PRINCIPLES OF PEDIATRIC ANESTHESIA AND CRITICAL CARE
The Fairmont Copley Plaza Plaza Boston
May 10-12, 2019

KEYNOTE SPEAKER
KAREN B. DOMINO, MD, MPH

GUEST SPEAKERS
CASEY BOLTON (Parental Perspective)
CHARLES J. COTÉ, MD JAMES T. HILLIARD, JD
THOMAS G. GUTHEIL, MD LUKE SATO, MD

PRE-CONFERENCE WORKSHOP: Point-of-Care Ultrasound
WORKSHOPS: Pediatric Airway (Included in Tuition)
Pediatric Regional Anesthesia
Ultrasound-Guided Vascular Access
Acupuncture
MOCA® SIMULATION COURSE

COURSE DIRECTORS
Barry D. Kussman, MBBCh, FFA(SA)
Kirsten C. Odegard, MD
Janet Valicenti, CRNA
Bistra Vlassakova, MD

SAVE $100
Group Discount: Four or more attendees (same institution)
WELCOME TO PRINCIPLES OF PEDIATRIC ANESTHESIA AND CRITICAL CARE!

It is a pleasure to welcome you to this year’s *Principles of Pediatric Anesthesia and Critical Care* conference in Boston, hosted by the Department of Anesthesiology, Critical Care and Pain Medicine at Boston Children’s Hospital and accredited by Harvard Medical School. We face an ever-changing world, and the practice of pediatric anesthesiology can be a risky business. As the specialty continues to evolve, we are pleased to offer you an exciting, cutting edge pediatric anesthesia conference focusing on innovation, pediatric anesthesia research, hot topics and challenges, risk management techniques and interactive workshops.

This year we are very fortunate to have Dr. Karen Domino as our keynote speaker and as part of our special medicolegal session. Dr. Domino is the Director of the Anesthesia Closed Claims Project, and will discuss lessons learned and current trends in pediatric anesthesia risk management. This will be followed by a risk management session that will focus on liability prevention, deposition strategies, and “hot spots” in risk management. Because of the increasing population of survivors of congenital heart disease, we have added a congenital heart disease (CHD) session that will present the parental perspective of having a child with CHD, a pediatric cardiologist on the approach to management and follow-up of these patients, and the provision of anesthesia to children with CHD presenting for non cardiac procedures.

The conference offers interactive optional breakfast and lunch breakout panels each day. These informal sessions are staffed by our faculty and designed to facilitate a two-way learning process between attendees and presenters. We will be featuring a complimentary Pediatric Airway workshop on Saturday afternoon. Optional workshops include Pediatric Regional Anesthesia, Ultrasound Guided Vascular Access and Acupuncture. We will also be offering a pre-conference half day Point-of-Care Ultrasound Workshop. This workshop will offer practical tips on using the ultrasound as a tool for evaluating different aspects of a patient’s clinical status. Registrants also have the option to pair two or three days of the conference with a pediatric MOCA* course, which will take place in the operating rooms and recovery area of Boston Children’s Hospital.

We encourage participants to share their research and experiences by submitting their work for the poster session during the complimentary wine reception on Friday evening, where they will have the chance to network with other attendees and faculty. Our objective for the conference is to teach risk management in the perioperative setting and to create an opportunity for participants and faculty to interact with other clinicians for the benefit of their pediatric patients, practice, education and research. We hope you enjoy your visit to Boston and that you will have a valuable experience.

Course Director
Barry D. Kussman, MBBCh, FFA(SA)

