



PEDIATRIC SEDATION OUTSIDE OF THE OPERATING ROOM

SAN FRANCISCO, SHERATON FISHERMAN'S WHARF HOTEL

FRIDAY, SEPTEMBER 15, 2017

FULL-DAY SEDATION SYMPOSIUM

The Fundamentals of Sedation: Bridging the Specialties

Special Limited Enrollment Offering

FULL-DAY PEDIATRIC SEDATION SIMULATION WORKSHOPS

SEPTEMBER 16-17, 2017

WEEKEND SEDATION CONFERENCE

The Cutting Edge of Sedation Across Specialties and Continents



COURSE DIRECTOR

KEIRA P. MASON, MD

DIRECTOR, FUNDAMENTALS OF SEDATION SYMPOSIUM
Mark G. Roback, MD

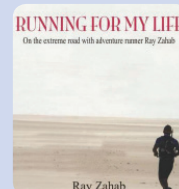
DIRECTOR, SEDATION SIMULATION WORKSHOPS
James Fehr, MD

DIRECTOR, AIRWAY WORKSHOP
Jennifer Dearden, MD

ABSTRACTS DEADLINE

JULY 1, 2017

KEYNOTE SPEAKERS



RAY ZAHAB
BEST-SELLING AUTHOR

Challenge. Distance. Discovery



STEWART L. COHEN, ESQ.

Founding Partner:
Cohen, Placitella and Roth



STEVEN SHAFER, MD
PROFESSOR OF ANESTHESIOLOGY

Expert Witness, Michael Jackson
Manslaughter Trial

www.PediatricSedationConference.com



PLANNING COMMITTEE



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Ronald Kosinski, DMD



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Mark Saxen DDS, PhD



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Pablo Sepúlveda, MD

COURSE STAFF



Amanda Buckley
Course Manager

WELCOME LETTER

Dear Colleagues and Friends:

Welcome to the 2017 Pediatric Sedation Outside of the Operating Room Weekend Conference, Friday Fundamentals of Sedation: Bridging the Specialties Symposium, Friday Pediatric Sedation Simulation Workshop, and our newest offering: Saturday Pediatric Dental Sedation Crisis Management Didactics and Simulation Workshop.

We are thrilled to host the 12th annual conference in San Francisco, CA. As always, we have a diverse group of internationally and nationally recognized speakers and attendees from a variety of disciplines. The disciplines represented include: anesthesiology, emergency medicine, dental medicine, hospital medicine, intensive care medicine, pediatrics, nursing, oncology, cardiology, radiology and hospital administration. Attendees travel from countries not limited to but including Italy, Netherlands, Greece, Israel, Canada, Australia, Hong Kong, New Zealand, Japan, Brazil, Indonesia, South Africa, and Singapore. The specialized tracks, round table luncheons, and open forums enable us to share our experiences, ideas, and challenges.

On behalf of the entire faculty, I would like to invite you to attend "Pediatric Sedation Outside of the Operating Room." We are certain that you will find the course and workshops both educational and enjoyable.

Sincerely,

Keira P. Mason, MD
Course Director

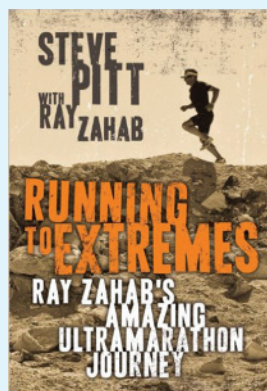
WELCOME RECEPTION SATURDAY, SEPTEMBER 16, 2017

Attendees and their guests are warmly invited to join the faculty for a complimentary reception on Saturday, September 16, 2017 at 6:00PM. The reception is intended to give attendees an opportunity to make connections with existing and new colleagues and mingle with the faculty.



Please note, a complete schedule for the Pediatric Dental Sedation Crisis Management and Symposium offerings are available online at: www.PediatricSedationConference.com

KEYNOTE SPEAKERS



RAY ZAHAB BEST-SELLING AUTHOR **Challenge. Distance. Discovery**

On November 1, 2006, the former “pack a day smoker” turned ultra runner, set out on an expedition to cross the Sahara Desert by foot. Ray is the author of two best-selling books: *Running for My Life* and *Running to Extremes*. Ray speaks around the world at events such as TED, IOC World Conference, Idea City, The Economist World, World Affairs Council, and numerous Apple Distinguished Educator events internationally. He has been interviewed and appeared on several talk and news programs including CNNi, The Hour, CBC, CTV, BBC, Jay Leno, and Discovery. In 2015 Canadian Geographic recognized Ray as one of Canada’s Top Explorers and he received the Meritorious Service Cross of Canada.

JOINT KEYNOTE LECTURE: MEDICAL LEGAL ISSUES OF SEDATION: Do We Really Need Informed Consent?



