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**10th INTERNATIONAL
SURGICAL SLEEP
SOCIETY MEETING**
MAY 10-11, 2019 | NEW YORK, NEW YORK

Program Chairs

Ofer Jacobowitz, MD, PhD, FAASM
Maria V. Suurna, MD, FACS



**14.5 CME
HOURS**



Weill Cornell Medicine
Otolaryngology
Head & Neck Surgery

from the Program Co-Chairs

you are invited

Dear Colleagues,

You are invited to join renowned national and international sleep disorder experts for the 10th International Surgical Sleep Society Meeting. This program will be held at the New York Marriott Marquis in New York City, New York on May 10-11, 2019.

The ISSS was founded in 2006 and is the world's preeminent organization dedicated to the surgical evaluation and treatment of patients with sleep disorders. The ISSS holds international scientific meetings like this one, that enable surgeons from around the world to discuss advances in sleep surgery and to share their research findings. These meetings have provided the foundation for ongoing ISSS research initiatives that will help patients with snoring or obstructive sleep apnea and the surgeons who will care for them.

Upon completion this comprehensive 2-day continuing medical education program, participants should be able to describe the pathophysiology of OSA, become familiar with current research on mechanisms of sleep apnea; recognize the common causes of CPAP intolerance and understand the role of adjunctive or alternative therapies in the treatment of OSA; discuss the most current OSA medical and surgical evaluation and treatment options; and organize and implement a successful multidisciplinary approach to treat patients with OSA.

Additionally, this course offers you a great opportunity to discover new innovative products and services that support sleep conditions and aim to improve patient care with easy access to our industry partners in our exhibit hall.

We look forward to WELCOMING you to the BIG APPLE!



OFER JACOBOWITZ
MD, PhD, FAASM
Program Chair
USA



MARIA V. SUURNA
MD, FACS
Program Chair
USA



 **Weill Cornell Medicine**
Otolaryngology
Head & Neck Surgery

Vikas Agarwal, MD India
Ahmed Baghat, MD Egypt
Yassin Baghat, MD Egypt
Cristina Baldassari, MD USA
Peter Baptista, MD Spain
Natan Bar-Chama, MD USA
Jose Barrera, MD USA
David Binder, DDS USA
Marc Blumen, MD France
Maurits Boon, MD USA
An Boudewyns, MD Belgium
Michel Cahali, MD Brazil
Robson Capasso, MD USA
Marina Carrasco-Llatas, MD Spain
Victor Certal, MD PhD Portugal
Frederic Chabolle, MD France
Boris Chernobilsky, MD USA
Rayleigh Chiang, MD Taiwan
Shintaro Chiba, MD Japan
Frances Chung, MD USA
Julia Crawford, MD Australia
Mark D'Agostino, MD USA
Nico DeVries, MD Netherlands
Megan Durr, MD USA
Danielle Friberg, MD Sweden
Michael Friedman, MD USA
Norman Friedman, MD USA
Oleg Froymovich, MD USA
Mustafa Gerek, MD Turkey
Boyd Gillespie, MD USA
Andrew Goldberg, MD USA
Michael Goldberg, DMD USA
Daniel Gottlieb, MD USA

Katherine Green, MD USA
Evert Hamans, MD Belgium
Christopher Hartnick, MD USA
Clemens Heiser, MD Germany
Paul Hoff, MD USA
Winfried Hohenhorst, MD Germany
Martin Hopp, MD USA
Karl Hörmann, Germany
Wei-Chung Hsu, MD Taiwan
Tod Huntley, MD USA
Colin Huntley, MD USA
Stacey Ishman, MD USA
Ofer Jacobowitz, MD, PhD USA
Shahrokh Javaheri, MD USA
David Kent, MD USA
Sung Wan Kim, MD Korea
Alan Kominsky, MD USA
Vijaya Krishnan, MD India
Bhik Kotecha, MD England
Ana Krieger, MD USA
Meir Kryger, MD USA
Derek Lam, MD USA
Richard Lewis, MD Australia
Hsin-Ching Lin, MD Taiwan
Stanley Liu, MD, DDS USA
Fabio Lorenzetti, MD Brazil
Rodolfo Lugo Saldana, MD Mexico
Stuart Mackay, MD Australia
Joachim Maurer, MD Germany
Samuel Mickelson, MD USA
Ron Mitchell, MD USA
Itsuo Nakajima, MD Japan
Pia Nerfeldt, MD Sweden