Course Co-Directors
Kirsten C. Odegard, MD
Janet Valicenti, CRNA

COURSE MANAGER
Amanda Buckley, MBA
FACULTY
BOSTON CHILDREN’S HOSPITAL AND HARVARD MEDICAL SCHOOL

DEPARTMENT OF ANESTHESIOLOGY, CRITICAL CARE AND PAIN MEDICINE
Walid Alrayashi, MD
Douglas B. Atkinson, MD
Nelson Aquino, CRNA, MS
Julianne Bacsik, MD
David H. Bartels, MD
Karen L. Boretsky, MD
Morgan L. Brown, MD, PhD
Robert M. Brustowicz, MD
Linda A. Bulich, MD
Carolyn G. Butler, MD
Sabeena K. Chacko, MD
Kristine A. Church, CRNA, MSN
Joseph P. Cravero, MD
Alyson W. Crest, CRNA
Dima G. Daaboul, MD
Jennifer L. Dearden, MD
James A. DiNardo, MD
Laura DiStefano, CRNA, MS
Chinyere Egbuta, MD
Susan E. Eklund, MD
Faye M. Evans, MD
Lee P. Ferguson, MD
Lynne R. Ferrari, MD
Kristen P. Flight, MD
Carine Foz, MD
Kristin V. Gemmill, CRNA
Alon Geva, MD, MPH
Andrea Gomez Morad, MD
Susan M. Goobie, MD, FRCPC
Christine D. Greco, MD
Sarah M.Z. Hewitt, CRNA
Paul R. Hickey, MD
Robert S. Holzman, MD, MA
Jared C. Fitzgerald, MD
Lauren U. Madoff, MD
Christine L. Matthews, CRNA
Mary Ellen McCann, MD, MPH
Nilesh Mehta, MD
Petra M. Meier, MD
Carlos J. Munoz, MD
Viviane G. Nasr, MD
Kirsten C. Odegard, MD
Raymond S. Park, MD
Anne Peeke, CRNA
Sirirat Rattanaarap, MD
Bobbie Riley, MD, FAAP
Skye Rykerson, CRNA
M. Leona Sayson, CRNA, MS
Rebecca Scholl, MD
Anne Y. Schure, MD
Navil F. Sethna, MBChB
Patcharee Sriswasdi, MD
Mary Lyn Stein, MD
Cynthia S. Tung, MD, MPH
Janet V. Valicenti, CRNA
Bistra G. Vlassakova, MD, FAAP
John C. Welch, CRNA, MS
Katherine L. Zaleski, MD
1 Division of Critical Care Medicine

BOSTON CHILDREN’S HOSPITAL AND HARVARD MEDICAL SCHOOL
Michael S.D. Agus, MD, FAAP
Associate Professor in Pediatrics
Division Chief, Medicine Critical Care
Endowed Chair in Critical Care and Intermediate Care Program
Co-Medical Director, Biocontainment Unit
David W. Brown, MD
Associate Professor of Pediatrics
Associate in Cardiology
Director, Pediatric Cardiology Fellowship
Medical Director, MICU and Intermediate Care Program
Co-Medical Director, Biocontainment Unit
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Medical Director, MICU and Intermediate Care Program
Co-Medical Director, Biocontainment Unit

BOSTON CHILDREN’S HOSPITAL AND HARVARD MEDICAL SCHOOL

Thomas G. Guthel, MD
Professor of Psychiatry
Beth Israel-Deaconess Medical Center
Co-Founder, Program in Psychiatry and the Law, Mass. Mental Health Center

James T. Hilliard, JD
Assistant Clinical Professor of Psychiatry
(legal Medicine)
Department of Psychiatry
Harvard Medical School

Vilma E. Ortiz, MD
Assistant Professor of Anesthesia
Massachusetts General Hospital

Luke Sato, MD
Assistant Clinical Professor of Medicine
Senior Vice President & Chief Medical Officer, CRICO

NATIONAL FACULTY
Tarun Bhalla, MD, MBA, FAAP
Chair, Department of Anesthesiology and Pain Medicine
Akon Children’s Hospital

Thomas Burch, MD
Associate Professor of Anesthesiology
Tufts Medical Center

Thomas Caruso, MD, Med
Associate Professor of Anesthesiology
Stanford University

Kathleen Chen, MD, MS
Assistant Professor of Anesthesiology
Weill Cornell Medical College

Karen B. Domino, MD, MPH
Professor/Vice Chair for Clinical Research
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Ali Hassanpour, MD
Assistant Professor of Anesthesiology
Baylor College of Medicine

David E. Liston, MD, MPH
Assistant Professor of Anesthesiology
Seattle Children’s Hospital

Ty Muhly, MD
Assistant Professor of Anesthesiology
Children’s Hospital of Philadelphia

Sam Nia, MD
Assistant Professor of Anesthesiology
UMass Memorial Medical Center
WHO SHOULD ATTEND?
Anesthesiologists, Intensivists, Certified Registered Nurse Anesthetists, Student Nurse Anesthetists, Residents, Fellows, Pediatric Nurses, and other health care workers who take care of pediatric patients in the perioperative setting.