STEVEN SHAFER, MD Expert Witness, Michael Jackson Manslaughter Trial

Steven Shafer, MD is a Professor of Anesthesiology at Stanford University. In 2011, the International Society of Anaesthetic Pharmacology (ISAP) awarded Dr. Shafer their Lifetime Achievement Award. Dr. Shafer is the Editor-In-Chief of *Anesthesia & Analgesia*. He was also the expert witness in the Michael Jackson manslaughter trial.



STEWART L. COHEN, ESQ. Founding Partner, Cohen, Placitella and Roth

A Founding Partner at Cohen, Placitella, Roth P.C. , Mr Cohen has had a long record of successes including the “Top Settlement or Verdict of 2013 in Pennsylvania”, a “Top 100 Jury Verdict in the United States”, and a “Top 20 Recovery” in New Jersey. He won a landmark \$25 million case, recognized as one of the Top 100 Verdicts in the United States. His clients have included children catastrophically injured at birth because of sub-standard medical care. He has made it possible for victims to successfully recover against hospitals and physicians.

INTERNATIONAL FACULTY

NATIONAL FACULTY

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Specialist Clinical Associate
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FRIDAY, SEPTEMBER 15, 2017

FULL-DAY SEDATION SYMPOSIUM

The Fundamentals of Sedation: Bridging the Specialties

BACK BY POPULAR DEMAND! A Comprehensive Review of the Essentials of Pediatric Sedation

This one-day course is a comprehensive introduction and review of the fundamentals of pediatric sedation. This offers a unique opportunity to update your knowledge in the format of didactic sessions, open forum question-and-answers, clinical case reviews and interactive video presentations. An optional hands-on workshop will provide personalized one-on-one faculty attention to gain hands-on experience using manikins to practice basic airway resuscitation skills.

This course is designed to provide a review of topics related to the safe and effective delivery of minimal, moderate and sedation by inhalation, enteral, and parenteral routes of administration. This course serves as an introduction and review of the principles of sedation. Topics covered will include physiological monitoring, airway evaluation and management, pre-sedation patient assessment and post-sedation readiness for discharge, the basic pharmacology of commonly used sedatives, risk factors for adverse events, emergency preparedness and rescue. A special emphasis will be placed on non-pharmacologic techniques and strategies. Clinical case presentations will be presented in an interactive format to maximize discussion, collaborative sharing of ideas and consideration of all options. Case studies will include challenging and complex situations. Question and answer sessions will provide participants with forums to ask questions and discuss specific issues with course faculty.

This course will feature recognized leaders and faculty from different specialties, all leaders in the field of sedation. The attendee will have the opportunity to gain hands-on experience learning airway techniques to rescue patients from deep sedation, including manikin practice with face masks and ambu bag along with the insertion of nasal and oral airways in a personalized setting with manikins and real equipment.

LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:

- Review current recommendations regarding minimal, moderate and deep sedation.
- Evaluate the pharmacology and clinical application of commonly utilized sedatives and weigh the advantages, disadvantages, efficacy and adverse events associated with each option.
- Evaluate complex and challenging sedation scenarios and formulate a plan.
- Provide a comprehensive review of the patient pre-sedation assessment necessary to identify appropriate candidates for procedural sedation.
- Implement recommended physiologic monitoring including capnography used to assess status and to identify acute changes.
- Assess post-sedation readiness for discharge by applying standardized discharge criteria.
- Objectively consider sedative options based on patient condition, length and depth of targeted sedation and procedure to be performed.
- Employ non-pharmacologic techniques and strategies to minimize sedatives administered and improve the patient experience.
- Prepare for unanticipated emergency situations and perform rescue.



FRIDAY, SEPTEMBER 15, 2017

FULL-DAY SEDATION SYMPOSIUM

The Fundamentals of Sedation: Bridging the Specialties

Course Director: Keira P. Mason, MD**Director, Fundamentals of Sedation Symposium:** Mark Roback, MD

This full-day Introduction to Sedation Outside the OR symposium provides an overview of sedation and is directed toward a multidisciplinary audience that includes physicians, dentists, nurses and trainees. The morning session “sets the stage” for successful sedation and challenges the participants to consider their goals for sedation and how best to achieve them. The Pediatric Airway Workshop provides participants the opportunity to practice “hands-on” airway management techniques on manikins under the oversight of helpful, expert instructors. Case scenarios will be presented with the intent to foster vigorous discussion of options for sedation and best practice models. The simulations will emphasize the principles and skills presented during the symposium and allow participants the opportunity to reinforce their knowledge and understanding of the day’s curriculum.

