



Boston Children's Hospital

Until every child is well™

Division of Emergency Medicine
300 Longwood Avenue, BCH 3066
Boston, MA 02115

**Pediatric
Emergency
Medicine**

**STATE
OF THE
ART**

BOSTON
OCTOBER / 10 & 11 / 2017

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Boston Children's Hospital

Until every child is well™



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MEDICAL SCHOOL

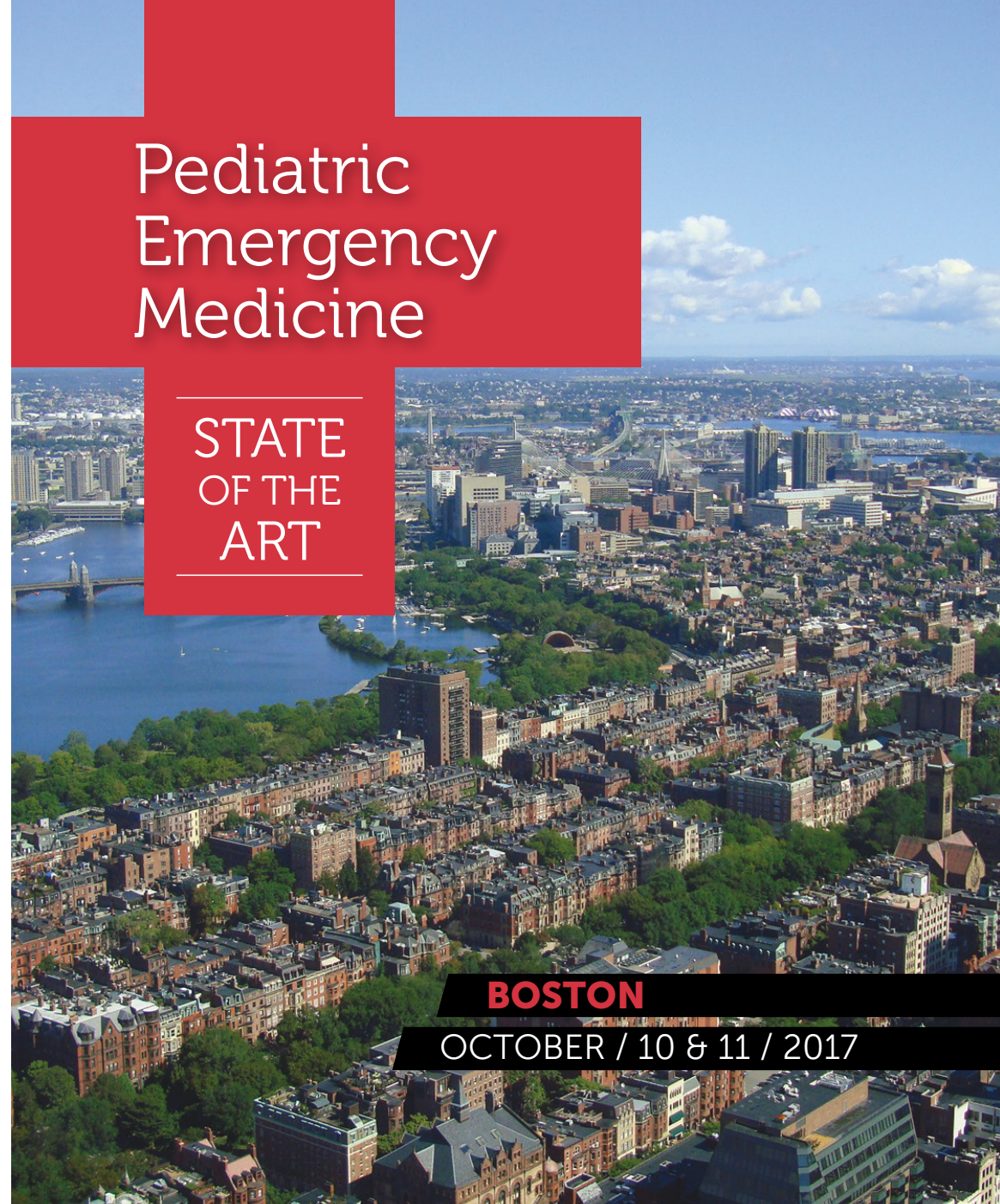
Presented by Boston Children's Hospital
Division of Emergency Medicine

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Pediatric Emergency Medicine STATE OF THE ART

This state of the art course in Pediatric Emergency Medicine, presented by the Boston Children's Hospital Emergency Medicine faculty, aims to engage clinicians practicing pediatric emergency medicine including emergency physicians, acute care pediatricians, and residents and fellows in emergency medicine. Evidence-based, state of the art practice is presented by faculty who have written national guidelines and published widely on their topics. Didactic presentations and small group interactions maximize faculty contact with participants and facilitate specialized discussions and practical skills sessions on important clinical aspects of pediatric emergency medicine.