COURSE DESCRIPTION
Pediatric anesthesia and critical care continues to present challenges to anesthesiologists, nurse anesthetists and critical care physicians. Improved survival of children with congenital anomalies has resulted in an ever increasing population of pediatric patients with complex surgical and medical conditions. This course provides a comprehensive, up-to-date and current research review of the most important changes and advances relevant to the practice of pediatric anesthesia and critical care. The program includes a variety of evidence-based lectures with question and answer sessions, hands-on workshops in difficult airway management, point-of-care ultrasound, regional anesthesia and acupuncture. Our mission is to provide information, strategies, and skills for improving care and outcomes for pediatric patients in the operating room, outfield and the intensive care unit.

LEARNING OBJECTIVES
At the conclusion of this course, the participants will be able to:
• Develop perioperative management strategies for pediatric patients with complex congenital heart disease, with a greater appreciation of the family perspective and how cardiologists manage these patients.
• Discuss the management of massive hemorrhage in children and be better equipped to assist with development of a massive hemorrhage protocol in their own institutions.
• Identify the benefits and risks of using electronic devices in the operating room.
• Develop risk management strategies by learning the recently analyzed pediatric data of the American Society of Anesthesiologist’s Closed Claims Project, best practices to avoid a lawsuit, how to deal better with a deposition, and the “hot spots” in anesthesia risk.
• Recognize why patients anesthetized in non-operating room environments are at increased risk and how to develop safer management strategies.
• Describe the risks and provide safer anesthetic practice for the obese adolescent, particularly as this population is increasing.
• Determine treatment options to effectively manage pain and determine when and how to use regional blocks in pediatric patients.
• Identify the evidence for use of medical marijuana and the perioperative management of patients taking marijuana.
• Recognize pain transmission and processing in neonates and the implications for perioperative management.
• Identify safe techniques to obtain peripheral and central vascular access with the use of ultrasound in the pediatric patient.
• Evaluate children with a difficult airway.
• Classify updates in the management of pediatric trauma, sepsis, sedation and delirium, and the latest clinical trials in pediatric critical care.
THURSDAY, MAY 9, 2019

2:00-7:00pm  
**Pre-Conference Offering**

**Optional Workshop: Point-of-Care Ultrasound**

**Workshop Director:** David Kantor, MD, PhD

**Faculty:** Walid Alrayashi, MD, Karen Boretsky, MD, Thomas Burch, MD, Pete G. Kovatsis, MD, Andrea Gomez Morad, MD

Point-of-care ultrasound is an increasingly valuable tool in the perioperative management of pediatric patients. At the conclusion of this workshop, participants will be familiar with the basic concepts of the ultrasound technique, basic physics, and the use of appropriate transducers. Participants will gain knowledge in the use of ultrasound to evaluate ventricular function and volume status. Participants will also gain practical skills in using ultrasound to evaluate endotracheal intubation and the presence of a full stomach. In addition, participants will learn how to evaluate for the presence of pneumothorax and pleural effusion.

**Learning Objectives:**

1. Describe the basic concept of the ultrasound technique, basic physics, and the selection of appropriate transducers.
2. Recognize how to use ultrasound to evaluate ventricular function and filling.
3. Identify how ultrasound can be used to assess for a pneumothorax, endotracheal intubation and a full stomach.

FRIDAY, MAY 10, 2019

6:45-7:45am  
**Breakfast/Registration or Optional Breakfast Breakout Panels**  
*Limited to 15; Pre-registration and fee required. Interactive round table discussions.*

**Term and Preterm Newborns: Anesthetic Considerations Session A**

Linda Bulich, MD, Cathie Jones, MD

**Mediastinal Mass: Challenges and Management**

Lynne Ferrari, MD

**Malignant Hyperthermia (MH), Myopathies and Mitochondrial Disorders: Anesthesia Implications**

Julianne Bacsik, MD, Leona Sayson, CRNA, MS

**Sugammadex: Current Status in Pediatric Anesthesia**

Cynthia Tung, MD, MPH, Nelson Aquino, CRNA, MS

8:00-8:15am  
**Welcome Address**

Anesthesiologist-in-Chief at Boston Children’s Hospital: Paul R. Hickey, MD

**Complex Congenital Heart Disease: Parent, Cardiologist and Anesthesiologist Perspectives (Moderator: Kirsten Odegard, MD)**

