Boston Children's Hospital

HARVARD MEDICAL SCHOOL TEACHING HOSPITAL

HARVARD School of Dental Medicine

PEDIATRIC SEDATION
OUTSIDE OF THE OPERATING ROOM

SAN FRANCISCO, CA HILTON FINANCIAL DISTRICT HOTEL

COURSE DIRECTOR
KEIRA P. MASON, MD

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

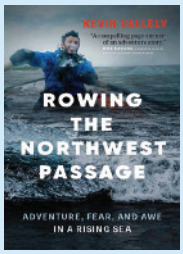
DIRECTOR, SEDATION SIMULATION WORKSHOPS
James Fehr, MD

DIRECTORS, AIRWAY AND CAPNOGRAPHY WORKSHOPS
Jennifer Dearden, MD and Bhavani Kodali, MD

DIRECTOR, DENTAL SEDATION CRISIS MANAGEMENT
Mark Saxen, DDS, PhD

DIRECTOR, PEDIATRIC DENTAL SEDATION CONFERENCE
James Tom, DDS, MS, FACD

KEYNOTE SPEAKERS



KEVIN VALLELY
ADVENTURER, ARCHITECT AND AUTHOR
Reflecting on a South Pole Expedition

STEWART L. COHEN, ESQ.
Medical Malpractice, Sedation and Informed Consent

FRIDAY, SEPTEMBER 14, 2018
FULL-DAY SEDATION SYMPOSIUM
The Fundamentals and Practical Applications of Sedation: From Hospital to Dental Office Based Setting

Special Limited Enrollment Offering
FULL-DAY PEDIATRIC SEDATION SIMULATION WORKSHOPS

SEPTEMBER 15-16, 2018
WEEKEND SEDATION CONFERENCE
Advancing Safety in Pediatric Sedation

ABSTRACTS DEADLINE
JULY 1, 2018

www.PediatricSedationConference.com

PLANNING COMMITTEE

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Jennifer L. Dearden, MD

Vanessa Young, RN, BA

COURSE STAFF

James J. Fehr, MD

Amanda Buckley. MBA
Course Manager

WELCOME LETTER

Dear Colleagues and Friends:

It is our pleasure to welcome you to the 2018 Pediatric Sedation Outside of the Operating Room Weekend Conference, Friday Fundamentals and Practical Applications in Hospital-Based and Dental Sedation Symposium, Friday Pediatric Sedation Simulation Workshop, and Saturday Pediatric Dental Sedation Simulation Workshop. This year we are again presenting a unique, enriching, and exciting multidisciplinary conference. The ASDA endorsed, Pediatric Dental Sedation Crisis Management Half-Day Symposium, is back by popular demand and we are pleased to announce our collaboration with Harvard School of Dental Medicine.

We are thrilled to host the 13th 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,

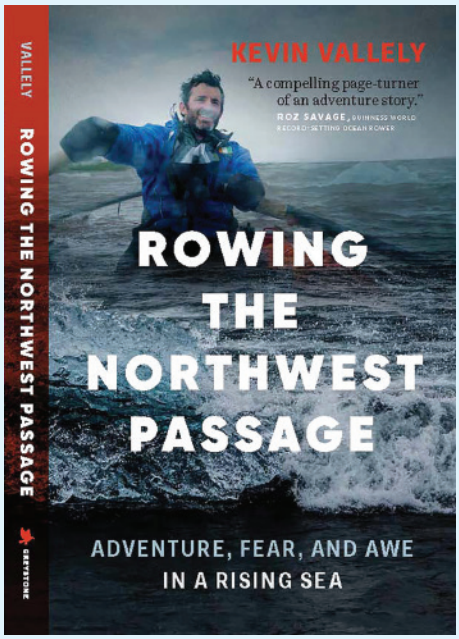
Keira P. Mason, MD
Course Director

WELCOME RECEPTION
SATURDAY, SEPTEMBER 15, 2018

Attendees and their guests are warmly invited to join the faculty for a complimentary reception on Saturday, September 15, 2018 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



KEVIN VALLEY

ADVENTURER, ARCHITECT AND AUTHOR

Reflecting on a South Pole Expedition

In September of 2017, Vallely released his book Rowing the Northwest Passage, a first-hand account of four seasoned adventurers crossing the Northwest Passage, one of the "last firsts" remaining in the adventure world today.

