CONCUSSION: Has the brain really recovered?

- Symposium faculty are renowned scientific and clinical concussion experts.
- CME and BOC credits offered.

If you cannot come to Arizona –
JOIN US VIA LIVE WEBCAST!

Friday and Saturday
September 28-29, 2012

Limited Seating –
Register Online Today!

Ashton B. Taylor Auditorium
Mayo Clinic
Scottsdale, Arizona
General Information

COURSE HIGHLIGHTS
Concussion is a major public health priority that transcends age, gender and sport. The under-reporting and recognition of concussion; and the potential for short-term catastrophic consequences and disabling long-term neurological impairment from repeated concussions has prompted the passage of legislation in many states that requires the immediate removal from play of an athlete suspected of having a concussion; mandatory concussion education of all those who intersect with an athlete; and return-to-play clearance by a qualified health care provider.

This state-of-the-art symposium highlights the epidemiology of concussion in sport; the pathophysiology of concussion; sideline and outpatient clinical evaluation; standard and novel diagnostic strategies; and implementation of return-to-activity guidelines. The format includes platform lectures, small group workshops, panel discussions, and live two-way remote audio/video concussion evaluations using robotic teleconcussion technology. The faculty is comprised of renowned scientific and clinical experts in the field of concussion from Mayo Clinic and leading US academic medical centers. The intended audience includes athletic trainers, athletic directors, allied health professionals and physicians involved, or with an interest, in the evaluation and management of individuals with concussion. If you cannot attend this symposium onsite it is offered live via webcast. Separate registration is to be completed.

COURSE LEARNING OBJECTIVES
Upon conclusion of this program, participants should be able to:
• Recognize the signs and symptoms of a concussion
• Evaluate an athlete suspected of having a concussion, both on the sidelines and in the clinic setting
• Recognize when an athlete has recovered and it is safe to return to play
• Apply appropriate management and rehabilitation techniques to implement a state-of-the-art “return to play” strategy
• Explain the potential short and long-term neurological consequences of concussion.

CREDIT
College of Medicine, Mayo Clinic, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

College of Medicine, Mayo Clinic, designates this live activity for a maximum of 11.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This live activity, Mayo Clinic Symposium on Concussion in Sport-Onsite, with a beginning date of September 28, 2012 has been reviewed and is acceptable for up to 11.50 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This program has been accredited by the American Osteopathic Association for 11.50 Category 2-A credits of AOA Category 2-A.

Mayo Clinic (P476) is recognized by the Board of Certification, Inc. to offer continuing education for Certified Athletic Trainers. This program has been approved for a maximum of 11.50 hours of Category A continuing education. Certified Athletic Trainers are responsible for claiming only those hours actually spent participating in the continuing education activity.

Webcast accreditation is noted on its separate website at www.mayo.edu/cme.

A record of attendance will be provided to all registrants for requesting credits in accordance with state nursing boards, specialty societies or other professional associations.

DISCLAIMER
Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.
GRANTS AND EXHIBITS
This course is supported in part by educational grants, in accordance with ACCME standards. As of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the meeting. Exhibits will be available for viewing at all scheduled breaks.

TRAVEL INFORMATION
Information regarding directions, hotel accommodations, transportation, recreation and leisure activities can be found on the symposium website www.mayo.edu/cme.

LODGING ACCOMMODATIONS
Courtyard by Marriott Scottsdale at Mayo Clinic
13444 East Shea Boulevard, Scottsdale, Arizona 85259 • (866) 699-6296 or (480) 860-4000
Please tell the hotel reservationist that you are visiting Mayo Clinic for special rates. Attendees are responsible for their own reservations.

RECREATION ACTIVITIES
Visit www.visitphoenix.com or www.scottsdalecvb.com for additional recreation and leisure activities.

Faculty

SYMPOSIUM DIRECTOR
David Dodick, M.D.

SYMPOSIUM PLANNING COMMITTEE
Charles Adler, M.D., Ph.D.
Michael Cevette, Ph.D.
Bart Demaerschalk, M.D., FRCP(C)
Leland Hu, M.D.

Steven Ressler, M.D.
Michael Stuart, M.D.
Aynsley Smith, R.N., Ph.D.
Bert Vargas, M.D.

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GUEST FACULTY
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Steven Erickson, M.D.
Arizona State University
Tempe, Arizona
Steven Galetta, M.D.
University of Pennsylvania
Philadelphia, Pennsylvania
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Jeffrey Kutcher, M.D.
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Ann McKee, M.D.
Boston University
Boston, Massachusetts
Diane Wiese-Bjornstal, Ph.D.
University of Minnesota
Minneapolis, Minnesota

FACULTY DISCLOSURE: As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of Continuous Professional Development) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.
Program

Friday, September 28

11:00 a.m.  Registration (lunch not provided)
12:15 p.m.  Welcome and Symposium Briefing ....................... David Dodick, M.D.