7:00 – 8:00 AM	Registration and Breakfast
8:00 – 8:10 AM	Welcome and Introduction Keira Mason, MD and Mark Roback, MD
8:10 – 8:25 AM	Setting the Stage for Sedation Outside the OR Mark Roback, MD
8:25 – 8:45 AM	The Pediatric Airway: The Anatomy, Evaluation and Management Pearls Jennifer Dearden, MD
8:45 – 9:05 AM	Essentials of Pediatric Physiology and Anatomy Mohamed Mahmoud, MD
9:05 – 9:25 AM	Physiologic Monitoring Bhavani Kodali, MD
9:25 – 9:45 AM	From Start to Finish: Presedation Assessment & Post Sedation Readiness for Discharge Keira P. Mason, MD
9:45 – 10:00 AM	Question and Answer Panel
10:00 - 10:20 AM	MORNING BREAK
10:20 – 10:50 AM	Pharmacology of Sedation: Drugs, Routes and Delivery Options in Medical Sedation Maala Bhatt, MD
10:50 – 11:20 AM	Pharmacology of Sedation: Drugs, Routes and Delivery Options in Dental Sedation Philip Yen, DDS, MS
11:20 – 11:40 AM	Who’s at Risk? Anticipation, Preparation, and Management of Medical Sedation-Related Adverse Events Gary Andolfatto, MD
11:40 – 12:00 PM	Who’s at Risk? Anticipation, Preparation, and Management of Dental Sedation-Related Adverse Events Philip Yen, DDS, MS
12:00 – 12:15 PM	Question and Answer Panel
12:15 – 1:30 PM	Lunch or Optional Lunch Workshop: Airway Management Hands- On Workshop: (Basic Skills) Pre-registration and Fee Required Jennifer Dearden, MD (Workshop Director)
1:30 – 1:50 PM	Clinical Implications of Sedation Drug Combinations and Interactions Cyril Sahyoun, MD
1:50 – 2:10 PM	Ouch! Why and How to Treat Pain Before Sedation Egidio Barbi, MD
2:10 – 2:30 PM	Beyond the Drugs: Comfort Care and Improving the Patient Experience Piet Leroy, MD
2:30 – 2:50 PM	From Non-Pharmacology to a Holistic View On Procedural Comfort Care Richard Steffen, Dr. med dent. WBA KZM SSO
2:50 – 3:10 PM	Question and Answer Panel
3:10 – 3:30 PM	AFTERNOON BREAK
3:30 – 4:30 PM	Case Studies in Pediatric Medical and Dental Sedation Mark Roback, MD, Egidio Barbi, MD, Mohamed Mahmoud, MD, Douglas Carlson, MD, Philip Yen, DDS, MS
4:30 – 5:30 PM	Simulated Medical and Dental Sedation Interactive Videos Jon Chiles, MD, Douglas Carlson, MD, Ron Kosinski, DMD, Mark Roback, MD

FRIDAY, SEPTEMBER 15, 2017

PEDIATRIC SEDATION SIMULATION WORKSHOP

WORKSHOP DESCRIPTION

This course is intended for practitioners providing IV moderate sedation and deep sedation and offers an educational high fidelity simulation experience to provide skills for successful recognition and management of sedation-related complications. This unique and challenging program provides a clinical simulation experience that addresses the proper assessment and management of complications associated with moderate sedation, deep sedation. Following a brief introduction explaining essential principles, participants will demonstrate appropriate patient management on human patient simulators. (Laerdal SimMan). This full-day simulation workshop will provide each registrant with six clinical scenarios intended to improve individual skills as well as to impart an understanding of a team approach to crisis resource management. Each registrant will become part of a small team which will rotate together through each of the six scenarios over the course of the day. The scenarios are intended to improve individual skills as well as the team's reactions and responses. Effective post-simulation debriefings will integrate critical performance feedback, promote reflective practice, and augment future performance. The full-day of high fidelity simulation scenarios are taught by national and internationally recognized faculty of simulation experts and aims to provide participants with knowledge and skills to recognize and manage sedation-related emergencies.

Course registration is limited to provide each registrant with an optimal, educational hands-on experience. There will be an optional "working" lunch which offers the opportunity to have a hands-on experience with personalized faculty attention using manikins to develop and improve airway skills. The Basic Airway Workshop is intended to solidify skills at delivering positive pressure ventilation using a face mask and ambu bag along with the insertion of naso and oral airways.

Medical simulation is a highly adaptable tool for evaluating individual knowledge and team performance. Medical simulation can improve patient safety by raising an individual's awareness of their practice and by enhancing team cohesion and performance. Simulation provides a safe arena for learning and evaluation, trains with actual equipment used in the clinical realm, and provides for repetition and reflection. Medical simulation should be educational, reflective and fun.

LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:

- Explain the importance of human-factors leading to and in the management of crisis and prepare for the management of rare events.
- Summarize the components of a simulation based learning encounter and determine how to incorporate simulation into the process of training sedation care providers.
- Establish and demonstrate appropriate components of an adequate primary assessment.
- Develop an algorithm for the recognition and management of various anatomical and pathological causes of airway obstruction.
- Create a differential diagnosis for the etiology of respiratory depression and understand the different management techniques.
- Demonstrate appropriate management of cardiovascular compromise.
- Demonstrate proficiency in directing a team during a crisis.

