

**SASM** Society of Anesthesia  
and Sleep Medicine

**4<sup>th</sup> Annual Meeting**  
**October 9-10, 2014**



**Safety in Surgical  
Patients with Sleep  
Disordered Breathing**

**Hotel Monteleone**  
**New Orleans, LA**

**Program Chair:**  
Peter Gay, MD  
Mayo Clinic

**Program Co-Chair:**  
Girish P. Joshi, MBBS  
University of Texas Southwestern  
Medical Center

# Meeting Accreditation Information

## Program Objective

The objective of this meeting is to provide a forum for discussions pertaining to the common grounds between sleep and anesthesia. The goal is to promote excellence in medical care, research and education in anesthesia, sleep medicine and perioperative medicine.

## Target Audience

This conference is designed for anesthesiologists, critical care physicians, residents, fellows-in-training, general medicine physicians, pulmonary physicians, sleep medicine physicians, surgeons, scientists and allied health care professionals.

## Practice Gaps

The overall goal of SASM is to advance standards of care for clinical problems shared by anesthesiology and sleep medicine, including perioperative management of sleep disordered breathing (SDB), and to promote interdisciplinary communication, education and research in matters common to anesthesia and sleep.

### To identify and address present clinical practice gaps we propose to:

- Explore the mechanisms whereby anesthetic agents and opioids may affect respiratory function and the safety benefit that alternative or additive medications might offer
- Examine various methodologies to measure respiratory rate, minute ventilation, or carbon dioxide elimination and their possible impact on avoiding adverse postoperative outcomes
- Better understand the use of more sophisticated modes used to deliver positive airway pressure therapy in patients requiring NIV to treat ventilatory insufficiency
- Discuss several methods of predicting safety hazards/risk factors and what has been and could be learned from the application of these assessments
- Note some special challenges encountered in those treating premature infants, children, and when performing surgery for sleep apnea as an outpatient procedure

## Learning Objectives

1. Understand the issues surrounding 'Safety Concerns of the Perioperative Patient With Sleep Disordered Breathing' and its relationship between anesthesia and sleep medicine;
2. Recognize factors and the mechanisms for postoperative respiratory complications resulting from pain, disrupted sleep and breathing, as well as the perioperative impact of sedatives and opioids in both adults and children;
3. Enhance interpretation and appropriate application of several modalities used to assess ventilatory behavior and become comfortable with newer modes of non-invasive ventilation (NIV) used to treat sleep disordered breathing;
4. Discuss various risk assessment tools and reveal several clinical situations resulting in special challenges to caregivers in terms of outcome and management in the perioperative period.

## Accreditation Statement

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 sponsorship of the Institute for the Advancement of Human Behavior (IAHB) and the Society of Anesthesia and Sleep Medicine (SASM). The IAHB is accredited by the ACCME to provide continuing medical education for physicians.

## Credit Designation Statement

The IAHB designates this live activity for a maximum of **11.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Hotel Information

The SASM 4th Annual Meeting will be taking place at the Hotel Monteleone in New Orleans, LA, from October 9-10, 2014. Starting in **May, 2014**, please make your hotel reservations online through the American Society of Anesthesiologists (ASA) room block by visiting [www.ASAhq.org](http://www.ASAhq.org). Be sure to book your room as soon as possible to ensure availability!

