

ATHLETE CONCUSSION MANAGEMENT

RESOURCES

- 1) McCrory P, Meeuwisse W, Johnston K, Dvorak J, Aubry M, Molloy M, Cantu R. Consensus Statement in Sport Third International Conference on Concussion in Sports Held in Zürich, November 2008. *Clinical Journal of Sports Medicine* Volume 19, number 3, May 2009.
- 2) Gessel I, Fields S, Collins C, Dick R, Comstock D. Concussions among United States High School and Collegiate Athletes. *Journal of athletic training*, Volume 42, Number four, 2007
- 3) Guskiewicz K, Weaver N, Padua D, Garrett W. Epidemiology of Concussion in Collegiate and High School Football Players. *The American Journal of Sports Medicine*, Volume 28 Number five, 2000
- 4) Rechel J, Yard E, Comstock D. An Epidemiological Comparison of High School Sports Injuries Sustained in Practice and Competition. *Journal of athletic training*, volume 43 number two, 2008
- 5) Echemendia R (ed.) *Sports Neuropsychology; Assessment and Management of Traumatic Brain Injury*. The Guilford Press, New York, NY. 2006
- 6) Giza c, DiFiori J. Pathophysiology of Sport Related Concussion: An Update on Basic Science and Translational Research. *Sports Health*. December 13, 2010
- 7) Omalu B. *Play Hard, Die Young; Football Dementia, Depression and Death*. Neo-Forenxis Books, Lodi;CA 2008
- 8) Le Blanc, K.E. Concussion in Sports: Guidelines for return to competition. *American Family Physician*, Sept. 1994
- 9) Grant L, Iverson M, Gaetz M, Lovell M, Collins M. Cumulative Effects of Concussion in Amateur Athletes. *Brain Injury*, Vol. 18, No. 5, 2004.
- 10) Hosseini A, Lifshitz J. Brain Injury Forces of Moderate Magnitude Elicit the Fencing Response. *Medicine & Science in Sports & Exercise*, volume 41 number 9, 2009.
- 11) Casson I, Viano d, Powell j, Pellman E. Twelve Years of National Football League Concussion Data. *Sports health* volume 2, number 6, 2010.
- 12) Frommer L, Gurka K, Cross K, Ingersoll C, Comstock D, Saliba S. Sex Differences in Concussion Symptoms of High School Athletes. *Journal of athletic training* volume 46 number 1, 2011
- 13) National Athletic Trainers' Association. Summit on Youth Sports Safety Crisis in America. [Http://www.NATA.com](http://www.NATA.com) 2010.
- 14) Gamble K. *Neurology Now*. Vol.7 Issue 1 2011. Available at <http://patients.aan.com/resources/neurologynow/index.cfm?event=home.showArticle&id=ovid%2Ecom%3A%2Fbib%2Fovftdb%2F01222928%2D201107010%2D00011>
- 15) Halstead M, Walter K. Sport-Related Concussion in Children and Adolescents. *Pediatrics*. Vol. 123, No. 3, 2010.
- 16) Cantu R. Recurrent Athletic Head Injury: Risks and When to Retire. *Clinician and Sports Medicine*. Vol. 22 No. 3 2003
- 17) Cantu R. When to Disqualify an Athlete after a Concussion. *Curr Sports Med Rep*. Vol. 8 No. 1 2009
- 18) Echlin P, Tator C, Cusimano M, Cantu R, et al. A Prospective Study of Physician Observed Concussions during Junior Ice Hockey: Implications for Incidence Rates. *Journal of Neurosurgery*. Volume 29 number 5, 2010.

