



**HARVARD**  
MEDICAL SCHOOL



**Boston  
Children's  
Hospital**

Until every child is well™



# PRINCIPLES OF PEDIATRIC ANESTHESIA AND CRITICAL CARE

COURSE DIRECTORS:

Kirsten Odegard, MD  
Mary Ellen McCann, MD  
Janet Valicenti, CRNA  
Bistra Vlassakova, MD

The Fairmont Copley Plaza  
Boston, MA  
May 8-10, 2015

**Poster Abstract Deadline: February 1, 2015**  
[www.PediatricAnesthesiaConference.com](http://www.PediatricAnesthesiaConference.com)

**GUEST SPEAKERS:**  
**PETER DAVIS, MD AND CHARLES COTE, MD**

**FEATURING: PEDIATRIC AIRWAY AND INTRO TO REGIONAL  
ANESTHESIA WORKSHOPS (INCLUDED IN GENERAL TUITION PRICE)**

**TEE WORKSHOP**  
**MOCA® SIMULATION COURSE**

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Category 1 Credits™

This program has been approved by  
the American Association of Nurse  
Anesthetists for 26 CE credits.  
Code Number 1030212; Expiration  
Date 05/10/2015.



## **COURSE DIRECTOR**



Kirsten Odegard, MD

## **COURSE CO-DIRECTORS**



Mary Ellen McCann, MD, MPH



Janet Valicenti, CRNA



Bistra Vlassakova, MD

## **GUEST SPEAKERS**



Emery N. Brown, MD, PhD  
(left). Charles J. Cote, MD  
(right)



Peter J. Davis, MD

## **COURSE COORDINATOR**



Amanda Buckley, BA

# **WELCOME TO PRINCIPLES OF PEDIATRIC ANESTHESIA AND CRITICAL CARE!**

Welcome to the Principles of Pediatric Anesthesia and Critical Care conference offered by the Department of Anesthesiology, Perioperative and Pain Medicine at Boston Children's Hospital and Harvard Medical School. The field of pediatric anesthesia is a dynamic evolving specialty and we are pleased to offer you an exciting, cutting edge pediatric anesthesia conference focusing on pediatric anesthesia research, hot topics and challenges, risk management techniques and interactive workshops. Our keynote speaker this year is Professor Peter Davis, MD, Anesthesiologist in Chief at Children's Hospital of Pittsburgh, who will talk about myths and challenges of pediatric anesthesia during a special complimentary luncheon for attendees on Friday. A special session on How to Prevent Mistakes and How to Learn from Medical Errors, will be offered in the afternoon, followed by a complimentary wine reception where attendees can meet our faculty and network.

In addition to our distinguished Boston Children's Hospital faculty, we are honored to have Professors Charles Cote and Emery Brown from Massachusetts General Hospital join us this year. Dr. Cote will discuss anesthesia safety and Dr. Brown will discuss general anesthetic effects on the brain.

We also have interactive optional breakfast and lunch breakout panels offered each day. These informal sessions are staffed by our faculty and designed to facilitate a two way learning process between attendees and faculty. Our hands-on workshops include Pediatric Airway and Regional Block and Pain Treatment workshops which are complimentary. An optional TEE Workshop for Non Cardiac Pediatric Anesthesia is new this year. This workshop is designed to be interactive and participants will have the opportunity to learn how to obtain basic TEE views and personally perform an exam using the heartworks simulator. Registrants also have the option to pair two 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. This pediatric MOCA® course is available for up to five participants and those that combine both courses are entitled to a reduced tuition rate.

Participants are encouraged to share their research and experience in an abstract format. Posters will be presented during the complimentary wine reception on Friday evening.

Our objective for the conference is to learn about 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 have a valuable experience.

