

## All Papers from All Three Statements (Citation Order)

Citation	Reference Number	Running Total Reference Number	Statement
Harmon KG, Drezner JA, Gammons M, et al. American Medical Society for Sports Medicine position statement: concussion in sport. <i>Br J Sports Med</i> . 2013;47:15–26.	1	1	AMSSM
Ebell MH, Siwek J, Weiss BD, et al. Strength of recommendation taxonomy (SORT): a patient-centered approach to grading evidence in the medical literature. <i>Am Fam Physician</i> . 2004;69:548–556.	2	2	AMSSM
McCroly P, Meeuwisse W, Dvorak J, et al. Consensus statement on concussion in sport—the 5(th) international conference on concussion in sport held in Berlin. <i>Br J Sports Med</i> 2016;51:838–47.	3	3	AMSSM
McCroly P, Feddermann-Demont N, Dvorák J, et al. What is the definition of sports-related concussion: a systematic review. <i>Br J Sports Med</i> . 2017;51:877–887.	4	4	AMSSM
Barkhoudarian G, Hovda DA, Giza CC. The molecular pathophysiology of concussive brain injury. <i>Clin Sports Med</i> . 2011;30:33–48, vii–iii.	5	5	AMSSM
Maugans, T. A., Farley, C., Altaye, M., Leach, J., & Cecil, K. M. (2012). Pediatric sports-related concussion produces cerebral blood flow alterations. <i>Pediatrics</i> , 129(1), 28–37. <a href="http://doi.org/10.1542/peds.2011-2083">http://doi.org/10.1542/peds.2011-2083</a>	6	6	AMSSM
Meier, T. B., Bellgowan, P. S. F., Singh, R., Kuplicki, R., Polanski, D. W., & Mayer, A. R. (2015). Recovery of cerebral blood flow following sports-related concussion. <i>JAMA Neurology</i> , 72(5), 530–538. <a href="http://doi.org/10.1001/jamaneurol.2014.4778">http://doi.org/10.1001/jamaneurol.2014.4778</a>	7	7	AMSSM
Vagnozzi, R., Tavazzi, B., Signoretti, S., Amorini, A. M., Belli, A., Cimatti, M., et al. (2007). Temporal window of metabolic brain vulnerability to concussions: mitochondrial-related impairment—part I. <i>Neurosurgery</i> , 61(2), 379–88—discussion 388–9. <a href="http://doi.org/10.1227/01.NEU.0000280002.41696.D8">http://doi.org/10.1227/01.NEU.0000280002.41696.D8</a>	8	8	AMSSM
Vagnozzi, R., Signoretti, S., Tavazzi, B., Floris, R., Ludovici, A., Marziali, S., et al. (2008). Temporal window of metabolic brain vulnerability to concussion: a pilot 1H-magnetic resonance spectroscopic study in concussed athletes—part III. <i>Neurosurgery</i> , 62(6), 1286–95—discussion 1295–6. <a href="http://doi.org/10.1227/01.neu.0000333300.34189.74">http://doi.org/10.1227/01.neu.0000333300.34189.74</a>	9	9	AMSSM
Longhi, L., Saatman, K. E., Fujimoto, S., Raghupathi, R., Meaney, D. F., Davis, J., ... McIntosh, T. K. (2005). Temporal Window of Vulnerability to Repetitive Experimental Concussive Brain Injury. <i>Neurosurgery</i> , 56(2), 364–374. <a href="https://doi.org/10.1227/01.neu.0000149008.73513.44">doi:10.1227/01.neu.0000149008.73513.44</a>	10	10	AMSSM
Bryan MA, Rowhani-Rahbar A, Comstock RD, et al; Seattle Sports Concussion Research Collaborative. Sports- and recreation-related concussions in US youth. <i>Pediatrics</i> . 2016;138:e20154635.	11	11	AMSSM

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Kerr, Z. Y., Roos, K. G., Djoko, A., Dalton, S. L., Broglio, S. P., Marshall, S. W., & Dompier, T. P. (2017). Epidemiologic Measures for Quantifying the Incidence of Concussion in National Collegiate Athletic Association Sports. <i>Journal of Athletic Training</i> , 52(3), 167–174. <a href="http://doi.org/10.4085/1062-6050-51.6.05">http://doi.org/10.4085/1062-6050-51.6.05</a>	12	12	AMSSM
Tsushima, W. T., Siu, A. M., Ahn, H. J., Chang, B. L., & Murata, N. M. (2019). Incidence and Risk of Concussions in Youth Athletes: Comparisons of Age, Sex, Concussion History, Sport, and Football Position. <i>Archives of Clinical Neuropsychology : the Official Journal of the National Academy of Neuropsychologists</i> , 34(1), 60–69. <a href="http://doi.org/10.1093/arclin/acy019">http://doi.org/10.1093/arclin/acy019</a>	13	13	AMSSM
Bretzin, A. C., Covassin, T., Fox, M. E., Petit, K. M., Savage, J. L., Walker, L. F., & Gould, D. (2018). Sex Differences in the Clinical Incidence of Concussions, Missed School Days, and Time Loss in High School Student-Athletes: Part 1. <i>The American Journal of Sports Medicine</i> , 46(9), 2263–2269. <a href="http://doi.org/10.1177/0363546518778251">http://doi.org/10.1177/0363546518778251</a>	14	14	AMSSM
Barr, W. B., & McCrea, M. (2001). Sensitivity and specificity of standardized neurocognitive testing immediately following sports concussion. <i>Journal of the International Neuropsychological Society</i> , 7(6), 693–702. <a href="http://doi.org/10.1017/s1355617701766052">http://doi.org/10.1017/s1355617701766052</a>	15	15	AMSSM
Barr, W. B., Prichep, L. S., Chabot, R., Powell, M. R., & McCrea, M. (2012). Measuring brain electrical activity to track recovery from sport-related concussion. <i>Brain Injury : [BI]</i> , 26(1), 58–66. <a href="http://doi.org/10.3109/02699052.2011.608216">http://doi.org/10.3109/02699052.2011.608216</a>	16	16	AMSSM
McCrea, M., Kelly, J. P., Randolph, C., Cisler, R., & Berger, L. (2002). Immediate neurocognitive effects of concussion. <i>Neurosurgery</i> , 50(5), 1032–40– discussion 1040–2. <a href="http://doi.org/10.1097/00006123-200205000-00017">http://doi.org/10.1097/00006123-200205000-00017</a>	17	17	AMSSM
McCrea M. Standardized mental status assessment of sports concussion. <i>Clin J Sport Med</i> . 2001;11:176–181.	18	18	AMSSM
McCrea, M., Barr, W. B., Guskiewicz, K., Randolph, C., Marshall, S. W., Cantu, R., et al. (2005). Standard regression-based methods for measuring recovery after sport-related concussion. <i>Journal of the International Neuropsychological Society</i> , 11(1), 58–69. <a href="http://doi.org/10.1017/S1355617705050083">http://doi.org/10.1017/S1355617705050083</a>	19	19	AMSSM
Marinides, Z., Galetta, K. M., Andrews, C. N., Wilson, J. A., Herman, D. C., Robinson, C. D., et al. (2015). Vision testing is additive to the sideline assessment of sports-related concussion. <i>Neurology. Clinical Practice</i> , 5(1), 25–34. <a href="http://doi.org/10.1212/CPJ.0000000000000060">http://doi.org/10.1212/CPJ.0000000000000060</a>	20	20	AMSSM
Galetta, K. M., Morganroth, J., Moehringer, N., Mueller, B., Hasanaj, L., Webb, N., et al. (2015). Adding Vision to Concussion Testing: A Prospective Study of Sideline Testing in Youth and Collegiate Athletes. <i>Journal of Neuro-Ophthalmology : the Official Journal of the North American Neuro-Ophthalmology Society</i> , 35(3), 235–241. <a href="http://doi.org/10.1097/WNO.0000000000000226">http://doi.org/10.1097/WNO.0000000000000226</a>	21	21	AMSSM