- 19) National Federation Of State High School Associations Football Rules Committee. Concussion Statement. Available at www.NFHS.org
- 20) Iowa High School Athletic Association and Iowa Girls High School Athletic Union. Concussion management protocol. Available at <http://www.iahsaa.org/>
- 21) United States House of Representatives. HR 469. Available at <http://thomas.loc.gov/cgi-bin/query/z?c112:H.R.469.IH> :
- 22) Iowa General Assembly. SF367. Available at <http://coolice.legis.state.ia.us/Cool-ICE/default.asp?Category=BillInfo&Service=Billbook&ga=84&hbill=SF367>
- 23) ScienceDaily. Retrieved April 5, 2011 from <http://www.sciencedaily.com/releases/2009/05/090527121051.htm>
- 24) Broglio S, Ju Y, Broglio M, Sell T. The Efficacy of Soccer Headgear. Journal of Athletic Training volume 38 number three, 2003
- 25) Tierney R, Higgins m, Caswell S, Brady J, McHardy K, Brihan J, Darvish K. Sex Differences in Head Acceleration During Heading While Wearing Soccer Headgear. Journal of Athletic Training. Number 43 volume 6, 2008.
- 26) Collins M, Lovell M, Iverson G, Ide T, Maroon J. Examining concussion Rates and return to Play in High School Football Players Wearing Newer Helmet technology: A Three-Year Prospective Cohort Study. Neurosurgery. Vol. 58 no. 2, 2006.
- 27) Crisco J, Fiore R, Beckwith J, et al. Frequency and Location of Head Impact Exposure in Individual Collegiate Football Players. Journal of Athletic Training, vol 45, no. 6, 2010.
- 28) Broglio S, Schnebel B, Sosnoff J, Shin S, Feng X, He X, Zimmerman J. Biomechanical Properties of Concussions in High School Football. Medicine and Science in Sport and Exercise. vol. 42 no. 11, 2010. http://www.medscape.com/viewarticle/730985_3
- 29) Broglio S, Sosnoff J, Shin S, He X, Alcaraz C, Zimmerman J. Journal of Athletic Training, Vol. 44 No. 4, 2009
- 30) Slobounov S, Sabastialelli W (Eds.) Foundations of Sport-Related Brain Injuries. Springer Science and Business Media, New York:NY 2006
- 31) Broglio S, Guskiewicz K. Concussion in Sports: The Sideline Assessment. Sports Health, vol. 1 no. F, 2009.
- 32) Guskiewicz KM, Bruce SL, Cantu RC et al. National Athletic Trainers' Association position statement: management of sport-related concussion. *J Athl Train.* 2004;29(3)
- 33) Valovich T, Perrin D, Gansneder B. Repeat Administration Elicits a Practice Effect With the Balance Error Scoring System but Not With the Standardized Assessment of Concussion in High School Athletes. Journal of Athletic Training. Volume 38 number one, 2003
- 34) Leddy J, et al. A Preliminary Study of Some Symptoms Threshold Exercise Training for Refractory Postconcussion Syndrome. Clinical Journal of Sport Medicine. Volume 20 issue one, 2010
- 35) Madkissi M, et al. Natural History of Concussion in Sport: Markers of Severity and Implications for Management. The American Journal of Sports Medicine. Volume 38 number three, 2010
- 36) Covassin T, Stearne D, Elbin III R. Concussion History and Postconcussion Neurocognitive Performance and Symptoms and Collegiate Athletes. Journal of Athletic Training. Volume 43, number two, 2008.
- 37) Covassin T, Elbin III R, Stiller-Ostrowski J, Kontos A. Immediate Postconcussion Assessment and Cognitive Testing (ImPACT) Practices of Sports Medicine Professionals. Journal of athletic training. Volume 44 number six, 2009

- 38) Sosnoff J, Broglio S, Suhghoon s, Ferrara M. Previous Mild Traumatic Brain Injury and Postural Control Dynamics. Journal of athletic training. Volume 46, number one, 2011
- 39) McGrath N. Supporting the Student Athletes Return to the Classroom after a Sport Related Concussion. Journal of Athletic Training, volume 45 number five, 2010.
- 40) Piland S, Ferrara M, Macciocchi S, Broglio S, Gould T. Investigation of Baseline Self-Report Concussion Symptoms Scores. Journal of athletic training, volume 45 number three, 2010.
- 41) Valovich McLeod T. The Value of Various Assessment Techniques in Detecting the Effects of Concussion on Cognition, Symptoms, and Postural Control. Journal of Athletic Training. Volume 44, number six, 2009.