Learning objectives

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

- Evaluate the current management of pediatric sepsis focusing on early goal-directed therapy, strategies to improve outcomes, and relevant ED quality metrics
- Apply a thoughtful and evidence-based approach to diagnosis and management of surgical emergencies in neonates and infants including the approach to volvulus and intussusception
- Apply reasoned approaches to the diagnosis and management of newborn emergencies including metabolic emergencies and neonatal meningitis
- Practice thoughtful and evidence-guided management approach for acute concussion
- Employ strategies for optimizing analgesia and sedation of children in the ED setting
- Review diagnostic approaches and management strategies for common infectious conditions in children including pharyngitis, pneumonia, otitis media and urinary tract infections.
- Translate current recommendations into diagnostic approaches and management strategies for skin and soft tissue infections in children

- Recognize common pitfalls in diagnostic radiology in pediatric emergency medicine
- Discuss management of common and serious toxicological emergencies
- Demonstrate techniques for performing minor common pediatric procedures
- Apply techniques for performing critical pediatric procedures
- Recognize critically ill and injured children and apply appropriate management strategies including life support guidelines

Target Audience

The course is intended for:

- Pediatric Emergency Physicians
- General Emergency Physicians
- Acute Care Pediatricians

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 15.00 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity meets the criteria of the Massachusetts Board of Registration in Medicine for 10.00 credits of Risk Management Study. This includes 1.00 credit of Opioid Education/Pain Management Training. Please check your individual state licensing board requirements before claiming these credits.

Successful completion of this CME activity, which includes participation in the activity, with individual assessments of the participant and feedback to the participant, enables the participant to earn 10.00 MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABP MOC credit.

Keynote Speaker

Monica Kleinman, MD

Medical Director, Medical/Surgical Intensive Care Unit

Medical Director, Critical Care Transport Program

Senior Associate in Critical Care Medicine

Boston Children's Hospital

Associate Professor of Anaesthesia (Pediatrics), Harvard Medical School

Past-Chair, Emergency Cardiovascular Care Committee, American Heart Association

Course Directors

Andrew Fine, MD, MPH

Joshua Nagler, MD, MHPEd

Faculty

All faculty are subspecialty-trained pediatric emergency physicians and include directors of the following programs: Medical Education, Quality Improvement, Quality Assurance and Compliance, Sedation Service, Network Services, and Ultrasound.

Richard Bachur, MD

Marc Baskin, MD

Theresa Becker, DO

Florence Bourgeois, MD, MPH

Michele Burns, MD, MPH

Robyn Byer, MD

Andrew Capraro, MD

Sarita Chung, MD

Kate Dorney, MD

Karen Dull, MD

Matthew Eisenberg, MD

Karen Farbman, MD, MPH

Caitlin Farrell, MD

Megan Hannon, MD

Joel Hudgins, MD

Baruch Krauss, MD, EdM

Lois Lee, MD, MPH

Jason Levy, MD, RDMS

Joyce Li, MD, MPH

Susan Lipsett, MD

Todd Lyons, MD

Rebekah Mannix, MD, MPH

Kenneth Michelson, MD

Andrew Miller, MD

Kyle Nelson, MD, MPH

Mark Neuman, MD, MPH

Michelle Niescierenko, MD, MPH

Lise Nigrovic, MD, MPH

Niloufar Paydar-Darian, MD

Catherine Perron, MD

Sara Schutzman, MD

Sonal Shah, MD, MPH

Anne Stack, MD

Michael Toce, MD

Mark Waltzman, MD

Debra Weiner, MD, PhD

Pediatric Emergency Medicine

STATE OF THE ART

Tuition Fees

October 10 & 11, 2017

\$850 Physicians

\$650 Residents and Fellows in Training

\$850 Allied Health Professionals

\$5 Processing (service fee). All fees shown in USD.

Small Group Discussions Pre-registration required

Afternoon Interactive Sessions Pre-registration required

Registration by credit card (VISA, MasterCard or American Express) or check can be made through Harvard Medical School's secure online registration system at <https://cmeregistration.hms.harvard.edu/911emergency>. Registration by check (draft on a United States bank), please make payable to **Harvard Medical School**. Learners who choose to pay by check will be prompted to download an online form to send in with a payment. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your payment, you will receive an email confirmation. 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.

Registration inquiries

617-384-8600, M-F, 9 am to 5 pm (EST)

ceprograms@hms.harvard.edu

General course inquiries

617-355-5281

PEM_CME@childrens.harvard.edu

Online Information

To register or view activity information online, go to

<https://cmeregistration.hms.harvard.edu/911emergency>.**Disclaimer**

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

Disclosure Policy

Harvard Medical School (HMS) adheres to all ACCME 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.

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.

