

Pediatric Pain Management: State of the Art and Science

*A continuing education course offered by
Boston Children's Hospital*



Friday, Sept. 30, 2016 & Saturday, Oct. 1, 2016

Boston Children's Hospital
Folkman Auditorium
John F. Enders Pediatric Research Laboratories

COURSE DIRECTORS

Charles B. Berde, MD, PhD
Joyce LoChiatto, RN, MS, CPNP
Neil Schechter, MD
John Hayes, RN, FNP
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COURSE ADMINISTRATOR

Althea Hankey, BMS

COURSE DESCRIPTION

The Pediatric Pain Management conference is designed for pediatric clinicians, physicians, nurses, psychologists and other clinical staff who care for children with painful conditions.

Despite many advances in this field, a significant number of children experience pain unnecessarily in medical settings. This conference is designed to present the latest information on pediatric pain and identify barriers to its adequate treatment.

Recent data have shown that approximately 20 to 25 percent of children in hospitals experience unnecessary pain. Addiction and misuse of prescription drugs is a major problem with adolescents in the United States.

Our conference will include reviews surrounding pharmacologic interventions for pain management, current literature, developmental neuroanatomy, the biology and behavior of addiction, weaning opioids and benzodiazepines, chronic pain management, and the genome project and its implications to pain management. The course will also introduce nonpharmacologic strategies designed to reduce pain and suffering in children and management of painful needle procedures.

LEARNING OBJECTIVES

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

- › discuss evidence for disparities in health care delivery based on race, gender and ethnicity and practices to avoid these disparities
- › discuss the current evidence and safety factors of administering analgesics to infants and children and practical aspects of opioid related management
- › discuss new insights and approaches in managing the patient with sickle cell disease
- › discuss the physiologic and behavioral factors of reward and addiction
- › discuss developmental process of opioid tolerance
- › discuss guidelines in weaning opioids and benzodiazepines in the pediatric population and a system to support the practice
- › discuss positive and negative effects of medical marijuana and its' use in patient care
- › discuss some practical strategies to implement patient care change institutionally
- › discuss development of routines that negatively impact approach to patient care and how to avoid/remediate these behaviors
- › discuss new advances in long-acting regional anesthesia and implications for bedside care
- › discuss chronic pain and potential treatment approaches

TARGET AUDIENCE

Physicians, nurse practitioners, physician assistants, nurses, pharmacists, psychologists, social workers, other mental health professionals, complementary and alternative medicine practitioners and researchers.

ACCOMMODATIONS

A limited number of rooms have been reserved at Best Western; The Inn at Longwood, Boston, MA. Reservations for the event should be made by attendees directly with the hotel at 1-800-468-2378 or 617-731-4700. Please ask for the **CH Pediatric Pain Conference rate.**

Reservations may also be made on the Hotel's website: innatlongwood.com using the group code **PAIN2016.**

Reservations must be received on or before September 15, 2016.

TUITION FEES

Physician: \$400

Physician early bird (prior to 6/30/2016): \$340

Boston Children's nursing + Allied Health professionals: \$100

Non-Boston Children's Allied Health professional: \$200.00

Non-Boston Children's Allied Health Professional Early Bird (prior to 6/30/2016): \$170

Complimentary coffee and lunch will be provided.

ACCREDITATION

Boston Children's Hospital is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Boston Children's Hospital designates this live activity for a maximum of 12.50 *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 for 5.75 hours of Opioid Education/Pain Management credits and 1.0 credit of End-of-Life Care. These credits were determined based on criteria outlined by the Massachusetts Board of Registration in Medicine.

Boston Children's Hospital, is an approved Provider of Continuing Nursing Education by ANA Massachusetts, an Accredited Approver Unit of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation. Day 1: 7.5 contact hours Day 2: 4.5 contact hours

Continuing education credits will be offered for nurses, psychologists and child life specialists who sign in, attend the lecture/s, and complete the program evaluation forms.

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[™] claimed by physicians attending live events certified and organized in the United States for *AMA PRA Category 1 Credits*[™] 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 Credits*[™] is equivalent to one (1) hour of European EACCME Credit (ECMEC©), therefore up to 14.50 ECMEC© Credits are available. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

REFUND POLICY

Registration by credit card can be made at by visiting bostonchildrens.org/Pain2016. Registration by check (draft on a United States bank): please make payable to Boston Children's Hospital and contact the Continuing Medical Education department at cmedepartment@childrens.harvard.edu to discuss payment. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration, an email confirmation from the Boston Children's office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation and certificate.

50 percent refunds will be issued for all cancellations received prior to the start of the course. Refund requests must be received by postal mail, email or telephone. "No shows" are subject to the full course fee, and no refunds will be issued once the conference has started.

DISCLOSURE POLICY

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

Inquiries:
cmedepartment@childrens.harvard.edu
or at 617-919-3146

For more information and registration, visit bostonchildrens.org/pain2016.

COURSE LOCATION: All sessions for this course will be held at Boston Children's Hospital, Boston Massachusetts.

SCHEDULE OF EVENTS

Friday, Sept. 30, 2016

7:30–7:45 a.m. **Registration and Coffee**

7:45–8:00 a.m. **Welcome**

8–9:15 a.m. **Routinization of Suffering**
Daniel Chambliss, PhD

9:15–10:15 a.m. **Pain and Sickle Cell Disease**
Natasha Archer, MD, MPH

10:15–10:30 a.m. **Break**

10:30–11:30 a.m. **Health Care Disparities and Race**
Eric Fleegler, MD, MPH

11:30 a.m.–12:30 p.m. **Chronic Pain**
Clifford Woolf, MB, BCh, PhD

12:30–1:45 p.m. **Lunch and Poster Session and/or Tours of the Main Hospital**
Suzanne Graca, MS, CCLS

1:45–2:15 p.m. **Developmental Aspects of Opioid Tolerance**
Dusica Bajic, MD, PhD

2:15–3:15 p.m. **Implementation of Hospital Wide Weaning Protocol**
Jean C. Solodiuk, RN PhD, CPNP

3:15–3:30 p.m. **Break**

3:30–4:15 p.m. **Palliative Care**
Richard Goldstein, MD

4:15–5:15 p.m. **Medical Marijuana Debate**
Richard Goldstein, MD Sharon Levy, MD, MPH

5:15 p.m. **Closing Remarks**
Charles Berde, MD, PhD

Saturday, Oct. 1, 2016

7:30–7:45 a.m. **Registration and Coffee**

7:45–8 a.m. **Welcome**

8–9:30 a.m. **Long Acting Local Anesthetics**
Charles Berde, MD, PhD

9:30–9:45 a.m. **Break**

9:45–10:30 a.m. **Acute Post-operative Pain in Children**
Christine Greco, MD

10:30–11:15 a.m. **Chronic Pain Management and Opioid Use**
Christine Greco, MD

11:15–11:45 **Patient Experience**
Timothy Heckmann, BS

11:45 a.m.–1 p.m. **Lunch and Poster Session and/or Tours of the Main Hospital**
Suzanne Graca, MS, CCLS

1–2:15 p.m. **Chronic Pain Panel**
Navil Sethna, MC, ChB
Caitlin Conroy, PsyD
Yvette Goodridge, MSN, RN, CPNP
Julie Shulman, PT, DPT, PCS

2:15 p.m. **Closing Remarks**
Charles Berde, MD, PhD