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Putukian, M., Echemendia, R., Dettwiler-Danspeckgruber, A., Duliba, T., Bruce, J., Furtado, J. L., & Murugavel, M. (2015). Prospective clinical assessment using Sideline Concussion Assessment Tool-2 testing in the evaluation of sport-related concussion in college athletes. <i>Clinical Journal of Sport Medicine : Official Journal of the Canadian Academy of Sport Medicine</i> , 25(1), 36–42. <a href="http://doi.org/10.1097/JSM.000000000000102">http://doi.org/10.1097/JSM.000000000000102</a>	22	22	AMSSM
Chin, E. Y., Nelson, L. D., Barr, W. B., McCrory, P., & McCrea, M. A. (2016). Reliability and Validity of the Sport Concussion Assessment Tool-3 (SCAT3) in High School and Collegiate Athletes. <i>The American Journal of Sports Medicine</i> , 44(9), 2276–2285. <a href="http://doi.org/10.1177/0363546516648141">http://doi.org/10.1177/0363546516648141</a>	23	23	AMSSM
Seidman, D. H., Burlingame, J., Yousif, L. R., Donahue, X. P., Krier, J., Rayes, L. J., et al. (2015). Evaluation of the King-Devick test as a concussion screening tool in high school football players. <i>Journal of the Neurological Sciences</i> , 356(1-2), 97–101. <a href="http://doi.org/10.1016/j.jns.2015.06.021">http://doi.org/10.1016/j.jns.2015.06.021</a>	24	24	AMSSM
Dompier, T. P., Kerr, Z. Y., Marshall, S. W., Hainline, B., Snook, E. M., Hayden, R., & Simon, J. E. (2015). Incidence of Concussion During Practice and Games in Youth, High School, and Collegiate American Football Players. <i>JAMA Pediatrics</i> , 169(7), 659–665. <a href="http://doi.org/10.1001/jamapediatrics.2015.0210">http://doi.org/10.1001/jamapediatrics.2015.0210</a>	25	25	AMSSM
Houck, Z., Asken, B., Bauer, R., Pothast, J., Michaudet, C., & Clugston, J. (2016). Epidemiology of Sport-Related Concussion in an NCAA Division I Football Bowl Subdivision Sample. <i>The American Journal of Sports Medicine</i> , 44(9), 2269–2275. <a href="http://doi.org/10.1177/0363546516645070">http://doi.org/10.1177/0363546516645070</a>	26	26	AMSSM
Galetta, K. M., Brandes, L. E., Maki, K., Dziemianowicz, M. S., Laudano, E., Allen, M., et al. (2011). The King-Devick test and sports-related concussion: study of a rapid visual screening tool in a collegiate cohort. <i>Journal of the Neurological Sciences</i> , 309(1-2), 34–39. <a href="http://doi.org/10.1016/j.jns.2011.07.039">http://doi.org/10.1016/j.jns.2011.07.039</a>	27	27	AMSSM
Leong DF, Balcer LJ, Galetta SL, et al. The King-Devick test for sideline concussion screening in collegiate football. <i>J Optom</i> . 2015;8:131–139.	28	28	AMSSM
Dhawan, P. S., Leong, D., Tapsell, L., Starling, A. J., Galetta, S. L., Balcer, L. J., et al. (2017). King-Devick Test identifies real-time concussion and asymptomatic concussion in youth athletes. <i>Neurology. Clinical Practice</i> , 7(6), 464–473. <a href="http://doi.org/10.1212/CPJ.0000000000000381">http://doi.org/10.1212/CPJ.0000000000000381</a>	29	29	AMSSM
Bernhardt D, Roberts W, eds. <i>Preparticipation Physical Evaluation Monograph</i> . 4th ed. Chicago, IL: American Academy of Pediatrics; 2010.	30	30	AMSSM
National Collegiate Athletic Association (NCAA). <i>Interassociation Consensus: Diagnosis and Management of Sport-Related Concussion Best Practices</i> . Indianapolis, IN; 2016.	31	31	AMSSM
Herring SA, Cantu RC, Guskiewicz KM, et al. Concussion (mild traumatic brain injury) and the team physician: a consensus statement— 2011 update. <i>Med Sci Sports Exerc</i> . 2011;43:2412–2422.	32	32	AMSSM

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Broglio, S. P., Katz, B. P., Zhao, S., McCrea, M., McAllister, T., CARE Consortium Investigators. (2018). Test-Retest Reliability and Interpretation of Common Concussion Assessment Tools: Findings from the NCAA-DoD CARE Consortium. <i>Sports Medicine</i> , 48(5), 1255–1268. <a href="http://doi.org/10.1007/s40279-017-0813-0">http://doi.org/10.1007/s40279-017-0813-0</a>	33	33	AMSSM
Nelson LD, LaRoche AA, Pfaller AY, et al. Prospective, head-to-head study of three computerized neurocognitive assessment tools (CNTs): reliability and validity for the assessment of sport-related concussion. <i>J Int Neuropsychol Soc</i> . 2016;22:24–37.	34	34	AMSSM
Tucker, R., Raftery, M., Fuller, G. W., Hester, B., Kemp, S., & Cross, M. J. (2017). A video analysis of head injuries satisfying the criteria for a head injury assessment in professional Rugby Union: a prospective cohort study. <i>British Journal of Sports Medicine</i> , 51(15), 1147–1151. <a href="http://doi.org/10.1136/bjsports-2017-097883">http://doi.org/10.1136/bjsports-2017-097883</a>	35	35	AMSSM
Fuller, G. W., Kemp, S. P. T., & Raftery, M. (2017). The accuracy and reproducibility of video assessment in the pitch-side management of concussion in elite rugby. <i>Journal of Science and Medicine in Sport / Sports Medicine Australia</i> , 20(3), 246–249. <a href="http://doi.org/10.1016/j.jsams.2016.07.008">http://doi.org/10.1016/j.jsams.2016.07.008</a>	36	36	AMSSM
Echemendia, R. J., Bruce, J. M., Meeuwisse, W., Hutchison, M. G., Comper, P., & Aubry, M. (2018). Can visible signs predict concussion diagnosis in the National Hockey League? <i>British Journal of Sports Medicine</i> , 52(17), 1149–1154. <a href="http://doi.org/10.1136/bjsports-2016-097090">http://doi.org/10.1136/bjsports-2016-097090</a>	37	37	AMSSM
Patricios, J., Fuller, G. W., Ellenbogen, R., Herring, S., Kutcher, J. S., Loosemore, M., et al. (2017). What are the critical elements of sideline screening that can be used to establish the diagnosis of concussion? A systematic review. <i>British Journal of Sports Medicine</i> , 51(11), 888–894. <a href="http://doi.org/10.1136/bjsports-2016-097441">http://doi.org/10.1136/bjsports-2016-097441</a>	38	38	AMSSM
Randolph, C., McCrea, M., & Barr, W. B. (2005). Is neuropsychological testing useful in the management of sport-related concussion? <i>Journal of Athletic Training</i> , 40(3), 139–152.	39	39	AMSSM
Garcia, G.-G. P., Broglio, S. P., Lavieri, M. S., McCrea, M., McAllister, T., CARE Consortium Investigators. (2018). Quantifying the Value of Multidimensional Assessment Models for Acute Concussion: An Analysis of Data from the NCAA-DoD Care Consortium. <i>Sports Medicine</i> , 48(7), 1739–1749. <a href="http://doi.org/10.1007/s40279-018-0880-x">http://doi.org/10.1007/s40279-018-0880-x</a>	40	40	AMSSM
Echemendia RJ, Meeuwisse W, McCrory P, et al. The Sport Concussion Assessment Tool 5th Edition (SCAT5): background and rationale. <i>Br J Sports Med</i> . 2017;51:848–850.	41	41	AMSSM
Davis GA, Purcell L, Schneider KJ, et al. The Child Sport Concussion Assessment Tool 5th Edition (Child SCAT5): Background and rationale. <i>Br J Sports Med</i> 2017;51:859–61	42	42	AMSSM

