SAN FRANCISCO, CA
HILTON FINANCIAL DISTRICT HOTEL

PEDIATRIC SEDATION
OUTSIDE OF THE OPERATING ROOM

COURSE DIRECTOR
KEIRA P. MASON, MD

KEYNOTE SPEAKERS
Scaling Up Excellence: Getting to More Without Settling for Less

HAYAGREEVA RAO, PHD
Professor, Organizational Behavior & Human Resources at Stanford
Wall Street Journal Best Selling Author

Can “Consent” Ever Be Informed? Both Sides Reviewed from the Legal and Sedationist’s Perspective

STEVEN SHAFER, MD
Expert Witness, Michael Jackson Manslaughter Trial

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

FRIDAY, SEPTEMBER 20, 2019
FULL-DAY SEDATION SYMPOSIUM
Fundamentals and Practical Applications in Hospital-Based and Dental Sedation

Special Limited Enrollment Offering
FULL-DAY PEDIATRIC SEDATION SIMULATION WORKSHOPS

SEPTEMBER 21-22, 2019
WEEKEND SEDATION CONFERENCE
“Scaling Up Excellence” in Pediatric Sedation

$100 Early Discount Promo Code: Sedation2
Register by July 1, 2019
(Weekend Conference or Combo A/B only)

ABSTRACTS DEADLINE
JULY 1, 2019

www.PediatricSedationConference.com
Dear Colleagues and Friends:

It is our pleasure to welcome you to the 2019 Pediatric Sedation Outside of the Operating Room Weekend Conference: “Scaling Up Excellence” in Pediatric Sedation, Friday Fundamentals and Practical Applications in Hospital-Based and Dental Sedation Symposium, Friday Pediatric Sedation Simulation Workshop and Saturday Comprehensive Approach to Pediatric Dental Sedation: The Didactics and High-Fidelity Pediatric Dental Sedation Simulation Workshop. This year we are again presenting a unique, enriching, and exciting multidisciplinary conference.

We are thrilled to be hosting the 14th 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, 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 and planning committee, we would like to invite you to attend “Pediatric Sedation Outside 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

Jennifer L. Dearden, MD
Cyril Sahyoun, MD

Douglas W. Carlson, MD
Richard Steffen, Dr. med dent, WBA, KZM, SSO

Travis Nelson, DDS, MSD, MPH
David A. Young, MD, MEd, MBA, FAAP, FASA

Mark G. Roback, MD
Vanessa Young, RN, BA

PLANNING COMMITTEE

WELCOME LETTER

WELCOME RECEPTION
SATURDAY, SEPTEMBER 21, 2019

Attendees and their guests are warmly invited to join the faculty for a complimentary reception on Saturday, September 21, 2019 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 Didactics and Symposium offerings are available online at: www.PediatricSedationConference.com
KEYNOTE SPEAKERS

HAYAGREEVA RAO, PHD
Professor, Organizational Behavior & Human Resources at Stanford
Wall Street Journal Best Selling Author

Dr. “Huggy” Rao is the Atholl McBean Professor of Organizational Behavior and Human Resources and Professor, by courtesy, of Sociology at Stanford University. Dr. Rao’s most recent book, co-authored with Bob Sutton of the School of Engineering at Stanford, is Scaling Up Excellence (www.scalingupexcellence.com). The book is a Wall Street Journal best seller, and was included in the best business books to read in 2014 by Financial Times, Inc Magazine, Amazon, Forbes, Washington Post and the Library Journal.

His research has been published in journals such as the Administrative Science Quarterly, American Journal of Sociology, American Sociological Review, Academy of Management Journal, Organization Science and Strategic Management Journal. He is also the author of “Market Rebels: How Activists Make or Break Radical Innovation”, Princeton University Press. 2009.

Dr. Rao’s teaching specialties include leading organizational change, building customer focused cultures, and organization design. He teaches courses on these topics to MBA and executive audiences. He has consulted with, and conducted executive workshops for, organizations such as Aon Corporation, British Petroleum, CEMEX, General Electric, Hearst Corporation, IBM, Mass Mutual, James Hardie Company, Seyfarth and Shaw. Additionally, he also worked with nonprofit organizations such as the American Cancer Society and governmental organizations such as the FBI and CIA, and the intelligence community. Among the awards he has received are the Sidney Levy Teaching Award from the Kellogg School of Management, and the W. Richard Scott Distinguished Award for Scholarship from the American Sociological Association.