Course Director  
Kirsten Odegard, MD

Course Co-Directors:  
Mary Ellen McCann, MD  
Janet Valicenti, CRNA  
Bistra Vlassakova, MD

## FACULTY

# BOSTON CHILDREN'S HOSPITAL AND HARVARD MEDICAL SCHOOL

John H. Arnold, MD  
Julianne Bacsik, MD  
Lisa Bagley, CRNA  
Charles B. Berde, MD, PhD  
Mark Blazey, CRNA  
Richard H. Blum, MD  
Karen L. Boretsky, MD  
Emery N. Brown, MD, PhD<sup>1</sup>  
Morgan L. Brown, MD  
Robert M. Brustowicz, MD  
Thomas M. Burch, MD  
Sabeena K. Chacko, MD  
Kristine Church, CRNA  
Shelby L. Cody, MD  
Charles J. Cote, MD<sup>1</sup>  
Joseph P. Cravero, MD  
Peter J. Davis, MD<sup>2</sup>  
Jennifer L. Dearden, MD  
James A. DiNardo, MD  
Elizabeth C. Eastburn, DO  
Chinyere Egbuta, MD  
Faye E. Evans, MD  
Lynne R. Ferrari, MD  
Daniel Furlong, CRNA  
Susan M. Goobie, MD  
Christine D. Greco, MD  
Jonathan D. Griswold, MD  
Paul R. Hickey, MD  
Juan C. Ibla, MD  
Matthew A. Jolley, MD  
Cathie T. Jones, MD  
Monica E. Kleinman, MD  
Mary F. Landrigan-Ossar, MD  
Yuan-Chi Lin, MD  
Thomas J. Mancuso, MD

Kai Matthes, MD, PhD  
Mary Ellen McCann, MD, MPH  
Craig D. McClain, MD, MPH  
Petra M. Meier, MD  
Elaine C. Meyer, PhD, RN<sup>3</sup>  
Arielle Mizrahi-Arnaud, MD  
Carlos Munoz, MD  
Charles D. Nargoizian, MD  
Mark. Neuman, MD<sup>4</sup>  
Kirsten Odegard, MD  
Raymond S. Park, MD  
James M. Peyton, MD  
Kate Potter, CRNA  
Sharon L. Redd, MD  
Ann Marie Rich, CRNA  
Mark A. Rockoff, MD  
Annette Y. Schure, MD  
Navil F. Sethna, MBChB  
Sulpicio G. Soriano, MD  
J. William Sparks, MD  
Cornelius A. Sullivan, MD  
Cynthia S. Tung, MD  
Lauren R. Kelly Ugarte, MD  
Janet W. Valicenti, CRNA  
Meredith G. van der Velden, MD  
Amy E. Vinson, MD  
Bistra G. Vlassakova, MD  
Daniel Vo, MD  
David B. Waisel, MD  
Jue T. Wang, MD  
Peter H. Weinstock, MD, PhD  
John Welch, CRNA, MS  
Thomas Weismueller, MD  
Koichi Yuki, MD

<sup>1</sup> Massachusetts General Hospital, Boston, MA

<sup>2</sup> Children's Hospital of Pittsburgh, Pittsburgh, PA

<sup>3</sup> Department of Psychiatry, Boston Children's Hospital

<sup>4</sup> Department of Emergency Medicine, Boston Children's Hospital



## WHO SHOULD ATTEND?

Anesthesiologists, Intensivists, Certified Registered Nurse Anesthetists, Student Nurse Anesthetists, Residents, Fellows, Pediatric Nurses, and other health care workers that take care of pediatric patients in the perioperative setting.



## COURSE DESCRIPTION

The recent growth and sub-specialization of pediatric anesthesia has identified specific areas that are unique when compared to the general practice of anesthesia. 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, regional anesthesia and introduction to basic transesophageal ECHO management. Our aim is to provide new information and skills that will impact and improve safety and quality in the pediatric operating room and the intensive care unit.