# Schedule of Events

## Thursday, October 9, 2014

Time	Topic	Moderator
1:00 - 1:05 pm	Welcome	Peter Gay, MD
1:05 - 3:00 pm	Anesthesia Safety	
	<ul style="list-style-type: none"> <li>• <b>Pain and Disrupted Sleep - A Bidirectional Relationship</b> <i>David Hillman, MD</i></li> <li>• <b>Can Dexmedetomidine Replace Opioids?</b> <i>Mervyn Maze, MB, ChB</i></li> <li>• <b>Carotid Body Chemoreceptor Function and Relationship to Anesthetic Agents</b> <i>Malin Fagerlund, MD, PhD</i></li> <li>• <b>Is There An Ideal Anesthetic Regime for OSA?</b> <i>Matthias Eikermann, MD, PhD</i></li> <li>• <b>The Mechanisms Underlying Long-term Memory Deficits After Anesthesia</b> <i>Beverley Orser, MD, PhD</i></li> <li>• <b>Discussion/Q&amp;A</b></li> </ul>	Bhargavi Gali, MD
3:00 - 3:25 pm	Break	
3:25 - 5:00 pm	Workshop: Postoperative Monitoring & Non-Invasive Ventilation	
	<b>Respiratory Rate, Acoustic Monitor, Minute Ventilation, Expired CO2</b> <ul style="list-style-type: none"> <li>• <b>Respiratory Rate: Plethysmography vs. Acoustic Monitor</b> <i>Scott Kelley, MD vs. Michael Ramsay, MD</i></li> <li>• <b>Minute Ventilation vs. Expired CO2 Monitoring</b> <i>Evan Pivalizza, MBChB, MD vs. Satya Krishna Ramachandran, MD</i></li> <li>• <b>Discussion/Q&amp;A</b></li> </ul>	Stavros Memtsoudis, MD, PhD
5:00 - 6:00 pm	<b>How to Do PAP Therapy:</b> <ul style="list-style-type: none"> <li>• <b>AVAPS, Trilogy</b> - <i>Lisa Wolfe, MD</i></li> <li>• <b>ASV, VPAP Adapt</b> - <i>Peter Gay, MD</i></li> <li>• <b>Discussion/Q&amp;A</b></li> </ul>	Michael Pilla, MD
6:00 - 6:30 pm	Welcome Reception	
6:30 - 8:30 pm	Dinner	
6:30 - 6:35 pm	Welcome and Introductions	Frances Chung, MB BS
6:35 - 6:45 pm	IARS President Address - <i>Denise Wedel, MD</i>	
6:45 - 7:30 pm	Dinner Followed by Additional Speakers	
7:30 - 8:00 pm	<b>Propofol: Murder, Mayhem and Mercy</b> - <i>Steven Shafer, MD</i>	
8:00 - 8:30 pm	<b>Zero by 2020: Time to Co-Operate</b> - <i>Joe Kiani, EEE</i>	

## Friday, October 10, 2014

7:00 - 7:55 am	Registration and Continental Breakfast	
7:15 - 7:55 am	Annual General Meeting	Text
7:55 - 8:00 am	Welcome	Frances Chung, MB BS
	<b>Moderator:</b> <i>Peter Gay, MD</i>	
8:00 - 8:50 am	<b>Keynote: How New Technologies Will Impact Patient Safety</b>	Mark Warner, MD
8:50 - 9:30 am	<b>Keynote: Predicting Safety Hazards - MEWS, PEWS, SCHMEWS</b>	Tim Morgenthaler, MD
9:30 - 10:00 am	<b>Life Threatening Respiratory Events</b>	Lorri Lee, MD
10:00 - 10:15 am	Q & A	
10:15 - 10:45 am	Refreshment Break and Poster Viewing	