JOINT KEYNOTE LECTURE
Can “Consent” Ever Be Informed?
Both Sides Reviewed from the Legal and Sedationist’s Perspective

Steven Shafer, MD
Expert Witness, Michael Jackson Manslaughter Trial

Dr. Shafer is a Professor of Anesthesiology, Perioperative and Pain Medicine 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

Mr. Cohen 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.
**INTERNATIONAL**

**Gary Andolfatto, MD, FCFP (EM), BSc**  
Assistant Professor, Department of Emergency Medicine  
University of British Columbia  
Attending Physician and Emergency Department Research Director  
Lions Gate Hospital, North Vancouver  
British Columbia, Canada

**Egidio Barbi, MD**  
Professor in Pediatrics  
Pediatric Emergency Department  
Director Clinica Pediatrica and Post Graduate School in Pediatrics  
University of Trieste  
Chair of the Pediatric Department  
Trieste Institute for Maternal and Child Health  
Burlo Garofolo, Trieste, Italy

**Maala Bhatt, MD, MSc., FRCP**  
Director, Pediatric Emergency Research  
Staff Physician, Emergency Medicine  
Children's Hospital of Eastern Ontario

**Giorgio Cozzi, MD**  
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**Cyril Sahyoun, MD**  
Division of Pediatric Emergency Medicine  
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**Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM**  
Honorary Clinical Associate Professor  
Department of Anaesthesiology  
The University of Hong Kong  
Consultant, Department of Anaesthesiology  
Hong Kong Children's Hospital  
and Queen Mary Hospital, China

**NATIONAL**

**Dean B. Andropoulos, MD, MHCM**  
Professor, Anesthesiology and Pediatrics  
Vice Chair for Clinical Affairs  
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Baylor College of Medicine  
Anesthesiologist-in-Chief  
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**Lori Aronson, MD**  
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Chief Safety Officer, Department of Anesthesiology  
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Dental Faculty
FRIDAY, SEPTEMBER 20, 2019
FULL-DAY SEDATION SYMPOSIUM
Fundamentals and Practical Applications in Hospital-Based and Dental Sedation

BACK BY POPULAR DEMAND!
A Comprehensive Review of the Essentials and Practical Applications of Pediatric Procedural Sedation

This one-day course is a comprehensive introduction and review of the fundamentals of pediatric sedation with an emphasis placed on clinical applications of the content covered. The course 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 deep sedation by parenteral, intranasal, enteral and inhalation routes of administration. This course serves as an introduction and review of the principles of sedation using a case-based approach. 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 options for procedural sedation. 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. At the optional airway workshop, the attendee will have the opportunity to gain hands-on experience learning airway techniques to rescue patients from deep sedation, including practice with face masks and ambo 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:

• Assess the pediatric airway and identify patients who may require advanced airway management.
• 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.
• Anticipate and prepare for sedation-related adverse events and perform rescue.
FRIDAY, SEPTEMBER 20, 2019  
FULL-DAY SEDATION SYMPOSIUM  
The Fundamentals and Practical Applications in Hospital-Based and Dental Sedation  
Course Director: Keira P. Mason, MD  
Director, Fundamentals and Practical Applications in Hospital-Based and Dental Sedation Symposium: Mark Roback, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00 – 8:20 AM</td>
<td>Welcome and Introduction Keira P. Mason, MD and Mark Roback, MD</td>
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<tr>
<td>8:20 – 8:40 AM</td>
<td>Airway Assessment and Pearls of Management Jennifer L. Dearden, MD</td>
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<tr>
<td>8:40 – 9:00 AM</td>
<td>Anatomic and Physiologic Considerations Unique to Procedural Sedation Mohamed Mahmoud, MD</td>
</tr>
<tr>
<td>9:00 – 9:20 AM</td>
<td>Patient Assessment and Selection: Recognizing the Red Flags Keira P. Mason, MD</td>
</tr>
<tr>
<td>9:20 – 9:40 AM</td>
<td>Applications and Interpretation of Capnography: Tricks of the Trade Bhavani Kodali, MD</td>
</tr>
<tr>
<td>9:40 – 10:00 AM</td>
<td>Question and Answer Panel Mark Roback, MD (Moderator). Jennifer Dearden, MD, Bhavani Kodali, MD, Mohamed Mahmoud, MD, Keira P. Mason, MD</td>
</tr>
<tr>
<td>10:00 – 10:20 AM</td>
<td>Morning Break</td>
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<tr>
<td>10:50 – 11:10 AM</td>
<td>Effective Approaches to Treating Children with Special Needs Egidio Barbi, MD</td>
</tr>
<tr>
<td>11:10 – 11:30 AM</td>
<td>Important Strategies to Improving Safety in the Office Based Setting Brian Chanpong, DDS, MSc</td>
</tr>
<tr>
<td>11:30 – 11:50 AM</td>
<td>Question and Answer Panel Mark Roback, MD (Moderator). Egidio Barbi, MD, Brian Chanpong, DDS, MSc, Baruch Krauss, MD, EdM</td>
</tr>
</tbody>
</table>
| 11:50 AM – 1:00 PM | Lunch On Your Own OR Optional Lunch and Learn Opportunities (Pre-registration and Fee Required)  
Airway Management: A Hands-On Workshop Jennifer Dearden, MD (Workshop Director). Nelson Aquino, CRNA, Hyun Kee Chung, MD, Mara Kenger, MD, Charles Nargosian, MD, Matthew Novak, MD, Janet Valicenti, CRNA, Steven Zgleszewski, MD  
Capnography Workshop: A Hands-On Workshop of Utilization and Interpretation Bhavani Kodali, MD (Workshop Director). Stephanie Kahntroff, MD  
Challenging Dental Case Studies: Interactive Workshop James Tom, DDS, MS, FACD, Brian Chanpong, DDS, MSc, Paloma Pérez Prieto, DMD, Ronaldo Kosinski, DMD |

