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

bostonchildrens.org/Pain2016
**COURSE DIRECTORS**
Charles B. Berde, MD, PhD  
Joyce LoChiatto, RN, MS, CPNP  
Neil Schechter, MD  
John Hayes, RN, FNP  
Jean Solodiuk, RN, PhD, CPNP

**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/mediate 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**

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Physician</td>
<td>$400</td>
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<tr>
<td>Physician early bird (prior to 6/30/2016)</td>
<td>$340</td>
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<tr>
<td>Boston Children’s nursing + Allied Health professionals</td>
<td>$100</td>
</tr>
<tr>
<td>Non-Boston Children’s Allied Health professional</td>
<td>$200.00</td>
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<tr>
<td>Non-Boston Children’s Allied Health Professional Early Bird (prior to 6/30/2016)</td>
<td>$170</td>
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Complimentary coffee and lunch will be provided.
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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>7:30–7:45 a.m.</td>
<td>Registration and Coffee</td>
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<tr>
<td>7:45–8:00 a.m.</td>
<td>Welcome</td>
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<tr>
<td>8–9:15 a.m.</td>
<td>Routinization of Suffering</td>
<td>Daniel Chambliss, PhD</td>
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<tr>
<td>9:15–10:15 a.m.</td>
<td>Pain and Sickle Cell Disease</td>
<td>Natasha Archer, MD, MPH</td>
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<tr>
<td>10:15–10:30 a.m.</td>
<td>Break</td>
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<tr>
<td>10:30–11:30 a.m.</td>
<td>Health Care Disparities and Race</td>
<td>Eric Fleegler, MD, MPH</td>
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<tr>
<td>11:30 a.m.–12:30 p.m.</td>
<td>Chronic Pain</td>
<td>Clifford Woolf, MB, BCh, PhD</td>
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<td>12:30–1:45 p.m.</td>
<td>Lunch and Poster Session and/or Tours of the Main Hospital</td>
<td>Suzanne Graca, MS, CCLS</td>
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<tr>
<td>1:45–2:15 p.m.</td>
<td>Developmental Aspects of Opioid Tolerance</td>
<td>Dusica Bajic, MD, PhD</td>
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<tr>
<td>2:15–3:15 p.m.</td>
<td>Implementation of Hospital Wide Weaning Protocol</td>
<td>Jean C. Solodiuk, RN PhD, CPNP</td>
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<tr>
<td>3:15–3:30 p.m.</td>
<td>Break</td>
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<tr>
<td>3:30–4:15 p.m.</td>
<td>Palliative Care</td>
<td>Richard Goldstein, MD</td>
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<td>4:15–5:15 p.m.</td>
<td>Medical Marijuana Debate</td>
<td>Richard Goldstein, MD Sharon Levy, MD, MPH</td>
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<td>5:15 p.m.</td>
<td>Closing Remarks</td>
<td>Charles Berde, MD, PhD</td>
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**Saturday, Oct. 1, 2016**

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<td>Registration and Coffee</td>
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<td>7:45–8 a.m.</td>
<td>Welcome</td>
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<tr>
<td>8–9:30 a.m.</td>
<td>Long Acting Local Anesthetics</td>
<td>Charles Berde, MD, PhD</td>
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<tr>
<td>9:30–9:45 a.m.</td>
<td>Break</td>
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<tr>
<td>9:45–10:30 a.m.</td>
<td>Acute Post-operative Pain in Children</td>
<td>Christine Greco, MD</td>
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<td>10:30–11:15 a.m.</td>
<td>Chronic Pain Management and Opioid Use</td>
<td>Christine Greco, MD</td>
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<td>11:15–11:45</td>
<td>Patient Experience</td>
<td>Timothy Heckmann, BS</td>
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<tr>
<td>11:45 a.m.–1 p.m.</td>
<td>Lunch and Poster Session and/or Tours of the Main Hospital</td>
<td>Suzanne Graca, MS, CCLS</td>
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<tr>
<td>1–2:15 p.m.</td>
<td>Chronic Pain Panel</td>
<td>Navil Sethna, MC, ChB Caitlin Conroy, PsyD Yvette Goodridge, MSN, RN, CPNP Julie Shulman, PT, DPT, PCS</td>
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<td>2:15 p.m.</td>
<td>Closing Remarks</td>
<td>Charles Berde, MD, PhD</td>
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