# Schedule of Events (continued)

Friday, October 10, 2014 (continued)		
	<b>Moderator:</b> <i>Babak Mokhlesi, MD</i>	
<b>10:45 - 11:10 am</b>	<b>The Obstructive Sleep Apnea Phenotype</b>	<i>Atul Malhotra, MD</i>
<b>11:10 - 11:35 am</b>	<b>Preoperative Red Flags and Preparation of Patients with OSA</b>	<i>Amy Guralnick, MD</i>
<b>11:35 am - 12:00 pm</b>	<b>Rational Pain Management in the Patient with Sleep Disordered Breathing</b>	<i>Girish P. Joshi, MBBS</i>
<b>12:00 - 12:15 pm</b>	<b>Q &amp; A</b>	
<b>12:15 - 1:15 pm</b>	Lunch Break and Poster Viewing	
<b>1:15 - 1:45 pm</b>	Awards to Research Grant and Scientific Abstracts Winners  Presentations from Research Grant and Best of Abstract Winners	<i>Frances Chung, MB BS</i> <i>Anthony Doufas, MD, PhD</i>
	<b>Moderator:</b> <i>Roop Kaw, MD</i>	
<b>1:45 - 2:10 pm</b>	<b>Should Upper Airway Surgery be Done as an Outpatient Surgery?</b>	<i>Tucker Woodson, MD</i>
<b>2:10 - 2:35 pm</b>	<b>Predicting Cardiac Arrest on the Wards: Past, Present and Future</b>	<i>Matthew Churpek, MD, PhD</i>
<b>2:35 - 2:45 pm</b>	<b>Q &amp; A</b>	
<b>2:45 - 3:15 pm</b>	Refreshment Break and Poster Viewing	
	<b>Moderator:</b> <i>Dennis Auckley, MD</i>	
<b>3:15 - 3:40 pm</b>	<b>Pregnancy and Obstructive Sleep Apnea</b>	<i>Ellen Lockhart, MD</i>
<b>3:40 - 4:05 pm</b>	<b>Adenotonsillectomy Outcomes in Treatment of Obstructive Sleep Apnea in Children</b>	<i>Rakesh Bhattacharjee, MD</i>
<b>4:05 - 4:25 pm</b>	<b>Guidelines for Perioperative Management of Patients with OSA</b>	<i>Tracey Stierer, MD</i>
<b>4:25 - 4:45 pm</b>	<b>Perioperative CPAP: Is It Efficacious?</b>	<i>Frances Chung, MB BS</i>
<b>4:45 - 5:00 pm</b>	<b>Q &amp; A</b>	
<b>5:00 pm</b>	i-Pad Giveaway and Closing Remarks	<i>Peter Gay, MD</i>

## Invited Faculty

**Dennis Auckley, MD**  
*MetroHealth Medical Center*

**Rakesh Bhattacharjee, MD**  
*University of Chicago*

**Frances Chung, MB BS**  
*University of Toronto*

**Matthew Churpek, MD, PhD**  
*University of Chicago Hospitals*

**Anthony Doufas, MD, PhD**  
*Stanford University School of Medicine*

**Matthias Eikermann, MD, PhD**  
*Massachusetts General Hospital*

**Malin Fagerlund, MD, PhD**  
*Karolinska Institutet and Karolinska University*

**Bhargavi Gali, MD**  
*Mayo Clinic*

**Peter Gay, MD**  
*Mayo Clinic*

**Amy Guralnick, MD**  
*University of Chicago*

**David Hillman, MD**  
*Sir Charles Gairdner Hospital*

**Girish P. Joshi, MBBS**  
*University of Texas Southwestern Medical Center*

**Roop Kaw, MD**  
*Cleveland Clinic*

**Scott Kelley, MD**  
*Covidien*

**Joe Kiani, EEE**  
*Masimo Corporation*

**Lorri Lee, MD**  
*Vanderbilt University*

**Ellen Lockhart, MD**  
*Washington University School of Medicine*

**Atul Malhotra, MD**  
*University of California, San Diego*

**Mervyn Maze, MB, ChB**  
*University of California, San Francisco*

**Stavros Memtsoudis, MD, PhD**  
*Weill Cornell Medical College*

**Babak Mokhlesi, MD**  
*University of Chicago*

**Tim Morgenthaler, MD**  
*Mayo Clinic*

**Beverley Orser, MD, PhD**  
*University of Toronto*

**Michael Pilla, MD**  
*Vanderbilt University*

**Evan Pivalizza, MBChB, MD**  
*University of Texas Health Science Center - Houston*

**Satya Krishna Ramachandran, MD**  
*University of Michigan Medical Center*

**Michael Ramsay, MD**  
*Baylor University Medical Center*

**Steven Shafer, MD**  
*Stanford University*

**Tracey Stierer, MD**  
*John Hopkins University*

**Mark Warner, MD**  
*Mayo Clinic*

**Denise Wedel, MD**  
*Mayo Clinic*

**Lisa Wolfe, MD**  
*Northwestern University Feinberg School of Medicine*

**Tucker Woodson, MD**  
*Medical College of Wisconsin*



# SAVE THE DATE

## 4<sup>th</sup> Annual Meeting October 9-10, 2014

### Hotel Monteleone New Orleans, LA



Society of Anesthesia  
and Sleep Medicine

**SASM**  
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Society of Anesthesia  
and Sleep Medicine (SASM)  
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Milwaukee, Wisconsin 53214

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**SASM**