



# Keck School of Medicine of USC

## **International Surgical Sleep Society Meeting, USC University Park Campus, Los Angeles, California May 5-6, 2017**

Presented by: International Surgical Sleep Society & USC Office of Continuing Medical Education  
Organizer: Eric J. Kezirian, MD, MPH; President, International Surgical Sleep Society

### **FRIDAY, MAY 5, 2017**

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

#### **Morning Session I: Sleep Surgery: Where Are We, and Where Are We Going?**

**Moderators: Roger Crumley, MD, MBA / 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: Should Surgeons Be the First-Line Sleep Physicians?**  
*Sam Mickelson, MD / Edilson 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 Hohenhorst, MD, PhD / Raj Dedhia, MD, MS*  
11:35 am                    **Discussion**  
12:00 pm                    **Lunch**



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### Afternoon Session I: Palate Surgery

**Moderators: Oleg Froymovich, MD / Mas Takashima, MD**

- 1:30 pm **Uvulopalatopharyngoplasty**  
*Danielle Friberg, MD, PhD*
- 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 Cahali, 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**



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**SATURDAY, MAY 6, 2017—CONCURRENT SESSIONS ALL DAY**

**Morning Session I: Nasal Surgery and Perioperative Complications in Adults (Main Auditorium)**

**Moderators: Julia Crawford, MD / Ottavio Piccin, MD**

|         |   |
|---------|---|
| 7:30 am | <b>Breakfast</b>  |
| 8:00 am | <b>Tongue Stabilization, Hyoid Suspension, and Partial Epiglottis Resection</b><br><i>Andrew Goldberg, MD, MSCE</i> |
| 8:15 am | <b>Does Nasal Surgery Improve OSA?</b><br><i>Thomas Verse, MD</i>   |
| 8:30 am | <b>Nasal Surgery, PAP, and Oral Appliances in OSA</b><br><i>Edward Weaver, MD, MPH</i>                              |
| 8:45 am | <b>Sinus Disease and Sleep Disturbance</b><br><i>Brian Rotenberg, MD, MPH</i>                                       |
| 9:00 am | <b>Pro/Con: Sleep Surgery Is Safe as Outpatient Surgery</b><br><i>Hsin-Ching Lin, MD / Andrea Lewis, MD</i>         |
| 9:20 am | <b>Discussion</b>   |
| 9:45 am | <b>Break</b>  |

**Morning Session I: Pediatrics 1—Role of Adenotonsillectomy (Second Auditorium)**

**Moderators: Megan Durr, MD / Christian Hochstim, MD, PhD**

|         |  |
|---------|--|
| 7:30 am | <b>Breakfast</b>   |
| 8:00 am | <b>Polysomnography in Pediatric OSA. When and Why?</b><br><i>Gillian Nixon, MBChB, MD</i>  |
| 8:15 am | <b>Pediatric OSA and Cardiovascular Disease</b><br><i>Heather Nardone, MD</i>  |
| 8:30 am | <b>Outcomes of Adenotonsillectomy in Pediatric OSA</b><br><i>Ron Mitchell, MD</i>  |
| 8:45 am | <b>Postoperative Care -- Inpatient vs. Outpatient</b><br><i>Cristina Baldassari, MD</i>  |
| 9:00 am | <b>Pro/Con: Tonsillectomy Should Be Performed for Snoring Children without OSA</b><br><i>Robert Black, MD / Derek Lam, MD, MPH</i> |
| 9:20 am | <b>Discussion</b>  |
| 9:45 am | <b>Break</b>   |



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### Morning Session II: 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, MSc*
- 11:00 am **Palate Radiofrequency**  
*Bhik Kotecha, MD*
- 11:15 am **Suture Techniques**  
*Andrea De Vito, MD, PhD*
- 11:30 am **Discussion**
- 12:00 Lunch**

### Morning Session II: Pediatrics 2—Nonsurgical Treatment and Persistent OSA after T&A (Second Auditorium)

**Moderators: Javan Nation, MD / Julie Strychowsky, MD**

- 10:15 am **Impact of Obesity on Surgery for Pediatric OSA**  
*Evan Propst, MD, MSc*
- 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 Boudewyns, MD, PhD / Norman Friedman, MD*
- 11:35 am **Discussion**
- 12:00 Lunch**



