

# Society of Anesthesia and Sleep Medicine (SASM)

# SASM



3<sup>rd</sup> Annual Meeting  
October 10-11, 2013  
Le Méridien San Francisco



## Opioids, Respiratory Depression and Sleep-Disordered Breathing (SDB): Perioperative Implications

*Program Chair:*  
Babak Mokhlesi, MD, MSc  
University of Chicago

*Program Co-Chair:*  
Frances Chung, MBBS  
University of Toronto  
*SASM President-Elect*



# Schedule of Events

## Thursday, October 10, 2013

<b>3:00-3:05pm</b>	Introduction to Workshops	Babak Mokhlesi, MD, MSc
<b>3:05-6:00pm</b>	<b>Moderators:</b> Peter Gay, MD, Roop Kaw, MD	
<b>3:05-6:00pm</b>	<b>Workshop 1: Protocol Development for the Perioperative Management of Patients with SDB</b> <ul style="list-style-type: none"> <li>Review Challenges in Implementing a Perioperative OSA Program (Intermountain Experience: Tom Cloward, MD; Toronto and Singapore Experience: Edwin Seet, MD; Vanderbilt Experience: Michael Pilla, MD)</li> <li>Discussion/Q&amp;A</li> <li>How to do PAP Therapy (MetroHealth Experience: Dennis Auckley, MD)</li> <li>Clinical Trial Design and Outcomes to be Measured (David Hillman, MD)</li> <li>Discussion/Q&amp;A</li> </ul>	
<b>2:00-6:00pm</b>	<b>Moderators:</b> Mervyn Maze, MB, ChB, Mark Opp, PhD, Richard Horner, PhD	
<b>1:00-3:05pm</b> <b>3:05-6:00pm</b>	<b>Pre-Workshop Special Interest Group Meeting</b> <b>Workshop 2: Basic Science of Sleep</b> <ul style="list-style-type: none"> <li>Upper Airway Tone and Patency in the Postoperative Period (Atul Malhotra, MD)</li> <li>Interactive Effects of Anesthesia, Opioids and Sleep on Breathing and Arousal in the Perioperative Period (Matthias Eikermann, MD)</li> <li>Sleep as an Immune System Regulator During the Perioperative Period (Mark Opp, PhD)</li> <li>Discussion/Q&amp;A</li> <li>Sedation and Natural Sleep (Mervyn Maze, MB, ChB)</li> <li>Impact of Anesthesia on Circadian Rhythms (Max Kelz, MD, PhD)</li> <li>Reanimation from General Anesthesia: The Role of Dopamine (Ken Solt, MD)</li> <li>Discussion/Q&amp;A</li> </ul>	
<b>6:00-6:45pm</b>	Welcome Reception	
<b>6:45-8:15pm</b>	Dinner with Invited Speakers ( <i>Additional Fee Required</i> )	
	Introduction of the Incoming ASA President: Jane C.K. Fitch, MD	David Hillman, MD
	Shared Circuits of Anesthesia and Sleep: Basic Mechanisms and Clinical Relevance	Ralph Lydic, PhD

## Friday, October 11, 2013

<b>7:00-7:55am</b>	Registration and Continental Breakfast	
<b>7:55-8:00am</b>	Introduction	David Hillman, MD
<b>8:00-10:45am</b>	<b>Moderator:</b> Babak Mokhlesi, MD, MSc	
<b>8:00-8:50am</b>	<b>Keynote:</b> Neural Mechanisms of Sleep and Sedation-Induced Respiratory Depression	Richard Horner, PhD
<b>8:50-9:30am</b>	<b>Keynote:</b> Opioids and Central Sleep Apnea	Shahrokh Javaheri, MD
<b>9:30-10:00am</b>	Delirium in Hospitalized Patients, Role of Sleep Disruption, Opioids and Pain	Jacqueline Leung, MD, MPH
<b>10:00-10:15am</b>	Discussion/Q&A	
<b>10:15-10:45am</b>	Refreshment Break and Poster Viewing	

