

Concussion

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Concussion, or mild traumatic brain injury, is the most common and least serious type of traumatic brain injury. Patients with concussion experience altered mental function but usually recover within three weeks, though in some cases symptoms persist. Thought to be milder type of diffuse axonal injury, concussion involves a transient loss of brain function. It can be caused by acceleration or deceleration forces, or by a direct blow. The most common mental faculties to be affected by concussion include memory, speed of information processing and reaction to stimuli, and attention. ([From the Wikipedia article Concussion](#).)

Recent Publications on Concussion:



- [The value of various assessment techniques in detecting the effects of concussion on cognition, symptoms, and postural control.](#)
*Plants continue to grow and generate new organs in symmetric patterns...*17th November, 2009
Department of Interdisciplinary Health Sciences, Arizona School of Health- J Athl Train. 2009 Nov-Dec;44(6):663-5. ([DOI Direct Link](#))
- [Immediate post-concussion assessment and cognitive testing \(ImPACT\) practices of sports medicine professionals.](#)
*CONTEXT: Computerized neurocognitive testing is becoming popular among...*17th November, 2009
105 IM Sports Circle, Michigan State University, East Lansing, MI 48823,- J Athl Train. 2009 Nov-Dec;44(6):639-44. ([DOI Direct Link](#))
- [Epidemiology of cheerleading stunt-related injuries in the United States.](#)
*CONTEXT: Cheerleading-related injuries are on the rise. To date, no...*17th November, 2009
Center for Injury Research and Policy, The Research Institute at- J Athl Train. 2009 Nov-Dec;44(6):586-94. ([DOI Direct Link](#))
- [Cheerleading-related injuries in the United States: a prospective surveillance study.](#)
*CONTEXT: Cheerleading injuries are on the rise and are a significant...*17th November, 2009
Center for Injury Research and Policy, The Research Institute at- J Athl Train. 2009 Nov-Dec;44(6):567-77. ([DOI Direct Link](#))
- [Consensus statement on concussion.](#)
*CONTEXT: Cheerleading injuries are on the rise and are a significant...*10th November, 2009
- Clin J Sport Med. 2009 Nov;19(6):512. ([DOI Direct Link](#))
- [Sport concussion assessment tool 2.](#)
*CONTEXT: Cheerleading injuries are on the rise and are a significant...*10th November, 2009
University- Scand J Med Sci Sports. 2009 Jun;19(3):452. ([DOI Direct Link](#))
- [Measuring Post-concussion Symptoms in Adolescents: Feasibility of Ecological Momentary Assessment.](#)
*Although there is a large literature examining head trauma in general,...*7th November, 2009

Department of Psychology, Syracuse University, Syracuse, NY, USA.- Arch Clin Neuropsychol. 2009 Nov 4. ([DOI Direct Link](#))

- [Evidence does not support concussion grading.](#)
*Although there is a large literature examining head trauma in general,...*4th November, 2009
- J Fam Pract. 2009 Oct;58(10):512.
- [Preinjury factors and 3-month outcomes following emergency department diagnosis of mild traumatic brain injury.](#)
*OBJECTIVE: To investigate the sequelae of mild traumatic brain injury...*28th October, 2009
Southern California Injury Prevention Research Center, University of- J Head Trauma Rehabil. 2009 Sep-Oct;24(5):344-54. ([DOI Direct Link](#))
- [Emergency department assessment of mild traumatic brain injury and the prediction of postconcussive symptoms: a 3-month prospective study.](#)
*OBJECTIVE: To investigate the utility of a brief emergency department (ED)...*28th October, 2009
Rehabilitation Medicine, St Vincent's Hospital, Victoria Street,- J Head Trauma Rehabil. 2009 Sep-Oct;24(5):333-43. ([DOI Direct Link](#))
- [10 years of evidence to guide physiotherapy interventions: Physiotherapy Evidence Database \(PEDro\).](#)
*Clinicians are increasingly using evidence from high quality clinical...*23rd October, 2009
University of Sydney, Australia.- Br J Sports Med. 2009 Oct 20. ([DOI Direct Link](#))
- [Women's rugby league injury claims and costs in New Zealand.](#)
*AIM: This paper provides an overview of the epidemiology of women's rugby...*23rd October, 2009
Hutt Valley District Health Board, New Zealand;- Br J Sports Med. 2009 Oct 21. ([DOI Direct Link](#))
- [Is there a Correlation between S100beta and Post-Concussion Symptoms after Mild Traumatic Brain Injury?](#)
*In the past a lot of patients suffered from post-concussive symptoms (PCS)...*21st October, 2009
Spital Oberengadin, Unfallchirurgische Klinik, CH-7503 Samedan, Schweiz.- Zentralbl Chir. 2009 Oct 19. ([DOI Direct Link](#))
- [Effects of a symptom-free waiting period on clinical outcome and risk of reinjury after sport-related concussion.](#)
*OBJECTIVE: This study is the first to investigate the influence of a...*17th October, 2009
Neuroscience Center, Waukesha Memorial Hospital, Waukesha, Wisconsin- Neurosurgery. 2009 Nov;65(5):876-82; discussion 882-3. ([DOI Direct Link](#))
- [Active rehabilitation for children who are slow to recover following sport-related concussion.](#)
*PRIMARY OBJECTIVE: To present an innovative approach to the management of...*17th October, 2009
Montreal Children's Hospital,- Brain Inj. 2009 Nov;23(12):956-64.