Concussion: Scope of the Problem
Moderator: David Dodick, M.D.
12:30  Definition, Diagnosis, Prevalence, and Prevention  ............ David Dodick, M.D.
1:00  Evaluation and Management of Concussion in the Field ............ Steven Galetta, M.D.
1:30  Evaluation and Management of Concussion in the Clinic ............. Bert Vargas, M.D.
2:00  Post-concussion Syndrome: Diagnosis and Management ................... Steven Erickson, M.D.
2:30  Panel Discussion with Faculty
3:00  Break

Concussion: Evaluation and Management
Moderator: Bert Vargas, M.D.
3:30  Translating Objective Data into Concussion Prevention and Improved Management  .... Kevin Guskiewicz, Ph.D., ATC
4:00  Vulnerable Population: Concussion in the Youth Athlete .............. David Adelson, M.D.
4:30  Female Athlete Concussions ........................................ Diane Wiese-Bjornstal, Ph.D.
5:00  Panel Discussion with Faculty
5:30  Adjourn

Saturday, September 29

7:00 a.m.  Continental Breakfast
7:50  Announcements

Neurobiology and Neurological Consequences of Repeated Concussion
Moderator: Charles Adler, M.D., Ph.D.
8:00  Concussion Pathophysiology 101: Mechanisms of Neural Dysfunction and Vulnerability ............ Christopher Giza, M.D.
8:30  The Role of Imaging in Concussion: Present and Future ................ Leland Hu, M.D.
9:00  Chronic Traumatic Encephalopathy ................................. Ann McKee, M.D.
9:30  Panel Discussion with Faculty
9:55  Break

Prevention and Future Directions
Moderator: Bart Demaerschalk, M.D., FRCP(C)
10:10  Neuropsychological Testing in Sport: Which Tests to Use and When ............ Ruben Echemendia, Ph.D.
10:40  Preventing Concussion: Education, Fair Play, and Rule Changes .............. Aynsley Smith, R.N., Ph.D.
11:10  State of the Art in Motion: Illustrative Cases ...................... Jeffrey Kutcher, M.D.
11:40  Panel Discussion with Faculty
12:05 p.m.  Lunch (complimentary)
12:30  Special Luncheon Presentation
1:30  Breakouts (Webcast offers A only and webcast ends at 2:30 p.m.)
A: Neurological and Cognitive Evaluation:
  Interpreting Computerized Cognitive Concussion Results, Treatment and Return-to-Play Strategies and Guidelines
  Jeffrey Kutcher, M.D. and Ruben J. Echemendia, Ph.D.
B: Vestibular, Balance, and Postural Evaluation and Rehabilitation of the Concussed Athlete
  Jamie Bogle, Ph.D. and Elaine Johnson Siekmann, P.T.
3:40  Adjourn
REGISTRATION FORM

Mayo Clinic Symposium on Concussion in Sport
September 28-29, 2012
Ashton B. Taylor Auditorium, Mayo Clinic, Scottsdale, Arizona

Registration at the standard fee may be completed using this form and faxing it to (480) 301-9176. Or you can mail it to: Mayo Clinic, Mayo School of CPD, 13400 East Shea Boulevard, Scottsdale, Arizona 85259. An email confirmation will be sent upon receipt of payment and completed registration. If you do not receive your confirmation, or if you have any questions, please email us at mca.cme@mayo.edu or call (480) 301-4580. No refund will be granted unless a written notice of cancellation is received. If registration must be canceled, tuition less a $75 administrative fee, will be refunded when notification is received on or before September 13, 2012. No refunds will be made after this date. Although it is not Mayo Clinic’s policy to limit the number of registrants for a course, conference room facilities may necessitate closure of enrollment. Early registration is strongly recommended. Walk-in registrations cannot be guaranteed. Mayo Clinic will not be responsible for expenses incurred by individuals who are not confirmed for courses with a closed registration status. Costs incurred by the registrant such as airline/hotel fees or penalties are the responsibility of the registrant.

ONLINE SYLLABUS: Your registration fee includes access to a detailed online syllabus, emailed one week prior to the course. This allows you to download the syllabus before attending the course. No internet is offered in the meeting room. If you would like, you may order a paper copy during your registration process.

Your type of practice: □ Solo □ Group □ University □ Resident/Fellow □ Retired □ Other: __________
Years in practice: □ 0-4 □ 5-10 □ 11-15 □ 16-25 □ > 25

Course Registrant List (Check only if you want your name removed)
□ I do not want information (i.e., name, degree, city, and state) to appear on the course registrant list.

Registration Please print. Use duplicate form for multiple registrations.

Name of Registrant – first, middle, and last name
Degree/Certification
Prefered mailing address is: (select one) □ Work/Business □ Home
Address
City State/Province ZIP/Postal Code
Country Email
Daytime Telephone Fax

$75 DISCOUNT FOR ONLINE REGISTRATION!
Go to www.mayo.edu/cme (offer expires August 28, 2012)
Note: When registering online, please be sure to “check-out” after your profile is completed/updated.

ONSITE (2012S814) REGISTRATION FEE:
□ Physicians $300 $__________
□ Allied Health, Residents, Coaches, and Trainers $200 $__________
□ Yes, I would like to order a paper copy of the course syllabus $25 $__________
Syllabus: Your registration fee includes access to an online syllabus available one week prior to the course. Please check the box below if you want to order a paper copy ($25). (Due to printing deadlines, this syllabus cannot be mailed out in time for those attending via webcast. This option will not be available after September 14, 2012.)

WEBCAST (2012S161) (e-syllabus only) $200 $__________

Payment Information (US Funds Only)
□ Check is enclosed in the amount shown at right – make checks payable to Mayo Clinic CPD Payment Total
□ Discover □ MC □ Visa
Account Number Exp. Date (mm/yy)
Signature Date
WEBCAST ATTENDANCE:
If you’re unable to attend the onsite live activity, you can participate virtually through webcast. CME credit is offered. Saturday’s Breakout B is not offered as part of the webcast.

Webcast attendance provides you with the exact general symposium presentations and presenters offered at the onsite live activity. You are able to ask the faculty questions in real time. The schedule is based upon Mountain Standard Time (no daylight savings time). The webcast information and requirements can be found at www.mayo.edu/cme.

Registration for this activity via webcast must be completed by September 26, 2012.

$75 DISCOUNT FOR ONLINE REGISTRATION!
www.mayo.edu/cme (offer expires August 28, 2012)

Email: mca.cme@mayo.edu • Phone: (480) 301-4580 • Fax: (480) 301-9176

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