**Afternoon Sessions**

<table>
<thead>
<tr>
<th>Time</th>
<th>Hospital-Based Track Moderator: Mark Roback, MD</th>
<th>Dental Track Moderator: James Tom, DDS, MS, FACD</th>
</tr>
</thead>
</table>
| 1:00 – 1:30 PM | The Sedation Continuum: Strategies at Achieving Each Target Maala Bhatt, MD, MSc., FRCP  
Maala Bhatt, MD, MSc., FRCPC |
| 1:30 – 2:00 PM | Needs to Go Now! Sedation for Unscheduled, Emergency Procedures Mark Roback, MD  
Mark Roback, MD |
| 2:00 – 2:30 PM | Preparing For, Recognizing, Reducing Risk and Management of Adverse Events Gary Andolfatto, MD, FCFP(EM), BSc  
Gary Andolfatto, MD, FCFP(EM), BSc |
| 2:30 – 2:50 PM | Question and Answer Panel Gary Andolfatto, MD, FCFP(EM), BSc, Maala Bhatt, MD, MSc., FRCP, Mark Roback, MD  
Gary Andolfatto, MD, FCFP(EM), BSc, Maala Bhatt, MD, MSc., FRCP, Mark Roback, MD |
| 2:50 – 3:10 PM | Afternoon Break                                  |

**Groups Reconvene**

| Time     | Clinical Case Studies: Audience Participation Required Gary Andolfatto, MD, FCFP(EM), BSc, Egidio Barbi, MD, Maala Bhatt, MD, MSc., FRCP, Paloma Pérez Prieto, DMD, Mark Roback, MD, Thomas Tanboniliong, DDS  
Gary Andolfatto, MD, FCFP(EM), BSc, Egidio Barbi, MD, Maala Bhatt, MD, MSc., FRCP, Paloma Pérez Prieto, DMD, Mark Roback, MD, Thomas Tanboniliong, DDS |
|----------|----------------------------------------------------------------------------------------------------------------|
| 3:10 – 4:00 PM | The (Actual and Virtual) Reality of Sedation Efficacy Cyril Sahyoun, MD  
Cyril Sahyoun, MD |
| 4:00 – 4:20 PM | Be a Fly on the Wall: Sedation Videos (Hospital, Office, Dental) to Critique and Learn From. Audience Participation Invited on Chiles, MD  
Be a Fly on the Wall: Sedation Videos (Hospital, Office, Dental) to Critique and Learn From. Audience Participation Invited on Chiles, MD |
| 4:20 – 5:20 PM | Wrap-Up Mark Roback, MD  
Mark Roback, MD |
| 5:20 – 5:30 PM | Wrap-Up Mark Roback, MD  
Mark Roback, MD |

PEDIATRIC SEDATION OUTSIDE OF THE OPERATING ROOM 2019 THEME: “SCALING UP EXCELLENCE”
FRIDAY, SEPTEMBER 20, 2019
FULL-DAY HIGH FIDELITY PEDIATRIC SEDATION SIMULATION WORKSHOPS

WORKSHOP DESCRIPTION

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 environment for learning and evaluation, the opportunity to train with the actual equipment used in the clinical setting, and provides for repetition and reflection. This course is intended for practitioners providing moderate and deep sedation in a variety of practice settings. This activity offers a high-fidelity simulation experience to facilitate effective acquisition of the skills required 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 and deep sedation. Following a brief introduction explaining essential principles, participants will demonstrate appropriate patient management on human patient simulators. 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. Structured post-simulation debriefings will integrate performance feedback, promote reflective practice, and augment future performance. The full-day of high fidelity simulation scenarios are facilitated by national and internationally recognized faculty with medical simulation expertise.