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Norheim, N., Kissinger-Knox, A., Cheatham, M., & Webbe, F. (2018). Performance of college athletes on the 10-item word list of SCAT5. <i>BMJ Open Sport &amp; Exercise Medicine</i> , 4(1), e000412. <a href="http://doi.org/10.1136/bmjsem-2018-000412">http://doi.org/10.1136/bmjsem-2018-000412</a>	43	43	AMSSM
Kamins J, Bigler E, Covassin T, et al. What is the physiological time to recovery after concussion? A systematic review. <i>Br J Sports Med</i> 2017;51:935–40.	44	44	AMSSM
Valovich McLeod, T. C., & Hale, T. D. (2015). Vestibular and balance issues following sport-related concussion. <i>Brain Injury : [BI]</i> , 29(2), 175–184. <a href="http://doi.org/10.3109/02699052.2014.965206">http://doi.org/10.3109/02699052.2014.965206</a>	45	45	AMSSM
Mucha, A., Collins, M. W., Elbin, R. J., Furman, J. M., Troutman-Enseki, C., DeWolf, R. M., et al. (2014). A Brief Vestibular/Ocular Motor Screening (VOMS) Assessment to Evaluate Concussions. <i>The American Journal of Sports Medicine</i> , 42(10), 2479–2486. <a href="http://doi.org/10.1177/0363546514543775">http://doi.org/10.1177/0363546514543775</a>	46	46	AMSSM
Eckner, J. T., Kutcher, J. S., Broglio, S. P., & Richardson, J. K. (2013). Effect of sport-related concussion on clinically measured simple reaction time. <i>British Journal of Sports Medicine</i> , 48(2), 112–118. <a href="http://doi.org/10.1136/bjsports-2012-091579">http://doi.org/10.1136/bjsports-2012-091579</a>	47	47	AMSSM
O'Connor KL, Rowson S, Duma SM, Broglio SP. Head-Impact–Measurement Devices: A Systematic Review. <i>J Athl Train</i> . 2017;52(3):206–227. doi:10.4085/1062-6050.52.2.05.	48	48	AMSSM
Broglio SP, Lapointe A, O'Connor KL, et al. Head impact density: a model to explain the elusive concussion threshold. <i>J Neurotrauma</i> . 2017;34:2675–2683.	49	49	AMSSM
McCrea M, Meier T, Huber D, et al. Role of advanced neuroimaging, fluid biomarkers and genetic testing in the assessment of sport-related concussion: a systematic review. <i>Br J Sports Med</i> . 2017;51:919–929.	50	50	AMSSM
Collins MW, Kontos AP, Okonkwo DO, et al. Statements of agreement from the Targeted Evaluation and Active Management (TEAM) approaches to treating concussion meeting held in Pittsburgh, October 15–16, 2015. <i>Neurosurgery</i> . 2016;79:912–929.	51	51	AMSSM
Ellis MJ, Leddy JJ, Willer B. Physiological, vestibulo-ocular and cervicogenic post-concussion disorders: an evidence-based classification system with directions for treatment. <i>Brain Inj</i> . 2015;29:238–248.	52	52	AMSSM
Collins MW, Kontos AP, Reynolds E, et al. A comprehensive, targeted approach to the clinical care of athletes following sport-related concussion. <i>Knee Surg Sports Traumatol Arthrosc</i> . 2014;22:235–246	53	53	AMSSM
Feddermann-Demont N, Echemendia RJ, Schneider KJ, et al. What domains of clinical function should be assessed after sport-related concussion? A systematic review. <i>Br J Sports Med</i> . 2017;51:903–918.	54	54	AMSSM

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McCrea M, Guskiewicz K, Randolph C, et al. Incidence, clinical course, and predictors of prolonged recovery time following sport-related concussion in high school and college athletes. <i>J Int Neuropsychol Soc.</i> 2013;19:22–33.	55	55	AMSSM
Zemek, R., Barrowman, N., Freedman, S. B., Gravel, J., Gagnon, I., McGahern, C., et al. (2016). Clinical Risk Score for Persistent Postconcussion Symptoms Among Children With Acute Concussion in the ED. <i>JAMA: the Journal of the American Medical Association</i> , 315(10), 1014–12. <a href="http://doi.org/10.1001/jama.2016.1203">http://doi.org/10.1001/jama.2016.1203</a>	56	56	AMSSM
McCrea, M., Guskiewicz, K., Randolph, C., Barr, W. B., Hammeke, T. A., Marshall, S. W., ... & Kelly, J. P. (2013). Incidence, clinical course, and predictors of prolonged recovery time following sport-related concussion in high school and college athletes. <i>Journal of the International Neuropsychological Society: JINS</i> , 19(1), 22.	57	57	AMSSM
Leddy, J. J., Hinds, A. L., Miecznikowski, J., Darling, S., Matuszak, J., Baker, J. G., et al. (2018). Safety and Prognostic Utility of Provocative Exercise Testing in Acutely Concussed Adolescents: A Randomized Trial. <i>Clinical Journal of Sport Medicine : Official Journal of the Canadian Academy of Sport Medicine</i> , 28(1), 13–20. <a href="http://doi.org/10.1097/JSM.0000000000000431">http://doi.org/10.1097/JSM.0000000000000431</a>	58	58	AMSSM
Schneider KJ, Leddy JJ, Guskiewicz KM, et al. Rest and treatment/ rehabilitation following sport-related concussion: a systematic review. <i>Br J Sports Med.</i> 2017;51:930–934.	59	59	AMSSM
Schneider KJ, Iverson GL, Emery CA, et al. The effects of rest and treatment following sport-related concussion: a systematic review of the literature. <i>Br J Sports Med.</i> 2013;47:304–307.	60	60	AMSSM
Griesbach GS, Hovda DA, Molteni R, Wu A, Gomez-Pinilla F. Voluntary exercise following traumatic brain injury: brain-derived neurotrophic factor upregulation and recovery of function. <i>Neuroscience.</i> 2004;125(1):129-139. <a href="https://doi.org/10.1016/j.neuroscience.2004.01.030">doi:10.1016/j.neuroscience.2004.01.030</a> .	61	61	AMSSM
Griesbach GS, Tio DL, Vincelli J, et al. Differential effects of voluntary and forced exercise on stress responses after traumatic brain injury. <i>J Neurotrauma.</i> 2012;29:1426–1433.	62	62	AMSSM
Griesbach GS, Tio DL, Nair S, et al. Recovery of stress response coincides with responsiveness to voluntary exercise after traumatic brain injury. <i>J Neurotrauma.</i> 2014;31:674–682.	63	63	AMSSM
Mychasiuk R, Hehar H, Ma I, et al. Reducing the time interval between concussion and voluntary exercise restores motor impairment, short- term memory, and alterations to gene expression. <i>Eur J Neurosci.</i> 2016; 44:2407–2417.	64	64	AMSSM
Thomas DG, Apps JN, Hoffmann RG, McCrea M, Hammeke T. Benefits of strict rest after acute concussion: a randomized controlled trial. <i>Pediatrics.</i> 2015;135(2):213-223. <a href="https://doi.org/10.1542/peds.2014-0966">doi:10.1542/peds.2014-0966</a> .	65	65	AMSSM

