activities include a walking architectural tour of the Stanford campus; docent-led tour of the Stanford Cantor Art Museum; a visit to the Computer History Museum, and even Cardinal football vs. Arizona at Stanford Stadium on Saturday afternoon.

Activities and Tours: <http://www.stanford.edu/dept/visitorinfo/>
Stanford Athletics: <http://www.gostanford.com/index-main.html>

STATEMENT OF NEED

Otolaryngologists as a specialty must take the lead in defining, understanding and adhering to clinically valid, evidence-based performance measures. New diagnosis, management and treatment techniques are the focus of this symposium, along with the etiology, pathophysiology, evaluation, and clinical and surgical management of otologic and neurotologic conditions.

TARGET AUDIENCE

This course is designed to meet the educational needs of a regional, national, and international audience of otolaryngologists, and other clinicians involved in the management of otologic and neurotologic diseases, including internists, general practitioners, nurses, nurse practitioners, and other allied health professionals.

LEARNING OBJECTIVES

Upon completion of the program, participants will be prepared to:

- Formulate a strategy to implement evidence-based guidelines for the treatment of hearing loss and balance disorders.

- Apply risk reduction strategies in otologic surgery to reduce clinical errors.
- Consistently perform genetic screening on hard of hearing children and provide genetic counseling to parents.
- Formulate a strategy to consistently counsel young people regarding hearing loss and to advocate for improved noise protection.
- Apply evidence-based clinical practice guidelines for the management of benign paroxysmal positional vertigo.
- Apply evidence-based treatment protocols for inner ear conditions.
- Apply new techniques and use new implanted devices to improve surgical results.
- Formulate a strategy to ensure universal infant screening for hearing loss, appropriate referral of deaf children for candidacy evaluation and appropriate consideration of implantation in older adults.
- Formulate a strategy to consistently refer appropriate patients for implantable hearing devices and other operative management when the generalist is less experienced in ear surgery.

This CME activity will include lectures, question & answer sessions, case presentations, panel discussions, audiovisuals and syllabus with references.

ACCREDITATION

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

CREDIT DESIGNATION

Stanford University School of Medicine designates this educational activity for a maximum of 18.50 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

CALIFORNIA BOARD OF REGISTERED NURSING

Lucile Packard Children's Health Service at Stanford Hospital and Clinics is approved by the California Board of Registered Nursing (Provider Number CEP 12570) to provide continuing education for Nurses. This course is approved for 22.20 contact hours.

ABOUT STANFORD HOSPITAL & CLINICS

Stanford Hospital & Clinics, part of Stanford University Medical Center, provides general acute and tertiary care to local, national and international patients. Stanford is internationally recognized for its state-of-the-art care in specialty areas such as organ transplantation, cardiovascular medicine and surgery, neurology and neurosurgery, cancer diagnosis and treatment, orthopedic services and surgery, and complex surgical procedures. Partnering with the Stanford University School of Medicine in research and teaching, the hospital plays a key role in translating the latest discoveries in lab to bedside patient care.

Thursday November 4, 2010

7:00 - 8:00 **Registration and Breakfast**

AM SESSION *Moderator: Robert Jackler, MD*

8:00 - 8:10 **Greeting and Announcements**
Robert Jackler, MD

8:10 - 8:40 **Managing the Challenging Vertigo Patient**
Steven Telian, MD

8:40 - 9:10 **Intratympanic Therapy and Sudden Hearing Loss**
David Haynes, MD

9:10 - 9:30 **Treatment of Ménière's Disease: An Evidence-based Approach**
Sumit Agrawal, MD

9:30 - 9:50 **Superior Semicircular Canal Dehiscence: The Great Emulator**
Lawrence Lustig, MD

9:50 - 10:40 **Panel: Evaluation of the Patient with Vertigo**
Moderator: Sumit Agrawal, MD
Panelists: Gurgel, Oghalai, Sajjadi, Telian, Haynes, Lustig

10:40 - 11:00 **Coffee Break**

SMALL GROUP CASE DISCUSSIONS WITH THE FACULTY

(6 sessions over 2 1/2 days - Each attendee assigned to a small group that rotates together)

Otologic Radiology: Jackler (moderator), Fischbein, Gurgel, Chang

Surgical Challenges in Conductive Hearing Loss: Oghalai (moderator), Driscoll, Perkins, Rigby, Sim

The Facial Nerve in Otology: Blevins (moderator), Irving, Sajjadi, Shinn

Effective Clinic Evaluation of the Dizzy Patient: Lustig (moderator), Monfared, Hegarty, Maw

