

# International Surgical Sleep Society Meeting

Friday and Saturday, May 5-6, 2017

Sleep Surgery Trials Workshop | May 4, 2017



USC University Park Campus  
Los Angeles, California

Presented by:  
International Surgical Sleep Society  
USC Office of Continuing Medical Education

Keck School of  
Medicine of USC

## COURSE DESCRIPTION

This will be the 8<sup>th</sup> meeting of the International Surgical Sleep Society, the world's major organization dedicated to the surgical evaluation and treatment of obstructive sleep apnea and snoring. The format will include a combination of lectures and extended discussion segments to enable sharing of experiences and insight across the full spectrum of topics in this field.

## TARGET AUDIENCE

This course is intended for surgeons engaged in the treatment of obstructive sleep apnea and snoring. This will include otolaryngologist-head and neck surgeons and oral surgeons.

## PROGRAM

### Additional Surgical Trials Workshop: Thursday, May 4, 2017

#### Friday, May 5, 2017

7:00 am Registration and Breakfast  
8:00 am Welcome Remarks  
*Eric Kezirian, MD, MPH*

#### Morning Session I:

Sleep Surgery: Where Are We, and Where are We Going?

#### Moderators:

Ho-Sheng Lin, MD/Phillip LoSavio, MD

8:15 am Keynote: Phenotypes and Personalized Medicine in OSA  
*Atul Malhotra, MD*

8:35 am Defining Positive Airway Pressure Success and Failure  
*Terese Hammond, MD*

8:50 am How Should We Measure Surgical Outcomes?  
*Nat Marshall, PhD*

9:05 am Pro/Con: Surgeons Should Be the First-Line Sleep Physicians?  
*Sam Mickelson, MD & Edison Zancanella, MD, PhD*

9:25 am Discussion

9:45 am Break

#### Morning Session II:

Surgical Evaluation and Procedure Selection

#### Moderators:

Victor Abdullah, MD/Gerald Suh, MD

10:15 am Physical Examination and Drug-Induced Sleep Endoscopy  
*Evert Hamans, MD, PhD*

10:30 am Relevance of Maneuvers During Drug-Induced Sleep Endoscopy  
*Nico de Vries, MD, PhD*

10:45 am Magnetic Resonance Imaging in OSA Treatment Selection  
*Richard Schwab, MD*

11:00 am Evidence-Based Evaluation Techniques for Procedure Selection  
*Eric Kezirian, MD, MPH*

11:15 am Pro/Con: Drug-Induced Sleep Endoscopy Should Be Standard for Snoring and OSA Evaluation  
*Winfried Hohenborst, MD, PhD & Raj Dedhia, MD, MPH*

11:35 am Discussion

12:00 pm Lunch

#### Afternoon Session I:

Palate Surgery

#### Moderators:

Oleg Froymovich, MD/Giovanni Sorrenti, MD

1:30 pm Uvulopalatopharyngoplasty  
*Danielle Friberg, MD*

1:40 pm Australian Modified UPPP  
*Stuart MacKay, MD*

1:50 pm Relocation Pharyngoplasty and Suspension Palatoplasty  
*Hsueh-Yu Li, MD*

2:00 pm Expansion Sphincter Pharyngoplasty  
*Kenny Pang, MD*

2:10 pm Lateral Pharyngoplasty  
*Michel Cabali, MD, PhD*

2:20 pm Z-Palatoplasty  
*Michael Friedman, MD*

2:30 pm Palatal Advancement Pharyngoplasty  
*B. Tucker Woodson, MD*

2:40 pm Discussion

3:15 pm Break

#### Afternoon Session II:

Hypopharyngeal Surgery

#### Moderators:

Mark D'Agostino, MD/Erica Thaler, MD

3:45 pm Tongue Radiofrequency and Genioglossus Advancement  
*Sung Wan Kim, MD, PhD*

4:00 pm Tongue Resection Procedures  
*Richard Lewis, MD*

4:15 pm Transoral Robotic Surgery (TORS)  
*Claudio Vicini, MD*

4:30 pm Upper Airway Stimulation (Inspire)  
*Ryan Soose, MD*

4:45 pm Pro/Con: Tongue Resection Procedures (including TORS) vs. Hypoglossal Nerve Stimulation  
*Paul Hoff, MD & Clemens Heiser, MD*

5:05 pm Discussion

5:30 pm Adjourn

## Saturday, May 6, 2017

### Concurrent Sessions All Day

#### Morning Session 1A:

Nasal Surgery and Perioperative Complications in Adults (Main Auditorium)