8:15-8:35am  
**Parental Perspective**

Casey Bolton (mother of Parker Bolton)

8:35-9:15am  
**Management of Children with Congenital Heart Disease: Cardiology Perspective**

David Brown, MD

9:15-9:45am  
**Anesthesia for Non-Cardiac Procedures: Anesthesiology Perspective**

Annette Schure, MD

9:45-10:15am  
**Question & Answer Panel Discussion**
FRIDAY, MAY 10, 2019 (CONTINUED)

10:15-10:45am  Morning Break with Exhibitors

Anesthesia Challenges in the 21st Century (Moderator: Lynne Ferrari, MD)

10:45-11:10am  Devices and Apps: Friend? Enemy? Frenemy?
Robert Holzman, MD, MA (Hon), FAAP

Susan Goobie, MD, FRCPC

11:35-12:00pm  Considerations for Surgery with Gender Diverse Patients
Oren Ganor, MD

12:00-12:25pm  The Pediatric Brain and Anesthesia: Moving Beyond Neurotoxicity
Mary Ellen McCann, MD, MPH

12:25-12:55pm  Question & Answer Panel Discussion

12:55-1:15pm  Break with Exhibitors (Grab a Lunch)

1:15-2:15pm  Lunch and Learn Session: Safety Lessons from Pediatric Anesthesia Malpractice Claims
Keynote Speaker: Karen B. Domino, MD, MPH
Included in general tuition and lunch provided.

2:15-2:30pm  Afternoon Wellness Break with Exhibitors

Medicolegal 101 (Moderator: Barry Kussman, MBBCh, FFA(SA))

2:30-3:00pm  How to Avoid a Lawsuit
James T. Hilliard, JD

3:00-3:30pm  Surviving Your Deposition: Tactics and Tips
Thomas G. Gutheil, MD

3:30-4:00pm  Provider Resilience and Malpractice
Luke Sato, MD

4:00-4:30pm  Question & Answer Panel Discussion

4:45-7:00pm  COMPLIMENTARY COCKTAIL RECEPTION WITH POSTERS
Opportunity to network with colleagues and faculty.
Prize will be awarded for best poster abstract.

6:00-8:00 pm  Optional Workshop (Fee Required)

Mini Workshop: Ultrasound-Guided Vascular Access
Workshop Director: Walid Alrayashi, MD
Faculty: Andrea Gomez Morad, MD, David Kantor, MD, PhD, Stephen Kelleher, MD, Viviane Nasr, MD

At the conclusion of this workshop participants will be familiar with the basic concept of the ultrasound technique, settings optimization, ultrasound anatomy, and the technique of ultrasound-guided cannulation. A 30 minute lecture will be targeted at those with minimal ultrasound experience while the majority of the workshop will allow hands on training identifying landmarks and targets on live pediatric models and practice cannulation on synthetic simulators.
SATURDAY, MAY 11, 2019

6:45-7:45am  Optional Breakfast Breakout Panels
Limited to 15; Pre-registration and fee required. Interactive round table discussions.
Preoperative Evaluation of the Pediatric Cardiac Patient
Kirsten Odegard, MD, Viviane Nasr, MD
Updates in Pediatric Fluid Management
Charles Cote, MD
Updates in Pediatric Fluid Management
Lee Ferguson, MBChB, MRCP(UK), FRCA, Rebecca Scholl, MD
Term and Preterm Newborns: Anesthetic Considerations: Session B
Bistra Vlassakova, MD, Janet Valicenti, CRNA

What’s New in Critical Care?  (Moderator: Nilesh Mehta, MD)
8:00-8:25am  Surgical Critical Care: Pediatric Trauma
Jill Zalieckas, MD, MPH
8:25-8:50am  Update on Clinical Trials in Pediatric Critical Care
Alon Geva, MD, MPH
8:50-9:15am  Sepsis: Early Recognition and Management
Michael Agus, MD
9:15-9:40am  Sedation and Delirium in the Pediatric ICU
Kate Madden, MD, MMSc
9:40-9:55am  Question & Answer Panel Discussion
9:55-10:15am  Morning Break with Exhibitors