CONFERENCE SCHEDULE

FRIDAY, SEPTEMBER 15, 2017

PEDIATRIC SEDATION SIMULATION WORKSHOP

Course Director: Keira P. Mason, MD

Director, Sedation Simulation Workshops: James Fehr, MD

Optional and limited enrollment. Pre-registration is required. There will be six unique scenarios, inclusive to all areas along the sedation continuum. **Additional option for Hands-On Airway Workshop at lunch.** Participants will spend one hour in each of the six scenarios.

6:30 – 7:30 AM **Registration and Breakfast**

7:30 – 8:30 AM **Introduction: Simulation for Sedation Training**
James Fehr, MD

8:30 – 9:30 AM Scenario 1
9:30 – 10:30 AM Scenario 2

10:30 – 11:00 AM BREAK

11:00 – 12:00 PM Scenario 3

12:15 – 1:30 PM **Lunch On Your Own or Optional Airway Workshop**

Optional Lunch: Airway Workshop: Basic Airway Management and Skills Refresher

Pre-Registration and Fee Required

Jennifer Dearden, MD (Workshop Director)

1:30 – 2:30 PM Scenario 4
2:30 – 3:30 PM Scenario 5
3:30 – 4:30 PM Scenario 6

4:30 – 5:00 PM **Closing Remarks and Debriefing/Interactive Feedback**

* Program changes/substitutions may be made without notice.

Moderator and Leader of Simulation Workshops

James Fehr, MD

Anesthesia Directed Scenario

Timothy Martin*, MD, Vanessa Young, RN, BA, Kevin Barton, MD

Dental Medicine Directed Scenario

Calvin Kuan, MD*, Jerry Chao, MD, Tammy Wang, MD

Emergency Medicine Directed Scenario

Robert Kennedy, MD*, Jon Chiles, MD

Hospital Medicine Directed Scenario

Yasmeen Daud, MD*, Kim Hamlin, MD

Post Sedation Recovery Event Scenario

John Zhong, MD*, Michele Trinka, RN, MSN, CCRN, PCCN, Sharon Redd, MD

Procedural Sedation Scenario

Saif Siddiqui, MD*, Anna Maria Onisei, MD, Bistra Vlassakova, MD

*Indicates Scenario/Workshop Leader

SEPTEMBER 16-17, 2017

WEEKEND SEDATION CONFERENCE OVERVIEW

TARGET AUDIENCES

This conference is intended for physicians, dentists, registered nurses, CRNAs, nurse practitioners, advanced practice nurses, pharmacists, and health care administrators. Specifically, the healthcare professionals have represented the specialties of anesthesiology, radiology, emergency medicine, hospital medicine, pediatrics, dental medicine, dental anesthesiology, intensive care medicine and gastroenterology.

COURSE DESCRIPTION

This annual conference entitled, Pediatric Sedation Outside the Operating Room, is taught by multi-specialists, renowned in pediatric sedation, from both the United States and internationally. This course offers both didactic lectures and panel discussions. Optional hands-on basic airway workshops will also be offered. Small round table discussions with the faculty and afternoon concurrent tracks provides the attendee with an opportunity for discourse and interactive discussions.

The field of sedation continues to evolve and policies, recommendations and Center for Medicaid and Medicare Service guidelines change in response to the health care environment. Currently, sedation guidelines and recommendations differ between specialty societies: For example, the American Society of Anesthesiologists (ASA) guidelines on deep sedation are not concurrent with those of the American Society of Gastroenterology nor American College of Emergency Physicians. Sedative agents, delivery methods and routes of delivery are changing as new techniques and outcomes continue to be explored and presented. This course is designed to fill the practice gaps created by this combination of evolving practice guidelines, differing practice standards among specialty societies, and continuing advances in sedation medicine and technology by updating and reviewing state-of-the-art techniques for safe and effective delivery of sedation.

This conference is intended to improve learner competence and performance by reviewing not only the basics of sedation but also updating the registrant to current, evolving and state-of-the art practice (i.e. knowledge). The hands-on workshops on airway management and patient simulation using manikins will allow the learner to apply this competence to their everyday practice (i.e. performance) and prepare for the rare, unanticipated emergencies. Being prepared for emergencies as well as for the more common adverse events, the learner will be able to be better equipped to improve patient outcome. This conference is to increase the participant's breadth of knowledge of pediatric sedation along with elaborate on ways to improve and track patient outcomes.

LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:

- Analyze recent changes in guidelines, regulations, policies and future developments in sedation systems and their impact on patient care.
- Complete an in-depth review of physiologic monitoring and develop an appreciation of the role and interpretation of capnography.
- Develop strategies to better manage airway emergencies.