Jay Neugarten, DDS, MD USA
Peter O'Connor, MD USA
Kenny Pang, MD Singapore
Vaclav Pavelec, MD, Czech Republic
Ottavio Piccin, MD Italy
Grace Pien, MD USA
Guillermo Plaza Mayor, MD Spain
Evan Propst, MD Canada
David Rapoport, MD USA
Madeline Ravesloot, MD Netherlands
Katherine Saunders, MD USA
Alan Schwartz, MD USA
David Schwartz, DDS USA
Sally Shott, MD USA
Noah Siegel, MD USA
Ulrich Sommer, MD Germany
Ryan Soose, MD USA
Armin Steffen, MD Germany
Michael Stewart, MD USA
Maria Suurna, MD USA
Erica Thaler, MD USA
Eric Thuler, MD Brazil
Carlos Torre, MD USA
Olivier Vanderveken, MD Belgium
Vik Veer, MD England
Thomas Verse, MD Germany
Edward Weaver, MD USA
Andrew Wellman, MD USA
Tucker Woodson, MD USA
Kathleen Yaremchuk, MD USA
Edilson Zancanella, MD Brazil

FRIDAY, MAY 10

7:00 am – 5:00 pm	Registration/Information Desk Open
7:00 am – 8:00 am	Breakfast with Exhibitors
WELCOME & INTRODUCTION	
8:00 am – 8:30 am	Introduction <i>Ofer Jacobowitz, MD, PhD & Maria Suurna, MD</i>
	Comments from ISSS President <i>Stacey Ishman, MD</i>
	Introduction of Sleep Surgery Fellowship Programs <i>Christine Heubi, MD</i>
PERSONALIZED TREATMENT OF OSA <i>MODERATORS: Tucker Woodson, MD, Guillermo Plaza Mayor, MD</i>	
8:30 am – 8:45 am	Physiologic Typing for OSA <i>Andrew Wellman, MD</i>
8:45 am – 9:00 am	How Sleep Studies Can Direct Therapy <i>Alan Schwartz, MD</i>
9:00 am - 9:15 am	How Anatomy Directs Treatment <i>Tucker Woodson, MD</i>
9:15 am – 9:30 am	Outcomes for OSA Therapies <i>Olivier Vanderveken, MD</i>
9:30 am – 10:00 am	Case Presentations & Discussion
10:00 am – 10:15 am	Coffee Break with Exhibitors
KEYNOTE LECTURE I	
10:15 am – 10:50 am	Sleep in Women <i>Meir Kryger, MD</i>
10:50 am – 11:00 am	Discussion
LIVING (OR NOT) WITH SNORING? <i>MODERATORS: Vaclav Pavelec, MD, Ahmed Baghat, MD</i>	
11:00 am – 11:10 am	How to Evaluate a Snoring Patient <i>Oleg Froymovich, MD</i>
11:10 am – 11:20 am	Why Treat Snoring? <i>Kathleen Yaremchuk, MD</i>
11:20 am – 11:30 am	Procedures for Snoring <i>Bhik Kotecha, MD</i>
11:30 am – 11:40 am	Medical Devices for Snoring Treatment <i>Itsuo Nakajima, MD</i>
11:40 am – 12:30 pm	Case Presentations & Discussion
12:30 pm – 1:30 pm	Lunch with Exhibitors