Clinical Pearls in Pediatric Anesthesia  (Moderator: Janet Valicenti, CRNA)
10:15-10:40am  Anesthetic Considerations for the Adolescent
Undergoing Weight-Loss Surgery
Vilma Ortiz, MD
10:40-11:05am  Outfield Anesthesia: A Galaxy Far Far Away?
Mary Landrigan-Ossar, MD, PhD, FAAP
11:05-11:30am  Why are Babies Different?
Charles Cote, MD
11:30-11:55am  Continuous Intraoperative Bronchoscopy: The Inside Eyes
of the Surgeon During Tracheopexy Repair
Carlos Munoz, MD
11:55-12:15pm  Question & Answer Panel Discussion
SUNDAY, MAY 12, 2019

1:15-1:30pm  
**Lunch On Your Own or Optional Lunch Session**  
(Pre-Registration and Fee Required)

**PBLD Round Table Discussion:**  
Help! I Have a Cardiac Patient on My List  
Annette Schure, MD

**PBLD Round Table Discussion:**  
Challenging Pediatric Patients  
Carlos Munoz, MD, Skye Rykerson, CRNA

### Cardiac Challenges (Moderator: Juan Ibla, MD)

1:15-1:40pm  
**Fontan Circulation and Hip Surgery**  
Katherine Zaleski, MD

1:40-2:05pm  
**Cardiovascular Issues in Patients with Down Syndrome: A Lifetime of Challenges**  
Morgan Brown, MD, PhD

2:05-2:30pm  
**The Child with a Failing Heart**  
Dima Daaboul, MD

2:30-2:55pm  
**Sedation and Anesthesia for Cardiac Catheterization**  
Annette Schure, MD

2:55-3:10pm  
Question & Answer Panel Discussion

3:10-3:25pm  
Afternoon Break with Exhibitors

### Pediatric Airway Hands-on Workshop and Lectures

3:25-7:00pm The airway workshop and lectures are included in the cost of tuition. In order to ensure an optimal experience, participants will be broken into two groups. Each group will spend time in the hands-on workshop and the didactic sessions.

**Airway Lectures (Moderator: Bistra Vlassakova, MD)**

**What’s New in Pediatric Airway Management?**  
Raymond Park, MD

**Airway Management and Challenging Pathophysiology**  
Douglas Atkinson, MD

**Pediatric Difficult Airway Cases**  
Mary Lyn Stein, MD

### Pediatric Airway Hands-On Workshop

Co-Directors: Stephen Kelleher, MD, Alyson Crest, CRNA, Kristin Gemmill, CRNA

### Pediatric Airway Hands-On Workshop Faculty:

David Bartels, MD, Mark Blazey, CRNA, Carolyn Butler, MD, Kathleen Chen, MD, MS, Kristine Church, CRNA, Alyson Crest, CRNA, Jennifer Dearden, MD, Laura DiStefano, CRNA, Chinyere Egbuta, MD, Jaida Fitzgerald, MD, Kristen Flight, MD, Kristin Gemmill, CRNA, Sarah Hewitt, CRNA, Stephen Kelleher, MD, Lauren Madoff, MD, Christine Matthews, CRNA, Carlos Munoz, MD, Anne Peeke, CRNA, Sirirat Rattanaarpa, MD, Skye Rykerson, CRNA, Patcharee Sriswasdi, MD
SUNDAY, MAY 12, 2019

6:45-7:45am   Optional Breakfast Breakout Panels
Limited to 15; Pre-registration and fee required. Interactive round table discussions.