## All Papers from All Three Statements (Citation Order)

Grool AM, Aglipay M, Momoli F, et al. Association Between Early Participation in Physical Activity Following Acute Concussion and Persistent Postconcussive Symptoms in Children and Adolescents. <i>JAMA</i> . 2016;316(23):2504-2514. doi:10.1001/jama.2016.17396.	66	66	AMSSM
1. Leddy JJ, Kozlowski K, Fung M, Pendergast DR, Willer B. Regulatory and autoregulatory physiological dysfunction as a primary characteristic of post concussion syndrome: implications for treatment. <i>NeuroRehabilitation</i> . 2007;22(3):199-205.	67	67	AMSSM
Clausen M, Pendergast DR, Willer B, et al. Cerebral blood flow during treadmill exercise is a marker of physiological postconcussion syndrome in female athletes. <i>J Head Trauma Rehabil</i> . 2016;31:215–224	68	68	AMSSM
1. Besnier F, Labrunée M, Pathak A, et al. Exercise training-induced modification in autonomic nervous system: An update for cardiac patients. <i>Ann Phys Rehabil Med</i> . 2017;60(1):27-35. doi:10.1016/j.rehab.2016.07.002.	69	69	AMSSM
1. Erickson KI, Voss MW, Prakash RS, et al. Exercise training increases size of hippocampus and improves memory. <i>Proc Natl Acad Sci USA</i> . 2011;108(7):3017-3022. doi:10.1073/pnas.1015950108.	70	70	AMSSM
1. Lawrence DW, Richards D, Comper P, Hutchison MG. Earlier time to aerobic exercise is associated with faster recovery following acute sport concussion. Janigro D, ed. <i>PLoS ONE</i> . 2018;13(4):e0196062–12. doi:10.1371/journal.pone.0196062.	71	71	AMSSM
Leddy JJ, Haider MN, Hinds AL, Darling S, Willer BS. A Preliminary Study of the Effect of Early Aerobic Exercise Treatment for Sport-Related Concussion in Males. <i>Clin J Sport Med</i> . 2019;29(5):353-360. doi:10.1097/JSM.0000000000000663.	72	72	AMSSM
Oliver JM, Anzalone AJ, Turner SM. Protection Before Impact: the Potential Neuroprotective Role of Nutritional Supplementation in Sports-Related Head Trauma. <i>Sports Medicine</i> . 2018;48(Suppl 1):39-52. doi:10.1007/s40279-017-0847-3.	73	73	AMSSM
Trojan TH, Wang DH, Leddy JJ. Nutritional supplements for the treatment and prevention of sports-related concussion-evidence still lacking. <i>Curr Sports Med Rep</i> . 2017;16:247–255.	74	74	AMSSM
Ashbaugh, A., & McGrew, C. (2016). The Role of Nutritional Supplements in Sports Concussion Treatment. <i>Current Sports Medicine Reports</i> , 15(1), 16–19. <a href="http://doi.org/10.1249/JSR.0000000000000219">http://doi.org/10.1249/JSR.0000000000000219</a>	75	75	AMSSM
Oliver JM, Jones MT, Kirk KM, et al. Effect of docosahexaenoic acid on a biomarker of head trauma in American football. <i>Med Sci Sports Exerc</i> . 2016;48:974–982.	76	76	AMSSM
Makdissi M, Schneider KJ, Feddermann-Demont N, et al. Approach to investigation and treatment of persistent symptoms following sport-related concussion: a systematic review. <i>Br J Sports Med</i> . 2017;51:958–968.	77	77	AMSSM



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Leddy JJ, Baker JG, Kozlowski K, et al. Reliability of a graded exercise test for assessing recovery from concussion. <i>Clin J Sport Med.</i> 2011;21:89–94.	78	78	AMSSM
Leddy JJ, Kozlowski K, Donnelly JP, et al. A preliminary study of subsymptom threshold exercise training for refractory post-concussion syndrome. <i>Clin J Sport Med.</i> 2010;20:21–27.	79	79	AMSSM
Ellis, M. J., Leddy, J., & Willer, B. (2016). Multi-Disciplinary Management of Athletes with Post-Concussion Syndrome: An Evolving Pathophysiological Approach. <i>Frontiers in Neurology</i> , 7, 136. <a href="http://doi.org/10.3389/fneur.2016.00136">http://doi.org/10.3389/fneur.2016.00136</a>	80	80	AMSSM
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Broglio, S. P., Collins, M. W., Williams, R. M., Mucha, A., & Kontos, A. P. (2015). Current and emerging rehabilitation for concussion: a review of the evidence. <i>Clinics in Sports Medicine</i> , 34(2), 213–231. <a href="http://doi.org/10.1016/j.csm.2014.12.005">http://doi.org/10.1016/j.csm.2014.12.005</a>	82	82	AMSSM
Schneider KJ, Meeuwisse WH, Nettel-Aguirre A, et al. Cervicovestibular rehabilitation in sport-related concussion: a randomised controlled trial. <i>Br J Sports Med</i> 2014;48:1294–8.	83	83	AMSSM
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Schmidt, J. D., Hoffman, N. L., Ranchet, M., Miller, L. S., Tomporowski, P. D., Akinwuntan, A. E., & Devos, H. (2017). Driving after Concussion: Is It Safe To Drive after Symptoms Resolve? <i>Journal of Neurotrauma</i> , 34(8), 1571–1578. <a href="http://doi.org/10.1089/neu.2016.4668">http://doi.org/10.1089/neu.2016.4668</a>	91	91	AMSSM
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Asken, B. M., McCrea, M. A., Clugston, J. R., Snyder, A. R., Houck, Z. M., & Bauer, R. M. (2016). "Playing Through It": Delayed Reporting and Removal From Athletic Activity After Concussion Predicts Prolonged Recovery. <i>Journal of Athletic Training</i> , 51(4), 329–335. <a href="http://doi.org/10.4085/1062-6050-51.5.02">http://doi.org/10.4085/1062-6050-51.5.02</a>	93	93	AMSSM
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McCrea, M., Kelly, J. P., Kluge, J., Ackley, B., & Randolph, C. (1997). Standardized assessment of concussion in football players. <i>Neurology</i> , 48(3), 586-588.	11	139	ICCCS
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Collie A, Maruff P. Computerised neuropsychological testing. <i>Br J Sports Med</i> 2003;37:2–3.	13	141	ICCCS
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Broglio SP, Macciocchi SN, Ferrara MS. Sensitivity of the concussion assessment battery. <i>Neurosurgery</i> 2007;60:1050–7–7–8.	21	149	ICCCS
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Theye F, Mueller KA. "Heads up": concussions in high school sports. Clin Med Res 2004;2:165–71.	37	165	ICCCS