Course registration is limited to provide each registrant with an optimal, educational hands-on experience. There will be two optional “working” lunches which offers the opportunity to have additional hands-on experience with personalized faculty attention using manikins to develop and improve airway skills. The Airway Workshop is intended to solidify skills at delivering positive pressure ventilation using a face mask and self-inflating bag along with the insertion of nasal and oral airways. The Capnography Workshop will give learners a comprehensive understanding of capnography and they will learn why it is an integral part of monitoring sedation to enhance patient safety.

LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:
• Explain the importance of human-factors in the management of critical events.
• Summarize the key components of a simulation-based learning encounter.
• Describe how to incorporate simulation into the process of training sedation care providers.
• Demonstrate the appropriate components of a primary pediatric assessment.
• Develop an algorithm for the management of various causes of airway obstruction.
• Create a differential diagnosis for the etiology of respiratory depression.
• Construct an effective management strategy for the pediatric patient with respiratory compromise.
• Demonstrate appropriate management of the pediatric patient with cardiovascular compromise.
• Demonstrate proficiency in directing a team during a crisis.
**Simulation Workshop Schedule**

**Friday, September 20, 2019**

**Pediatric Sedation Simulation Workshops**

**Course Director:** Keira P. Mason, MD  
**Workshop Director:** David Young, MD, MEd, MBA, FAAP, FASA

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 or Hands-On Capnography Lunch Workshops. Participants will spend one hour in each of the six scenarios.

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>6:30 – 7:30 AM</td>
<td><strong>Registration and Breakfast</strong></td>
</tr>
<tr>
<td>7:30 – 8:30 AM</td>
<td><strong>Introduction: Simulation for Sedation Training</strong></td>
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<tr>
<td></td>
<td>David Young, MD, MEd, MBA, FAAP, FASA</td>
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<tr>
<td>8:30 – 9:30 AM</td>
<td><strong>Scenario 1</strong></td>
</tr>
<tr>
<td>9:30 – 10:30 AM</td>
<td><strong>Scenario 2</strong></td>
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<tr>
<td>10:30 – 10:50 AM</td>
<td><strong>Morning Break</strong></td>
</tr>
<tr>
<td>10:50 – 11:50 AM</td>
<td><strong>Scenario 3</strong></td>
</tr>
<tr>
<td>11:50 AM – 1:00 PM</td>
<td><strong>Lunch On Your Own OR Optional Lunch Workshop</strong> (Pre-registration/fee required)</td>
</tr>
</tbody>
</table>

**Airway Management: A Hands-On Workshop**  
Jennifer Dearden, MD (Workshop Director), Nelson Aquino, CRNA, Hyun Kee Chung, MD, Mara Kenger, MD, Charles Nargozian, MD, Matthew Novak, MD, Janet Valicenti, CRNA, Steven Zgleszewski, MD

**Capnography Workshop: A Hands-On Workshop of Utilization and Interpretation**  
Bhavani Kodali, MD (Workshop Director), Stephanie Kahntroff, MD

**Challenging Dental Case Studies: Interactive Workshop**  
James Tom, DDS, MS, FAcD, Brian Chanpong, DDS, MSc, Paloma Pérez Prieto, DMD

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<th>Time</th>
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<tbody>
<tr>
<td>1:00 – 2:00 PM</td>
<td><strong>Scenario 4</strong></td>
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<tr>
<td>2:00 – 3:00 PM</td>
<td><strong>Scenario 5</strong></td>
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<tr>
<td>3:00 – 4:00 PM</td>
<td><strong>Scenario 6</strong></td>
</tr>
<tr>
<td>4:00 – 4:30 PM</td>
<td><strong>Closing Remarks and Debriefing/Interactive Feedback</strong></td>
</tr>
</tbody>
</table>

*Program changes/substitutions may be made without notice.*

**Moderator and Leader of Simulation Workshops:**  
David Young, MD, MEd, MBA, FAAP, FASA

**Post Sedation Recovery Event Scenario:**  
Bistra Vlassakova, MD*, Sharon Redd, MD, Vanessa Young, RN, BA

**Dental Medicine Directed Scenario:**  
Calvin Kuan, MD*, Jerry Chao, MD, Rick Ritt, EMT-P, MA, Tammy Wang, MD

**Anesthesia Directed Scenario:**  
Timothy Martin, MD, MBA, FASA*, William Waldrop, MD, Kale Wayman, MD

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

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

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

*Indicates Scenario/Workshop Leader

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**Pediatric Sedation Outside of the Operating Room 2019 Theme:** “Scaling Up Excellence”
SEPTEMBER 21-22, 2019
WEEKEND SEDATION CONFERENCE:
“SCALING UP EXCELLENCE”