## LEARNING OBJECTIVES

At the conclusion of this course, the participants will be able to:

- Evaluate neurotoxicity and anesthetic effects on neurocognition
- Develop treatment strategies for pediatric patients with medical problems including asthma, mitochondrial, neuromuscular, and cardiac disease
- State the physiologic consequences and subsequent anesthetic management of tonsillectomy
- Develop multidisciplinary approaches to sedation and chronic pain management
- Implement strategies to manage patients with pulmonary hypertension
- Integrate updated guidelines in PACU problems and discharge criteria
- Incorporate updates from the PALS algorithm
- Understand how pediatric simulation training can improve preparedness and outcomes
- Adopt new lung protective ventilation strategies
- Learn how to prevent mistakes and learn from medical errors with emphasis on apology and disclosures
- Enhance skills in managing difficult pediatric airway

# PROGRAM SCHEDULE

## FRIDAY, MAY 8, 2015



6:30-8:00am *Registration and Breakfast*

6:45-7:45am **Optional Breakfast Breakout Panels**

*Limited to 15; Pre-registration and fee required. Interactive round table discussions.*

Surgical Home: Lynne Ferrari, MD

Neurotoxicity: Sulpicio Soriano, MD and Mary Ellen McCann, MD, MPH

How to Write the Perfect Paper: Peter Davis, MD

8:00-8:15am **WELCOME**

Paul R. Hickey, MD

### SECTION I

#### **Pearls of Pediatric Anesthesia (Moderator: Mark Rockoff, MD)**

8:15-8:40am Management Strategies for Children with Congenital Heart Disease  
Annette Schure, MD

8:40-9:05am Anesthetic Effects on Neurocognition  
Mary Ellen McCann, MD, MPH

9:05-9:30am Road Trip for ICU Patients  
Mary Landrigan-Ossar, MD

9:30-9:45am Questions and Answers

9:45-10:00am Morning Break with Exhibitors

### SECTION II

#### **Making Anesthesia Safe (Moderator: Petra M. Meier, MD)**

10:00-10:30am Death after Tonsillectomy  
Charles Cote, MD

10:30-10:55am Advances in Managing Asthma  
Thomas Mancuso, MD

10:55-11:15am Cleft Lip and Palate Challenges  
Janet Valicenti, CRNA

11:15-11:30am Questions and Answers

11:30-12:45pm **Lunch Lecture with Peter Davis:**  
**5 Common Myths of Pediatric Anesthesia**  
(Included in general tuition and lunch provided)



## FRIDAY, MAY 8, 2015



### SECTION III

#### Perioperative Medicine: The PACU (Moderator: Arielle Mizrahi-Arnaud, MD)

- 12:45-1:05pm Postoperative Agitation  
Joseph Cravero, MD
- 1:05-1:25pm PONV and other PACU problems  
Sharon Redd, MD
- 1:25-1:45pm Discharge Criteria  
Richard Blum, MD
- 1:45-2:00pm Questions and Answers
- 2:00-2:20pm Afternoon Break with Exhibitors

### SECTION IV

#### How to Prevent Mistakes and How to Learn from Medical Errors (Moderator: David Waisel, MD)

- 2:20-3:05pm Special Effects in the Operating Theatre: How next-generation personalized simulation is revolutionizing pediatric training, preparedness and outcomes.  
Peter Weinstock, MD, PhD
- 3:05-3:50pm Apology and Disclosures of Medical Errors  
Elaine Meyer, PhD, RN
- 3:50-4:20pm How to Survive Being Sued  
James DiNardo, MD
- 4:20-4:40pm Who's There For You When Things Go Wrong?  
Mark Blazey, CRNA
- 4:40-5:00pm Questions and Answers
- 5:00-7:30pm *Complimentary Cocktail Reception with Posters. Opportunity to Network with Colleagues and Faculty*
- 6:30-8:30pm Optional Workshop (Fee Required):  
**TEE Workshop for Non Cardiac Pediatric Anesthesia**  
Thomas Burch, MD and Mathew Jolley, MD