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Kaut KP, DePompei R, Kerr J, et al. Reports of head injury and symptom knowledge among college athletes: implications for assessment and educational intervention. <i>Clin J Sport Med</i> 2003;13:213–21.	40	168	ICCCS
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McCrorry, Paul, et al. "Consensus statement on concussion in sport—the 4th International Conference on Concussion in Sport held in Zurich, November 2012." <i>PM&amp;R</i> 5.4 (2013): 255-279.	7	181	NATA
Ebell MH, Siwek J, Weiss BD, et al. Strength of recommendation taxonomy (SORT): a patient-centered approach to grading evidence in the medical literature. <i>Am Fam Physician</i> . 2004;69(3):548–556.	8	182	NATA
Lovell MR, Collins MW, Iverson GL, Johnston KM, Bradley JP. Grade 1 or “ding” concussions in high school athletes. <i>Am J Sports Med</i> . 2004;32(1):47–54.	9	183	NATA
Valovich Mcleod TC, Schwartz C, Bay RC. Sport-related concussion misunderstandings among youth coaches. <i>Clin J Sport Med</i> . 2007;17(2):140–142.	10	184	NATA
Sarmiento K, Mitchko J, Klein C, Wong S. Evaluation of the Centers for Disease Control and Prevention’s concussion initiative for high school coaches: “Heads Up: Concussion in High School Sports.” <i>J Sch Health</i> . 2010;80(3):112–118.	11	185	NATA
Glang A, Koester MC, Beaver SV, Clay JE, McLaughlin KA. Online training in sports concussion for youth sports coaches. <i>Int J Sports Sci Coach</i> . 2010;5(1):1–12.	12	186	NATA
Schmidt JD, Register-Mihalik JK, Mihalik JP, Kerr ZY, Guskiewicz KM. Identifying impairments after concussion: normative data versus individualized baselines. <i>Med Sci Sports Exerc</i> . 2012;44(9):1621–1628.	13	187	NATA
Randolph C. Baseline neuropsychological testing in managing sport-related concussion: does it modify risk? <i>Curr Sports Med Rep</i> . 2011;10(1):21–26.	14	188	NATA
Yakovlev PI, Lecours AR. The myelogenetic cycles of regional maturation of the brain. In: Minkowski A, ed. <i>Regional Development of the Brain in Early Life</i> . Philadelphia, PA: FA Davis; 1967:3–70	15	189	NATA
Hunt TN, Ferrara MS. Age-related differences in neuropsychological testing among high school athletes. <i>J Athl Train</i> 2009;44(4):405–409.	16	190	NATA
Fields RD. White matter in learning, cognition and psychiatric disorders. <i>Trends Neurosci</i> . 2008;31(7):361–370.	17	191	NATA
Broglio SP, Puetz TW. The effect of sport concussion on neurocognitive function, self-report symptoms, and postural control: a meta-analysis. <i>Sports Med</i> . 2008;38(1):53–67.	18	192	NATA
Broglio SP, Macciocchi SN, Ferrara MS. Sensitivity of the concussion assessment battery. <i>Neurosurgery</i> . 2007;60(6):1050–	19	193	NATA
McCrea M, Barr WB, Guskiewicz K, et al. Standard regression-based methods for measuring recovery after sport-related concussion. <i>J Int Neuropsychol Soc</i> . 2005;11(1):58–69.	20	194	NATA

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Moser, R. S., Schatz, P., Neidzowski, K., & Ott, S. D. (2011). Group versus individual administration affects baseline neurocognitive test performance. <i>The American Journal of Sports Medicine</i> , 39(11), 2325–2330. <a href="http://doi.org/10.1177/0363546511417114">http://doi.org/10.1177/0363546511417114</a>	21	195	NATA
McCrea M. Standardized mental status testing on the sideline after sport-related concussion. <i>J Athl Train</i> . 2001;36(3):274–279.	22	196	NATA
McCrea, M. (2001). Standardized mental status assessment of sports concussion. <i>Clinical Journal of Sport Medicine</i> , 11(3), 176–181. <a href="http://doi.org/10.1097/00042752-200107000-00008">http://doi.org/10.1097/00042752-200107000-00008</a>	23	197	NATA
Ragan BG, Kang M. Measurement issues in concussion testing. <i>Athl Ther Today</i> . 2007;12(5):2–6.	24	198	NATA
Moser RS, Iverson GL, Echemendia RJ, et al. Neuropsychological evaluation in the diagnosis and management of sports-related concussion. <i>Arch Clin Neuropsychol</i> . 2007;22(8):909–916.	25	199	NATA
Oliaro S, Anderson S, Hooker D. Management of cerebral concussion in sports: the athletic trainer's perspective. <i>J Athl Train</i> . 2001;36(3):257–262.	26	200	NATA
Halstead DP. Performance testing updates in head, face, and eye protection. <i>J Athl Train</i> . 2001;36(3):322–327	27	201	NATA
Herring SA, Cantu RC, Guskiewicz KM, et al; American College of Sports Medicine. Concussion (mild traumatic brain injury) and the team physician: a consensus statement. 2011 update. <i>Med Sci Sports Exerc</i> . 2011;43(12):2412–2422.	28	202	NATA
Benson BW, Hamilton GM, Meeuwisse WH, McCrory P, Dvorak J. Is protective equipment useful in preventing concussion? A systematic review of the literature. <i>Br J Sports Med</i> . 2009;43(suppl 1):i56–i67.	29	203	NATA
Hagel BE, Pless IB, Goulet C, Platt RW, Robitaille Y. Effectiveness of helmets in skiers and snowboarders: case-control and case crossover study. <i>BMJ</i> . 2005;330(7486):281.	30	204	NATA
Mueller BA, Cummings P, Rivara FP, Brooks MA, Terasaki RD. Injuries of the head, face, and neck in relation to ski helmet use. <i>Epidemiology</i> . 2008;19(2):270–276.	31	205	NATA
Mueller, B. A., Cummings, P., Rivara, F. P., Brooks, M. A., & Terasaki, R. D. (2008). Injuries of the head, face, and neck in relation to ski helmet use. <i>Epidemiology (Cambridge, Mass.)</i> , 19(2), 270–276. <a href="http://doi.org/10.1097/EDE.0b013e318163567c">http://doi.org/10.1097/EDE.0b013e318163567c</a>	32	206	NATA
Curnow WJ. Bicycle helmets and public health in Australia. <i>Health Promot J Austr</i> . 2008;19(1):10–15.	33	207	NATA
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Field M, Collins MW, Lovell MR, Maroon J. Does age play a role in recovery from sports-related concussion? A comparison of high school and collegiate athletes. <i>J Pediatr.</i> 2003;142(5):546–553.	36	210	NATA
Pellman EJ, Lovell MR, Viano DC, Casson IR. Concussion in professional football: recovery of NFL and high school athletes assessed by computerized neuropsychological testing—part 12. <i>Neurosurgery.</i> 2006;58(2):263–274.	37	211	NATA
Gioia GA, Schneider JC, Vaughan CG, Isquith PK. Which symptom assessments and approaches are uniquely appropriate for paediatric concussion? <i>Br J Sports Med.</i> 2009;43(suppl 1):i13	38	212	NATA
Gioia GA, Schneider JC, Vaughan CG, Isquith PK. Which symptom assessments and approaches are uniquely appropriate for paediatric concussion? <i>Br J Sports Med.</i> 2009;43(suppl 1):i13	39	213	NATA
Yeates KO, Kaizer E, Rusin J, et al. Reliable change in postconcussive symptoms and its functional consequences among children with mild traumatic brain injury. <i>Arch Pediatr Adolesc Med.</i> 2012;166(7):615–622.	40	214	NATA
Valovich-Mcleod TC, Bay RC, Lam KC, Chhabra A. Representative baseline values on the Sport Concussion Assessment Tool 2 (SCAT2) in adolescent athletes vary by gender, grade, and concussion history. <i>Am J Sports Med.</i> 2012;40(4):927–933.	41	215	NATA
Valovich McLeod TC, Gioia GA. Cognitive rest: the often neglected aspect of concussion management. <i>Athl Ther Today.</i> 2010;15(2):1–3.	42	216	NATA
Casa DJ, Guskiewicz KM, Anderson SA, et al. National Athletic Trainers' Association position statement: preventing sudden death in sports. <i>J Athl Train.</i> 2012;47(1):96–118.	43	217	NATA
McCrorry P. Should we treat concussion pharmacologically? The need for evidence based pharmacological treatment for the concussed athlete. <i>Br J Sports Med.</i> 2002;36(1):3–5.	44	218	NATA
Meehan WP. Medical therapies for concussion. <i>Clin Sports Med.</i> 2011;30(1):115–124.	45	219	NATA
Guskiewicz KM, McCrea M, Marshall SW, et al. Cumulative effects associated with recurrent concussion in collegiate football players: the NCAA concussion study. <i>JAMA.</i> 2003;290(19):2549–2555.	46	220	NATA
Guskiewicz KM, Marshall SW, Bailes J, et al. Recurrent concussion and risk of depression in retired professional football players. <i>Med Sci Sports Exerc.</i> 2007;39(6):9	51	221	NATA
Saunders RL, Harbaugh RE. The second impact in catastrophic contact-sports head trauma. <i>JAMA.</i> 1984;252(4):538–539.	48	222	NATA

