

Sport & Exercise Medicine in Practice

MED5361

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1.

Graf-Baumann, T.: Medicolegal aspects of doping in football. *British Journal of Sports Medicine*. 40, i55–i57 (2006). <https://doi.org/10.1136/bjsm.2006.027979>.

2.

Panhuyzen-Goedkoop, N.M., Smeets, J.L.R.M.: Legal responsibilities of physicians when making participation decisions in athletes with cardiac disorders: Do guidelines provide a solid legal footing? *British Journal of Sports Medicine*. 48, 1193–1195 (2014). <https://doi.org/10.1136/bjsports-2013-093023>.

3.

Greenfield, B.H., West, C.R.: Ethical Issues in Sports Medicine. *Sports Health: A Multidisciplinary Approach*. 4, 475–479 (2012). <https://doi.org/10.1177/1941738112459327>.

4.

Anderson, L.: Contractual obligations and the sharing of confidential health information in sport. *Journal of Medical Ethics*. 34, e6–e6 (2008). <https://doi.org/10.1136/jme.2008.024794>.

5.

Holm, S., McNamee, M.: Ethics in sports medicine. *BMJ*. 339, b3898–b3898 (2009). <https://doi.org/10.1136/bmj.b3898>.

6.

McNamee, M., Phillips, N.: Confidentiality, disclosure and doping in sports medicine. *British Journal of Sports Medicine*. 45, 174–177 (2011). <https://doi.org/10.1136/bjism.2009.064253>.

7.

No pain, no gain. The dilemma of a team physician. *British Journal of Sports Medicine*. 35, 141-a-142 (2001). <https://doi.org/10.1136/bjism.35.3.141-a>.

8.

Ethics, molecular biology, and sports medicine. *British Journal of Sports Medicine*. 35, 142–143 (2001). <https://doi.org/10.1136/bjism.35.3.142>.

9.

Leatherwood, W.E., Dragoo, J.L.: Effect of airline travel on performance: a review of the literature. *British Journal of Sports Medicine*. 47, 561–567 (2013). <https://doi.org/10.1136/bjsports-2012-091449>.

10.

Reilly, T., Atkinson, G., Edwards, B., Waterhouse, J., Åkerstedt, T., Davenne, D., Lemmer, B., Wirz-Justice, A.: Coping with jet-lag: A Position Statement for the European College of Sport Science. *European Journal of Sport Science*. 7, 1–7 (2007). <https://doi.org/10.1080/17461390701216823>.

11.

Forbes-Robertson, S., Dudley, E., Vadgama, P., Cook, C., Drawer, S., Kilduff, L.: Circadian Disruption and Remedial Interventions. *Sports Medicine*. 42, 185–208 (2012). <https://doi.org/10.2165/11596850-000000000-00000>.

12.

Manfredini, R., Manfredini, F., Fersini, C., Conconi, F.: Circadian rhythms, athletic performance, and jet lag. *British Journal of Sports Medicine*. 32, 101–106 (1998). <https://doi.org/10.1136/bjism.32.2.101>.

13.

Armstrong, L.E.: Nutritional strategies for football: Counteracting heat, cold, high altitude, and jet lag. *Journal of Sports Sciences*. 24, 723–740 (2006).
<https://doi.org/10.1080/02640410500482891>.

14.

Reilly, T., Waterhouse, J.: Sports performance: is there evidence that the body clock plays a role? *European Journal of Applied Physiology*. 106, 321–332 (2009).
<https://doi.org/10.1007/s00421-009-1066-x>.

15.

Waterhouse, J., Reilly, T., Atkinson, G.: Melatonin and jet lag. *British Journal of Sports Medicine*. 32, 98–99 (1998). <https://doi.org/10.1136/bjism.32.2.98>.

16.

McSharry, P.E.: Effect of altitude on physiological performance: a statistical analysis using results of international football games. *BMJ*. 335, 1278–1281 (2007).
<https://doi.org/10.1136/bmj.39393.451516.AD>.

17.

Foreign travel advice - UK government, <https://www.gov.uk/foreign-travel-advice>.

18.

Forbes-Robertson, S., Dudley, E., Vadgama, P., Cook, C., Drawer, S., Kilduff, L.: Circadian Disruption and Remedial Interventions. *Sports Medicine*. 42, 185–208 (2012).
<https://doi.org/10.2165/11596850-000000000-00000>.

19.