AGENDA

FRIDAY, MAY 10 *continued*

CONCURRENT SESSION 1A		CONCURRENT SESSION 1B	
BURDEN OF OSA: THE GOALS OF TREATMENT <i>MODERATORS: Alan Kominsky, MD, Mustafa Gerek, MD</i>		PEDIATRIC SLEEP APNEA <i>MODERATORS: Evan Propst, MD, Megan Durr, MD</i>	
1:30 pm – 1:40 pm	Treating Risk? Which Parameters Matter? <i>Edilson Zancanella, MD</i>	1:30 pm – 1:40 pm	Anatomy vs. Neuromuscular Tone <i>Stacey Ishman, MD</i>
1:40 pm – 1:50 pm	CV Outcomes of OSA <i>Daniel Gottlieb, MD</i>	1:40 pm – 1:50 pm	Pediatric OSA and Blood Pressure <i>Wei-Chung Hsu, MD</i>
1:50 pm – 2:00 pm	Surgical Outcomes for OSA <i>Edward Weaver, MD</i>	1:50 pm – 2:00 pm	Tonsillectomy vs. Tonsillotomy <i>Pia Nerfeldt, MD</i>
2:00 pm – 2:10 pm	Functional Outcomes- Treating Sleepiness <i>Danielle Friberg, MD</i>	2:00 pm – 2:10 pm	Nasal Obstruction in Pediatric OSA <i>Cristina Baldassari, MD</i>
2:10 pm – 2:30 pm	Discussion	2:10 pm – 2:30 pm	Discussion

CONCURRENT SESSION 2A		CONCURRENT SESSION 2B	
INDIVIDUALIZED OSA CARE - SPECIAL POPULATIONS <i>MODERATORS: Martin Hopp, MD, David Kent, MD</i>		ADVANCED PEDIATRIC TREATMENTS <i>MODERATORS: Norman Friedman, MD, Ron Mitchell, MD</i>	
2:30 pm – 2:40 pm	Military Population <i>Peter O'Connor, MD</i>	2:30 pm – 2:40 pm	Pediatric Tongue Base Surgery <i>Sally Shott, MD</i>
2:40 pm – 2:50 pm	Overlap Syndrome <i>Ana Krieger, MD</i>	2:40 pm – 2:50 pm	Maxillary Expansion/Midfacial Surgery <i>Jay Neugarten, MD</i>
2:50 pm – 3:00 pm	Pregnancy <i>Grace Pien, MD</i>	2:50 pm – 3:00 pm	Treatment of OSA in Complex Pediatric Patients <i>Derek Lam, MD</i>
3:00 pm – 3:10 pm	Sexual Dysfunction and Sleep Apnea <i>Natan Bar-Chama, MD</i>	3:00 pm – 3:10 pm	Hypoglossal Neurostimulation in Pediatric Patients <i>Christopher Hartnick, MD</i>
3:10 pm – 3:30 pm	Discussion	3:10 pm – 3:30 pm	Discussion
3:30 pm – 3:45 pm	Coffee Break with Exhibitors	3:30 pm – 3:45 pm	Coffee Break with Exhibitors

AGENDA

FRIDAY, MAY 10 *continued*

CONCURRENT SESSION 3A

CONCURRENT SESSION 3B

PALATOPHARYNGOPLASTY FOR THE 21ST CENTURY <i>MODERATORS: Peter Baptista, MD, Michael Friedman, MD</i>		THE YEAR IN SLEEP APNEA - BEST PAPERS <i>MODERATORS: Marina Carrasco-Llatas, MD, Nico DeVries, MD</i>	
3:45 pm – 3:55 pm	Surgery as Primary Treatment <i>Stuart Mackay, MD</i>	3:45 pm – 4:35 pm	TBD
3:55 pm – 4:05 pm	Choice of Palatopharyngoplasty Technique <i>Rodolfo Lugo Saldana, MD</i>		
4:05 pm – 4:15 pm	What's Next After Unsuccessful Surgery? <i>Victor Certal MD, PhD</i>		
4:15 pm – 4:25 pm	Complications of Palatopharyngeal Surgery <i>Kenny Pang, MD</i>		
4:25 pm – 4:35 pm	Less Pain, More Gain <i>Andrew Goldberg, MD</i>		
4:35 pm – 5:00 pm	Discussion	4:35 pm – 5:00 pm	Discussion