#### Moderators:

Nicolas BuSaba, MD/Ottavio Piccin, MD

7:30 am Breakfast

8:00 am Tongue Stabilization, Hyoid Suspension, and Partial Epiglottis Resection  
*Andrew Goldberg, MD, MSCE*

8:15 am Does Nasal Surgery Improve OSA?  
*Thomas Verse, MD*

8:30 am Nasal Surgery, PAP, and Oral Appliances in OSA  
*Edward Weaver, MD, MPH*

8:45 am Sinus Disease and Sleep Disturbance  
*Brian Rotenberg, MD, MPH*

9:00 am Pro/Con: Sleep Surgery is Safe as Outpatient Surgery  
*Hsin-Ching Lin, MD & Andrea Lewis, MD*

9:20 am Discussion

9:45 am Break

#### Morning Session 1B:

Pediatrics 1-Role of Adenotonsillectomy (Second Auditorium)

#### Moderators:

Megan Durr, MD/Christian Hochstim, MD, PhD

7:30 am Breakfast

8:00 am Polysomnography in Pediatric OSA. When and Why?  
*Gillian Nixon, MBBCh, MD*

8:15 am Pediatric OSA and Cardiovascular Disease  
*Heather Nardone, MD*

8:30 am Outcomes of Adenotonsillectomy in Pediatric OSA  
*Ron Mitchell, MD*

8:45 am Postoperative Care-- Inpatient vs. Outpatient  
*Cristina Baldassari, MD*

9:00 am Pro/Con: Tonsillectomy Should Be Performed for Snoring Children Without OSA  
*Robert Black, MD & Derek Lam, MD, MPH*

9:20 am Discussion

9:45 am Break

#### Morning Session 2A:

Snoring (Main Auditorium)

#### Moderators:

Vikas Agrawal, MD/Maria Suurna, MD

10:15 am Are There Health Consequences of Snoring Without OSA?  
*Kathleen Yaremchuk, MD*

10:30 am Snoring Evaluation and Procedure Selection  
*Marc Blumen, MD, PhD*

10:45 am Pillar Implants  
*M. Boyd Gillespie, MD, MS*

11:00 am Palate Radiofrequency  
*Bhik Kotecha, MD*

11:15 am Suture Techniques  
*Andrea De Vito, MD, PhD*

11:30 am Discussion

12:00 pm Lunch

#### Morning Session 2B:

Pediatrics 2-Nonsurgical Treatment and Persistent OSA After T&A (Second Auditorium)

#### Moderators:

Javan Nation, MD/Julie Strychowski, MD

10:15 am Impact of Obesity on Surgery for Pediatric OSA  
*Evan Propst, MD, MS*

10:30 am Nonsurgical Treatment in Pediatric OSA  
*Rakesh Bhattacharjee, MD*

10:45 am Evaluation of Persistent OSA in Children: Cine MRI and DISE  
*Sally Shott, MD*

11:00 am Surgery for Persistent OSA in Children  
*Stacey Ishman, MD, MPH*

11:15 am Pro/Con: DISE Should Be Performed Prior to Tonsillectomy/ Adenotonsillectomy  
*An Boudevyns, MD, PhD Norman Friedman, MD*

11:35 am Discussion

12:00 pm Lunch

#### Afternoon Session 1A:

Novel Therapies (Main Auditorium)

#### Moderators:

Boris Chernobilsky, MD/Alan Kominsky, MD

1:30 pm Positional Therapy  
*Madeline Ravestoot, MD, PhD*

1:45 pm Medications, Oropharyngeal Exercises, Oral Pressure Therapy (Winx), and EPAP (Provent)  
*David Kent, MD*

2:00 pm Smartphone Apps and Wearables  
*Robson Capasso, MD*

2:15 pm Tongue Implants  
*Vaclav Pavelec, MD, PhD*

2:30 pm Targeted Hypoglossal Neurostimulation (ImThera)  
*Ofer Jacobowitz, MD, PhD*

2:45 pm Discussion

3:15 pm Break

#### Afternoon Session 1B:

Oral Appliances and Maxillofacial Surgery (Second Auditorium)

#### Moderators:

Eric Thuler MD/Stacey Quo, DDS, MS

1:30 pm Oral Appliances and Surgeon-Dentist Collaboration  
*Michael Simmons, DMD, MS*

1:45 pm Oral Appliances vs. Positive Airway Pressure  
*Tod Huntley, MD*

2:00 pm Predicting Oral Appliance Treatment Outcomes  
*Olivier Vanderveken, MD, PhD*



## PROGRAM

### Afternoon Session 1B:

4:00 pm Impact of Adenotonsillectomy on Attention Deficit Hyperactivity Disorder Pharmacotherapy in Children with Adenotonsillar Hypertrophy  
*Leh-Kiong Huon, MD*