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### Afternoon Session I: Novel Therapies (Main Auditorium)

**Moderators: Boris Chernobilsky, MD / Alan Kominsky, MD**

|         |  |
|---------|--|
| 1:30 pm | <b>Positional Therapy</b><br><i>Madeline Ravesloot, MD, PhD</i>  |
| 1:45 pm | <b>Medications, Oropharyngeal Exercises, Oral Pressure Therapy (Winx), and EPAP (Provent)</b><br><i>David Kent, MD</i> |
| 2:00 pm | <b>Smartphone Apps and Wearables</b><br><i>Robson Capasso, MD</i>  |
| 2:15 pm | <b>Tongue Implants</b><br><i>Vaclav Pavelec, MD, PhD</i>   |
| 2:30 pm | <b>Targeted Hypoglossal Neurostimulation (ImThera)</b><br><i>Ofer Jacobowitz, MD, PhD</i>                              |
| 2:45 pm | <b>Discussion</b>  |
| 3:15 pm | <b>Break</b>   |

### Afternoon Session I: Oral appliances and Maxillofacial Surgery (Second Auditorium)

**Moderators: Eric Thuler, MD / Stacey Quo, DDS, MS**

|         |   |
|---------|---|
| 1:30 pm | <b>Oral Appliances and Surgeon-Dentist Collaboration</b><br><i>Michael Simmons, DMD, MSc</i>                          |
| 1:45 pm | <b>Oral Appliances vs. Positive Airway Pressure</b><br><i>Tod Huntley, MD</i>   |
| 2:00 pm | <b>Predicting Oral Appliance Treatment Outcomes</b><br><i>Olivier Vanderveken, MD, PhD</i>                            |
| 2:15 pm | <b>Maxillary Expansion</b><br><i>Stacey Quo, DDS, MS</i>  |
| 2:25 pm | <b>Maxillomandibular Advancement</b><br><i>Mark Urata, MD, DDS</i>  |
| 2:40 pm | <b>Pro/Con: MMA Should Be First-Line Surgical Treatment for OSA</b><br><i>Stanley Liu, MD, DDS / Jose Barrera, MD</i> |
| 3:00 pm | <b>Discussion</b>   |
| 3:15 pm | <b>Break</b>  |



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### Afternoon Session II: 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 II: Research Oral Presentations (Second Auditorium)

**Moderators: Jennifer Hsia, MD / Chae-Seo Rhee, MD, PhD**

- 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 online polygraphic cardiorespiratory monitoring in OSAS patients: technique and preliminary analysis**  
*Ricardo Gobbi, MD*
- 4:00 pm **Impact of adenotonsillectomy on attention deficit hyperactivity disorder pharmacotherapy in children with adenotonsillar hypertrophy**  
*Leh-Kiong Huon, MD*
- 4:10 pm **Adjustable tongue suspension combined with uvulopalatopharyngoplasty for treatment of severe obstructive sleep apnea/hypopnea syndrome**  
*Xiangmin Zhang, MD*
- 4:20 pm **Development of a novel surgical approach to the base of tongue to treat obstructive sleep apnea**  
*Sang-Wook Kim, MD*
- 4:35 pm **Upper airway stimulation can successfully treat obstructive sleep apnea in patients with a BMI greater than 32**  
*Colin Huntley, MD*
- 4:45 pm **Hardware removal after maxillary mandibular advancement for obstructive sleep apnea**  
*Michael Awad, MD*
- 4:55 pm **Restricted tongue mobility and ankyloglossia are associated with maxillary hypoplasia and soft palate elongation**  
*Soroush Zaghi, MD*
- 5:05 pm **Cost of treating and not treating sleep disordered breathing: do we have enough evidence?**  
*Ewa Olszewska, MD, PhD*
- 5:15 pm **Publication trends in obstructive sleep apnea: evidence of need for more evidence**  
*Rakhna Araslanova, MD*
- 5:30 pm **Adjourn**



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### **Accreditation Statement**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Keck School of Medicine of USC and International Surgical Sleep Society. The Keck School of Medicine of USC is accredited by the 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.