7:00 PM - SOCIAL EVENT

SATURDAY, MAY 11

7:00 am – 5:30 pm	Registration/Information Desk Open
7:00 am – 8:00 am	Breakfast with Exhibitors
DISE PANEL: PRO AND CON <i>MODERATORS: Evert Hamans, MD, Katherine Green, MD</i>	
8:00 am – 9:30 am	Panel <i>Marc Blumen, MD, Vik Veer, MD, Winfried Hohenhorst, MD, An Boudewyns, MD, & Eric Thuler, MD</i>
KEYNOTE LECTURE II	
9:30 am- 10:00 am	Perioperative Care of OSA <i>Frances Chung, MD</i>
10:00 am – 10:15 am	Discussion
10:15 am – 10:30 am Coffee Break with Exhibitors	
NEUROSTIMULATION FOR SLEEP APNEA: TODAY AND TOMORROW <i>MODERATORS: Clemens Heiser, MD, PhD, Maria Suurna, MD</i>	
10:30 am – 10:40 am	Neurostimulation: Evolving Standard of Care for Sleep Apnea <i>Joachim Maurer, MD</i>
10:40 am – 10:50 am	Bilateral Neurostimulation <i>Richard Lewis, MD</i>
10:50 am – 11:00 am	Phrenic Nerve Stimulation for Central Sleep Apnea <i>Shahrokh Javaheri, MD</i>
11:00 am – 11:15 am	Targeted Hypoglossal Neurostimulation <i>Ofer Jacobowitz, MD, PhD</i>
11:15 am – 11:30 am	Improving Outcomes of Selective Neurostimulation <i>Maurits Boon, MD</i>
11:30 am – 12:00 pm	Case Presentations and Discussion
12:00 pm – 1:00 pm Lunch with Exhibitors	

AGENDA

SATURDAY, MAY 11 *continued*

CONCURRENT SESSION 4A

CONCURRENT SESSION 4B

FIRST IN LINE: THE NOSE <i>MODERATORS: Colin Huntley, MD, Fabio Lorenzetti, MD</i>		OPTIMIZING TREATMENT FOR TOMORROW <i>MODERATORS: Carlos Torre MD, Madeline Ravesloot, MD</i>	
1:00 pm – 1:10 pm	Nasal Breathing and OSA Diagnosis/Treatment <i>Shintaro Chiba</i>	1:00 pm – 1:10 pm	Losing Weight, Without Surgery <i>Katherine Saunders MD</i>
1:10 pm – 1:20 pm	The Value of Nasal Surgery for OSA <i>Michael Stewart, MD</i>	1:10 pm – 1:20 pm	Sleep Home of Tomorrow <i>Rayleigh Chiang, MD</i>
1:20 pm – 1:30 pm	Plasticity of Route of Breathing <i>Nicolas Busaba, MD</i>	1:20 pm – 1:30 pm	Diagnostic Applications for Home Monitoring <i>Robson Capasso, MD</i>
1:30 pm – 1:40 pm	UARS – A Distinct Disorder? <i>Ryan Soose, MD</i>	1:30 pm – 1:40 pm	Positional Therapy <i>Ulrich Sommer, MD</i>
1:40 pm – 1:50 pm	Allergies and OSA <i>Noah Siegel MD</i>	1:40 pm – 1:50 pm	PAP Technology <i>David Rapoport, MD</i>
1:50 pm – 2:15 pm	Discussion	1:50 pm – 2:15 pm	Discussion