## Optional Workshop (Fee Required)

### TEE Workshop for Non Cardiac Pediatric Anesthesia



#### Learning Objectives:

1. Understand the utility, indications, contraindications, and limitations of basic perioperative TEE
2. Recognize and identify the standard TEE views and the structures seen in these views. These can be seen and studied prior to the meeting via a free online simulator:  
[http://pie.med.utoronto.ca/TEE/TEE\\_content/TEE\\_probeManipulation\\_intro.html](http://pie.med.utoronto.ca/TEE/TEE_content/TEE_probeManipulation_intro.html)
3. Perform hands-on simulation (using the heartworks simulator) during the course to learn how to obtain the basic views
4. Learn how to recognize and identify gross cardiac pathology and to grossly assess valvular function, intravascular volume status, pericardial effusions, and systolic ventricular function. This assessment may be helpful in improving care when: "Perioperative hemodynamic instability unresponsive to conventional therapy" is encountered

This session is designed to be very interactive with all participants having the opportunity to learn how to obtain basic TEE views and to personally perform an exam using the heartworks simulator. All participants will be encouraged to interact with the moderators by asking/answering questions and providing feedback.

## SATURDAY, MAY 9, 2015

### 6:45-7:45am **Optional Breakfast Breakout Panels**

*Limited to 15; Pre-registration and fee required. Interactive round table discussions.*

Low Flow Anesthesia: Cornelius Sullivan, MD and Craig McClain, MD

Neonatal Challenges: Thomas Mancuso, MD, Lauren Kelly Ugarte, MD

Pediatric Sedation: Jennifer Dearden, MD and William Sparks, MD

### SECTION I

#### **Critical Care Issues (Moderator: Meredith Giglia van der Velden, MD)**

- |             |   |
|-------------|---|
| 8:00-8:25am | Lessons Learned on the Path to Lung Protective Ventilation<br>John Arnold, MD |
| 8:25-8:50am | What's So Special with the NICU?<br>Amy Vinson, MD                            |
| 8:50-9:15am | Updates in PALS Algorithm<br>Monica Kleinman, MD                              |



## SATURDAY, MAY 9, 2015



- 9:15-9:40am Massive Transfusion Management  
Susan Goobie, MD
- 9:40-10:00am Questions and Answers
- 10:00-10:30am Morning Break

### SECTION II

#### Neurocognitive Issues and Neuromuscular (Moderator: William Sparks, MD)

- 10:30-11:00am How Does General Anesthesia Work on the Brain?  
Emery Brown, MD, PhD
- 11:00-11:20am Mitochondrial Abnormalities  
Julianne Bacsik, MD
- 11:20-11:40am My Child Has Autism  
Bistra Vlassakova, MD
- 11:40-12:00pm Neuromuscular Disease and Cerebral Palsy  
Sabeena Chacko, MD
- 12:00-12:15pm Questions and Answers
- 12:15-1:30pm Lunch On Your Own OR

#### Optional Lunch Breakout Panels

*Limited to 15; Pre-registration and fee required. Lunch provided.*

PBLD Round Table Discussion: Non-cardiac procedures for Cardiac patients (Annette Schure, MD)

Essentials of Retirement Planning (Jonathan Griswold, MD)

### SECTION III

#### Cardiac Challenges: Ask the Experts (Moderator: Kirsten Odegard, MD)

- 1:30-1:55pm Pulmonary Hypertension  
Tommy Burch, MD
- 1:55-2:20pm The Pediatric Transplanted Heart  
Juan Ibla, MD
- 2:20-2:45pm The Danger of Anesthesia in the Cath Lab  
Morgan Brown, MD
- 2:45-3:00pm Questions and Answers
- 3:00-3:15pm Afternoon Break

#### Pediatric Airway Lectures and Hands on Workshops (Moderator: Charles Nargoian, MD)

- 3:15-3:35pm Management of the Difficult Airway  
Raymond Park, MD



- 3:35-3:55pm    Difficult Airway Case Presentations  
James Peyton, MD
- 3:55-6:00pm    Difficult Airway Workshop (Workshop Included in General Tuition)  
"Come and Improve your Skills"  
Airway Workshop Co-Directors:  
Cynthia Tung, MD and Anne Marie Rich, CRNA