Kevin has organized and led extreme expeditions around the world and has garnered a powerful understanding of leadership, resilience and perspective in unpredictable and fast changing environments. He has translated this knowledge into a business acumen that activates and amplifies leadership instincts.

STEWART L. COHEN, ESQ.

Medical Malpractice, Sedation and Informed Consent

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 substandard medical care. He has made it possible for victims to successfully recover against hospitals and physicians.

SEDATION FACULTY

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FRIDAY, SEPTEMBER 14, 2018

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, presedation 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 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:

- Recall and apply 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.
- Apply sedation concepts learned to evaluate complex and challenging sedation scenarios and formulate a plan.
- Provide a comprehensive review of the patient presedation assessment necessary to identify appropriate candidates for procedural sedation.
- Implement recommended physiologic monitoring, including capnography, used to continuously assess patient 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.

SYMPOSIUM SCHEDULE

FRIDAY, SEPTEMBER 14, 2018

FULL-DAY SEDATION SYMPOSIUM

The Fundamentals and Practical Applications of Sedation: From Hospital to Dental Office Based Setting

Course Director: Keira P. Mason, MD

Director, Fundamentals of Sedation Symposium: Mark Roback, MD

8:00 – 8:20 AM	**Welcome and Introduction** Keira P. Mason, MD and Mark Roback, MD	
8:20 – 8:40 AM	**Sedation for Children Starts with "A" is for Airway: Assessment and Management** Jennifer L. Dearden, MD	
8:40 – 9:00 AM	**Patient Evaluations: Assessment and Selection for Sedation** Troy Sands, MD	
9:00 – 9:20 AM	**Child-Specific Anatomic and Physiologic Considerations in Sedation** Mohamed Mahmoud, MD	
9:20 – 9:40 AM	**Sedation in Children with Disabilities, Complex Medical Histories and those at High Risk for Complications** Pradip Kamat, MD, MBA, FCCM	
9:40 – 10:00 AM	**Question and Answer Panel**	
10:00 - 10:20 AM	**MORNING BREAK**	
10:20 – 10:50 AM	**Addressing Procedural Anxiety in Children** Piet Leroy, MD, PhD	
10:50 – 11:10 AM	**Desensitization and Other Non-Pharmacological Strategies for Procedures in Children** Travis Nelson, DDS, MSD, MPH	
11:10 – 11:30 AM	**Role of Capnography in Procedural Sedation** Bhavani Kodali, MD	
11:30 – 11:45 AM	**Question and Answer Panel** Mark Roback, MD (Moderator). Bhavani Kodali, MD, Piet Leroy, MD, PhD, Travis Nelson, DDS, MSD, MPH	
11:50 AM – 1:00 PM	**Lunch on Your Own or Optional Lunch Workshop: Airway Management and Hands-On Capnography Workshops: A Combination: Basic Skills. Pre-registration and fee required.** Jennifer Dearden, MD* (Airway Workshop Director), Bhavani Kodali, MD (Capnography Workshop Director). Elena Brusseau, MD, Hyun Kee Chung, MD, Babu Koka, MD, Vesela Kovacheva, MD, PhD, Charles Nargozian, MD, Janet Valicenti, CRNA, Bistra Vlassakova, MD, Steve Zgleszewski, MD	
	Afternoon Sessions (You may attend and combine any of the two concurrent tracks)	
	Hospital-Based Track **Moderator:** Mark Roback, MD	**Dental Track** **Moderator:** James Tom, DDS, MS, FACD
1:00 – 1:30 PM	**Minimal Sedation Drugs** Franz Babl, MD, MPH	**Strategies in Oral and Inhaled Nitrous Oxide Sedation** Tom Tanbonliong, DDS
1:30 – 2:00 PM	**Moderate to Deep Sedation** Maala Bhatt, MD, MSc., FRCPC	**Parenteral Dental Sedation** Philip Yen, DDS
2:00 – 2:30 PM	**What Could Go Wrong? Adverse Events and Rescue** Maala Bhatt, MD, MSc., FRCPC	**Office-Based Emergencies** James Tom, DDS, MS, FACD
2:30 – 2:50 PM	**Question and Answer Panel** Franz Babl, MD, MPH, Maala Bhatt, MD, MSc., FRCPC	**Question and Answer Panel** Thomas Tanbonliong, DDS, James Tom, DDS, MS, FACD Philip Yen, DDS
2:50 – 3:10 PM	**AFTERNOON BREAK**	
	Groups Reconvene	
3:10 – 4:00 PM	**Clinical Case Studies: Audience Participation Encouraged** Mark Roback, MD (Moderator). Maala Bhatt, MD, MSc., FRCPC, Pradip Kamat, MD	
4:00 – 4:20 PM	**How Did We Do? Defining Efficacy of Sedation** Mark Roback, MD	
4:20 – 4:20 PM	**Interactive Educational Videos in Hospital-Based and Dental Pediatric Sedation** **Session Leader:** Jon Chiles, MD	
5:20 - 5:30 PM	**Wrap-Up** Mark Roback, MD	