CONCURRENT SESSION 5A

CONCURRENT SESSION 5B

GETTING TO THE BOTTOM...OF THE TONGUE <i>MODERATORS: Stephane Hans, MD, Mark D'Agostino, MD</i>		ADVANCES IN ORAL APPLIANCES & SKELETAL SURGERY <i>MODERATORS: Samuel Mickelson, MD, Jose Barrera MD</i>	
2:15 pm – 2:25 pm	Tongue Base Reduction - Techniques That Work <i>Vikas Agarwal, MD</i>	2:15 pm – 2:25 pm	Improving Outcome with OAT <i>Michael Goldberg, DMD</i>
2:25 pm – 2:35 pm	Hyoid Suspension 2019 <i>Boyd Gillespie, MD</i>	2:25 pm – 2:35 pm	Complication Management in Oral Appliance Therapy <i>David Binder, DDS</i>
2:35 pm – 2:45 pm	Genioglossus Advancement <i>Sung Wan Kim, MD</i>	2:35 pm – 2:45 pm	MMA, Long Term Outcomes <i>Tod Huntley, MD</i>
2:45 pm – 2:55 pm	Do You Need Surgery in Era of Neurostimulation? <i>Paul Hoff, MD</i>	2:45 pm – 2:55 pm	MMA With Adjunctive Procedures When and Why? <i>Stanley Liu, MD, PhD</i>
2:55 pm – 3:05 pm	Robot-Assisted Surgery Outcome <i>Erica Thaler, MD</i>	2:55 pm – 3:05 pm	Advanced and Future Oral Devices (Invicta, OnA, Belfour, Oventus) <i>David Schwartz, DDS</i>
3:05 pm – 3:30 pm	Discussion	3:05 pm – 3:30 pm	Discussion
3:30 pm – 3:45 pm	Coffee Break with Exhibitors	3:30 pm – 3:45 pm	Coffee Break with Exhibitors

AGENDA

SATURDAY, MAY 11 *continued*

CONCURRENT SESSION 6A	CONCURRENT SESSION 6B
MULTILEVEL SURGERY TODAY MODERATORS: <i>Frederic Chabolle, MD, Ottavio Piccin, MD</i>	RESEARCH PRESENTATION TBD MODERATORS: <i>Boris Chernobilsky, MD Thomas Verse, MD</i>
3:45 pm – 3:55 pm When to Perform Multilevel Surgery <i>Karl Hörmann, MD</i>	3:45 pm – 3:55 pm <i>TBD</i>
3:55 pm – 4:05 pm Why Not Perform Multilevel Surgery <i>Michel Cahali, MD</i>	
4:05 pm – 4:15 pm Neurostimulation in Multilevel Surgery <i>Armin Steffen, MD</i>	
4:15 pm – 4:25 pm Multilevel Radiofrequency Treatment <i>Vijaya Krishnan, MD</i>	
4:25 pm – 4:35 pm Epiglottic Collapse – How to Manage It <i>Julia Crawford, MD</i>	
4:35 pm – 4:45 pm Avoiding Complications <i>Hsin-Ching Lin, MD</i>	
4:45 pm – 5:15 pm Case presentation and Discussion	4:45 pm – 5:15 pm Q&A
5:15 pm – 5:30 pm Closing Remarks	5:15 pm – 5:30 pm Closing Remarks

MEMBERSHIP

SAVE ON REGISTRATION FEES & SIGN UP TO BE A MEMBER TODAY

This is an exciting time in sleep surgery, with major developments that are improving our ability to treat patients suffering from sleep disorders. The ISSS is the major organization dedicated to this field, and the ISSS contributes to these advances in sleep surgery through organizing scientific meetings that enable leading surgeons from around the world to share their experiences with the latest surgical techniques and cutting-edge research. The ISSS has initiated some research studies that are addressing important questions that patients and surgeons face every day.

MEMBER BENEFITS

- ✓ The USD 100 dues entitle the member to a number of benefits:
- ✓ Discounted rates for attendance at ISSS meetings
- ✓ Support ISSS efforts in the education of patients and colleagues about sleep surgery
- ✓ Promote sleep surgery research
- ✓ Receipt of ISSS newsletter
- ✓ Listing on this website as an ISSS member
- ✓ Join us in these efforts by becoming an ISSS member or renewing your membership!

To BECOME AN ISSS MEMBER, please submit a completed Application Form and payment of USD 100 dues at <https://surgicalsleep.org/membership/>

COURSE DESCRIPTION, LEARNING OBJECTIVES AND ACCREDITATION



COURSE DESCRIPTION

Obstructive sleep apnea (OSA) is a disorder characterized by upper airway collapse during sleep. Estimated prevalence of OSA is 24% in men and 9% in women. Awareness of cognitive impairment and cardiovascular morbidity associated with OSA has been increasing. Many diagnostic and treatment techniques to optimize treatment outcomes have been developed. It is essential for physicians to stay up-to-date on new technology and treatment approaches in order to provide optimal management of patients with OSA. This course will bring together experts in sleep surgery and sleep medicine from different parts of the world. The course will feature lectures on the most current sleep apnea patient care by local and international experts. The goal is to educate the participants on the latest research and advancements in OSA treatment.