BioNews Results for Concussion

- [Medical News: Residential Design For Persons With Neurological Disability](#)
BioFind: Nov 20 2009 12:21PM Matching: concussion
- [NeuroRehabilitation: A one-stop resource for persons with neurodisabilities](#)
News-Medical.Net: Nov 19 2009 11:25AM Matching: concussion
- [Residential design for persons with neurological disability](#)
EurekAlert!: Nov 18 2009 8:27PM Matching: concussion
- [Residential design for persons with neurological disability](#)
Genetic Engineering News: Nov 18 2009 6:54PM Matching: concussion
- [Is Playing College Football Enough to Damage a Brain for Life?](#)
Discover Magazine: Oct 22 2009 9:54PM Matching: concussion
- [Women's rugby league injury claims and costs in New Zealand](#)
British Journal of Sports Medicine: Oct 22 2009 4:15AM Matching: concussion

- [A prospective study of punch biomechanics and cognitive function for amateur boxers](#)
British Journal of Sports Medicine: Oct 15 2009 12:49AM Matching: concussion



Concussion Patents:

- 7413552- [Method for subaqueous ultrasonic catastrophic irradiation of living tissue](#)
- 7491391- [Anti-IL-23 antibodies, compositions, methods and uses](#)
- 7494354- [Card edge connector with ejector](#)
- 7507709- [Synergistic effects of OP/BMP morphogens and GDNF/NGF neurotrophic factors](#)
- 7521446- [Haloaryl substituted aminopurines, compositions thereof, and methods of treatment therewith](#)
- 7524076- [Multi-functional law enforcement tool](#)
- 7526389- [Power management of a system for measuring the acceleration of a body part](#)
- 7527487- [Device for moulding mixtures](#)
- 7530315- [Weapon and weapon system employing the same](#)
- 7537063- [Thrush and white line medicinal delivery system](#)
- 7547687- [Therapeutic treatment methods](#)
- 7482334- [Therapeutic treatment methods](#)
- 7478917- [Pivoting flashlight](#)
- 7473687- [Methods for the treatment of a traumatic central nervous system injury](#)
- 7416888- [Cell lines](#)
- 7418879- [Latching inertial reel](#)
- 7419827- [Cell lines](#)
- 7433268- [Vessel hull transducer modular mounting system](#)
- 7433520- [Nosologic system of diagnosis](#)
- 7434785- [Shot tool entry system](#)
- 7442380- [Treatment of diseases caused by viral infection](#)
- 7456027- [Proteolytic biomarkers for traumatic injury to the nervous system](#)
- 7471978- [Brain function scan system](#)
- 7472531- [Adaptive riding pad apparatus and method](#)
- 7550488- [Application methods to rapidly alter disease and injury states using molecular transport of B6](#)
- 7550506- [Amino acid derived prodrugs of propofol, compositions and uses thereof](#)
- 7582786- [Synthetic catalytic free radical scavengers useful as antioxidants for prevention and therapy of disease](#)
- 7594572- [Conveying line with a driving roller](#)
- 7597276- [Ultra low flow spray head](#)
- 7600237- [Locking device of lift-top optical disc drive](#)
- 7605128- [Neurogenerative or neurotrophic factors for mitigating a symptom of ischemia](#)
- 7608406- [Diagnostic markers of stroke and cerebral injury and methods of use thereof](#)
- 7611858- [Detection of cannabinoid receptor biomarkers and uses thereof](#)
- 7613343- [Nosologic system of diagnosis](#)
- 7618621- [Mammalian multipotent neural stem cells and compositions, methods of preparation and methods of administration thereof](#)
- 7619005- [Methods for treating cognitive impairment in humans with Multiple Sclerosis](#)
- 7576127- [Aromatic prodrugs of propofol, compositions and uses thereof](#)

- 7575796- [Impact absorbing safety matting system with elastomeric sub-surface structure](#)
- 7575795- [Impact absorbing safety matting system with elastomeric sub-surface structure](#)
- 7552538- [Hoof balancer and limb alignment tool](#)
- 7556250- [Hazardous material detector for detecting hazardous material in a mailstream](#)
- 7560102- [Method for reducing neuronal degeneration so as to ameliorate the effects of injury or disease](#)
- 7560112- [Anti-il-6 antibodies, compositions, methods and uses](#)
- 7563467- [Use of an Opuntia ficus-indica extract and compounds isolated therefrom for protecting nerve cells](#)
- 7565193- [Questions and control paradigms for detecting deception by measuring brain activity](#)
- 7571727- [Molded foam mouthguard](#)
- 7572440- [Method for repairing a defect in an intervertebral disc](#)
- 7575023- [Disposable breakaway nozzle connector](#)
- 7575743- [Compositions and methods for the treatment and repair of defects or lesions in articular cartilage using synovial-derived tissue or cells](#)
- 7619110- [Amino acid derived prodrugs of propofol, compositions, uses and crystalline forms thereof](#)

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