Management of Difficult Problems: Acute and Chronic Pediatric Pain
Navil Sethna, MBChB

Neuromonitoring in the OR: Spinal and Near-Infrared Spectroscopy
Sabeena Chacko, MD, Katherine Zaleski, MD

Strategies for Drug Error Prevention
Robert Brustowicz, MD, John Welch, CRNA, MSN

Best Articles of the Year (Moderator: Petra M. Meier, MD)
8:00-8:25am    Pediatric Anesthesia
Joseph Cravero, MD

8:25-8:50am    Journal of Pediatric Surgery
Tom Jaksic, MD, PhD

8:50-9:15am    Anesthesia and Analgesia
James DiNardo, MD

9:15-9:30am    Question & Answer Panel Discussion

9:30-10:00am   Morning Break

Current Issues in Acute and Chronic Pediatric Pain Management
(Moderator: Bobbie Riley, MD, FAAP)
10:00-10:25am  Perioperative Management of the Chronic Pain Patient
Navil Sethna, MBChB

10:25-10:50am  Updates in Regional Anesthesia
Anjali Koka, MD

10:50-11:15am  Pain Processing in Early Infancy: Physiology and Anesthetic Implications
Laura Cornelissens, PhD

11:15-11:40am  Medical Marijuana: Evidence for its Use and Perioperative Management of the Patient Taking Marijuana
Christine Greco, MD

11:40-12:00pm  Question & Answer Panel Discussion
Optional Lunch Workshop Offerings *(Pre-registration and fee required.)*

12:15-1:30pm

**Acupuncture Workshop**
*(Pre-registration and Fee Required; Lunch Included)*

**Workshop Directors:** Yuan Chi-Lin, MD, MPH and Cynthia Tung, MD, MPH

The National Institutes of Health suggests that the use of acupuncture results in satisfactory treatment for nausea/vomiting, post-surgery pain, addiction, stroke rehabilitation, headache, menstrual cramps, tennis elbow, fibromyalgia, myofascial pain, osteoarthritis, low back pain, carpal tunnel syndrome and asthma. Acupuncture can be integrated into pediatric perioperative care and pain practice. Attendees of this workshop will attend a brief didactic lecture and will go through acupuncture teaching modules. Ample time will allow attendees to participate in hands-on demonstration of acupuncture and related techniques.

**Learning Objectives:**

1. Describe the history and theory of acupuncture
2. Recognize scientific evidence of acupuncture practice
3. Describe acupuncture meridian and micro-system paradigms
4. Incorporate acupuncture in pediatric peri-operative anesthesia care and pain medicine

12:15-4:15pm

**Pediatric Regional Anesthesia Workshop**

**Workshop Director:** Andrea Gomez Morad, MD

**Workshop Co-Director:** Walid Alrayashi, MD

**Faculty:** Walid Alrayashi, MD, Tarun Bhalla, MD, MBA, FAAP, Thomas Caruso, MD, MEd, Franklin Chiao, MD, Susan Eklund, MD, Faye Evans, MD, Carine Foz, MD, Ali Hassanpour, MD, Anjali Koka, MD, David Liston, MD, MPH, Ty Muhly, MD, Sam Nia, MD

Learning ultrasound techniques and acquiring skills about common and new nerve blocks for pediatric patients in the Enhanced Recovery After Surgery (ERAS) era.

Appropriate pain control in the perioperative period is of the utmost importance in the pediatric population. Regional anesthesia is an important component of the current multimodal approach to perioperative pain management. ERAS (Enhanced Recovery After Surgery) guidelines emphasize the importance of adequate pain management and early mobilization of the patient and encourages opioid sparing techniques. Currently, the best opioid sparing technique available to pediatric anesthesiologists are neuraxial and peripheral nerve blocks.
Although more research is necessary, we consider that regional anesthesia techniques offer many advantages in the perioperative period. Regional anesthesia decreases the amount of general anesthetic, provides pain relief, and decreases the utilization of opioids with their side effects, facilitating early mobilization and early oral intake, potentially helping to decrease hospital length of stay and costs.

Many regional anesthesia techniques have been developed in the last decade thanks to the current use of ultrasound. Ultrasound has increased the success and safety of regional anesthesia techniques. This workshop is designed for anesthesiologists with basic knowledge of ultrasound who want to learn more about peripheral nerve blocks commonly used in pediatric patients and acquire knowledge of newly developed blocks and their application in the pediatric population.

**Learning Objectives**

1. Acquire knowledge and understanding of the basic anatomic and ultrasound principles for image acquisition and optimization while practicing on pediatric models.