EDUCATIONAL OBJECTIVES

Upon completion of this course participants should be able to:

- a. Describe the pathophysiology of OSA, become familiar with current research on mechanisms of sleep apnea.
- b. Recognize the common causes of CPAP intolerance and understand the role of adjunctive or alternative therapies in the treatment of OSA.
- c. Discuss the most current OSA medical and surgical evaluation and treatment options.
- d. Organize and implement a successful multidisciplinary approach to treat patients with OSA.

ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the American College of Legal Medicine and International Surgical Sleep Society. The American College of Legal Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The American College of Legal Medicine designates this live activity for a maximum of 14.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

VENUE AND HOTEL ACCOMODATIONS

New York Marriott Marquis

1535 Broadway | New York, New York 10036
212-398-1900 | www.nymarriottmarquis.com

Set in the Heart of Times Square

on West 46th Street and Broadway, the New York Marriott Marquis lets you experience all the magic of New York from the moment you arrive. Feel the energy all around you, both within the hotel and as soon as you step outside. Inside the towering hotel, you'll find some of New York City's largest hotel rooms and suites, multiple restaurants - including the only revolving restaurant in the city and our new outdoor lounge - 100,000 square feet of meeting and event space and a knowledgeable staff to help you navigate this expansive and ever-changing city.

Reservations: 877-303-0104

Direct Booking Link: 2019 ISSS Meeting

Room Rate: \$299.00 Double/Double or King excluding taxes

Hotel Deadline: On or before Tuesday, April 16, 2019

PARKING:

Overnight Parking - Registered Guests

24 Hours Maximum

Cars - \$65.00

SUV (Explorers, Mini-Vans, etc.) - \$75.00

Oversize (F150's, Yukons, Suburbans, etc.) - \$90.00

TRANSIT PARKING (HOURLY)

12 Hours Maximum

0-3 hours: Cars = \$40 Oversized = \$50 Supersized = \$60

3-12 hours: Cars = \$53 Oversized = \$63 Supersized = \$78

In & Out privileges are an additional \$10

*No vans, limousines or motorcycles

*All transients over 12 hours fall under overnight rates

*18.375% NYC parking tax included



REGISTRATION FORM

EARLY BIRD ENDS JANUARY 31, 2019

Name	Degree		
Institution			
Address			
City	State/PV	ZIP/PC	Country
Office Phone	Cell Phone		
Email			
Special Dietary Needs			
How did you hear about the Conference?			

REGISTRATION FEES

	Through January 31, 2019	After January 31, 2019
<input type="radio"/> ISSS Member MD/DO, DDS/DMD	\$600	\$650
<input type="radio"/> ISSS Member Allied Health Professional	\$300	\$350
<input type="radio"/> Non-Member MD/DO, DDS/DMD	\$700	\$750
<input type="radio"/> Non-Member Allied Health Professional	\$350	\$400
<input type="radio"/> Student/Resident/Fellow	\$225	\$275

CANCELLATION POLICY

Registration cancellations must be received by the management office by email to curtis@veritasmeeingsolutions.com no later than April 2, 2019 for a refund of tuition to be issued. No refunds will be given after April 2, 2019. A \$50 cancellation fee will be applied. The organizers will not refund any travel costs incurred.

PAYMENT METHOD (US funds only)

Check Enclosed (make checks payable to International Surgical Sleep Society) \$_____

Credit Card: Visa MasterCard Discover American Express \$_____

Card Number _____ Expires Mo/Yr _____ CVV _____

Billing Address _____

Signature _____ Date _____

Mail: International Surgical Sleep Society, 1061 East Main Street, Ste 300 | East Dundee, IL 60118

Email: sue@veritasmeeings.com | Phone: 847.752.5355 | fax 847.960.3861

Register Online and to view course information, please visit: www.sleepsurgery2019.com/registration-fees

A PDF of the registration page will also be available on the website to print and mail or fax to the ISSS office.



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