Levine, B.D., Stray-Gundersen, J., Mehta, R.D.: Effect of altitude on football performance. *Scandinavian Journal of Medicine & Science in Sports*. 18, 76–84 (2008).
<https://doi.org/10.1111/j.1600-0838.2008.00835.x>.

20.

Périard, J.D., Racinais, S., Timpka, T., Dahlström, Ö., Spreco, A., Jacobsson, J., Bargoria, V., Halje, K., Alonso, J.-M.: Strategies and factors associated with preparing for competing in the heat: a cohort study at the 2015 IAAF World Athletics Championships. *British Journal of Sports Medicine*. 51, 264–270 (2017). <https://doi.org/10.1136/bjsports-2016-096579>.

21.

Dvorak, J., Kramer, E.B., Schmied, C.M., Drezner, J.A., Zideman, D., Patricios, J., Correia, L., Pedrinelli, A., Mandelbaum, B.: The FIFA medical emergency bag and FIFA 11 steps to prevent sudden cardiac death: setting a global standard and promoting consistent football field emergency care. *British Journal of Sports Medicine*. 47, 1199–1202 (2013). <https://doi.org/10.1136/bjsports-2013-092767>.

22.

Herxheimer, A., Petrie, K.J.: Melatonin for the prevention and treatment of jet lag. In: *Cochrane Database of Systematic Reviews*. John Wiley & Sons, Ltd, Chichester, UK (1996). <https://doi.org/10.1002/14651858.CD001520>.

23.

Fit For Travel, <http://www.fitfortravel.nhs.uk/home.aspx>.

24.

Périard, J.D., Racinais, S., Timpka, T., Dahlström, Ö., Spreco, A., Jacobsson, J., Bargoria, V., Halje, K., Alonso, J.-M.: Strategies and factors associated with preparing for competing in the heat: a cohort study at the 2015 IAAF World Athletics Championships. *British Journal of Sports Medicine*. 51, 264–270 (2017). <https://doi.org/10.1136/bjsports-2016-096579>.

25.

Pryor, R.R., Bennett, B.L., O'Connor, F.G., Young, J.M.J., Asplund, C.A.: Medical Evaluation for Exposure Extremes. *Clinical Journal of Sport Medicine*. 25, 437–442 (2015). <https://doi.org/10.1097/JSM.0000000000000248>.

26.

Racinais, S., Alonso, J.M., Coutts, A.J., Flouris, A.D., Girard, O., González-Alonso, J., Hausswirth, C., Jay, O., Lee, J.K.W., Mitchell, N., Nassis, G.P., Nybo, L., Pluim, B.M., Roelands, B., Sawka, M.N., Wingo, J., Périard, J.D.: Consensus recommendations on training and competing in the heat. *British Journal of Sports Medicine*. 49, 1164–1173 (2015). <https://doi.org/10.1136/bjsports-2015-094915>.

27.

Périard, J.D., Travers, G.J.S., Racinais, S., Sawka, M.N.: Cardiovascular adaptations supporting human exercise-heat acclimation. *Autonomic Neuroscience*. 196, 52–62 (2016). <https://doi.org/10.1016/j.autneu.2016.02.002>.

28.

Nassis, G.P., Brito, J., Dvorak, J., Chalabi, H., Racinais, S.: The association of environmental heat stress with performance: analysis of the 2014 FIFA World Cup Brazil. *British Journal of Sports Medicine*. 49, 609–613 (2015). <https://doi.org/10.1136/bjsports-2014-094449>.

29.

Wegmann, M., Faude, O., Poppendieck, W., Hecksteden, A., Fröhlich, M., Meyer, T.: Pre-Cooling and Sports Performance. *Sports Medicine*. 42, 545–564 (2012). <https://doi.org/10.2165/11630550-000000000-00000>.

30.

Bongers, C.C.W.G., Thijssen, D.H.J., Veltmeijer, M.T.W., Hopman, M.T.E., Eijsvogels, T.M.H.: Precooling and percooling (cooling during exercise) both improve performance in the heat: a meta-analytical review. *British Journal of Sports Medicine*. 49, 377–384 (2015). <https://doi.org/10.1136/bjsports-2013-092928>.

31.

Tyler, C.J., Sunderland, C., Cheung, S.S.: The effect of cooling prior to and during exercise on exercise performance and capacity in the heat: a meta-analysis. *British Journal of Sports Medicine*. 49, 7–13 (2015). <https://doi.org/10.1136/bjsports-2012-091739>.