2:15 pm Maxillary Expansion  
*Stacey Quo, DDS, MS*

2:25 pm Maxillomandibular Advancement  
*Mark Urata, MD, DDS*

2:40 pm Pro/Con: MMA Should Be First-Line Surgical Treatment for OSA  
*Stanley Liu, MD, DDS*  
*Jose Barrera, MD*

3:00 pm Discussion

3:15 pm Break

### Afternoon Session 2A:

Difficult Cases (Main Auditorium)  
Moderators:  
**Maurits Boon, MD/Martin Hopp, MD, PhD**

3:45 pm *Mustafa Gerek, MD*  
*Rodolfo Lugo-Saldana, MD*  
*Shintaro Chiba, MD*  
*Denilson Fomin, MD*  
*Srinivas Kishore Sistla, MD*  
*Yassin Bahgat, MD*  
*Johan Valderrama, MD, MBA*

5:30 pm Adjourn

### Afternoon Session 2B:

Research Oral Presentations (Second Auditorium)  
Moderators:  
**Jennifer Hsia, MD/Mas Takashima, MD**

3:40 pm Drug-Induced Sleep Endoscopy and Surgical Outcomes: An International, Multicenter Cohort Study  
*Katherine Green, MD, MS*

3:50 pm Drug-Induced Sleep Endoscopy with Outline Polygraphic Cardiorespiratory Monitoring in OSAS Patients: Technique and Preliminary Analysis  
*Ricardo Gobbi, MD*

## FACULTY

### COURSE DIRECTOR

Eric Kezirian, MD, MPH

### SPEAKERS

Victor Abdullah, MD

Vikas Agrawal, MD

Rakhna Araslanova, MD

Michael Awad, MD

Yassin Bahgat, MD

Cristina Baldassari, MD

Jose Barrera, MD

Rakesh Bhattacharjee, MD

Robert Black, MD

Marc Blumen, MD, PhD

Maurits Boon, MD

An Boudewyns, MD, PhD

Nicolas BuSaba, MD

Michel Cahali, MD, PhD

Robson Capasso, MD

Boris Chernobilsky, MD

Shintaro Chiba, MD

Mark D'Agostino, MD

Raj Dedhia, MD, MPH

Andrea De Vito, MD, PhD

Nico de Vries, MD, PhD

Megan Durr, MD

Denilson Fomin, MD

Danielle Friberg, MD

Michael Friedman, MD

Norman Friedman, MD

Oleg Froymovich, MD

Mustafa Gerek, MD

M. Boyd Gillespie, MD, MSc

Ricardo Gobbi, MD

Andrew Goldberg, MD, MSCE

Katherine Green, MD, MS

Evert Hamans, MD, PhD

Terese Hammond, MD

Clemens Heiser, MD

Christian Hochstim, MD, PhD

Paul Hoff, MD

Winfried Hohenhorst, MD, PhD

Martin Hopp, MD, PhD

Jennifer Hsia, MD

Leh-Kiong Huon, MD

Colin Huntley, MD

Tod Huntley, MD

Stacey Ishman, MD, MPH

Ofer Jacobwitz, MD, PhD

David Kent, MD

Sang-Wook Kim, MD

Sung Wan Kim, MD, PhD

Alan Kominsky, MD

Bhik Kotecha, MD

## FACULTY

### SPEAKERS

Derek Lam, MD, MPH

Andrea Lewis, MD

Richard Lewis, MD

Hsueh-Yu Li, MD

Ho-Sheng Lin, MD

Hsin-Ching Lin, MD

Stanley Liu, MD, DDS

Phillip LoSavio, MD

Rodolfo Lugo-Saldana, MD

Stuart MacKay, MD

Atul Malhotra, MD

Nat Marshall, PhD

Sam Mickelson, MD

Ron Mitchell, MD

Heather Nardone, MD

Javan Nation, MD

Gillian Nixon, MBChB, MD

Ewa Olszewska, MD, PhD

Kenny Pang, MD

Vaclav Pavelec, MD, PhD

Ottavio Piccin, MD

Evan Propst, MD, MSc

Stacey Quo, DDS, MS

Madeline Ravesloot, MD, PhD

Brian Rotenberg, MD, MPH

Richard Schwab, MD

Sally Shott, MD

Michael Simmons, DMD, MSc

Srinivas Kishore Sistla, MD

Ryan Soose, MD

Giovanni Sorrenti, MD

Julie Strychowski, MD

Gerald Suh, MD

Maria Suurna, MD

Mas Takashima, MD

Eric Thaler, MD

Eric Thuler, MD

Mark Urata, MD, DDS

Johan Valderrama, MD, MBA

Olivier Vanderveken, MD, PhD

Thomas Verse, MD

Claudio Vicini, MD

Edward Weaver, MD, MPH

B. Tucker Woodson, MD

Kathleen Yaremchuk, MD

Soroush Zaghi, MD

Edilson Zancanella, MD, PhD

Xiangmin Zhang, MD

## COURSE OBJECTIVES

At the conclusion of the program the participant should be able to:

- Assess the rationale for treatment of snoring and sleep apnea.
- Examine the value of specific evaluation techniques in treatment selection.
- Evaluate the evidence regarding various surgical interventions, including multilevel surgery.
- Discuss the challenges in sleep surgery and the directions for future research.

## COURSE INFORMATION

### Meeting Location

USC University Park Campus, Trojan Grand Ballroom  
3607 Trousdale Parkway, Los Angeles, CA 90089

### Room Block at L.A. Hotel

The L.A. Hotel will offer a king/double room at the rate of \$219 under the room block. Please make reservations before April 12, 2017 and refer to the group name **USC Sleep Apnea** when calling (213) 617-1133.

The L.A. Hotel

333 S. Figueroa Street, Los Angeles, CA 90071

Roundtrip shuttle service from L.A. Hotel to USC University Park Campus morning and afternoon.

### Parking

Parking structure PSX on USC University Park Campus. Enter gate 6, entrance off of Figueroa Street at McCarthy Way. Cost: May 5-\$12 and May 6-\$12.

### Cancellation Policy

Registration cancellations must be received by the USC Office of CME by fax or email by May 1, 2017, 4:00 pm PST for a refund of tuition to be issued. A \$50 cancellation fee will be applied. USC will not refund any travel costs incurred.

In the event of course cancellation by conference organizers, all registration fees will be fully refunded. USC will not refund any travel costs incurred.

### Accreditation Statement

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

### Credit Designation

The Keck School of Medicine of the University of Southern California designates this live activity for a maximum of 14 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Provider approved by the California Board of Registered Nursing, Provider Number CEP00105 for 14 contact hours. These courses have been approved for 14 hours of continuing education by California EMS CE Provider #19-0012. Objectives available upon request.

## REGISTRATION FORM

### International Surgical Sleep Society Meeting on May 5-6, 2017

NAME \_\_\_\_\_

DEGREE \_\_\_\_\_ MEDICAL LICENSE# \_\_\_\_\_

TELEPHONE \_\_\_\_\_ FAX \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

ZIP CODE \_\_\_\_\_ SPECIALTY \_\_\_\_\_

EMAIL ADDRESS\* \_\_\_\_\_

INSTITUTIONAL AFFILIATION \_\_\_\_\_

SPECIAL DIETARY OR PHYSICAL NEEDS \_\_\_\_\_

\* **Correspondence and confirmations are sent by email.**

### TUITION

**Early registration fees apply until May 1, 2017, noon PST.**

ISSS Member MD/DO, DDS/DMD  \$525

ISSS Member Allied Health Professional  \$300

MD/DO, DDS/DMD  \$625

Allied Health Professional  \$400

Student/Resident/Fellow  \$200

**Late registration fees apply after May 1, 2017 at noon PST.**

ISSS Member MD/DO, DDS/DMD  \$575

ISSS Member Allied Health Professional  \$350

MD/DO, DDS/DMD  \$675

Allied Health Professional  \$450

Student/Resident/Fellow  \$250

### METHOD OF PAYMENT

Check (Payable to USC)  Credit Card (Visa or Mastercard only)

No cash accepted. Visa, Mastercard or check only please.

Visa/Mastercard # \_\_\_\_\_

Expiration Date \_\_\_\_\_ Three digit security code on back of card \_\_\_\_\_

Authorized Signature \_\_\_\_\_ Amount \$ \_\_\_\_\_

### REGISTRATION

Mail completed registration form and check payment to:

Office of CME, 1540 Alcazar Street, CHP 223, Los Angeles, California, 90033.

Online: <http://surgical.sleep.org/meetings>  
or [www.usc.edu/cme](http://www.usc.edu/cme). Go to Quick Links, click on Conference Calendar

Phone: (323) 442-2555 or toll-free: 1(800) USC-1119 | Fax: 1(888) 665-8650

Email: [usceme@usc.edu](mailto:usceme@usc.edu) | Website: [www.usc.edu/cme](http://www.usc.edu/cme)

On site payment: USC University Park Campus, Trojan Grand Ballroom

May 5, 2017: 7:00 am | May 6, 2017: 7:30 am