Course Location**Tuesday, October 10, 2017 and Wednesday, October 11, 2017**

Conference Center at Waltham Woods

860 Winter Street

Waltham, MA 02451

www.conferencecenteratwalthamwoods.com.**Travel/Accommodations**

Please do not purchase non-refundable airline ticket(s) until you have received an email confirming your paid registration. There are many highly rated hotels within 1 mile of the Conference Center in the Waltham area. Please book your stay according to your hotel preference.

CONFERENCE CENTER AT WALTHAM WOODS
OCTOBER / 10 & 11 / 2017

Register online<https://cmeregistration.hms.harvard.edu/911emergency>

TUESDAY OCTOBER 10, 2017

- 7:00-8:00 am **Breakfast & Registration**
- 8:00-8:15 am **Welcome** | Andrew Fine
- Didactic Sessions – Life Threatening Emergencies**
- 8:15-8:50 am **Management of the Septic Child** | Matthew Eisenberg
- 8:50-9:25 am **Status Epilepticus and Seizures** | Todd Lyons
- 9:25-10:00 am **Surgical Emergencies** | Caitlin Farrell
- 10:00-10:15 am **Break**
- Didactic Sessions – Sub-specialty Emergencies**
- 10:15-10:50 am **Orthopedic Emergencies** | Megan Hannon
- 10:50-11:25 am **Neonatal Emergencies** | Kate Dorney
- 11:25 am-12:00 pm **Visual Daily Double – Visual Diagnoses** | Joshua Nagler
- 12:00-12:45 pm **Lunch** (Commons Dining Room)
- 12:45-1:45 pm **Small Group Discussions**
Choose one
- A. **Evidence Based Guidelines** | Richard Bachur
- B. **Current Recommendations on Opioid Prescribing and Pain Management in Children** | Joel Hudgins
- C. **In Case You Missed it: Best PEM Articles of the Year** | Andrew Fine
- 1:45-2:00 pm **Break**
- *Hands-on Training in Emergency Medicine**
Choose one option for Session 1, and choose one option for Session 2
- 2:00-3:25 pm **Session 1***
- A. **Difficult Diagnoses in Pediatric Emergency Medicine**
Marc Baskin/Catherine Perron
- B. **Simulated Scenarios in Acute Resuscitation** | Joshua Nagler
- C. **Minor Procedures Lab** | Robyn Byer
- D. **Procedural Sedation** | Kyle Nelson
- 3:25-3:35 pm **Break**
- 3:35-5:00 pm **Session 2***
See above options

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.

ABMS/ACGME COMPETENCIES

This course is designed to meet the following American Board of Medical Specialties and Accreditation Council of Graduate Medical Education competencies:

- Patient Care and Procedural Skills
- Medical Knowledge
- Practice-based learning and improvement

IOM Competencies

This course is designed to meet the following Institute of Medicine competencies

- Provide Patient-Centered Care

WEDNESDAY OCTOBER 11, 2017

- 7:00-8:00 am **Breakfast**
- 8:00-8:05 am **Welcome and Keynote Speaker Introduction** | Andrew Fine
- 8:05-8:50 am **Keynote Address** | Monica Kleinman, MD
Advances in Pediatric Resuscitation
- Didactic Sessions – More Neurologic Emergencies**
- 8:50-9:25 am **Concussion Management** | Rebekah Mannix
- 9:25-10:00 am **Psychiatric Emergencies** | Susan Lipsett
- 10:00-10:15 am **Break**
- Didactic Sessions – Infectious Emergencies**
- 10:15-10:50 am **Bugs and Drugs** | Kenneth Michelson
- 10:50-11:25 am **Skin and Soft Tissue Infections** | Theresa Becker
- 11:25 am-12:00 pm **Visual Daily Double – Can't Miss Radiologic Findings** | Mark Waltzman
- 12:00-12:45 pm **Lunch** (Commons Dining Room)
- 12:45-1:45 pm **Small Group Discussions**
Choose one
- A. **Evidence Based Guidelines** | Anne Stack
- B. **Current Recommendations on Opioid Prescribing and Pain Management in Children** | Joel Hudgins
- C. **In Case You Missed it: Best PEM Articles of the Year** | Florence Bourgeois
- 1:45-2:00 pm **Break**
- *Sub-specialty Themes in Emergency Medicine**
Choose one option for Session 1, and choose one option for Session 2
- 2:00-3:25 pm **Session 1***
- A. **Management Decisions for Critically Ill Children** | Mark Neuman
- B. **Case Studies in Pediatric Ultrasound** | Andrew Miller
- C. **From the Case Files of the MA-RI Poison Center** | Michele Burns/Michael Toce
- 3:25-3:35 pm **Break**
- 3:35-5:00 pm **Session 2***
See above options

CONFERENCE CENTER AT WALTHAM WOODS
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