FRIDAY, SEPTEMBER 14, 2018

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 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.

SIMULATION WORKSHOP SCHEDULE

FRIDAY, SEPTEMBER 14, 2018

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 Airway Management and Hands-On Capnography Workshops: A Combination 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 9:30 – 10:30 AM	Scenario 1 Scenario 2
10:30 – 10:50 AM	**BREAK**
10:50 – 11:50 AM	Scenario 3
11:50 AM – 1:00 PM	**Lunch On Your Own or Optional Airway Workshop** (Pre-registration/fee required) **Special Lunch: Airway Management and Hands-On Capnography Workshops: A Combination: Basic Skills** Pre-Registration and Fee Required Jennifer Dearden, MD* (Airway Workshop Director), Bhavani Kodali, MD (Capnography Workshop Director). Elena Brusseau, MD, Hyun Kee Chung, MD, Babu Koka, MD, Vesela Kovacheva, MD, PhD, Charles Nargozian, MD, Janet Valicenti, CRNA, Bistra Vlassakova, MD, Steve Zgleszewski, MD
1:00 – 2:00 PM 2:00 – 3:00 PM 3:00 – 4:00 PM	Scenario 4 Scenario 5 Scenario 6
4:00 – 4:30 PM	**Closing Remarks and Debriefing/Interactive Feedback**

* Program changes/substitutions may be made without notice.

Moderator and Leader of Simulation Workshops
James Fehr, MD

Post Sedation Recovery Event Scenario:
John Zhong, MD*, Sharon Redd, MD, Michele Trinka, RN, MSN, CCRN, PCCN

Emergency Medicine Directed Scenario:
Robert Kennedy, MD*, Jon Chiles, MD

Dental Medicine Directed Scenario:
Calvin Kuan, MD*, Jerry Chao, MD, Tammy Wang, MD, Janice Man, MD

Hospital Medicine Directed Scenario:
Yasmeen Daud, MD*, Kim Hamlin, MD

Procedural Sedation Scenario:
Saif Siddiqui, MD*, Anna Maria Onisei, MD

Anesthesia Directed Scenario:
Timothy Martin, MD*, Anita Honkanen, MD, MS, FAAP, Vanessa Young, RN, BA

***Indicates Scenario/Workshop Leader**

SEPTEMBER 15-16, 2018
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, 2018**

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 15-16, 2018 Weekend Conference.