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Bruce DA, Alavi A, Bilaniuk L, Dolinskas C, Obrist W, Uzzell B. Diffuse cerebral swelling following head injuries in children: the syndrome of “malignant brain edema.” <i>J Neurosurg</i> . 1981;54(2):170–178.	50	224	NATA
Guskiewicz KM, Marshall SW, Bailes J, et al. Recurrent concussion and risk of depression in retired professional football players. <i>Med Sci Sports Exerc</i> . 2007;39(6):903–909.	51	225	NATA
Guskiewicz KM, Marshall SW, Bailes J, et al. Association between recurrent concussion and late-life cognitive impairment in retired professional football players. <i>Neurosurgery</i> . 2005;57(4):719–726.	52	226	NATA
McKee AC, Cantu RC, Nowinski CJ, et al. Chronic traumatic encephalopathy in athletes: progressive tauopathy after repetitive head injury. <i>J Neuropathol Exp Neurol</i> . 2009;68(7):709–735.	53	227	NATA
Covassin T, Elbin RJ, Sarmiento K. Educating coaches about concussion in sports: evaluation of the CDC’s “Heads Up: Concussion in Youth Sports” initiative. <i>J Sch Health</i> . 2012;82(5):233–238.	54	228	NATA
Chrisman SP, Schiff MA, Rivara FP. Physician concussion knowledge and the effect of mailing the CDC’s “Heads Up” toolkit. <i>Clin Pediatr (Phila)</i> . 2011;50(11):1031–1039.	55	229	NATA
Sawyer RJ, Hamdallah M, White D, Pruzan M, Mitchko J, Huitric M. High school coaches’ assessments, intentions to use, and use of a concussion prevention toolkit: Centers for Disease Control and Prevention’s “Heads Up: Concussion In High School Sports.” <i>Health Promot Pract</i> . 2010;11(1):34–43.	56	230	NATA
McCrea M, Hammeke T, Olsen G, Leo P, Guskiewicz K. Unreported concussion in high school football players: implications for prevention. <i>Clin J Sport Med</i> . 2004;14(1):13–17.	57	231	NATA
Sefton JM, Pirog K, Capita A, Harackiewicz D, Cordova ML. An examination of factors that influence knowledge and reporting of mild brain injuries in collegiate football. <i>J Athl Train</i> . 2004;39(suppl):S52–S53.	58	232	NATA
Sye G, Sullivan SJ, McCrory P. High school rugby players’ understanding of concussion and return to play guidelines. <i>Br J Sports Med</i> . 2006;40(12):1003–1005.	59	233	NATA
Goodman D, Bradley NL, Paras B, Williamson IJ, Bizzochi J. Video gaming promotes concussion knowledge acquisition in youth hockey players. <i>J Adolesc</i> . 2006;29(3):351–360.	60	234	NATA
Bramley H, Patrick K, Lehman E, Silvis M. High school soccer players with concussion education are more likely to notify their coach of a suspected concussion. <i>Clin Pediatr (Phila)</i> . 2012;51(4):332–336.	61	235	NATA

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Sullivan SJ, Bourne L, Choie S, et al. Understanding of sport concussion by the parents of young rugby players: a pilot study. <i>Clin J Sport Med.</i> 2009;19(3):228–230.	63	237	NATA
O'Donoghue EM, Onate JA, Van Lunen B, Peterson CL. Assessment of high school coaches' knowledge of sport-related concussions. <i>Athl Train Sports Health.</i> 2009;1(3):120–132.	64	238	NATA
McCrea M, Guskiewicz KM, Marshall SW, et al. Acute effects and recovery time following concussion in collegiate football players: the NCAA concussion study. <i>JAMA.</i> 2003;290(19):2556–2563.	65	239	NATA
O'Donoghue EM, Onate JA, Van Lunen B, Peterson CL. Assessment of high school coaches' knowledge of sport-related concussions. <i>Athl Train Sports Health.</i> 2009;1(3):120–132.	66	240	NATA
Gessel LM, Fields SK, Collins CL, Dick RW, Comstock RD. Concussions among United States high school and collegiate athletes. <i>J Athl Train.</i> 2007;42(4):495–503.	67	241	NATA
Wood RL, McCabe M, Dawkins J. The role of anxiety sensitivity in symptom perception after minor head injury: an exploratory study. <i>Brain Inj.</i> 2011;25(13–14):1296–1299.	68	242	NATA
<i>Plevretes v La Salle University</i> , 07–5186 (ED PA 2007).	69	243	NATA
<i>Kampmeier v Nyquist</i> , 553 F2d 296 (2nd Cir 1997).	70	244	NATA
<i>Grube v Bethlehem Area School District</i> , 550 F Supp 418 (ED PA 1981).	71	245	NATA
<i>Wright v Columbia University</i> , 520 F Supp 789 (ED PA 1981).	72	246	NATA
<i>Poole v South Plainfield Board of Education</i> , 490 F Supp 948 (D NJ 1980).	73	247	NATA
Quandt EF, Mitten MJ, Black JS. Legal liability in covering athletic events. <i>Sports Health.</i> 2009;1(1):84–90.	74	248	NATA
Osborne B. Principles of liability for athletic trainers: managing sport-related concussion. <i>J Athl Train.</i> 2001;36(3):316–321.	75	249	NATA
Dobbs DB. <i>Torts and Compensation</i> . 2nd ed. St Paul, MN: West Publishing Co; 1993.	76	250	NATA
Guskiewicz KM, Pachman SE. Management of sport-related brain injuries: preventing poor outcomes and minimizing the risk for legal liabilities. <i>Athl Train Sports Health.</i> 2010;2(6):248–252.	77	251	NATA
Ray R. <i>Management Strategies in Athletic Training</i> . 3rd ed. Champaign, IL: Human Kinetics; 2005.	78	252	NATA