#### Difficult Airway Workshop Faculty:

Lisa Bagley, CRNA, Kristine Church, CRNA, Jennifer Dearden, MD,  
Elizabeth Eastburn, DO, Chinyere Egbuta, MD, Daniel Furlong, CRNA,  
Cathie Jones, MD, Thomas J. Mancuso, MD, Carlos Munoz, MD,  
Charles D. Nargozian, MD, Raymond Park, MD, James Peyton, MD,  
Cornelius Sullivan, MD, Daniel Vo, MD, Jue Wang, MD Koichi Yuki, MD

#### Learning Objectives:

1. Understand and recognize various pediatric syndromes and their implications in airway management
2. Understand various methods in managing the difficult pediatric airway
3. Enhance skills in pediatric airway management in a hands-on simulation workshop

## SUNDAY, MAY 10, 2015

#### 6:45-7:45am    **Optional Breakfast Breakout Panels**

*Limited to 15; Pre-registration and fee required. Interactive round table discussions.*

Orthopedics: Spinal Fusion and Neuromonitoring, VEPTL, Rods:

Robert Brustowicz, MD, Kate Potter, CRNA

Acute Pain 101: Charles Berde, MD, Christine Greco, MD

Medical and Anesthesia Education in Low Resource Settings:

John Welch, CRNA, MS, Faye Evans, MD

### SECTION I

#### **Best Articles of the Year (Moderator: Kai Matthes, MD, PhD)**

- 8:00-8:25am    Pediatric Anesthesia  
Sulpicio Soriano, MD
- 8:25-8:50am    Anesthesia and Analgesia  
James DiNardo, MD
- 8:50-9:15am    Pediatrics  
Mark Neuman, MD
- 9:15-9:30am    Questions and Answers
- 9:30-10:00am    Morning Break



## SUNDAY, MAY 10, 2015

### SECTION II



#### **Chronic and Acute Pediatric Pain (Moderator: Navil Sethna, MD)**

- |               |   |
|---------------|---|
| 10:00-10:20am | Substance Abuse and Anesthetic Pain Management<br>Christine Greco, MD   |
| 10:20-10:40am | What's New in Regional Anesthesia?<br>Karen Boretsky, MD  |
| 10:40-11:00am | Prevention of Chronic Pain after Surgery<br>Charles Berde, MD, PhD  |
| 11:00-11:15am | Questions and Answers   |
| 11:15-12:15pm | Introduction to Regional Block and Pain Treatment (Mini Workshop<br>Included in General Tuition)<br>Karen Boretsky, MD<br>Director, Pediatric Regional Anesthesia Program<br>Boston Children's Hospital |

#### **12:30-4:00PM INTENSIVE AND NEWLY IMPROVED REGIONAL BLOCK AND PAIN TREATMENT WORKSHOP**

##### **(Moderator: Karen Boretsky, MD)**

Optional and Fee Required

This workshop will focus on basic ultrasound based regional anesthesia techniques designed for novices and intermediate skill level practitioners who desire to learn more about the blocks provided every day in a busy pediatric practice. Delegates will become familiar with basic principles of ultrasonography and needle maneuvering, applied anatomy, and will scan pediatric models. Colleagues who are more advanced will be grouped together to allow for more rapid progression of topics and more advanced learning.

##### **Learning Objectives:**

1. Acquire basic understanding of ultrasound principles for imaging anatomic structures
2. Understand the anatomy and resultant sonoanatomy necessary to provide common regional blocks in infants and children
3. Scan live pediatric models to practice the skills necessary to visualize nerve blocks used in everyday pediatric practice
4. Understand the application of acupuncture in pediatric patients. Acupuncture, upper extremity, lower extremity, trunk/head and neck areas to be scanned.

## **Regional Block and Pain Treatment Workshop Faculty**

Workshop Faculty: Cornelius Sullivan, MD, Elizabeth Eastburn, MD, Yuan-Chi Lin, MD, David Waisel, MD, Kai Matthes MD, PhD, Thomas Weismueller, MD, Shelby Cody, MD

## **OPTIONAL OFFERING: LIMITED TO FIVE REGISTRANTS. PRE-REGISTRATION AND FEE REQUIRED. SUNDAY, MAY 10, 2015**

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

MOCA® Course Fee: \$1,500 Course fee includes breakfast, coffee breaks, lunch and educational materials.