WEEKEND CONFERENCE SCHEDULE

SATURDAY, SEPTEMBER 15, 2018

Weekend Conference: Advancing Safety in Pediatric Sedation

Course Director: Keira P. Mason, MD

Director, Pediatric Dental Sedation Conference: James Tom, DDS, MS, FACD

7:00 – 8:00 AM	**Registration/Breakfast OR Optional Breakfast Breakout Panels** **911 in the Dental Office: From Anticipation to Management:** James Tom, DDS, MS, FACD, Michael Ignelzi, DDS, PhD, Philip Yen, DDS, Steve Yun, MD **Ketamine:** Steve Green, MD, Robert Kennedy, MD, Mark Roback, MD **Dexmedetomidine (This session is also repeated on Sunday):** Keira P. Mason, MD, Vivian Yuen, MD, Mohamed Mahmoud, MD
8:15 – 9:00 AM	**Keynote Lecture: Resilience: Reflecting on a South Pole Expedition** Kevin Vallely
9:00 – 9:15 AM	Question and Answer Panel
9:15 – 9:45 AM	**Book Signing and Morning Break with Exhibitors**
	EXPLORING THE FRONTIERS OF SEDATION **Moderator:** Piet Leroy, MD, PhD
9:45 – 10:05 AM	**TROOPS** Mark Roback, MD
10:05 – 10:30 AM	**Politics of Sedation Leadership** Steve Green, MD
10:30 – 11:05 AM	**Ouch! Why and How to Treat Pain and Sedation** Egidio Barbi, MD, Piet Leroy, MD, PhD
11:05 – 11:30 AM	**State-of-the-Art Techniques for Procedural Analgesia** T. Anthony Anderson, MD, PhD
11:30 – 12:00 PM	**Question and Answer Panel** Egidio Barbi, MD, Steve Green, MD, Piet Leroy, MD, PhD, Mark Roback, MD, T. Anthony Anderson, MD, PhD
12:00 – 1:30 PM	**Lunch On Your Own or Optional Lunch Breakout Panel** **Interactive Round Table with International Experts: Developing and Starting a Sedation Program from A–Z:** Piet Leroy, MD, PhD, Douglas Carlson, MD **Strategies for Patients with Special Needs: Pharmacologic to Non-Pharmacologic:** Egidio Barbi, MD, Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM, Giorgio Cozzi, MD
	LET'S COOK! EXPLORING NEW SEDATION RECIPES **Moderator:** Douglas Carlson, MD
1:30 – 1:55 PM	**New Recipes: Intranasal Sedation and Nitrous Oxide** Franz Babl, MD, MPH
1:55 – 2:20 PM	**Dexmedetomidine** Keira P. Mason, MD
2:20 – 2:45 PM	**Dexmedetomidine in the Nose: What's New in Intranasal Sedation?** Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM
2:45 – 3:10 PM	**Ketamine** Robert Kennedy, MD
3:10 – 3:30 PM	**Question and Answer Panel** Franz Babl, MD, MPH, Robert Kennedy, MD, Keira P. Mason, MD, Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM
3:30 – 4:00 PM	**Afternoon Break with Exhibitors**
	CONTROVERSIES AND INNOVATIONS IN SEDATION **Moderator:** Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM
4:00 – 4:25 PM	**Exploring the Business of Sedation: Profits, Losses, and Vulnerabilities?** Dean Andropoulos, MD, MHCM
4:25 – 4:50 PM	**Pre-Sedation Fasting: What's the Evidence?** Steve Green, MD
4:50 – 5:15 PM	**The FDA Warning – 1 Year Later** Dean Andropoulos, MD, MHCM
5:15 – 5:40 PM	**Clinical Approaches to Procedural Sedation and Peri-Operative Management of the Autistic Child** Mark Roback, MD
5:40 – 6:00 PM	**Question and Answer Panel** Dean Andropoulos, MD, MHCM, Steve Green, MD, Mark Roback, MD
6:00 – 7:30 PM	**Complimentary Cocktail Reception (Faculty, Attendees and Sponsors)**

* Program changes/substitutions may be made without notice.