2. Review the important anatomic landmarks and sonoanatomy required to perform common, advanced and novel blocks in children (including paravertebral (PV), Pectoralis (PECs), Erector Spinae (ESP), Lumbar Plexus (LP), Fascia Iliaca (FI), and Quadratus Lumborum (QL).

3. Recognize the indications, contraindications and possible complications of common and newly developed blocks in pediatric patients.

4. Discuss the technical recommendations for the successful placement of nerve blocks (tips and tricks about patient position, transducer manipulation and movements, needle alignment).

5. Compare different clinical models of pediatric regional anesthesia programs from experts in the top programs in the country.

**Optional Offering:**

**Pediatric Maintenance of Certification (MOCA®) Simulation Training**

**Thursday, May 9 or Sunday, May 12, 2019**

For those interested in participating in the MOCA® simulation training, please visit: www.SimPeds.org for further details on registration fees and course information.

HMS agrees to provide the following discount conference rate for physicians attending the “Principles of Pediatric Anesthesia and Critical Care” course.

- Physicians registered for two full days of the Principles of Pediatric Anesthesia and Critical Care: $495.00 USD plus MOCA® fee
- Physicians registered for three full days of the Principles of Pediatric Anesthesia and Critical Care: $650.00 USD plus MOCA® fee

Register through Harvard Medical School for the conference and contact Rachel Chenard (anesthesiadepartment@childrens.harvard.edu) at Boston Children’s Hospital for MOCA® course registration.
REGISTRATION INFORMATION
To register or view activity information online, please visit: www.PediatricAnesthesiaConference.com. If you wish to register for only two days of the conference, please select the “two-day” option and please specify the days that you would like to attend.

Group Discount available for four or more attendees from the same hospital/institution: $100 discount per attendee. Only one discount offer per person. For more information please reach out to: Amanda.Buckley@childrens.harvard.edu

COURSE TUITION REFUND POLICY
Refunds, less an administrative fee of $75, will be issued for all cancellations received two weeks prior to the start of the course. 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.

MOCA® CANCELLATION POLICY
A $200 processing fee will be charged for all cancellations. A 50% cancellation fee will be applied to cancellations within 4 weeks of the course.

DISCLOSURE POLICY
Harvard Medical School (HMS) adheres to all ACCME Accreditation Criteria 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 LOCATION
All sessions for this course will be held at The Fairmont Copley Plaza, 138 St. James Avenue, Boston, MA 02116.

ACCOMMODATIONS
Considering that it is peak season in Boston during this time period, hotel rooms are limited. You are urged to make your reservations early. A limited number of rooms have been reserved at The Fairmont Copley until April 15, 2019. Please specify that you are enrolled in this course to receive the reduced room rates of $359 (Moderate and Fairmont Rooms) and $389 per night (Deluxe Rooms). You may make reservations directly on the conference website.

ABSTRACT SUBMISSION DEADLINE: FEBRUARY 15, 2019
ACCREDITATION

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

The Harvard Medical School designates this live activity for a maximum of 35.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Royal College of Physicians and Surgeons of Canada recognizes conferences and workshops held outside of Canada that are developed by a university, academy, hospital, specialty society or college as accredited group learning activities.

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.

This program has been prior approved by the American Association of Nurse Anesthetists for 35 Class A CE credits; Code Number 1036627; Expiration Date 5/12/2019.

This activity meets the criteria of the Massachusetts Board of Registration in Medicine for 7.0 credits of Risk Management Study. This includes 2.0 credits of Opioid Education and Pain Management Training.

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

Please refer to PediatricAnesthesia.com for information on which topics meet credits for Risk Management training and Opioid Education/Pain Management training.

The American Board of Anesthesiology® MOCA®

This activity contributes to the CME requirement for the CME component of the American Board of Anesthesiology’s (ABA) redesigned Maintenance of Certification in Anesthesiology™ program (MOCA®), known as MOCA 2.0®. Please consult the ABA website, www.theABA.org, for a list of all MOCA 2.0 requirements. Maximum of 35 credits.