Managing Ménière's Disease: Nguyen-Huynh (moderator), Agrawal, Mudry, Pfister

Fluctuating and Progressive SNHL in Adults & Children: Lalwani (moderator), Cheng, Sweetow, Popelka

11:00 - 11:30 **Case Discussion Session #1**

11:30 - 12:00 **Case Discussion Session #2**

12:00 - 1:00 **Lunch**

PM SESSION *Moderator: Nikolas Blevins, MD*

1:00 - 1:20 **Otoscopy, Microscopy and Endoscopy: Otologic Examination and Documentation**
Albert Mudry, MD

1:20 - 2:00 **Panel: Tympanoplasty & Ossiculoplasty**
Moderator: Nikolas Blevins, MD
Panelists: Hegarty, Irving, Goode, Nguyen-Huynh, Pfister, Sajjadi, Telian

2:00 - 2:40 **Panel: Managing Cholesteatoma**
Moderator: Lawrence Lustig, MD
Panelists: Lalwani, Haynes, Jackler, Oghalai, Rigby, Telian

2:40 - 3:00 **Coffee Break**

3:00 - 3:20 **Restoring Hearing Through Regenerative Medicine: A Preview of Coming Attractions**
Robert Jackler, MD

3:20 - 3:40 **Genetics in Otology**
Anil Lalwani, MD

3:40 - 4:30 **Panel: Avoiding Complications in Otologic Surgery**
Moderator: Richard Irving, MD
Panelists: Blevins, Hegarty, Jackler, Lalwani, Monfared, Sim

4:30 - 5:20 **Panel: Legal and Ethical Challenges in Otology**
Moderator: Robert Jackler, MD
Panelists: Agrawal, Driscoll, Greely, Magnus, Popelka, Rigby, Shinn

5:20 **Adjourn**

Friday November 5, 2010

7:00 - 8:00 **Breakfast**

AM SESSION *Moderator: Lawrence Lustig, MD*

8:00 - 8:10 **Announcements**
Robert Jackler, MD

8:10 - 8:30 **Surgical Simulation/Anatomy in 3D**
Nikolas Blevins, MD

8:30 - 8:45 **Tinnitus: What Works?**
Joseph Hegarty, MD

8:45 - 9:00 **Diagnosis and Management of Vascular Tinnitus**
Robert L. Dodd, MD

9:00 - 9:50 **Panel: Tinnitus: Tonal, Pulsatile and Muscular**
Moderator: Joseph Hegarty, MD
Panelists: Cheung, Dodd, Maw, Pfister, Rigby, Sweetow

9:50 - 10:40 **Panel: Hearing Loss in Children**
Moderator: John Oghalai
Panelists: Blevins, Cheng, Chang, Lalwani, Lustig, Telian

10:40 - 11:00 **Coffee Break**

11:00 - 11:30 **Case Discussion Session #3**

11:30 - 12:00 **Case Discussion Session #4**

12:00 - 1:00 **Lunch**

PM SESSION *Moderator: John Oghalai, MD*

1:00 - 1:20 **How I Manage Otosclerosis**
Colin Driscoll, MD

1:20 - 2:10 **Panel: Challenges in Managing Otosclerosis**
Moderator: Robert Jackler, MD
Panelists: Blevins, Driscoll, Haynes, Irving, Mudry, Telian

2:10 - 2:40 **Challenges in Cochlear Implantation/ State of the Art in CI**
Steven Telian, MD

2:40 - 3:00 **State of the Art in Implantable Hearing Aids**
David Haynes, MD

3:00 - 3:20 **Coffee Break**

3:20 - 3:40 **Panel: Emerging Topics in Auditory Prostheses**
Moderator: Steven Telian, MD
Panelists: Blevins, Chang, Cheung, Lalwani, Irving, Pfister, Haynes

3:40 - 4:00 **Bone Anchored Hearing Aids – Patient Selection and Avoidance of Complications**
David Haynes, MD

4:00 - 4:20 **Health Care Reform: Implications for the Otologist**
Robert Jackler, MD

4:20 - 5:00 **Panel: Open Microphone – Questions and Cases Submitted by Attendees**
Moderator: Nikolas Blevins, MD
Panelists: Agrawal, Cheung, Jackler, Oghalai, Pfister, Telian