WEEKEND CONFERENCE SCHEDULE

SUNDAY, SEPTEMBER 16, 2018

Weekend Conference: Advancing Safety in Pediatric Sedation

Course Director: Keira P. Mason, MD

Director, Pediatric Dental Sedation Conference: James Tom, DDS, MS, FACD

6:45 – 8:00 AM	**Registration/Breakfast OR Optional Breakfast Breakout Panels** **Dexmedetomidine:** Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM, Mohamed Mahmoud, MD **Propofol:** Douglas Carlson, MD, Troy Sands, MD, Isabela Cajiao-Angelelli, MD
8:00 – 8:45 AM	**Keynote Lecture: Medical Malpractice, Sedation and Informed Consent** Stewart Cohen, Esq.
8:45 – 9:15 AM	**Safety: Checklists, Cognitive Aids, and the Future of Patient Safety** Craig Webster, BSc, MSc, PhD
915 – 9:45 AM	**Top Picks of 2017: High Impact Sedation and Dental Sedation Publications** Timothy Martin, MD
9:45 – 10:30 AM	**Update on the Evaluation and Treatment of Children and Adolescents with Autism** Antonio Hardan, MD
10:30 – 10:50 AM	MORNING BREAK WITH EXHIBITORS
10:50 AM – 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: Keeping it Safe **Moderator** Franz Babl, MD	**Track 2: Avoiding 911 in Dental Sedation** **Moderator** James Tom, DDS, MS, FACD
10:50 – 11:15 AM **What Can We Learn from Adverse Events? – Review of Literature** Michael Ignelzi, Jr, DDS, PhD	10:50 – 11:10 AM **Sedation Protocols: Discharge Criteria and Management of Post-Procedure Pain and Nausea/Vomiting** Jason Brady, DMD
11:15 – 11:40 AM **Learning from Our Mistakes: Who's at The Greatest Risk for Morbidity and Mortality?** Pradip Kamat, MD, MBA, FCCM	11:10 – 11:30 AM **Maximum Dosing Limits: Origins and Logic** Philip Yen, DDS
11:40 AM – 12:50 PM **Obstructive Sleep Apnea: Assessment and Implications for Risk and Procedural Sedation** Mohamed Mahmoud, MD	11:30 – 11:50 AM **Oral Sedation Update** Travis Nelson, DDS, MSD, MPH
12:05 – 12:30 PM **Advanced Capnography: Differentiating Bronchospasm from Respiratory Depression... And More** Bhavani Kodali, MD	11:50 AM – 12:10 PM **Calling 911 in an Office Base Setting- Stories from the Field** James Tom, DDS, MS, FACD
12:30 – 1:00 PM **Question and Answer Panel** Michael Ignelzi, Jr, DDS, PhD, Pradip Kamat, MD, MBA, FCCM, Bhavani Kodali, MD, Mohamed Mahmoud, MD	12:10 – 12:40 PM **What Went Wrong? Medical and Anesthesia Related Complications** James Tom, DDS, MS, FACD
	12:40 – 1:00 PM **Common Myths & Cognitive Errors in Dental Anesthesia Disasters** Steve Yun, MD

1:00 – 2:15 PM	**Lunch On Your Own or Option Lunch Breakout Panel** **Sedation Techniques for Radiological Procedures:** Mohamed Mahmoud, MD, Isabela Cajiao-Angelelli, MD, April Hollenbeck, MPAS, PA-C **Special Lunch: Airway Management and Hands-On Capnography Workshops: A Combination: Basic Skills** **Pre-registration and fee required.** Jennifer Dearden, MD* (Airway Workshop Director), Bhavani Kodali, MD (Capnography Workshop Director). Elena Brusseau, MD, Hyun Kee Chung, MD, Babu Koka, MD, Vesela Kovacheva, MD, PhD, Charles Nargozian, MD, Janet Valicenti, CRNA, Bistra Vlassakova, MD, Steve Zgleszewski, MD