CALL FOR POSTER ABSTRACTS

DEADLINE FOR SUBMISSION OF ABSTRACTS: JULY 1, 2017

Detailed submission guidelines, abstract submission form, and disclosure form can be found at:

www.PediatricSedationConference.com

Abstracts are blindly reviewed by the abstract committee. Presenting authors will be notified if their abstract is chosen for poster display at the September 16-17, 2017 Weekend Conference.

WEEKEND CONFERENCE SCHEDULE

SATURDAY, SEPTEMBER 16, 2017

Weekend Conference: The Cutting Edge of Sedation Across Specialties and Continents

Course Director: Keira P. Mason, MD

7:00 – 8:15 AM **Registration/Breakfast OR Optional Breakfast Breakout Panels**

Dexmedetomidine: Jason Reynolds, MD, Keira Mason, MD

An Interactive Problem Based Learning Discussion (PBLD): For Emergency Procedures Robert Kennedy, MD, Mark Roback, MD, Franz Babi, MD

8:30 – 9:30 AM **Keynote Lecture: Challenge, Distance and Discovery** Ray Zahab

9:30 – 10:00 AM Question and Answer Panel

10:00 – 10:30 AM **Book Signing and Morning Break with Exhibitors**

EXPLORING SEDATION CHALLENGES

Moderator: Eduardo Mekitarian Filho, MD, MSc, PhD

10:30 – 10:55 AM **Pediatric Obesity: Clinical Implications and Management**

Paul Samuels, MD

10:55 – 11:20 AM **Obstructive Sleep Apnea : Peri-Procedure Considerations**

Mohamed Mahmoud, MD

11:20 – 11:45 AM **Approach to Sedation in High Risk Patients**

Cyril Sahyoun, MD

11:45 – 12:00 PM **Question and Answer Panel**

Paul Samuels, MD, Mohamed Mahmoud, MD, Cyril Sahyoun, MD

12:00 – 1:30 PM **Lunch or Optional Lunch Breakout Panel**

Sedation Techniques for Radiological Procedures: Mohamed Mahmoud, MD, Jason Reynolds, MD, Isabela Cajiao-Angelelli, MD, April Hollenbeck, MPAS, PA-C

Interactive Round Table with International Experts: Developing and Starting a Sedation Program from A –Z: Piet Leroy, MD, Egidio Barbi, MD

THE FRONTIERS OF SEDATION: A HOLISTIC APPROACH

Moderator: Cyril Sahyoun, MD

1:30 – 1:50 PM **From Adderall to Zolof: Which Psychopharmacological Agents Can Interact with My Sedation Protocol?**

Anne Glowinski, MD, MPE

1:50 – 2:10 PM **Approach to Sedation in the Cognitively Impaired Child**

Egidio Barbi, MD

2:10 – 2:30 PM **Predictors of Adverse Events**

Keira P. Mason, MD

2:30 – 2:50 PM **Non-Pharmacological Techniques**

Piet Leroy, MD

2:50 – 3:30 PM **Question and Answer Panel**

Anne Glowinski, MD, Egidio Barbi, MD, Piet Leroy, MD, Keira P. Mason, MD

3:30 – 4:00 PM **Afternoon Break with Exhibitors**

A COMPREHENSIVE UPDATE OF IMPORTANT SEDATIVES FOR THE 21ST CENTURY

Moderator: Dimitris Emmanouil, DDS, MS, PhD

4:00 – 4:20 PM **New Applications and Delivery of Nitrous Oxide**

Franz Babi, MD

4:20 – 4:40 PM **Propofol Pearls**

Troy Sands, MD

4:40 – 5:00 PM **Ketamine**

Robert Kennedy, MD

5:00 – 5:20 PM **Dexmedetomidine**

Keira P. Mason, MD

5:20 – 6:00 PM **Question and Answer Panel**

Franz Babi, MD, Douglas Carlson, MD, Robert Kennedy, MD, Keira P. Mason, MD, Troy Sands, MD

6:00 – 8:00 PM **Complimentary Cocktail Reception (Faculty, Attendees and Sponsors)**

* Program changes/substitutions may be made without notice.

WEEKEND CONFERENCE SCHEDULE

SUNDAY, SEPTEMBER 17, 2017

Weekend Conference: The Cutting Edge of Sedation Across Specialties and Continents

Course Director: Keira P. Mason, MD

6:45 – 8:00 AM **Registration/Breakfast OR Optional Breakfast Breakout Panels**

Airway Management Hands- On Workshop: (Basic Skills)

Basic skills- single and two-handed mask ventilation, oro and nasopharyngeal airway placement: Jennifer Dearden, MD (Workshop Director)

Propofol: Gary Andolfatto, MD, Douglas Carlson, MD, Troy Sands, MD

Acupuncture: Yuan Chi-Lin, MD, Brenda Golianu, MD

8:00 – 9:00 AM **Keynote Lecture: Medical Legal Issues of Sedation: Do We Really Need Informed consent?**

Steven Shafer, MD and Stewart Cohen, Esq.