Nurse Practitioners and Registered Nurses: For the purpose of recertification, the American Academy of Nurse Practitioners Certification Board and American Nurses Credentialing Center accepts AMA PRA Category 1 Credit™ issued by organizations accredited by the ACCME (Accreditation Council for Continuing Medical Education). We would also suggest that learners check with their state licensing board to ensure they accept reciprocity with AMA PRA Category 1 Credit™ for re-licensure.
CALL FOR POSTER ABSTRACTS:
Detailed submission guidelines, abstract submission form, and disclosure form can be found at: www.PediatricAnesthesiaConference.com. Abstracts are blindly reviewed by the abstract committee. Abstract submission deadline is March 15, 2019. Authors will be notified mid-March if their posters have been accepted for display during the May 10th reception.

SRNA SCHOLARSHIP
A scholarship is available to student registered nurse anesthetists who are currently enrolled in an accredited nurse anesthesia program. Criteria for this scholarship and additional information can be found online at www.PediatricAnesthesiaConference.com

BOSTON IS FILLED WITH MANY HISTORICAL AND CULTURAL ACTIVITIES
- Boston Duck Tours | Historical tour of Boston using World War II amphibious DUKW vehicles.
- Boston Symphony Orchestra | One of the country’s five major symphony orchestras.
- Fenway Park | Attend a game or take a tour of the oldest ballpark.
- Ether Dome
  William T.G. Morton made history on October 16, 1846 in Massachusetts General Hospital’s surgical amphitheater, now known as the Ether Dome, when he demonstrated the first public surgery using ether as an anesthetic.
- Harvard Museum of Natural History | The Ware Collection of Blaschka Glass Models of Plants
Principles of Pediatric Anesthesia and Critical Care

COURSE 732645-1902
Early registration is strongly recommended, since attendance will be limited. All prices shown in USD.

Course Tuition and Fees (General tuition includes the Airway Workshop lab fee)

- Physicians: $825.00
- CRNAs: $650.00
- Residents and Fellows in Training: $495.00
- SRNAs: $495.00
- Nurses: $495.00
- Two-Day course fee option: $650.00
- Processing (non-refundable service fee): $10

Optional BREAKFAST Breakout Panels

- Friday, May 10
  - Sugammadex: Current Status in Pediatric Anesthesia: $35.00
  - Mediastinal Mass: Challenges and Management: $35.00
  - Term and Preterm Newborns: Anesthetic Considerations Session A: $35.00
  - Malignant Hyperthermia (MH), Myopathies and Mitochondrial Disorders: Anesthesia Implications: $35.00

- Saturday, May 11
  - Preoperative Evaluation of the Pediatric Cardiac Patient: $35.00
  - Updates in Pediatric Fluid Management: $35.00
  - Term and Preterm Newborns: Anesthetic Considerations Session B: $35.00

Optional LUNCH Breakout Panels

- Saturday, May 11
  - PBLD Round Table Discussion: Help! I Have a Cardiac Patient on My List: $60.00
  - PBLD Round Table Discussion: Challenging Pediatric Cases: $60.00

Optional Workshops:

- Thursday, May 9, 2:00-7:00pm
  - Point-of-Care Ultrasound: $275.00
- Friday, May 10, 6:00-8:00pm
  - Ultrasound-Guided Vascular Access: $175.00
- Sunday, May 12, 12:15-1:30pm
  - Acupuncture (Lunch included): $65.00

Other:

- Syllabus (Hard copy): $30.00
- A digital copy will be available at the meeting

Group Discount: for four or more attendees from the same hospital/institution: $100 discount per attendee. Only one discount offer per person.

MOCA® Pairing: Discounted Conference Rate

- Three days of the conference for physicians registered for MOCA® on (5/9): $650.00 plus MOCA® fee
- Two days of the conference for physicians registered for MOCA® on (5/12): $495.00 plus MOCA® fee

Contact
AnesthesiaDepartment@childrens.harvard.edu for separate MOCA® registration.

MOCA® Course Fee: $1,700. Group discounts are available.
PRINCIPLES OF PEDIATRIC ANESTHESIA AND CRITICAL CARE
The Fairmont Copley Plaza Boston, MA
May 10-12, 2019

REGISTER ONLINE AT: www.PediatricAnesthesiaConference.com

ABSTRACT SUBMISSION DEADLINE: MARCH 15, 2019

WORKSHOPS:
PRE-CONFERENCE WORKSHOP: POINT-OF-CARE ULTRASOUND
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