WEEKEND CONFERENCE SCHEDULE

SUNDAY, SEPTEMBER 16, 2018

Weekend Conference: Advancing Safety in Pediatric Sedation

Course Director: Keira P. Mason, MD

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2:15 – 5:30 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: Addressing the Challenges of Sedationists Worldwide **Moderator:** Egidio Barbi, MD	**Track B: Clinical Care through the Lens of International Dental Experts** **Moderator:** Nancy Sandoval, MD	**Track C: Be a Captain of Your Ship: Navigating the Sedation Waters** **Moderator:** Douglas Carlson, MD
2:15 – 2:45 PM **Lessons Learned: Reducing Medication Error** Craig Webster, BSc, MSc, PhD	2:15 – 2:45 PM **Strategies and Approaches to the Autistic Child** Travis Nelson, DDS, MSD, MPH	2:15 – 2:45 PM **Re-exploring New Routes: Nasal, Oral and Intramuscular** Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM
2:45 – 3:05 PM **Sedation in Special Needs Children** Egidio Barbi, MD	2:45 – 3:15 PM **Treating Patients with Disabilities and Complex Medical Histories** Jason Brady, DMD	2:45 – 3:10 PM **Negotiating Support to Develop and Sustain Your Sedation Service** Dean Andropoulos, MD, MHCM
3:05 – 3:30 PM **Oral Sedatives** Piet Leroy, MD, PhD	3:15 – 3:35 PM **Keeping the Old Recipes Alive: From Midazolam to Oral Benadryl** Dorothy Pang, DDS, MS	3:10 – 3:30 PM **Role of Quality Improvement over Different Sedation Locations Outside the OR** Mohamed Mahmoud, MD
3:30 – 5:00 PM **Multi-Specialty International Forum: Let's Hear It From the Multispecialists from the US, Europe, Asia, Australia (Case Studies)** **Moderator/Speaker:** Mark Roback, MD. Franz Babl, MD, MPH, Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM, Egidio Barbi, MD, Steve Green, MD, Robert Kennedy, MD, Piet Leroy, MD, PhD	3:35 – 3:55 PM **When to Say No!** Cory Resnick, MD, DMD	3:30 – 4:00 PM **Meeting Sedation Needs (Medium and Small Hospitals) and Keeping it Safe** Douglas Carlson, MD
	3:55 – 4:25 PM **Sedation Failures: Why They Occur and How to Avoid?** Eduardo Alcaino , BDS (Hons), MDSc, FRACDS, MRACDS, MIntBus/Law	4:00 – 4:30 PM **Medication Selection: Designing Your Sedation Plan** Troy Sands, MD
5:00 – 5:30 PM **Question and Answer Panel**	4:20 – 4:45 PM **Pharmacology of Emergency Drugs** Jason Brady, DMD	4:30 – 5:00 PM **How to Use Nitrous in a System** Isabela Cajiao-Angelelli, MD, April Hollenbeck, MPAS, PA-C
	4:45 – 5:00 PM **Medical Emergencies in the Dental Office: Preparation, Identification and Results** Cory Resnick, MD, DMD	5:00 – 5:30 PM **Question and Answer Panel**
	5:00 – 5:30 PM **Recovery Care of the Dental Patient Following Anesthesia or Sedation** Nancy Sandoval, MD	**This session will be a series of interactive discussions to help participants evaluate potential gaps and needed improvements in sedation provision at their home institutions. Each speaker will highlight improvements that can be made to sedation programs. The session is intended to be beneficial to those that are part of existing or new sedation programs.** 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) Determine best drug combination improve safety, efficacy and efficiency

REGISTRATION INFORMATION

Register by July 1, 2018 and receive a $100 discount towards weekend conference tuition. Promo code: SEDATION1 Reduced Weekend Course Tuition Fee for four or more attendees from the same hospital/institution: $649 per person. This reduced tuition fee only includes the weekend course. (In order to receive this discount, please contact the BCH CME office at cmedepartment@childrens.harvard.edu)

Registrations must be made via our secure online registration system. Registration by credit card can be made by clicking the register button above. Registration by check (draft on a United States bank): please make payable to Boston Children's Hospital and contact the CME Department at cmedepartment@childrens.harvard.edu to discuss payment. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration, an email confirmation from the Boston Children's office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation and certificate. Inquiries should be directed to the above address, made by phone: (617) 919-3108, Monday - Friday, 9 AM to 5 PM (EST), or by email: cmedepartment@childrens.harvard.edu

INQUIRIES

By phone (617) 919-3108, Monday-Friday, 9 AM to 5 PM (EST) or by email at: cmedepartment@childrens.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 Hilton Financial District Hotel, 750 Kearny St, San Francisco, CA 94108 in San Francisco, CA.

DISCLAIMER

CME activities sponsored by Boston Children's Hospital 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.