TARGET AUDIENCES
This multi-speciality conference is intended for physicians, dentists, registered nurses, CRNAs, nurse practitioners, advanced practice nurses, pharmacists, and health care administrators. Specialties include: anesthesiology, emergency medicine, hospital medicine, pediatrics, and intensive care medicine. Pediatric dentists, general dentists, dentist anesthesiologists, oral and maxillofacial surgeons as well as anesthesia care team members providing sedation and/or anesthesia care in dental office-based settings.

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 abroad. This course offers both didactic lectures and panel discussions. An optional hands-on airway workshop in basic skills will be offered. Small round table discussions with the faculty and afternoon concurrent tracks provide 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 for 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. The aim of 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, 2019

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 21-22, 2019 Weekend Conference.
### WEEKEND CONFERENCE SCHEDULE

**SATURDAY, SEPTEMBER 21, 2019**

**Weekend Conference Day 1: “Scaling Up Excellence” in Pediatric Sedation**

**Course Director:** Keira P. Mason, MD  
**Director, Pediatric Dental Sedation Conference:** James Tom, DDS, MS, FACD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>6:30 – 7:00 AM</td>
<td><strong>Early Bird Registration</strong></td>
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<tr>
<td>7:00 – 8:15 AM</td>
<td><strong>Registration/Breakfast OR Optional Breakfast Breakout Panel</strong></td>
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</tbody>
</table>
| 7:00 – 8:00 AM| **Optional Breakfast Breakout Panels** (Pre-Registration and Fee Required)  
*Early Bird Catches the Worm* Wake up early for interactive breakfast panels with the experts.  
**Dexmedetomidine:** Mohamed Mahmoud, MD, Keira P. Mason, MD, Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM  
**Non-Pharmacological Techniques:** Egidio Barbi, MD, Cyril Sahyoun, MD  
**Strategies for High Risk Patients:** Mark Roback, MD, Robert Kennedy, MD |
| 8:15 – 9:00 AM| **Keynote Lecture: Scaling Up Excellence: Getting to More Without Settling for Less**  
Hayagreeva Rao, PhD  
Stanford Professor, Organizational Psychologist and *Wall Street Journal* Best-Selling Author |
| 9:00 – 9:15 AM| **Question and Answer Panel**                                           |
| 9:15 – 9:45 AM| **Book Signing and Morning Break with Exhibitors**                       |
| 9:45 – 10:15 AM| **PALS Review: Things I Can’t Believe I Forgot**  
David Young, MD, MEd, MBA, FAAP, FASA |
| 10:15 – 10:45 AM| **Capnography: Understanding the Nuances to Diagnose and Treat**  
Bhavani Kodali, MD |
| 10:45 – 11:15 AM| **Sleep Disorders: Evaluation, Management and Sedation Approaches**  
Timothy Martin, MD, MBA, FASA |
| 11:15 – 11:45 AM| **Establishing Safety in Sedation: The Clinical and Holistic Approach**  
Keira P. Mason, MD |
| 11:45 – 12:00 PM| **Question and Answer Panel**                                            
Bhavani Kodali, MD, Timothy Martin, MD, MBA, FASA, Keira P. Mason, MD, David Young, MD, MEd, MBA, FAAP, FASA |
| 12:00 – 1:30 PM| **Lunch On Your Own OR Optional Lunch Breakout Panel** (Pre-Registration and Fee Required) |
| 12:00 – 1:30 PM| **Optional Lunch Breakout Panels** (Pre-Registration and Fee Required)  
**Strategies for Patients with Special Needs: Pharmacologic to Non-Pharmacologic:** Egidio Barbi, MD, Giorgio Cozzi, MD, Dimitris Emmanouil, DDS, MS, PhD  
**Airway Management: A Hands-On Workshop** Jennifer Dearden, MD (Workshop Director). Nelson Aquino, CRNA, Hyun Kee Chung, MD, Mara Kenger, MD, Charles Nargozian, MD, Matthew Novak, MD, Janet Valicenti, CRNA, Steven Zgleszewski, MD  
**Capnography Workshop: A Hands-On Workshop of Utilization and Interpretation** Bhavani Kodali, MD (Workshop Director), Stephanie Kahntroff, MD |
| 1:30 – 2:00 PM| **Non Pharmacological Approaches to Achieving Anxiolysis and Improving the Sedation Experience**  
Cyril Sahyoun, MD |
| 2:00 – 2:30 PM| **Hold the Chocolate! Sedating the Obese Child**  
Lori Aronson, MD |
| 2:30 – 3:00 PM| **The Dying Child: Sedation for End of Life**  
Yuan Chi Lin, MD |
| 3:00 – 3:15 PM| **Question and Answer Panel**                                            
Lori Aronson, MD, Yuan Chi Lin, MD, Cyril Sahyoun, MD, Gary Andolfatto, MD, FCFP(EM), BSc |
| 3:15 – 3:45 PM| **Afternoon Break with Exhibitors**                                     |
| 3:45 – 4:30 PM| **Nitrous Oxide and Ketamine: A Practical Approach Based on Decades of Experience**  
Robert Kennedy, MD |
| 4:30 – 5:00 PM| **Dexmedetomidine: Clinical Applications Using all Routes**  
Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM |
| 5:00 – 5:30 PM| **The Art of Propofol Delivery: A Masterpiece Requiring Experience, Creativity and Careful Preparation**  
Douglas Carlson, MD |
| 5:30 – 6:00 PM| **Question and Answer Panel**                                            
Douglas Carlson, MD, Robert Kennedy, MD, Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKAM |
| 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 22, 2019**