32.

Nieto Estrada, V.H., Molano Franco, D., Medina, R.D., Gonzalez Garay, A.G., Martí-Carvajal, A.J., Arevalo-Rodriguez, I.: Interventions for preventing high altitude illness: Part 1. Commonly-used classes of drugs. *Cochrane Database of Systematic Reviews*. (2017). <https://doi.org/10.1002/14651858.CD009761.pub2>.

33.

Chapman, R.F.: The individual response to training and competition at altitude. *British Journal of Sports Medicine*. 47, i40–i44 (2013). <https://doi.org/10.1136/bjsports-2013-092837>.

34.

Schommer, K., Menold, E., Subudhi, A.W., Bärtsch, P.: Health risk for athletes at moderate altitude and normobaric hypoxia. *British Journal of Sports Medicine*. 46, 828–832 (2012). <https://doi.org/10.1136/bjsports-2012-091270>.

35.

Mazzeo, R.S.: Physiological Responses to Exercise at Altitude. *Sports Medicine*. 38, 1–8 (2008). <https://doi.org/10.2165/00007256-200838010-00001>.

36.

Chapman, R.F., Stickford, J.L., Levine, B.D.: Altitude training considerations for the winter sport athlete. *Experimental Physiology*. 95, 411–421 (2010). <https://doi.org/10.1113/expphysiol.2009.050377>.

37.

Luks, A.M., Swenson, E.R., Bärtsch, P.: Acute high-altitude sickness. *European Respiratory Review*. 26, (2017). <https://doi.org/10.1183/16000617.0096-2016>.

38.

Grant, S.: Sea level and acute responses to hypoxia: do they predict physiological responses and acute mountain sickness at altitude? *British Journal of Sports Medicine*. 36, 141–146 (2002). <https://doi.org/10.1136/bjism.36.2.141>.

39.

Saunders, P.U., Garvican-Lewis, L.A., Schmidt, W.F., Gore, C.J.: Relationship between changes in haemoglobin mass and maximal oxygen uptake after hypoxic exposure. *British Journal of Sports Medicine*. 47, i26–i30 (2013). <https://doi.org/10.1136/bjsports-2013-092841>.

40.

Imray, C., Wright, A., Subudhi, A., Roach, R.: Acute Mountain Sickness: Pathophysiology, Prevention, and Treatment. *Progress in Cardiovascular Diseases*. 52, 467–484 (2010). <https://doi.org/10.1016/j.pcad.2010.02.003>.

41.

Carlsen, K.-H.: Sports in extreme conditions: The impact of exercise in cold temperatures on asthma and bronchial hyper-responsiveness in athletes. *British Journal of Sports Medicine*. 46, 796–799 (2012). <https://doi.org/10.1136/bjsports-2012-091292>.

42.

Brown, D.J.A., Brugger, H., Boyd, J., Paal, P.: Accidental Hypothermia. *New England Journal of Medicine*. 367, 1930–1938 (2012). <https://doi.org/10.1056/NEJMra1114208>.

43.

Bergeron, M., Bahr, R., Bärtsch, P., Bourdon, L., Calbet, J., Carlsen, K., Castagna, O., González-Alonso, J., Lundby, C., Maughan, R., Millet, G., Mountjoy, M., Racinais, S., Rasmussen, P., Subudhi, A., Young, A., Soligard, T., Engebretsen, L.: International Olympic Committee consensus statement on thermoregulatory and altitude challenges for high-level athletes. *British Journal of Sports Medicine*. 46, 770–779 (2012). <https://doi.org/10.1136/bjsports-2012-091296>.

44.

Tscholl, P.M., Vaso, M., Weber, A., Dvorak, J.: High prevalence of medication use in professional football tournaments including the World Cups between 2002 and 2014: a narrative review with a focus on NSAIDs. *British Journal of Sports Medicine*. 49, 580–582 (2015). <https://doi.org/10.1136/bjsports-2015-094784>.

45.

Baume, N., Jan, N., Emery, C., Mandanis, B., Schweizer, C., Giraud, S., Leuenberger, N., Marclay, F., Nicoli, R., Perrenoud, L., Robinson, N., Dvorak, J., Saugy, M.: Antidoping programme and biological monitoring before and during the 2014 FIFA World Cup Brazil. *British Journal of Sports Medicine*. 49, 614–622 (2015). <https://doi.org/10.1136/bjsports-2015-094762>.