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Pinson v Tennessee, 1995 WL 739820 (Tenn Ct App).	80	254	NATA
Melka v Orthopaedic Associates of Wisconsin, 06CV2136 (Wisc Cir Ct 2008).	81	255	NATA
National Collegiate Athletic Association Injury Surveillance Summary for 15 sports: 1988–1989 through 2003–2004. <i>J Athl Train.</i> 2007;42(2):165–319.	82	256	NATA
Elbin RJ, Schatz P, Covassin T. One-year test-retest reliability of the online version of ImPACT in high school athletes. <i>Am J Sports Med.</i> 2011;39(11):2319–2324.	83	257	NATA
Collie A, Maruff P, Makdissi M, McCrory P, McStephen M, Darby D. CogSport: reliability and correlation with conventional cognitive tests used in postconcussion medical evaluations. <i>Clin J Sport Med.</i> 2003;13(1):28–32	84	258	NATA
Iverson GL, Lovell MR, Podell K, Collins MW. Reliability and validity of ImPACT. Paper presented at: 31st Annual Conference of the International Neuropsychological Society; February 5–8, 2003; Honolulu, HI.	85	259	NATA
Broglio SP, Ferrara MS, Macciocchi SN, Baumgartner TA, Elliott R. Test-retest reliability of computerized concussion assessment programs. <i>J Athl Train.</i> 2007;42(4):509–514.	86	260	NATA
Schatz P. Long-term test-retest reliability of baseline cognitive assessments using ImPACT. <i>Am J Sports Med.</i> 2009;38(1):47–53.	87	261	NATA
Grindel SH. The use, abuse, and future of neuropsychologic testing in mild traumatic brain injury. <i>Curr Sports Med Rep.</i> 2006;5(1):9–14.	88	262	NATA
Echemendia RJ, Herring S, Bailes J. Who should conduct and interpret the neuropsychological assessment in sports-related concussion? <i>Br J Sports Med.</i> 2009;43(suppl 1):i32–i35.	89	263	NATA
Iverson GL, Brooks BL, Ashton VL, Lange RT. Interview versus questionnaire symptom reporting in people with the postconcussion syndrome. <i>J Head Trauma Rehabil.</i> 2010;25(1):23–30.	90	264	NATA
Patel AV, Mihalik JP, Notebaert AJ, Guskiewicz KM, Prentice WE. Neuropsychological performance, postural stability, and symptoms after dehydration. <i>J Athl Train.</i> 2007;42(1):66–75.	91	265	NATA
Williams SJ, Nukada H. Sport and exercise headache, part 2: diagnosis and classification. <i>Br J Sports Med.</i> 1994;28(2):96–100.	92	266	NATA
Sabin MJ, Van Boxtel BA, Nohren MW, Broglio SP. Presence of headache does not influence sideline neurostatus or balance in high school football athletes. <i>Clin J Sport Med.</i> 2011;21(5):411–	93	267	NATA

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Randolph C, Millis S, Barr WB, et al. Concussion symptom inventory: an empirically derived scale for monitoring resolution of symptoms following sport-related concussion. <i>Arch Clin Neuropsychol.</i> 2009;24(3):219–229.	95	269	NATA
Catena RD, Van Donkelaar P, Chou LS. Cognitive task effects on gait stability following concussion. <i>Exp Brain Res.</i> 2007;176(1):23–31.	96	270	NATA
Parker TM, Osternig LR, Van Donkelaar P, Chou LS. Gait stability following concussion. <i>Med Sci Sports Exerc.</i> 2006;38(6):1032–1040.	97	271	NATA
Guskiewicz KM, Riemann BL, Perrin DH, Nashner LM. Alternative approaches to the assessment of mild head injury in athletes. <i>Med Sci Sports Exerc.</i> 1997;29(suppl 7):S213–S221.	98	272	NATA
Peterson CL, Ferrara MS, Mrazik M, Piland S, Elliot R. Evaluation of neuropsychological domain scores and postural stability following cerebral concussion in sports. <i>Clin J Sport Med.</i> 2003;13(4):230–237.	99	273	NATA
Guskiewicz KM, Ross SE, Marshall SW. Postural stability and neuropsychological deficits after concussion in collegiate athletes. <i>J Athl Train.</i> 2001;36(3):263–273	100	274	NATA
De Monte VE, Geffen GM, May CR, McFarland K, Heath P, Neralic M. The acute effects of mild traumatic brain injury on finger tapping with and without word repetition. <i>J Clin Exp Neuropsychol.</i> 2005;27(2):224–239.	101	275	NATA
Broglio SP, Ferrara MS, Sopiartz K, Kelly MS. Reliable change of the sensory organization test. <i>Clin J Sport Med.</i> 2008;18(2):148–154.	102	276	NATA
Riemann BL, Guskiewicz KM. Effects of mild head injury on postural stability as measured through clinical balance testing. <i>J Athl Train.</i> 2000;35(1):19–25.	103	277	NATA
Riemann BL, Guskiewicz KM, Shields EW. Relationship between clinical and forceplate measures of postural stability. <i>J Sport Rehabil.</i> 1999;8(2):71–82.	104	278	NATA
Broglio SP, Zhu W, Sopiartz K, Park Y. Generalizability theory analysis of balance error scoring system reliability in healthy young adults. <i>J Athl Train.</i> 2009;44(5):497–502.	105	279	NATA
Valovich TC, Perrin DH, Gansneder BM. Repeat administration elicits a practice effect with the Balance Error Scoring System but not with the Standardized Assessment of Concussion in high school athletes. <i>J Athl Train.</i> 2003;38(1):51–56.	106	280	NATA



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Broglio SP, Monk A, Sapiar K, Cooper ER. The influence of ankle support on postural control. <i>J Sci Med Sport.</i> 2009;12(3):388–392.	108	282	NATA
Susco TM, Valovich McLeod TC, Gansneder BM, Shultz SJ. Balance recovers within 20 minutes after exertion as measured by the Balance Error Scoring System. <i>J Athl Train.</i> 2004;39(3):241–246.	109	283	NATA
Wilkins JC, Valovich McLeod TC, Perrin DH, Gansneder BM. Performance on the Balance Error Scoring System decreases after fatigue. <i>J Athl Train.</i> 2004;39(2):156–161.	110	284	NATA
Maddocks DL, Dicker GD, Saling MM. The assessment of orientation following concussion in athletes. <i>Clin J Sport Med.</i> 1995;5(1):32–35.	111	285	NATA
Aubry M, Cantu R, Dvorak J, et al. Summary and agreement statement of the first International Conference on Concussion in Sport, Vienna 2001: recommendations for the improvement of safety and health of athletes who may suffer concussive injuries. <i>Br J Sports Med.</i> 2002;36(1):6–10.	112	286	NATA
Schatz P, Pardini JE, Lovell MR, Collins MW, Podell K. Sensitivity and specificity of the ImpACT test battery for concussion in athletes. <i>Arch Clin Neuropsychol.</i> 2006;21(1):91–99.	113	287	NATA
Randolph C, McCrea M, Barr WB. Is neuropsychological testing useful in the management of sport-related concussion? <i>J Athl Train.</i> 2005;40(3):139–152.	114	288	NATA
Van Kampen DA, Lovell MR, Pardini JE, Collins MW, Fu FH. The “value added” of neurocognitive testing after sports-related concussion. <i>Am J Sports Med.</i> 2006;34(10):1630–1635.	115	289	NATA
Maruff P, Thomas E, Cysique L, et al. Validity of the CogState brief battery: relationship to standardized tests and sensitivity to cognitive impairment in mild traumatic brain injury, schizophrenia, and AIDS dementia complex. <i>Arch Clin Neuropsychol.</i> 2009;24(2):165–178.	116	290	NATA
Schatz P, Moser RS, Solomon GS, Ott SD, Karpf R. Prevalence of invalid computerized baseline neurocognitive test results in high school and collegiate athletes. <i>J Athl Train.</i> 2012;47(3):289–296.	117	291	NATA
Broglio SP, Macciocchi SN, Ferrara MS. Neurocognitive performance of concussed athletes when symptom free. <i>J Athl Train.</i> 2007;42(4):504–508.	118	292	NATA
Fazio VC, Lovell MR, Pardini JE, Collins MW. The relation between post concussion symptoms and neurocognitive performance in concussed athletes. <i>NeuroRehabilitation.</i> 2007;22(3):207–216.	119	293	NATA
Broglio SP, Guskiewicz KM. Concussion in sports: the sideline assessment. <i>Sports Health.</i> 2009;1(5):361–369.	120	294	NATA