# Schedule of Events (continued)

Friday, October 11, 2013 (continued)		
10:45am-12:15pm	<b>Moderator:</b> Frances Chung, MBBS	
10:45-11:10am	Should All Postoperative Patients be Monitored on the Wards? Pro	Andreas Taenzer, MD
11:10-11:35am	Should All Postoperative Patients be Monitored on the Wards? Con	Satya Krishna Ramachandran, MD
11:35am-12:00pm	Impact of SDB on Postoperative Outcomes	Babak Mokhlesi, MD, MSc
12:00-12:15pm	Discussion/Q&A	
12:15-1:15pm	Lunch Break and Poster Viewing	
1:15-1:40pm	Awards to Scientific Abstract Winners	David Hillman, MD
1:40-3:15pm	<b>Moderator:</b> Roop Kaw, MD	
1:40-2:15pm	Non-PAP and PAP Treatment of OSA Postoperatively	Sairam Parthasarathy, MD
2:15-2:40pm	Sedation and Anesthesia as a Surrogate for Sleep in Clinical Investigation of the Upper Airway	Eric Kezirian, MD, MPH
2:40-2:55pm	Discussion/Q&A	
2:55-3:15pm	Refreshment Break and Poster Viewing	
3:15-5:00pm	<b>Moderator:</b> Norman Bolden, MD	
3:15-3:40pm	Anesthesia, SDB and Bariatric Surgery	Roman Schumann, MD
3:40-4:05pm	Suboxone (Buprenorphine/Naloxone) and Sleep-Disordered Breathing, or Look Out for that Low Ceiling!	Robert Farney, MD
4:05-4:25pm	Pain Management with Opioids in the Postoperative Period and Impact on SDB	Anthony Doufas, MD
4:25-4:45pm	Analgesic Management in Children After Tonsillectomy & Adenoidectomy	Kimmo Murto, MD
4:45-5:00pm	Discussion/Q&A	
5:00pm	i-Pad® Giveaway and Closing Remarks	Babak Mokhlesi, MD

## Invited Faculty

**Dennis Auckley, MD**  
MetroHealth Medical Center

**Norman Bolden, MD**  
SASM Secretary  
MetroHealth Medical Center

**Frances Chung, MBBS**  
SASM President-Elect  
Program Co-Chair  
University of Toronto

**Tom Cloward, MD**  
Intermountain Healthcare

**Anthony Doufas, MD**  
Stanford University

**Matthias Eikermann, MD**  
Massachusetts General Hospital

**Robert Farney, MD**  
Intermountain Healthcare

**Jane C.K. Fitch, MD**  
Incoming ASA President  
University of Oklahoma Health Sciences Center

**Peter Gay, MD**  
SASM Treasurer  
Mayo Clinic

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

**Richard Horner, PhD**  
University of Toronto

**Shahrokh Javaheri, MD**  
Sleepcare Diagnostics

**Roop Kaw, MD**  
SASM Board Member  
Cleveland Clinic

**Max Kelz, MD, PhD**  
University of Pennsylvania

**Eric Kezirian, MD, MPH**  
University of California, San Francisco

**Jacqueline Leung, MD, MPH**  
University of California, San Francisco

**Ralph Lydic, PhD**  
University of Michigan

**Atul Malhotra, MD**  
Brigham & Women's Hospital &  
Harvard Medical School

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

**Babak Mokhlesi, MD, MSc**  
SASM Board Member  
Program Chair  
University of Chicago

**Kimmo Murto, MD**  
Children's Hospital of Eastern Ontario

**Mark Opp, PhD**  
University of Washington

**Sairam Parthasarathy, MD**  
University of Arizona

**Michael Pilla, MD**  
Vanderbilt University School of Medicine

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

**Roman Schumann, MD**  
Tufts Medical Center

**Edwin Seet, MD**  
Alexandra Health Private Limited

**Ken Solt, MD**  
Massachusetts General Hospital

**Andreas Taenzer, MD**  
Dartmouth College

# 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.

- Explore the relationship between opioids, respiratory depression and Sleep-Disordered Breathing in the postoperative setting.
- Understand the growing evidence linking opioids to central sleep apnea.
- Understand the adverse impact of SDB on postoperative outcomes.
- Best practices in protocol development for the perioperative management of patients with SDB.
- Explore various methods of perioperative management of SDB, including both PAP and non-PAP modalities.

## Learning Objectives

After attending this educational activity, participants will be able to:

- Understand the mechanism of ventilatory control and the relationship between anesthesia and sleep;
- Recognize risk factors for the development of central sleep apnea due to opioids as well as the perioperative impact of sedatives/narcotics in both adults and children;
- Interpret the perioperative complications of Sleep-Disordered Breathing;
- Develop practice pathways to screen, diagnose, monitor/manage Sleep-Disordered Breathing 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 (ACCME) 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 Credit(s)<sup>TM</sup>**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Hotel Information

The SASM 3rd Annual Meeting will be taking place at the Le Méridien Hotel in San Francisco, CA. The closest hotel in the American Society of Anesthesiologists (ASA) room block is the Hyatt Regency Embarcadero Hotel, which is approximately two minutes away. Be sure to book your room as soon as possible to ensure availability.

To make your hotel reservations, go directly to [www.ASAhq.org](http://www.ASAhq.org) and click on the "Anesthesiology 2013" banner. Once there, hover over the "Registration Housing and Travel" link and click on "Housing." You will then find more information on housing at the ASA Annual Meeting, as well as a link, "Book your housing through Travel Planners here" to make your reservations online.

# SAVE THE DATE



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**SASM**  
Society of Anesthesia  
and Sleep Medicine (SASM)  
6737 W Washington Street  
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