If you are interested in attending two days of the conference in addition to the MOCA® course, we are offering a discounted tuition rate of \$495. You must register through Harvard Medical School for the conference and contact Matt Callahan at Boston Children's Hospital for MOCA® course registration.

One-day simulation training course in Pediatric Anesthesia Crisis Management in fulfillment of the simulation training requirement for Part IV (Practice Performance Assessment & Improvement) of Maintenance of Certification in Anesthesiology (MOCA®).

Challenging scenarios for the experienced pediatric anesthesiologist as well as the general practitioner. This program takes place directly at the point of clinical care—in the operating rooms and recovery area of Boston Children's Hospital.

For more information and to register for this course please e-mail Matthew Callahan: [matthew.callahan@childrens.harvard.edu](mailto:matthew.callahan@childrens.harvard.edu)

### **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.





## REGISTRATION INFORMATION

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.



## ONLINE INFORMATION

To register or view activity information online, please visit:  
[www.PediatricAnesthesiaConference.com](http://www.PediatricAnesthesiaConference.com)

## 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. 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.

## DISCLOSURE POLICY

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



## COURSE LOCATION

All sessions for this course will be held at the Fairmont Copley Plaza, 138 St. James Avenue, Boston, MA 02116.



## ACCOMMODATIONS

Due to the fact 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 16, 2015:  
[www.PediatricAnesthesiaConference.com](http://www.PediatricAnesthesiaConference.com). Please specify that you are enrolled in this course to receive the reduced room rate of \$307 (Moderate and Fairmont Rooms). A map of Boston listing local hotels will be sent with your confirmation of enrollment. For additional housing assistance, call Boston Reservations at (617) 332-4199.

ACCREDITATION

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

The Harvard Medical School designates this live activity for a maximum of 29.25 *AMA PRA Category 1 Credits*<sup>TM</sup>. 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.

*AMA PRA Category 1 Credits*<sup>TM</sup> claimed by physicians attending live events certified and organized in the United States for *AMA PRA Category 1 Credits*<sup>TM</sup> can be claimed through the agreement on mutual recognition of credits between UEMS and AMA, considered as being equal to the European Continuous Medical Education Credits (ECMEC©) granted by the UEMS. One *AMA PRA Category 1 Credit*<sup>TM</sup> is equivalent to one (1) hour of European EACCME Credit (ECMEC©), therefore up to 29.25 ECMEC© Credits are available. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

This program has been approved by the American Association of Nurse Anesthetists for 26 CE credits. Code Number 1030212; Expiration Date 05/10/2015.

May 8-10, 2015 The following sessions/days in this course meet the requirements for Risk Management Credit as proscribed by the Massachusetts Board of Registration in Medicine and defined in 243 CMR 2.06(5)(d) I. Please check with your individual state licensing board requirements before claiming risk management credit(s). Physicians should only claim credit commensurate with the extent of their participation in the activity:

COURSE HOURS	2015 DATE
8.5	May 8
7	May 9
6.5	May 10

**CALL FOR POSTER ABSTRACTS:**

Detailed submission guidelines, abstract submission form, and disclosure form can be found at: [www.PediatricAnesthesiaConference.com](http://www.PediatricAnesthesiaConference.com). Abstract are blindly reviewed by the abstract committee. The abstract submission deadline is February 1, 2015. Authors will be notified mid-February if their posters have been accepted for display during the May 8th reception.