46.

Fitch, K.D.: Therapeutic use exemptions (TUEs) at the Olympic Games 1992–2012. *British Journal of Sports Medicine*. 47, 815–818 (2013). <https://doi.org/10.1136/bjsports-2013-092460>.

47.

Schobersberger, W., Dünwald, T., Gmeiner, G., Blank, C.: Story behind meldonium—from pharmacology to performance enhancement: a narrative review. *British Journal of Sports Medicine*. 51, 22–25 (2017). <https://doi.org/10.1136/bjsports-2016-096357>.

48.

van der Gronde, T., de Hon, O., Haisma, H.J., Pieters, T.: Gene doping: an overview and current implications for athletes. *British Journal of Sports Medicine*. 47, 670–678 (2013). <https://doi.org/10.1136/bjsports-2012-091288>.

49.

McNamee, M., Phillips, N.: Confidentiality, disclosure and doping in sports medicine. *British Journal of Sports Medicine*. 45, 174–177 (2011). <https://doi.org/10.1136/bjism.2009.064253>.

50.

Dvorak, J., Baume, N., Botré, F., Broséus, J., Budgett, R., Frey, W.O., Geyer, H., Harcourt, P.R., Ho, D., Howman, D., Isola, V., Lundby, C., Marclay, F., Peytavin, A., Pipe, A., Pitsiladis, Y.P., Reichel, C., Robinson, N., Rodchenkov, G., Saugy, M., Sayegh, S., Segura, J., Thevis, M., Vernec, A., Viret, M., Vouillamoz, M., Zorzoli, M.: Time for change: a roadmap to guide the implementation of the World Anti-Doping Code 2015. *British Journal of Sports Medicine*. 48, 801–806 (2014). <https://doi.org/10.1136/bjsports-2014-093561>.

51.

Connor, J., Woolf, J., Mazanov, J.: Would they dope? Revisiting the Goldman dilemma. *British Journal of Sports Medicine*. 47, 697–700 (2013).
<https://doi.org/10.1136/bjsports-2012-091826>.

52.

Sjöqvist, F., Garle, M., Rane, A.: Use of doping agents, particularly anabolic steroids, in sports and society. *The Lancet*. 371, 1872–1882 (2008).
[https://doi.org/10.1016/S0140-6736\(08\)60801-6](https://doi.org/10.1016/S0140-6736(08)60801-6).

53.

Saugy, M., Lundby, C., Robinson, N.: Monitoring of biological markers indicative of doping: the athlete biological passport. *British Journal of Sports Medicine*. 48, 827–832 (2014).
<https://doi.org/10.1136/bjsports-2014-093512>.

54.

Corrado, D., Basso, C., Pavei, A., Michieli, P., Schiavon, M., Thiene, G.: Trends in Sudden Cardiovascular Death in Young Competitive Athletes After Implementation of a Preparticipation Screening Program. *JAMA*. 296, (2006).
<https://doi.org/10.1001/jama.296.13.1593>.

55.

Steinvil, A., Chundadze, T., Zeltser, D., Rogowski, O., Halkin, A., Galily, Y., Perluk, H., Viskin, S.: Mandatory Electrocardiographic Screening of Athletes to Reduce Their Risk for Sudden Death. *Journal of the American College of Cardiology*. 57, 1291–1296 (2011).
<https://doi.org/10.1016/j.jacc.2010.10.037>.

56.

Drezner, J.A., Sharma, S., Baggish, A., Papadakis, M., Wilson, M.G., Prutkin, J.M., Gerche, A.L., Ackerman, M.J., Borjesson, M., Salerno, J.C., Asif, I.M., Owens, D.S., Chung, E.H., Emery, M.S., Froelicher, V.F., Heidbuchel, H., Adamuz, C., Asplund, C.A., Cohen, G., Harmon, K.G., Marek, J.C., Molossi, S., Niebauer, J., Pelto, H.F., Perez, M.V., Riding, N.R., Saarel, T., Schmied, C.M., Shipon, D.M., Stein, R., Vetter, V.L., Pelliccia, A., Corrado, D.: International criteria for electrocardiographic interpretation in athletes: Consensus statement. *British Journal of Sports Medicine*. 51, 704–731 (2017).
<https://doi.org/10.1136/bjsports-2016-097331>.

57.

