

The Emerson Hospital Center for Rehabilitative and Sports Therapies and Dr. Robert C. Cantu Concussion Center are proud to present

Concussion Diagnosis and Management

REGISTER BY
OCT. 31
AND SAVE!

An Inter-Professional Care Team Approach

A concussion seminar for professionals providing care to patients who suffer concussions.



December 3, 2016
8 am – 4:30 pm

The Hanger Café
300 Baker Ave.
Concord, MA 01742

Register online at
emersonhospital.org/concussionconference
or call 978-287-8940.

SPEAKERS INCLUDE:

- Robert C. Cantu, MD
- Ross Zafonte, DO
- Grant Iverson, PhD
- Ann McKee, MD
- Casey Cochran

...and an inter-professional panel of PTs, OT, and ST from the Dr. Robert C. Cantu Concussion Center at Emerson Hospital.

 Dr. Robert C. Cantu
Concussion Center
Emerson Hospital

 Center for Rehabilitative
and Sports Therapies
Emerson Hospital

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OVERVIEW



This exciting new Concussion Conference will focus on the latest concepts and guidelines for the medical management and rehabilitation of concussion patients—both acute and sub-acute. The morning sessions will emphasize medical management and new research for rehabilitation protocols. The afternoon sessions will focus on the assessment and delivery of prescriptive exercise for concussion patients.

Attendees will learn the practical application of a care team approach to concussion rehabilitation, exercise and strategies for the brain, vestibular, oculomotor and musculoskeletal system.

Through lectures, panel discussions, demonstrations and Q&A, you will gain practical knowledge and insight into diagnosing and managing concussion patients, as well as prescribing the appropriate therapies based on the right patient and the right dose, at the right time.

Objectives

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

- Identify concussion symptoms and post-concussion syndrome.
- Describe the neuropathological changes associated with Chronic Traumatic Encephalopathy (CTE).
- Identify the potential post-acute treatment options and negative consequences of rest and activity restriction.
- Encourage active rehabilitation for athletes who are slow to recover following head trauma.
- Understand concussion from an athlete's perspective.
- Identify Visual-Vestibular role in treatment of PCS and assist in early identification of patients who may benefit from vestibular and /or vision therapy to improve healing time.
- Develop individualized treatment programs for post-concussive patients suffering from headache and neck pain symptoms.
- Identify appropriate therapeutic tasks to expand cognitive endurance in the areas of auditory processing, visual processing, attention/memory, executive function, and word retrieval. Participants will design an appropriate return to learn/work plan that is gradual and allows for accommodations



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Topics

- History of Medical Management of Concussion
- The Neuropathology of Chronic Traumatic Encephalopathy
- Rest and Rehabilitation following a Concussion
- Novel Interventions in the Rehabilitation of those with Concussion: Next Steps and Caveats
- Concussion Perspective of an Athlete with Q & A
- New Face of Cognitive Retraining with Concussion
- Cervical Assessment, Treatment, and Return to Play Guidelines
- Practical Management of Vision-Vestibular Disorders as they Relate to PCS

Continuing Education Credits

- 6.5 CMEs will be provided to physicians.
- 6.5 contact hours will be provided to RNs, NPs, PAs, PTs, OTs, SLPs and ATCs.

Who should attend

This seminar is for anyone involved in the assessment, diagnosis, management and rehabilitation of patients with acute and sub-acute concussions (post-concussion syndrome)—including neurologists, neurosurgeons, nurses, pediatricians, emergency physicians, physical therapists, occupational therapists, speech language pathologists, physician assistants, nurse practitioners, primary care physicians, athletic trainers and coaches.

Conference Location

The conference will be held at The Hanger Café at 300 Baker Ave., Concord, MA 01742. Parking is free.

Hotel Accommodations

The Residence Inn Boston Concord is conveniently located at 320 Baker Ave., Concord, MA 01742. 978-341-0003. To book online, under “special corporate code” our code is LR4.

Emerson Hospital is an approved provider of Continuing Nursing Education by ANA-MA, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.



Emerson Hospital designates each educational activity for a maximum of 1 AMA PRA Category 1 Credit™. Physicians should claim only one credit commensurate with the extent of their participation in the activity. Emerson Hospital is accredited by the Massachusetts Medical Society to provide continuing medical education for physicians.



Franciscan Children's is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

Audiologists and Speech-Language Pathologists: This course is offered for .65 ASHA CEUs (Intermediate level, Professional area). Information pertaining to the speaker's financial and non-financial relationships can be found at emersonhospital.org/concussionconference.