5:00 **Adjourn**

Saturday November 6, 2010

7:00 - 8:00 **Breakfast**

AM SESSION *Moderator: Colin Driscoll, MD*

8:00 - 8:20 **State of the Art in Hearing Aids**
Robert Sweetow, PhD

8:20 - 9:00 **Panel: Hearing Aids – Managing the Difficult Case**
Moderator: Gerald Popelka, PhD
Panelists: Maw, Perkins, Pfister, Sajjadi, Sweetow

9:00 - 9:20 **Intracranial Complications of COM**
David Haynes, MD

9:20 - 9:40 **Hearing Preservation in Vestibular Schwannoma Surgery**
Steven Telian, MD

9:40 - 10:00 **The Evidence Regarding Stereotactic Radiosurgery for Vestibular Schwannoma**
Nikolas Blevins, MD

10:00 - 10:40 **Panel: Challenges in Neurotology**
Moderator: Colin Driscoll, MD
Panelists: Agrawal, Blevins, Haynes, Jackler, Nguyen-Huynh, Telian

10:40 - 11:00 **Coffee Break**

11:00 - 11:30 **Case Discussion Session #5**

11:30 - 12:00 **Case Discussion Session #6**

12:00 **Adjourn**

Opportunities for Q&A will be provided at the conclusion of each presentation.

PROGRAM CO-CHAIRS

Robert Jackler, MD

Sewall Professor & Chair of Otolaryngology
Professor of Neurosurgery and Surgery
Associate Dean Postgraduate Medical Education

Nikolas Blevins, MD

Associate Professor of Otolaryngology
Chief, Division of Otolaryngology & Neurotology

SPECIAL GUEST FACULTY

Steven Telian, MD

John L. Kemink Professor and
Associate Chair of Otolaryngology,
University of Michigan

David Haynes, MD

Associate Professor, Department of Otolaryngology
Vanderbilt University School of Medicine

STANFORD UNIVERSITY MEDICAL CENTER FACULTY

Kay Chang, MD

Associate Professor of Otolaryngology - Head & Neck Surgery

Alan Cheng, MD

Assistant Professor of Otolaryngology - Head & Neck Surgery

Robert L. Dodd, MD, PhD

Assistant Professor, Neurosurgery and Radiology

Nancy Fischbein, MD

Associate Professor of Radiology and Otolaryngology -
Head & Neck Surgery

Richard Goode, MD

Professor of Otolaryngology - Head & Neck Surgery

Hank Greely, JD

Deane F. and Kate Edelman Johnson Professor of Law

Richard Gurgel, MD

Fellow in Neurotology-Skull Base Surgery

Jennifer Maw, MD

Clinical Assistant Professor of
Otolaryngology - Head & Neck Surgery

Albert Mudry, MD, PhD

Visiting Professor; Private Practice Otolaryngology
Lausanne, Switzerland

John Oghalai, MD

Associate Professor of Otolaryngology - Head & Neck Surgery

David Magnus, PhD

Thomas A. Raffin Professor in Medicine and Biomedical Ethics

Rodney Perkins, MD

Clinical Professor of Otolaryngology - Head & Neck Surgery

Gerald Popelka, PhD

Clinical Professor of Otolaryngology - Head & Neck Surgery
Chief of Audiology

Hamed Sajjadi, MD

Clinical Associate Professor of Otolaryngology -
Head & Neck Surgery

John Shinn, MD

Professor of Otolaryngology - Head & Neck Surgery

GUEST FACULTY

Sumit Agrawal, MD

Assistant Professor of Otolaryngology - Head & Neck Surgery
University of Western Ontario

Steven Cheung, MD

Associate Professor of Otolaryngology - Head & Neck Surgery
University of California, San Francisco

Colin Driscoll, MD

Associate Professor of Otolaryngology - Head & Neck Surgery
Mayo Clinic, Rochester, Minnesota

Joseph Hegarty, MD

Private Practice of Otolaryngology/Neurotology, Boulder, Colorado

Richard Irving, MD

Consultant Otolaryngologist, Birmingham University

Anil Lalwani, MD

Professor and Chairman of Otolaryngology
New York University

Lawrence Lustig, MD

Francis A. Sooy Professor of Otolaryngology -
Head & Neck Surgery,
University of California, San Francisco

Ashkan Monfared, MD

Assistant Professor of Otolaryngology - Head & Neck Surgery,
George Washington University

Anh Nguyen-Huynh, MD

Assistant Professor of Otolaryngology - Head & Neck Surgery
University of Oregon

Markus Pfister, MD

Professor of Otolaryngology, University of Tubingen

David Sim, MD

Honorary Senior Lecturer, University of Edinburgh

Peter Rigby, MD

Private Practice of Otolaryngology/Neurotology, Richmond, Virginia

Robert Sweetow, PhD

Professor of Otolaryngology - Head & Neck Surgery
University of California, San Francisco

Faculty Disclosure

The Stanford University School of Medicine adheres to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of faculty and commercial relationships will be made prior to the activity.