9:00 – 9:30 AM **The Business of Sedation: Where Are The Profits, Losses and Vulnerabilities?**

Dean Andropoulos, MD

9:30 – 10:00 AM **Capnography: Guidelines, Applications, Challenges and Interpretation**

Bhavani Kodali, MD

10:00 – 10:20 AM **Question and Answer Panel**

Steven Shafer, MD, Stewart Cohen, JD, Dean Andropoulos, MD, Gary Andolfatto, MD, Mark Roback, MD

10:20 – 10:50 AM **MORNING BREAK WITH EXHIBITORS**

10:50 – 1:00 PM **Morning Track Lectures.** You may attend and combine any of the two concurrent sessions. Pre-registration is not required and lectures are included in the cost of weekend registration.

Track 1: Moderator Mohamed Mahmoud, MD A Comprehensive Exploration of Sedation		Track 2: Moderator Dimitrius Emmanouil, DDS, MS, PhD The Dental World Through the Lens of World Experts	
10:50 – 11:10 AM TROOPS: The Unveiling of a New Sedation Tool Mark Roback, MD		10:50 – 11:10 AM Using the Most Current Sedation Guidelines in Private Practice to Optimize Safety and Efficiency Michael Ignelzi, DDS, PhD	
11:10 – 11:30 AM NPO and Aspiration Risk Maala Bhatt, MD		11:10 – 11:30 AM Recent Regulatory Changes: Regulation 37 adopted by the ADA in 2016 Andrew Herlich, DMD, MD, FAAP	
11:30 – 11:50 AM New and Novel Techniques and Approaches to Pain Management Pamela Flood, MD		11:30 – 11:50 AM Approaches and Management to the Developmentally Challenged Dimitrius Emmanouil, DDS, MS, PhD	
11:50 – 12:10 PM Optimizing Medical Conditions With Adverse Sedation Implications Mohamed Mahmoud, MD		11:50 – 12:10 PM When To Say No! Andrew Herlich, DMD, MD, FAAP	
12:10 – 12:40 PM Ketofol Pro and Con Gary Andolfatto, MD and Mark Roback, MD		12:10 – 12:30 PM Future of Dental Sedation Richard Steffen, Dr. med dent. WBA KZM SSO	
12:40 – 1:00 PM Question and Answer Panel		12:30 – 1:00 PM Question and Answer Panel	
1:00 – 2:15 PM	Lunch On Your Own or Option Lunch Breakout Panel		
	Interactive Round Table Forum with Experts: Challenges of Pediatric Dental Sedation in an Office Based Setting: (From the design and set up to management of emergencies) Dimitris Emmanouil, DDS, Michael Ignelzi, DDS, PhD, Paloma Pérez Prieto, DMD Ketamine: Gary Andolfatto, MD, Mark Roback, MD, Franz Babl, MD		

WEEKEND CONFERENCE SCHEDULE

SUNDAY, SEPTEMBER 17, 2017

Weekend Conference: The Cutting Edge of Sedation Across Specialties and Continents

