13th Annual
Sports Concussion, Traumatic Brain And Spine Injury Conference

REGISTRATION: bostonchildrens.org/concussioncme2016

Thursday & Friday, May 19–20, 2016
The Joseph B. Martin Conference Center at Harvard Medical School
77 Avenue Louis Pasteur, Boston, MA
The 13th Annual Sports Concussion, Traumatic Brain And Spine Injury Conference

This recently expanded course will focus on the basic science and clinical management of traumatic brain injury (TBI), sport-related concussion and spinal cord injury. Day one is focused on TBI, while day two emphasizes sports-related concussion. You can choose to attend either or both days.

Through lectures, panel presentations, small group discussions, Q&A and case reviews, you will gain the practical knowledge and skills needed to diagnose, treat and manage the full spectrum of TBI, sports-related concussion and spine injury during both the acute and chronic phases of recovery.

Afternoon workshops will address practical concerns for clinicians, athletic trainers, coaches and school personnel.

Target audience
This course is for anyone involved in assessing and managing patients with head or spinal injuries — including neurologists, neurosurgeons, nurses, pediatricians, emergency and trauma physicians, emergency medical technicians, physical therapists, physician assistants, primary care physicians, psychologists, athletic trainers and coaches.

Course objectives
Upon completion of this activity, participants will be able to:

› assess the problems of sports-related concussion and spine injuries and develop strategies to diagnose and treat them effectively
› determine when to safely return an athlete to play in accordance with best practice
› evaluate athletic injuries and determine when to refer your patients to an expert for a higher level of care
› evaluate assessment tools and treatment options for patients presenting with traumatic brain injuries
› work in a multidisciplinary team to provide optimal care for your athletic patients

Registration
Register for one or both days.

<table>
<thead>
<tr>
<th>Tuition Fee (in U.S. Dollars)</th>
<th>1 Day</th>
<th>2 Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians</td>
<td>$300</td>
<td>$485</td>
</tr>
<tr>
<td>Trainee/allied health professional</td>
<td>$230</td>
<td>$375</td>
</tr>
<tr>
<td>Other professionals</td>
<td>$210</td>
<td>$335</td>
</tr>
<tr>
<td>Past attendees</td>
<td>$180</td>
<td>$290</td>
</tr>
<tr>
<td>Groups of 3 or more (per person)</td>
<td>$170</td>
<td>$275</td>
</tr>
<tr>
<td>Harvard faculty</td>
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<td>$245</td>
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</tbody>
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Refund policy
Fifty percent (50%) 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.

Accreditation
Boston Children’s Hospital is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The Boston Children’s Hospital designates this live activity for a maximum of 14.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation.

Course location
The Joseph B. Martin Conference Center at Harvard Medical School (77 Avenue Louis Pasteur) is located in the Longwood Medical Area directly across from the Boston Latin School. It is accessible by car, subway (MBTA Green Lines B or D), or bus (MBTA routes 47, CT2 or 8A). Public parking garages are within walking distance.
Schedule of events

Day 1 - Thursday, May 19, 2016

8 – 8:30 a.m.  Epidemiology and Prevention  
Lois Lee, MD

8:30 – 9 a.m.  Neonatal Brain Injury  
Terri E. Inder, MBCHB

9 – 9:30 a.m.  Neurocritical Care  
Robert Tasker, MB, BS, MD

9:30 – 10 a.m.  Non-Accidental Trauma  
Hiu-Fai Fong, MD

10 – 10:15 a.m.  Q&A

10:15 – 10:30 a.m.  BREAK

10:30 – 11 a.m.  Decisions Regarding Imaging of Minor TBI Patients  
Alex Powers, MD

11 – 11:30 a.m.  Advanced Imaging  
Michelle Silvera, MD

11:30 a.m. – 12:15 p.m.  Progress in Pediatric Brain Injury  
Dave Adelson, MD

12:15 – 12:30 p.m.  Q&A

12:30 – 1:15 p.m.  LUNCH

1 – 1:15 p.m.  Guest Speaker Spinal Cord Injury  
TBA

1:15 – 1:45 p.m.  Brain Injury Rehabilitation  
Doug Katz, MD

1:45 – 2:15 p.m.  TMS, Transmagnetic Stimulation and Seizures after TBI  
Alexander Rotenberg, MD, PhD

2:15 – 2:30 p.m.  Q&A

2:30 – 2:45 p.m.  Spinal Cord Injury  
Guest Speaker

3:15 – 4:15 p.m.  Traumatic Spine Injury  
Mark Proctor, MD

3:45 – 4:15 p.m.  Physiology after Traumatic Spine Injury  
Andy Taylor, PhD

4:15 – 4:30 p.m.  Surgical Management of Acute Spine Injury  
Daniel Hedequist, MD

4:30 – 4:45 p.m.  Q&A
Schedule of events

Day 2 - Friday, May 20, 2016

8 – 8:45 a.m.  The Basics of Concussion: Biomechanics and Pathophysiology
Chris Giza, MD

8:45 – 9:15 a.m.  Medical Management of Concussion
Michael O’Brien, MD

9:15 – 9:45 a.m.  Return to Learn Following Concussion
Alex Taylor, PsyD

9:45 – 10:15 a.m.  Effect of Concussion on Gait and Balance
David Howell, PhD

10:15 – 10:30 a.m.  BREAK

10:30 – 11:15 a.m.  Chronic Traumatic Encephalopathy
Julian Bailes, MD

11:15 – 11:45 a.m.  Animal Models, Concussion Research and Potential Therapeutic Target for CTE
Rebekah Mannix, MD, MPH

11:45 – 11:50 a.m.  MA Concussion Legislation
Department of Public Health (TBD)

11:50 a.m. – noon  Q&A

Noon – 12:15 p.m.  Perspective of a Professional Athlete
TBA

12:15 – 1 p.m.  LUNCH

1 – 1:30 p.m.  History of Medical Management of Sport-Related Concussion
Robert Cantu, MD

1:30 – 2 p.m.  Effects of Recommended Treatments on Concussion Symptoms
Grant Iverson, PhD

2 – 2:30 p.m.  Tackling in Football: Recent AAP Statement
William Meehan, MD

2:30 – 2:45 p.m.  Q&A

2:45 – 3 p.m.  BREAK

Afternoon Session (3–5 p.m.  2, one hour sessions running concurrently)

3 – 4 p.m.  Treatment of Ocular, Vestibular & Balance Problems After Concussion
Lenore Herget, DPT
Jacob Brodsky, MD
Aparna Raghuram, OD, PhD

Acute Assessment and Preparation for Emergency Transport
Pierre D’Hemecourt, MD
Steve Clark, DPT, MS, PT, ATC, CSCS

4 – 5 p.m.  Q & A Panel: Clinical Management Questions
Karameh Hawash-Kuemmerle, MD
Robert Cantu, MD
Alex Taylor, PsyD
Mark Proctor, MD
Lisa Vopat, MD

Implementing Medical Recommendations at School and Home
Regina Laine, PNP, MSN
Rebecca Stevens, NP
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LEARN MORE
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