Weekend Conference Day 2: “Scaling Up Excellence” in Pediatric Sedation

**Course Director:** Keira P. Mason, MD  
**Director, Pediatric Dental Sedation Conference:** James Tom, DDS, MS, FACP

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:45 – 8:00 AM</td>
<td><strong>Registration/Breakfast OR Optional Breakfast Breakout Panel</strong></td>
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<tr>
<td></td>
<td><em>Wake-Up Early! Interactive Expert Breakfast Panels</em></td>
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<tr>
<td></td>
<td>Ketamine: Douglas Carlson, MD, Baruch Krauss, MD, EdM, Mark Roback, MD</td>
</tr>
<tr>
<td></td>
<td>Radiological Imaging: Mohamed Mahmoud, MD, Saif Siddiqui, MD, Vivian Yuen, MD, MBBS, FANCZA, FHKCA, FHKM</td>
</tr>
<tr>
<td></td>
<td>Airway Management: A Hands-On Workshop: Jennifer Dearden, MD (Workshop Director), Nelson Aquino, CRNA, Hyun Kee Chung, MD, Mara Keniger, MD, Charles Nargozian, MD, Matthew Novak, MD, Janet Valicenti, CRNA, Steven Żgleszewski, MD</td>
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<td></td>
<td>Capnography Workshop: A Hands-On Workshop of Utilization and Interpretation: Bhavani Kodali, MD (Workshop Director), Stephanie Kahnroff, MD</td>
</tr>
<tr>
<td>8:00 – 9:00 AM</td>
<td>Joint Keynote Lecture: Can “Consent” Ever Be Informed? Both Sides Reviewed from the Legal and Sedationist’s Perspective Stewart Cohen, Esq. and Steven Shafer, MD</td>
</tr>
<tr>
<td>9:00 – 9:30 AM</td>
<td>New and Novel Techniques and Approaches to Pain Management Pamela Flood, MD</td>
</tr>
<tr>
<td>9:30 – 10:00 AM</td>
<td>Are There New Sedatives and Anesthetic Drugs on the Horizon? Dean Andropoulos, MD, MHCM</td>
</tr>
<tr>
<td>10:00 – 10:45 AM</td>
<td>Establishing Trusting Relationships with Children Baruch Krauss, MD, EdM</td>
</tr>
<tr>
<td>10:45 – 11:15 AM</td>
<td><strong>Morning Break With Exhibitors</strong></td>
</tr>
<tr>
<td>11:15 AM – 1:15 PM</td>
<td><strong>Morning Track Lectures.</strong> 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.</td>
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</tbody>
</table>
| **Track 1:** Critical Considerations for Improving Sedation Delivery  
Moderator: Cyril Sahyoun, MD | **Track 2:** Clinical Pearls for Pediatric Dental Sedation & Pain Control  
Moderator: James Tom, DDS, MS, FACP |
| 11:15 – 11:45 AM| Sedation in Children with Disabilities, Complex Medical Histories and Those at High Risk for Complications David Rothman, DDS |
| 11:45 – 12:15 PM| More is Not Always Better: Clinical Implications of Sedation Combos Cyril Sahyoun, MD |
| 12:15 – 12:45 PM| Top Picks of 2018 and 2019: High Impact Sedation and Dental Sedation Publications Timothy Martin, MD, MBA, FASA |
| 12:45 – 1:15 PM| Question and Answer Panel Timothy Martin, MD, MBA, FASA, Cyril Sahyoun, MD |
| 1:15 – 2:15 PM| **Lunch On Your Own OR Optional Lunch Breakout Panel** (Pre-Registration and Fee Required)  |
|              | Airway Management: A Hands-On Workshop: Jennifer Dearden, MD (Workshop Director), Nelson Aquino, CRNA, Hyun Kee Chung, MD, Charles Nargozian, MD, Matthew Novak, MD, Janet Valicenti, CRNA, Steven Żgleszewski, MD  |
|              | Capnography Workshop: A Hands-On Workshop of Utilization and Interpretation: Bhavani Kodali, MD (Workshop Director), Stephanie Kahnroff, MD  |
|              | Propofol: Gary Andolfatto, MD, FCFP(EM), BSc., Saif Siddiqui, MD, Michael Turmelle, MD  |
SUNDAY, SEPTEMBER 22, 2019