Course Director: Keira P. Mason, MD

2:15 – 5:00 PM Afternoon Track Lectures. Attendees may attend and combine any of the three concurrent sessions. Pre-registration is not required and lectures are included in the cost of weekend registration.		
Track A: General Moderator: Mark Roback, MD	Track B: Dental Moderator: Dimitrius Emmanouil, DDS	Track C: Establishing a Successful Sedation Service: From Needs Assessment to Highly Functioning Service Moderator: Doug Carlson, MD
2:15 – 2:35 PM Oral Sedatives: Is There Anything New? Piet Leroy, MD	2:15 – 2:35 PM Nitrous Oxide Eduardo Alcaino, BDS (Hons), MDSc, FRACDS, MRACDS, MIntBus/Law	Building and Improving Your Sedation Service 2:15-2:45 PM Developing and Maintaining Sedation Provider Competencies Jason Reynolds, MD
2:35 – 2:55 PM What's New? Drugs and Delivery Methods Keira P. Mason, MD	2:35 – 2:55 PM Clinical Use and Selection of Oral Regimens and Options for Failures Tom Lenhart, DMD	2:45-3:15 PM Drug Combinations to Improve Efficiency and Satisfaction Troy Sands, MD
2:55 – 3:20 PM Are There Neurocognitive Effects from Sedation? Clinical Implications of Recent FDA Initiatives Dean Andropoulos, MD	2:55 – 3:15 PM Pharmacology and Pharmacokinetics of Agents Used in Sedation Armamentarium Jason Brady, DDS	3:15-3:45 PM Sedation Service Design: Successes and Opportunities Anna Lin, MD
3:20 – 3:35 PM Simulation James Fehr, MD	3:15 – 3:35 PM Medical Emergencies in the Dental Office Tom Lenhart, DMD	3:45-4:15 PM Nitrous Oxide as an Alternative to Sedation for Minor Procedures Isabela Cajiao Angelelli, MD and April Hollenbeck, MPAS, PA-C
3:35 – 3:55 PM Best Papers of 2016 Timothy Martin, MD	3:35 – 3:55 PM Local Anesthesia-Pharmacology, Techniques, Morbidity and Mortality Ronald Kosinski, DMD	4:15-4:45 PM Meeting Expectations and Negotiating Support Douglas Carlson, MD
3:55 – 4:35 PM Open Forum: Interactive Sedation Case Studies Mark Roback, MD, Franz Babl, MD, Jason Reynolds, MD	3:55 – 4:15 PM Atypical Approaches to Sedation: Routes and Medications- Nasal and Intramuscular Jason Brady, DDS	Description: This will be an interactive workshop to help participants evaluate potential gaps in sedation provision at their home institutions. Small groups will work towards solutions. Each group will share ideas with all participants. Strategies to overcoming barriers will be emphasized. Workshop is appropriate for sedation providers and leaders at all levels of experience. Facilitators come from emergency medicine, critical care medicine, hospital medicine and dentistry. Objectives: Participants will be able to: 1) Better recognize deficiencies in their own sedation systems 2) Develop a comprehensive multi-disciplinary plan for sedation access and improvement 3) Better advocate for a patient centered approach to sedation 4) Negotiate for appropriate funding of sedation systems
	4:15 – 4:35 PM Criteria and Clinical Pearls for Pre and Post Sedation/Discharge Assessments Andrew Herlich, DMD, MD, FAAP	
4:35 – 5:00 PM 5:00 – 5:30 PM	Question and Answer Panel Joint Session and Debriefing Moderators: Keira P. Mason, MD and Mark Roback, MD All attendees will join together for the final session of the day.	

REGISTRATION INFORMATION

Register by July 1, 2017 and receive a \$100 discount towards weekend conference tuition. Promo code: SEDATION100 Reduced Weekend Course Tuition Fee for four or more attendees from the same hospital/institution: \$699 per person and \$649 per person for those registered for the three day conference package. This reduced tuition fee only includes the weekend course (In order to receive this discount, please contact the HMS-DCE office at CEPrograms@hms.harvard.edu)

Registrations must be made via our secure online registration system. At the end of the registration process, a \$5 non-refundable processing fee will be added to your registration, and you will have the choice of paying by check (draft on a United States bank) or credit card (Visa, MasterCard or American Express). Postal, telephone, fax, and cash-payment registrations are not accepted. If you are paying by check, the online registration system will provide you with instructions and a printable form for remitting your course fees by check. Upon receipt of your registration form an email confirmation from the HMS-DCE office will be sent to you. Therefore, be sure to include an email address that you check daily/frequently. Your email address is used for critical information about the course including: registration confirmation, course evaluation and certificate.

INQUIRIES

By phone 617-384-8600, Monday-Friday, 9 AM to 5 PM (EST) or by email at: CEPrograms@hms.harvard.edu

ONLINE INFORMATION

To register or view activity information online, visit:
www.PediatricSedationConference.com

COURSE LOCATION

All sessions for this course will be held at Sheraton Fisherman's Wharf Hotel, 2500 Mason St in San Francisco, CA 94133.

DISCLAIMER

CME activities sponsored by Harvard Medical School are offered solely for educational purposes and do not constitute any form of certification of competency. Practitioners should always consult additional sources of information and exercise their best professional judgment before making clinical decisions of any kind.

DISCLOSURE POLICY

Harvard Medical School (HMS) adheres to all ACCME Essential Areas, Standards, and Policies. It is HMS's policy that those who have influenced the content of a CME activity (e.g. planners, faculty, authors, reviewers and others) disclose all relevant financial relationships with commercial entities so that HMS may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.

COURSE TUITION REFUND POLICY

Refunds, less an administrative fee of \$100, will be issued for all cancellations received two weeks prior to the start of the course. Refund requests must be received by postal mail or email. No refund will be issued should cancellation occur less than two weeks prior. "No shows" are subject to the full course fee and no refunds will be issued once the conference has started.

HOTEL ACCOMMODATIONS



There a limited number of hotel rooms available at the Sheraton Fisherman's Wharf Hotel. Please reserve hotel space early.

A limited number of rooms have been reserved at the Sheraton Fisherman's Wharf Hotel until **August 23, 2017**. The Sheraton Fisherman's Wharf Hotel is located on 2500 Mason St in San Francisco, CA 94133. Telephone: 415-362-5500. Please specify that you are enrolled in this course to receive a reduced room rate of \$269 USD/per night 2 Double Beds/1 King Bed (Single/Double Rate). Triple Rate: \$289 and Quad rate: \$309. Hotel arrangements can also be made online at **www.PediatricSedationConference.com**. Hotel guests will receive complimentary internet in their guest rooms. Please do not purchase non-refundable airline ticket(s) until you have received an email from our office confirming your paid registration.