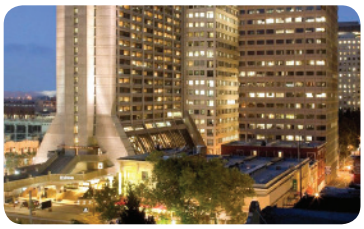
DISCLOSURE POLICY

Boston Children's Hospital adheres to all ACCME Essential Areas, Standards, and Policies. It is Boston Children'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 Boston Children's 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, email, or fax. 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 Hilton Financial District Hotel. Please reserve hotel space early.

A limited number of rooms have been reserved at the Hilton Financial District Hotel until **August 23, 2018**. The Hilton Financial District Hotel is located on 750 Kearny St., San Francisco, CA, 94108. Telephone: 415-433-6600. Please specify that you are enrolled in this course to receive a reduced room rate of $229 USD/per night (Single/Double Rate). An additional charge of $25.00 per person will apply for the third and fourth person per guest room. Hotel arrangements can also be made online at **www.PediatricSedationConference.com**. Please do not purchase non-refundable airline ticket(s) until you have received an email from our office confirming your paid registration.

ACCREDITATION

In support of improving patient care, Boston Children's Hospital is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for the healthcare team.

Physician

Boston Children's Hospital designates this live activity for a maximum of 29.0 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in this activity.

This activity meets the requirements for 9 Risk Management Credits as proscribed by the Massachusetts Board of Registration in Medicine and defined in 243 CMR 2.06(5)(d) I. 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.eaccme.eu**.

Nurse

Boston Children's Hospital designates this activity for a maximum of 29 contact hours for nurses. Nurses should only claim credit commensurate with the extent of their participation in the activity.

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 (9/14/2018): Approved by the American College of Emergency Physicians for 8.5 hour(s) of ACEP Category I credit.
Friday Simulation Workshop (9/14/2018): Approved by the American College of Emergency Physicians for 8.5 hour(s) of ACEP Category I credit.
Weekend Conference (9/15-9/16/2018): Approved by the American College of Emergency Physicians for 14.0 hour(s) of ACEP Category I credit.

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-Medical Knowledge
- Practice-based Learning and Improvement

IEC COMPETENCIES

This course is designed to meet one or more of the following Interprofessional Education Collaborative competencies:

- Interprofessional Communication

Friday, September 14, 2018

Full-Day Pediatric Simulation Workshops	$679
The Fundamentals and Practical Applications of Sedation Symposium: From Hospital to Dental Office Based Setting	$589
Lunch On Your Own OR Optional Workshop: Workshop: Airway Management and Hands- On Capnography Workshop, A Combination: (Basic Skills)	$100

Saturday, September 15, 2018

Pediatric Dental Sedation Crisis Management: Didactics and Simulation Combination (Lunch Included)	$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 (Lunch Included)	$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.	

Saturday - Sunday, September 15-16, 2018

Two Day Weekend Course: Advancing Safety in Pediatric Sedation

Physicians/Dentists:	$799
Residents/Fellows, Nurses, and Allied Health Professionals	$549
Add-On: Pediatric Dental Sedation Simulation Workshop. Dentists can replace half a day of didactics on Saturday 9/15 (weekend conference) for the dental simulation workshop.	$379

Optional Breakfast Breakout Panels:

911 in the Dental Office: From Anticipation to Management	$75
Ketamine	$75
Propofol	$75
Dexmedetomidine (Due to popular demand, it will be offered on Saturday and Sunday)	$75

Optional Lunch Breakout Panels:

Special Lunch Workshop: Airway Management and Hands-On Capnography Workshop, A Combination: Basic Skills	$100
Interactive Round Table with International Experts: Developing and Starting a Sedation Program from A –Z	$100
Strategies for Patients with Special Needs: Pharmacologic to Non-Pharmacologic	$100
Sedation Techniques for Radiological Procedures	$100

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

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FRIDAY, SEPTEMBER 14, 2018

Full-Day Sedation Symposium
The Fundamentals and Practical Applications of Sedation:
From Hospital to Dental Office Based Setting

Full-Day Pediatric Sedation Simulation Workshops

SEPTEMBER 15-16, 2018

WEEKEND SEDATION CONFERENCE
Advancing Safety in Pediatric Sedation

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