Weekend Conference: Advancing Safety in Pediatric Sedation

Course Director: Keira P. Mason, MD
Director, Pediatric Dental Sedation Conference: James Tom, DDS, MS, FACD

2:15 – 5:30 PM Afternoon Track Lectures. Attendees 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.

<table>
<thead>
<tr>
<th>Track 1: Clinical Care Through the Lens of International Dental Experts Moderator Ronald Kosinski, DMD</th>
<th>Track 2: Be a Captain of Your Ship: Navigating the Sedation Waters Moderator Douglas Carlson, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:15 – 2:45 PM Strategies and Approaches to the Dental Patient with Special Needs Lenny Naftalin, DDS</td>
<td>Developing and Insuring Sedation Provider Expertise Michael Turmelle, MD</td>
</tr>
<tr>
<td>2:45 – 3:15 PM Emergency Drugs: When to Use What Jason Brady, DMD</td>
<td>Sedation Service Design: Successes and Opportunities Amber Rogers, MD</td>
</tr>
<tr>
<td>3:15 – 3:45 PM How Do We Do Crisis Simulation in a Dental Office Setting? Rick Ritt, EMT-P, MA</td>
<td>Designing a Sedation Plan for Efficacy and Efficiency Isabela Cajiao-Angetelli, MD</td>
</tr>
<tr>
<td>3:45 – 4:15 PM Which Pediatric Dental /Oral Surgery Procedures Are Best Performed with General Anesthesia? Dimitris Emmanouil, DDS, MS, PhD</td>
<td>Developing a Family Friendly Environment. It’s More Than Just the Drugs Edigio Barbi, MD</td>
</tr>
<tr>
<td>4:15 – 4:45 PM Rescue in the Office: Dial 911 and then What? Michael Lam, MD</td>
<td>Negotiating Support and Maximizing Billing and Reimbursement Douglas Carlson, MD</td>
</tr>
<tr>
<td>4:45 – 5:15 PM Regulations: Review of the Most Relevant Guidelines and Policies for Dental Sedation and Office-Based Sedation and Anesthesia Across the US Ronald Kosinski, DMD</td>
<td>Quality Improvement Across Different Sedation Locations Mohamed Mahmoud, MD</td>
</tr>
<tr>
<td>5:15 – 5:30 PM Question and Answer Panel</td>
<td>Question and Answer Panel</td>
</tr>
</tbody>
</table>

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. This session is intended to be beneficial for those that are part of existing or new sedation programs.

HOTEL ACCOMMODATIONS

There are 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 29, 2019. 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 $249 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. Please do not purchase non-refundable airline ticket(s) until you have received an email from our office confirming your paid registration.
Reduced Weekend Course Tuition Fee for four or more attendees from the same hospital/institution: $150 discount per person. This discount can only be used towards Two Day Weekend Course: “Scaling Up Excellence” or Course Packages A/B. (In order to receive this discount, please contact the BCH CME office at cmedepartment@childrens.harvard.edu) The discount cannot be used in combination with the early bird discount or towards the Simulation Workshops.

Registrations must be made via our secure online registration system. Payment can be made by credit card or check. If payment is made 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 Hospital CME 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

Please check your individual state licensing board requirements before claiming these credits.

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

Physician
Boston Children’s Hospital designates this activity for a maximum of 28.75 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 19.5 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.eacme.eu.

Nurse
Boston Children’s Hospital designates this activity for a maximum of 28.75 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 (9/20/2019): Approved by the American College of Emergency Physicians for a maximum of 7.75 of ACEP Category I credits.
Friday Simulation Workshop (9/20/2019): Approved by the American College of Emergency Physicians for a maximum of 7.5 of ACEP Category I credits.