ENROLLMENT APPLICATION

STANFORD OTOTOLOGY COURSE 2010 NOVEMBER 4-6, 2010

Please register early – space is limited. Registration fee includes Continental breakfast, course materials, and certificate of attendance. Tuition may be paid by check, Visa, AmEx, or MasterCard. Cash is not accepted.

Cancellation Policy

Refunds must be requested in writing by October 1, 2010, and will be subject to a \$75 administrative fee. No refunds will be made on cancellations received after that date. Program materials cannot be guaranteed unless enrollment is received by October 1, 2010. Stanford Hospital & Clinics reserves the right to cancel this program; in the event of cancellation, course fees will be fully refunded.

Register online at www.cme.stanfordhospital.com

Please type or print:

Name/Degree

Specialty (required for CME credit and name badge)

Medical License #

Affiliation

Street Address

City

State

Zip

Day Phone

Evening Phone

Email Address

Fax

Registration Fees:

- \$585 Physician \$300 Other practitioner
Physicians in training please include letter of verification from training program to qualify for reduced tuition fee.



Stanford School of Medicine is fully ADA compliant. If you have needs that require special accommodations, including dietary concerns, please contact jhengst@stanford.edu or (650) 723-7188, before October 1, 2010.

Please Check Payment Method:

- Register online at www.cme.stanfordhospital.com
 Check enclosed payable to Stanford Hospital & Clinics
 Visa Master Card AmEx

Card Number

Expiration Date

Print Name (as it appears on card)

3-Digit Code

Cardholder's Signature

Mail application and payment to:

Stanford Center for Continuing
Medical Education
Attn: Jean Hengst
701-A Welch Road, Suite 2207
Palo Alto, CA 94304
Phone: (650) 723-7188
FAX: (650) 497-8585
Email: jhengst@stanford.edu
Web: <http://cme.stanfordhospital.com>

On-Site Registration

Time: 7:00-8:00 am
Date: Thursday, November 4, 2010
Place: **Li Ka Shing Center for
Learning and Knowledge**
2nd Floor Conference Center
Stanford University
291 Campus Drive, Stanford, CA 94305
<http://lksc.stanford.edu/>

For questions about the symposium, please contact Yolanda Cervantes, CME Coordinator, Stanford Center for Continuing Medical Education at (650) 724-9549 or emailycervantes@stanfordmed.org

HOTEL INFORMATION

Stanford Guest House

<http://www.stanford.edu/dept/rde/guesthouse/index.htm>
Located on the grounds of the Stanford Linear Accelerator, the Stanford Guest House offers pleasant guest rooms, complimentary parking and complimentary campus shuttle service. A limited number of rooms are available; full and queen beds only. Rates range from \$109 to \$159.

Sheraton Palo Alto Hotel

<http://www.starwoodhotels.com/sheraton/property/overview/index.html?propertyID=214>
Located just across El Camino Real from the Stanford campus, the Sheraton Palo Alto is offering conference attendees a special rate of \$179 (Wednesday, November 3) and \$119 (Thursday, November 4 through Saturday, November 6). Just a short walk from the Sheraton is a shuttle stop for Stanford's free shuttle service, the Marguerite.

The Westin Palo Alto

<http://www.starwoodhotels.com/westin/property/overview/index.html?propertyID=1198>
Located just across El Camino Real from the Stanford Campus, the Westin Palo Alto is offering conference attendees a special rate of \$209 (Wednesday, November 3) and \$149 (Thursday, November 4 through Saturday, November 6). The Marguerite, Stanford's free shuttle service, has a bus stop a short walk from the Westin.

Rosewood Sand Hill

<http://www.rosewoodsandhill.com/>
Located just over a mile from campus, Rosewood Sand Hill offers complimentary car service to and from the Stanford campus. Deluxe accommodations are being offered at \$235 per night.



Hotel Information

Course Registration

Stanford Hospital & Clinics
Stanford Center for Continuing Medical Education
701-A Welch Road, Suite 2207
Palo Alto, CA 94304



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**ADDITIONAL CME PROGRAMMING
OFFERED BY STANFORD CENTER FOR
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Surgical Quality, Best Practice & Innovation
September 10-11, 2010 – Li Ka Shing Center
for Learning and Knowledge, Stanford, CA