Additional links

American Physical Therapy Association *Physical Therapist's Guide to Concussion*

<http://www.moveforwardpt.com/MoveForward/SymptomsConditionsDetail.aspx?cid=4f2ebb00-f1c0-4691-b2ab-742df8dff99>

New Iowa law concerning management of athlete brain injuries

http://www.iahsaa.org/Sports_Medicine_Wellness/Concussions/Iowa_Code_280_13C.pdf

Fact sheet about the new law

http://www.iahsaa.org/Sports_Medicine_Wellness/Concussions/HEADS_UP_CONCUSSION_FACT_SHEET_062011.pdf

Concussion management protocol from the Iowa High School Athletic Association and the Iowa Girls High School Athletic Union

http://www.iahsaa.org/Sports_Medicine_Wellness/Concussions/Concussion_Management_Protocol_2011.pdf

Free 5-10 minute on-line concussion course. Mick Koester, M.D., ATC, Chair of the NFHS Sports Medicine Advisory Committee and Director of Slocum Sports Concussion in Eugene, Oregon is the host of this course.

<http://www.nfhslern.com/electiveDetail.aspx?courseID=15000>

Brain Injury Association of America <http://www.biausa.org/>

National Federation of High School Associations www.NFHS.org

SCAT 2 concussion tool link. <http://sportconcussions.com/html/SCAT2.pdf>

Standardized Assessment of Concussion tool link

<http://www.csmisolutions.com/PDFS/SAC%20Informational%20Kit.pdf>

National Athletic Trainers Association [Http://www.NATA.com](http://www.NATA.com)

Iowa High School Athletic Association and Iowa Girls High School Athletic Union. Concussion management protocol. Available at <http://www.iahsaa.org/>

- http://www.iahsaa.org/Sports_Medicine_Wellness/Concussions/HEADS_UP_CONCUSSION_FACT_SHEET_06_2011.pdf
- http://www.iahsaa.org/Sports_Medicine_Wellness/Concussions/Concussion_Management_Protocol_2011.pdf

Centers for Disease Control and Prevention

- <http://www.cdc.gov/concussion/HeadsUp/youth.html>
- http://www.cdc.gov/ncipc/tbi/Coaches_Tool_Kit.htm

Brain Injury Association of New Jersey www.sportsconcussion.org

University of Pittsburgh Medical Centers Concussion Program

<http://www.upmc.com/MediaRelations/factsheets/Pages/ConcussionSportsMedBG.aspx>

National Operating Committee on Standards for Athletic Equipment

<http://www.nocsa.org/standards/documents.html>

Wisconsin Sport Concussion.org <http://www.wisportsconcussion.org/>

Purdue University Study: Functionally-Detected Cognitive Impairment in High School Football Players Without Clinically-Diagnosed Concussion

<http://www.liebertonline.com/doi/pdf/10.1089/neu.2010.1512>

Sports concussion web site: www.Sportsconcussions.org

Chronic Traumatic Encephalopathy

- <http://www.sportslegacy.org/index.php/science-a-medicine/chronic-traumatic-encephalopathy>
- <http://www.bu.edu/today/node/11495>

Hosseini A, Lifshitz J. Brain Injury Forces of Moderate Magnitude Elicit the Fencing Response. Medicine & Science in Sports & Exercise, volume 41 number 9, 2009

http://journals.lww.com/acsm-msse/Abstract/2009/09000/Brain_Injury_Forces_of_Moderate_Magnitude_Elicit.1.aspx