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 and Procedural Skills
• Medical Knowledge
• Practice-based Learning and Improvement
• Interpersonal and Communication Skills

IEC COMPETENCIES
This course is designed to meet one or more of the following Interprofessional Education Collaborative competencies:
• Interprofessional Communication
**Friday, September 20, 2019**

**Full-Day Pediatric Sedation Simulation Workshops** *Extremely Limited Enrollment*  
$679

**The Fundamentals and Practical Applications in Hospital-Based and Dental Sedation Symposium**  
$589

**Optional Lunch Breakout Workshops**

Airway Management: A Hands-On Workshop *Limited Enrollment*  
$75

Capnography Workshop: A Hands-On Workshop of Utilization and Interpretation *Limited Enrollment*  
$75

Challenging Dental Case Studies: Interactive Workshop  
$75

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**Saturday - Sunday, September 21-22, 2019**

**Two Day Weekend Course: “Scaling Up Excellence”**

Physicians/Dentists  
$799

Residents/Fellows, Nurses, and Allied Health Professionals  
$549

**Optional Add-On:** Pediatric Dental Sedation Simulation Workshop. Dentists can replace half a day of didactics on Saturday 9/21 (weekend conference) for the dental simulation workshop.  
$379

**Optional Breakfast Breakout Panels and Workshops:**

Dexmedetomidine  
$50

Non-Pharmacological Techniques  
$50

Strategies for High Risk Patients  
$50

Ketamine  
$50

Radiological Imaging  
$50

Airway Management: A Hands-On Workshop *Limited Enrollment*  
$50

Capnography Workshop: A Hands-On Workshop of Utilization and Interpretation *Limited Enrollment*  
$50

**Optional Lunch Breakout Panels and Workshops:**

Airway Management: A Hands-On Workshop (Offered Friday, Saturday and Sunday) *Limited Enrollment*  
$75

Capnography Workshop: A Hands-On Workshop of Utilization and Interpretation (Offered Friday, Saturday and Sunday) *Limited Enrollment*  
$75

Strategies for Patients with Special Needs: Pharmacologic to Non-Pharmacologic  
$75

Propofol  
$75

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**Saturday, September 21, 2019**

**A Comprehensive Approach to Pediatric Dental Sedation: The Didactics AND High-Fidelity Dental Sedation Simulation Combination (Lunch Included)**

Full-day of didactics and simulation. Comprehensive dental sedation crisis management (Includes: Didactics specifically focused on sedation for pediatric dentistry) Dental sedation simulation workshop tailored for dental specialists.  
$828

**A Comprehensive Approach to Pediatric Dental Sedation: The Didactics ONLY (Lunch Included)**

Comprehensive dental sedation curriculum: A holistic approach to keeping it safe  
$449

**A Comprehensive Approach to Pediatric Dental Sedation: High-Fidelity Dental Sedation Simulation ONLY**

Dental sedation simulation workshop tailored for dental specialists. *Limited Enrollment*  
$679

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Please visit [www.PediatricSedationConference.com](http://www.PediatricSedationConference.com) for a complete list of discounted course package options
PEDIATRIC SEDATION
OUTSIDE OF THE OPERATING ROOM
SAN FRANCISCO, CA HILTON FINANCIAL DISTRICT HOTEL

FRIDAY, SEPTEMBER 20, 2019
FULL-DAY SEDATION SYMPOSIUM
Fundamentals and Practical Applications
in Hospital-Based and Dental Sedation

Special Limited Enrollment Offering
FULL-DAY PEDIATRIC SEDATION SIMULATION WORKSHOPS

SEPTEMBER 21-22, 2019
WEEKEND SEDATION CONFERENCE
“Scaling Up Excellence” in Pediatric Sedation

POSTER ABSTRACT DEADLINE
JULY 1, 2019

PROMOTIONAL DISCOUNT!
REGISTER BY JULY 1, 2019 and
RECEIVE A $100 DISCOUNT
WEEKEND CONFERENCE OR COMBO A/B ONLY
PROMO CODE: SEDATION2

COURSE DIRECTOR
KEIRA P. MASON, MD
DIRECTOR, FUNDAMENTALS OF SEDATION SYMPOSIUM
Mark G. Roback, MD
DIRECTOR, SEDATION SIMULATION WORKSHOPS
David A. Young, MD, MEd, MBA, FAAP, FASA
DIRECTORS, AIRWAY AND CAPNOGRAPHY WORKSHOPS
Jennifer Dearden, MD and Bhavani Kodali, MD
DIRECTOR, PEDIATRIC DENTAL SEDATION CONFERENCE
James Tom, DDS, MS, FACP

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