Principles of Pediatric Anesthesia and Critical Care COURSE # 352645

Physicians . . . . .	\$795.00 USD	<input type="checkbox"/>
Physicians with MOCA. . . . .	\$495 plus MOCA fee	<input type="checkbox"/>
Limited to five registrants (Contact Matthew.Callahan@childrens.harvard.edu) for separate MOCA registration		
Residents and Fellows in Training . . . . .	\$625.00 USD	<input type="checkbox"/>
CRNAs . . . . .	\$625.00 USD	<input type="checkbox"/>
SRNAs . . . . .	\$495.00 USD	<input type="checkbox"/>
Two Day course fee option . . . . .	\$650.00 USD	<input type="checkbox"/>
Optional: TEE Workshop for Non Cardiac Pediatric Anesthesia . . . . .	\$125.00 USD	<input type="checkbox"/>
Optional: Regional Block and Pain Treatment Workshop . . . . .	\$125.00 USD	<input type="checkbox"/>

Optional Breakfast Breakout Panels

Surgical Home. . . . .	\$35.00 USD	<input type="checkbox"/>
Neurotoxicity. . . . .	\$35.00 USD	<input type="checkbox"/>
How to Write the Perfect Paper . . . . .	\$35.00 USD	<input type="checkbox"/>
Low Flow Anesthesia . . . . .	\$35.00 USD	<input type="checkbox"/>
Neonatal Challenges . . . . .	\$35.00 USD	<input type="checkbox"/>
Pediatric Sedation . . . . .	\$35.00 USD	<input type="checkbox"/>
Orthopedics: Spinal Fusion and Neuromonitoring, VEPTRL, Rod . . . . .	\$35.00 USD	<input type="checkbox"/>
Acute Pain 101 . . . . .	\$35.00 USD	<input type="checkbox"/>
Medical and Anesthesia Education in Low Resource Settings . . . . .	\$35.00 USD	<input type="checkbox"/>

Optional Lunch Breakout Panels

PBLD Round Table Discussion: . . . . .		
Cardiac for Noncardiac Patients . . . . .	\$35.00 USD	<input type="checkbox"/>
Essentials of Retirement Planning . . . . .	\$35.00 USD	<input type="checkbox"/>





**PLEASE PRINT CLEARLY – ALL FIELDS REQUIRED**

First Name \_\_\_\_\_ Middle Initial \_\_\_\_\_ Last Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Daytime Phone ( \_\_\_\_\_ ) \_\_\_\_\_ Fax Number ( \_\_\_\_\_ ) \_\_\_\_\_

Please note: Your email address is used for critical information about the course including: registration confirmation, evaluation and certificate. Please be sure to include an email address you check daily or frequently.

E-Mail Address \_\_\_\_\_

☐ Please check if you wish to be excluded from receiving email notices of future Harvard Medical School – Department of Continuing Education programs.

Profession \_\_\_\_\_ Degree \_\_\_\_\_

Primary Specialty (Physician Only) \_\_\_\_\_

Board Certified Yes ☐ No ☐

Professional School Attended (Physician Only) ☐

Harvard Medical School ☐

U.S. Medical School ☐

International ☐

Year of Graduation \_\_\_\_\_

*Please make check payable to Harvard Medical School and mail with registration form to Harvard Medical School, Department of Continuing Education, PO Box 417476, Boston, MA 02241-7476. Telephone or fax registration is not accepted. Registration with cash payment is not permitted.*



**HARVARD**  
MEDICAL SCHOOL



**Boston Children's Hospital** | Anesthesiology, Perioperative  
and Pain Medicine

Until every child is well™

# PRINCIPLES OF PEDIATRIC ANESTHESIA AND CRITICAL CARE

The Fairmont Copley Plaza Boston, MA  
May 8-10, 2015



**REGISTER  
ONLINE AT:**

[www.PediatricAnesthesiaConference.com](http://www.PediatricAnesthesiaConference.com)

**POSTER ABSTRACT  
DEADLINE  
FEBRUARY 1, 2015**

Non Profit Org.  
US Postage  
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Permit No. 1325  
Boston, MA

**COMPLETE YOUR MOCA® SIMULATION REQUIREMENTS**

**SUNDAY, MAY 10, 2015**

**REGISTER NOW: LIMITED ENROLLMENT**

**PEDIATRIC AIRWAY, INTRO TO REGIONAL ANESTHESIA,**

**TEE FOR NON CARDIAC PEDIATRIC ANESTHESIA WORKSHOPS**