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PROGRAM SCHEDULE

Time	Title & Presenter	Minutes
7:30 – 8:00 am	Registration and Check-in	
8:00 – 8:05 am	Introduction and Welcome Terrie Enis, PT, MSPT, Director of Rehab and Concussion Center	
8:05 – 8:45 am	History of Medical Management of Concussion Robert C. Cantu, MD	40
8:45 – 9:30 am	The Neuropathology of Chronic Traumatic Encephalopathy Ann McKee, MD	45
9:30 – 9:45 am	Break	
9:45 – 10:30 am	Rest and Rehabilitation Following a Concussion Grant L. Iverson, PhD	45
10:30 – 11:15 am	Novel Interventions in the Rehabilitation of those with Concussion: Next Steps and Caveats Ross D. Zafonte, DO	45
11:15 – 11:45 am	Panel Discussion With morning speakers	30
11:45 am – 12:45 pm	Lunch Break	
12:45 – 1:30 pm	Concussion Perspective of an Athlete with Q and A Casey Cochran	45
1:30 – 2:15 pm	New Face of Cognitive Retraining with Concussion Mary Ann Williams-Butler, MA, CCC-SLP	45
2:15 – 3:00 pm	Practical management of Vision-Vestibular Disorders as they Relate to PCS Naseem Chatiwala, PT, MS, DPT, NCS and Nicole Finch, MS OTR/L	45
3:00 – 3:45 pm	Cervical Assessment, Treatment, and Return to Play Guidelines Jessica Gravel, PT, DPT and Josh Avery, PT, DPT	45
3:45 – 4:00 pm	Break	
4:00 – 4:30 pm	Panel Discussion With afternoon speakers	30

Total contact hours: 6.5



EMERSON HOSPITAL CENTER FOR REHABILITATIVE AND SPORTS THERAPIES
DR. ROBERT C. CANTU CONCUSSION CENTER

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PRESENTERS

Josh Avery, PT, DPT

Senior Physical Therapist, Emerson Hospital. Multiple years of outpatient orthopedic and sports physical therapy experience including work with the New England Patriots. Active in the Spine Rehabilitation Clinic and Concussion Program.

Mary Ann Williams-Butler, MA, CCC-SLP

Supervisor, Speech/Language Pathologist, Emerson Hospital. Established the Modified Barium Swallow study program at Emerson, held adjunct faculty appointments in the Communication Disorders Department at Worcester State College, and frequent speaker on dysphagia, apraxia, memory deficits, cognitive pragmatic deficits and traumatic brain injury.

Robert C. Cantu, MD

Director of the Dr. Robert C. Cantu Concussion Center at Emerson Hospital. Clinical professor of neurology and neurosurgery and co-founder of the CTE Center at Boston University School of Medicine. Senior Advisor, Brain Injury Center. Author of over 359 scientific publications, including 29 books on neurology and sports medicine.

Naseem Chatiwala, PT, MS, DPT, NCS

Clinical Specialist Neurology/Pediatrics, Emerson Hospital. Recently awarded an APTA credentialed certificate in vestibular competency. Helped design the Better Balance Clinic and is working to develop a pediatric program. Involved in a study looking at application of Myoworx for patients with concussion.

Casey Cochran

Former quarterback for the University of Connecticut football team. Graduate student at the University of Connecticut Sport Management program. Received multiple concussions playing football and is an advocate for concussion awareness and screening.

Nicole Finch, MS OTR/L

Senior Therapist, Emerson Hospital. Worked at Spaulding Rehabilitation Hospital in Boston, treating patients with brain injury, stroke and multi-trauma orthopedic injuries. Proficient in use of Neuro Developmental Treatment techniques, Kinesio Taping, rigid taping, Bioness NESS H200 hand rehabilitation system, Dynavision D2, and treatment of neurological-based visual deficits.



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PRESENTERS, *continued*

Jessica Gravel, PT, DPT

Senior Physical Therapist, Emerson Hospital. Specializes in concussion rehabilitation, orthopedic, and sports injuries. Instrumental in the growth and development of Emerson's post-concussion and baseline concussion programs.

Grant Iverson, PhD

Director, Neuropsychology Outcome Assessment Laboratory. Works at Spaulding Rehabilitation Hospital and Harvard Medical School. Associate Director, Traumatic Brain Injury Research, Red Sox Foundation and Massachusetts General Hospital Home Base Program.

Ann McKee, MD

Co-Director, Center for the Study of Traumatic Encephalopathy and Professor of Neurology and Pathology, Boston University School of Medicine. Director of Neuropathology, New England VA Medical Centers.

Ross Zafonte, DO

Earle P. and Ida S. Charlton Professor and Chairman of the Department of Physical Medicine and Rehabilitation at Harvard Medical School. Chief of Physical Medicine and Rehabilitation at Massachusetts General Hospital and Brigham and Women's Hospital. Senior Vice President Medical Affairs, Research and Education at Spaulding Rehabilitation Network.

In partnership with the Brain Injury Association of Massachusetts



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REGISTRATION

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Conference Tuition

Register by October 31st and save!

Physicians \$300

Early Registration by 10/31/16. . . . \$270

Allied professionals \$240

(ATC's, PT, OT, SLP, Nurses, Np's)

Early Registration by 10/31/16. . . . \$216

Code: allied

Others: Coaches, Students,

Emerson employees \$195

Early Registration by 10/31/16. . . . \$162

Code: discount1

Cancellation Policy

In the event of cancellation due to weather, Emerson Hospital will provide a credit for the conference that will be rescheduled within twelve (12) months. 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 or email. No refund will be issued should cancellation occur less than two weeks prior to the conference. "No shows" are subject to the full course fee and no refunds will be issued once the conference has started.

Complaint Resolution Policy

For more information regarding our administrative policies concerning complaints and refunds, please contact:

Concussion Conference Chair
Dr. Robert C. Cantu Concussion Center
310 Baker Ave., Concord, MA 01742

978-287-8940

rehabeh@emersonhosp.org





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