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Gonzalez PG, Walker MT. Imaging modalities in mild traumatic brain injury and sports concussion. <i>PM R</i> . 2011;3(10 suppl 2):S413–S424.	122	296	NATA
Vagnozzi R, Signoretti S, Tavazzi B, et al. Temporal window of metabolic brain vulnerability to concussion: a pilot 1H-magnetic resonance spectroscopy study in concussed athletes, part III. <i>Neurosurgery</i> . 2008;62(6):1286–1295.	123	297	NATA
Undén J, Romner B. Can low serum levels of S100B predict normal CT findings after minor head injury in adults? An evidence-based review and meta-analysis. <i>J Head Trauma Rehabil</i> . 2010;25(4):228–240.	124	298	NATA
Greenwald RM, Gwin JT, Chu JJ, Crisco JJ. Head impact severity measures for evaluating mild traumatic brain injury risk exposure. <i>Neurosurgery</i> . 2008;62(4):789–798.	125	299	NATA
Broglio SP, Schnebel B, Sosnoff JJ, et al. Biomechanical properties of concussions in high school football. <i>Med Sci Sports Exerc</i> . 2010;42(11):2064–2071.	126	300	NATA
Guskiewicz KM, Mihalik JP, Shankar V, et al. Measurement of head impacts in collegiate football players: relationship between head impact biomechanics and acute clinical outcome after concussion. <i>Neurosurgery</i> . 2007;61(6):1244–1252.	127	301	NATA
Broglio SP, Eckner JT, Surma T, Kutcher JS. Post-concussion cognitive declines and symptomatology are not related to concussion biomechanics in high school football players. <i>J Neurotrauma</i> . 2011;28(10):2061–2068.	128	302	NATA
Hinton-Bayre AD, Geffen G. Severity of sports-related concussion and neuropsychological test performance. <i>Neurology</i> . 2002;59(7):1068–1070.	129	303	NATA
Majerske CW, Mihalik JP, Ren D, et al. Concussion in sports: postconcussive activity levels, symptoms, and neurocognitive performance. <i>J Athl Train</i> . 2008;43(3):265–274.	130	304	NATA
Silverberg ND, Iverson GL. Is rest after concussion “the best medicine”? recommendations for activity resumption following concussion in athletes, civilians, and military service members. <i>J Head Trauma Rehabil</i> . 2013;28(4):250–259.	131	305	NATA
Covassin T, Elbin RJ, Harris W, Parker T, Kontos A. The role of age and sex in symptoms, neurocognitive performance, and postural stability in athletes after concussion. <i>Am J Sports Med</i> . 2012;40(6):1303–1312.	132	306	NATA
World Health Organisation. ICD-10 classifications of mental and behavioural disorder: clinical descriptions and diagnostic guide- lines. <a href="http://www.who.int/classifications/icd/en/bluebook.pdf">http://www.who.int/classifications/icd/en/bluebook.pdf</a> . Published January 1992. Accessed August 29, 2013.	133	307	NATA
McGrath N, Dinn WM, Collins MW, Lovell MR, Elbin RJ, Kontos AP. Post-exertion neurocognitive test failure among student-athletes following concussion. <i>Brain Inj</i> . 2013;27(1):103–113.	134	308	NATA

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Wisniewski JF, Guskiewicz KM, Trope M, Sigurdsson A. Incidence of cerebral concussions associated with type of mouthguard used in college football. <i>Dent Traumatol.</i> 2004;20(3):143–149.	135	309	NATA
Barbic D, Pater J, Brison RJ. Comparison of mouth guard designs and concussion prevention in contact sports: a multicenter randomized controlled trial. <i>Clin J Sport Med.</i> 2005;15(5):294–298	136	310	NATA
Finch C, Braham R, McIntosh A, McCrory P, Wolfe R. Should football players wear custom fitted mouthguards? Results from a group randomised controlled trial. <i>Inj Prev.</i> 2005;11(4):242–246.	137	311	NATA
Blignaut JB, Carstens IL, Lombard CJ. Injuries sustained in rugby by wearers and non-wearers of mouthguards. <i>Br J Sports Med.</i> 1987;21(2):5–7.	138	312	NATA
Marshall SW, Loomis DP, Waller AE, et al. Evaluation of protective equipment for prevention of injuries in rugby union. <i>Int J Epidemiol.</i> 2005;34(1):113–118.	139	313	NATA
Benson BW, Meeuwisse WH. Ice hockey injuries. <i>Med Sport Sci.</i> 2005;49:86–119.	140	314	NATA
Labella CR, Smith BW, Sigurdsson A. Effect of mouthguards on dental injuries and concussions in college basketball. <i>Med Sci Sports Exerc.</i> 2002;34(1):41–44.	141	315	NATA
Mihalik JP, McCaffrey MA, Rivera EM, et al. Effectiveness of mouthguards in reducing neurocognitive deficits following sports-related cerebral concussion. <i>Dent Traumatol.</i> 2007;23(1):14–20.	142	316	NATA
Kemp SP, Hudson Z, Brooks JH, Fuller CW. The epidemiology of head injuries in English professional rugby union. <i>Clin J Sport Med.</i> 2008;18(3):227–234.	143	317	NATA
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Hrysomallis C. Impact energy attenuation of protective football headgear against a yielding surface. <i>J Sci Med Sport.</i> 2004;7(2):156–164.	148	322	NATA
Delaney JS, Al-Kashmiri A, Drummond R, Correa JA. The effect of protective headgear on head injuries and concussions in adolescent football (soccer) players. <i>Br J Sports Med.</i> 2008;42(2):110–115.	149	323	NATA
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Giedd JN. The teen brain: insights from neuroimaging. <i>J Adolesc Health</i> . 2008;42(4):335–343.	152	326	NATA
Giedd JN, Blumenthal J, Jefferies NO, et al. Brain development during childhood and adolescence: a longitudinal MRI study. <i>Nat Neurosci</i> . 1999;2(10):861–863.	153	327	NATA
Webbe FM, Barth JT. Short-term and long-term outcome of athletic closed head injuries. <i>Clin Sports Med</i> . 2003;22(3):577–592.	154	328	NATA
McKeever CK, Schatz P. Current issues in the identification, assessment, and management of concussions in sports-related injuries. <i>Appl Neuropsychol</i> . 2003;10(1):4–11.	155	329	NATA
Buzzini SR, Guskiewicz KM. Sport-related concussion in the young athlete. <i>Curr Opin Pediatr</i> . 2006;18(4):376–382.	156	330	NATA
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Thomas R, Taylor K. Assessing head injuries in children. <i>MCN Am J Matern Child Nurs</i> . 1997;22(4):198–202.	159	333	NATA
Levin HS. Neuroplasticity following non-penetrating traumatic brain injury. <i>Brain Inj</i> . 2003;17(8):665–674.	160	334	NATA
Ewing-Cobbs L, Barnes MA, Fletcher JM. Early brain injury in children: development and reorganization of cognitive function. <i>Dev Neuropsychol</i> . 2003;24(2–3):669–704.	161	335	NATA
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Moser RS, Schatz P, Jordan BD. Prolonged effects of concussion in high school athletes. <i>Neurosurgery</i> . 2005;57(2):300–306.	163	337	NATA
Sim A, Terrberry-Spohr L, Wilson KR. Prolonged recovery of memory functioning after mild traumatic brain injury in adolescent athletes. <i>J Neurosurg</i> . 2008;108(3):511–516.	164	338	NATA
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Canadian Paediatric Society. Identification and management of children with sport-related concussion. <i>Paediatr Child Health.</i> 2006;11(7):420–428.	178	352	NATA
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Dupuis F, Johnston KM, Lavoie M, Lepore F, Lassonde M. Concussion in athletes produce brain dysfunction as revealed by event-related potentials. <i>Neuroreport.</i> 2000;11(18):4087–4092.	195	369	NATA
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