ACCREDITATION

The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Harvard Medical School designates this live activity for a maximum of 28.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity meets the criteria of the Massachusetts Board of Registration in Medicine for 7 credits of Risk Management Study. Please check your individual state licensing board requirements before claiming these credits.

Through an agreement between the American Medical Association and the European Union of Medical Specialists, physicians may convert *AMA PRA Category 1 Credit*[™] to an equivalent number of European CME Credits[®] (ECMECs[®]). Information on the process of converting *AMA PRA Category 1 Credits*[™] to ECMECs[®] can be found at: **www.eacme.eu**.

This educational activity has submitted an application for approval of nursing contact hours. Boston Children's Hospital Nursing is an Approved Provider of continuing nursing education by the ANA Massachusetts, an Accredited Approver by the American Nurses Credentialing Center's Commission on Accreditation.

The American College of Emergency Physicians is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Friday Symposium (9/15/2017): Approved by the American College of Emergency Physicians for 8.5 hour(s) of ACEP Category I credit.

Friday Simulation Workshop (9/15/2017): Approved by the American College of Emergency Physicians for 8.5 hour(s) of ACEP Category I credit.

Weekend Conference (9/16-9/17/2017): Approved by the American College of Emergency Physicians for 14.75 hour(s) of ACEP Category I credit.

ABMS & ACGME COMPETENCIES

This course is designed to meet one or more of the following American Board of Medical Specialties/Accreditation Council of Graduate Medical Education competencies:

- Patient Care and Procedural Skills
- Medical Knowledge
- Practice-based Learning and Improvement

IOM COMPETENCIES

This course is designed to meet one or more of the following Institute of Medicine competencies:

- Interdisciplinary Teams

Friday, September 15, 2017

Full-Day Pediatric Simulation Workshops	\$679
Fundamentals of Sedation Symposium: Bridging the Specialties	\$589
Lunch On Your Own OR Airway Management Hands- On Workshop: Basic	\$50

Saturday, September 16, 2017

Pediatric Dental Sedation Crisis Management: Didactics and Simulation Combination	\$828
Full day of didactics and simulation. Comprehensive dental sedation crisis management symposium (Includes: Didactics on crisis avoidance, recognition and management) Dental sedation simulation workshop tailored for dental specialists. This activity is endorsed by the American Society of Dentist Anesthesiologists (ASDA).	

Pediatric Dental Sedation Crisis Management: Didactics Only	\$449
Comprehensive dental sedation crisis management symposium (Includes: Didactics on crisis avoidance, recognition and management)	

Pediatric Dental Sedation Crisis Management: Simulation Only	\$679
Dental sedation simulation workshop tailored for dental specialists.	

Lunch on your own OR Optional Dental Lunch	\$50
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Saturday - Sunday, September 16-17, 2017

Two Day Weekend Course: The Cutting Edge of Sedation Across Specialties and Continents

Physicians/Dentists:	\$799
Residents/Fellows, Nurses, and Allied Health Professionals	\$549

Optional Breakfast Breakout Panels:

Propofol	\$100
Dexmedetomidine	\$100
An Interactive Problem Based Learning Discussion (PBLD): For Emergency Procedures	\$100
Airway Management Hands- On Workshop Basic	\$100
Acupuncture Workshop	\$75

Optional Lunch Breakout Panels:

Sedation Techniques for Radiological Procedures	\$100
Interactive Round Table with International Experts: Developing and Starting a Sedation Program from A –Z	\$100
Interactive Round Table Forum with Experts: Challenges of Pediatric Dental Sedation in an Office Based Setting	\$100
Ketamine	\$100



PEDIATRIC SEDATION OUTSIDE OF THE OPERATING ROOM

SAN FRANCISCO, SHERATON FISHERMAN'S WHARF HOTEL

FRIDAY, SEPTEMBER 15, 2017

Full-Day Sedation Symposium
The Fundamentals Of Sedation:
Bridging The Specialties

Full-Day Pediatric Sedation Simulation Workshops

SEPTEMBER 16-17, 2017
WEEKEND SEDATION CONFERENCE
The Cutting Edge of Sedation
Across Specialties and Continents

POSTER
ABSTRACT DEADLINE
JULY 1, 2017

COURSE DIRECTOR
KEIRA P. MASON, MD

DIRECTOR, FUNDAMENTALS OF SEDATION SYMPOSIUM
Mark G. Roback, MD

DIRECTOR, SEDATION SIMULATION WORKSHOPS
James Fehr, MD

DIRECTOR, AIRWAY WORKSHOP
Jennifer Dearden, MD



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