Drezner, J.A., Ashley, E., Baggish, A.L., Börjesson, M., Corrado, D., Owens, D.S., Patel, A., Pelliccia, A., Vetter, V.L., Ackerman, M.J., Anderson, J., Asplund, C.A., Cannon, B.C., DiFiori, J., Fischbach, P., Froelicher, V., Harmon, K.G., Heidbuchel, H., Marek, J., Paul, S., Prutkin, J.M., Salerno, J.C., Schmied, C.M., Sharma, S., Stein, R., Wilson, M.: Abnormal electrocardiographic findings in athletes: recognising changes suggestive of cardiomyopathy. *British Journal of Sports Medicine*. 47, 137–152 (2013). <https://doi.org/10.1136/bjsports-2012-092069>.

58.

Drezner, J.A., Ackerman, M.J., Cannon, B.C., Corrado, D., Heidbuchel, H., Prutkin, J.M., Salerno, J.C., Anderson, J., Ashley, E., Asplund, C.A., Baggish, A.L., Börjesson, M., DiFiori, J.P., Fischbach, P., Froelicher, V., Harmon, K.G., Marek, J., Owens, D.S., Paul, S., Pelliccia, A., Schmied, C.M., Sharma, S., Stein, R., Vetter, V.L., Wilson, M.G.: Abnormal electrocardiographic findings in athletes: recognising changes suggestive of primary electrical disease. *British Journal of Sports Medicine*. 47, 153–167 (2013). <https://doi.org/10.1136/bjsports-2012-092070>.

59.

Semsarian, C., Sweeting, J., Ackerman, M.J.: Sudden cardiac death in athletes. *British Journal of Sports Medicine*. 49, 1017–1023 (2015). <https://doi.org/10.1136/bjsports-2015-h1218rep>.

60.

Corrado, D., Basso, C., Rizzoli, G., Schiavon, M., Thiene, G.: Does sports activity enhance the risk of sudden death in adolescents and young adults? *Journal of the American College of Cardiology*. 42, 1959–1963 (2003). <https://doi.org/10.1016/j.jacc.2003.03.002>.

61.

Asif, I.M., Price, D.E., Ewing, A., Rao, A.L., Harmon, K.G., Drezner, J.A.: The impact of diagnosis: measuring the psychological response to being diagnosed with serious or potentially lethal cardiac disease in young competitive athletes. *British Journal of Sports Medicine*. 50, 163–166 (2016). <https://doi.org/10.1136/bjsports-2015-095560>.

62.

Asif, I.M., Johnson, S., Schmieg, J., Smith, T., Rao, A.L., Harmon, K.G., Salerno, J.C., Drezner, J.A.: The psychological impact of cardiovascular screening: the athlete's perspective. *British Journal of Sports Medicine*. 48, 1162–1166 (2014). <https://doi.org/10.1136/bjsports-2014-093500>.

63.

Gordon, S., Gucciardi, D.F.: A Strengths-Based Approach to Coaching Mental Toughness. *Journal of Sport Psychology in Action*. 2, 143–155 (2011). <https://doi.org/10.1080/21520704.2011.598222>.

64.

Bull, S.J., Shambrook, C.J., James, W., Brooks, J.E.: Towards an Understanding of Mental Toughness in Elite English Cricketers. *Journal of Applied Sport Psychology*. 17, 209–227 (2005). <https://doi.org/10.1080/10413200591010085>.

65.

Connaughton, D., Wadey, R., Hanton, S., Jones, G.: The development and maintenance of mental toughness: Perceptions of elite performers. *Journal of Sports Sciences*. 26, 83–95 (2008). <https://doi.org/10.1080/02640410701310958>.

66.

Hays, K., Maynard, I., Thomas, O., Bawden, M.: Sources and Types of Confidence Identified by World Class Sport Performers. *Journal of Applied Sport Psychology*. 19, 434–456 (2007). <https://doi.org/10.1080/10413200701599173>.

67.

MacNamara, Á., Button, A., Collins, D.: The Role of Psychological Characteristics in Facilitating the Pathway to Elite Performance Part 1: Identifying Mental Skills and Behaviors. *The Sport Psychologist*. 24, 52–73 (2010). <https://doi.org/10.1123/tsp.24.1.52>.

68.

Bennett, J., Maynard, I.: Performance blocks in sport: Recommendations for treatment and implications for sport psychology practitioners. *Journal of Sport Psychology in Action*. 8,

60–68 (2017). <https://doi.org/10.1080/21520704.2016.1227414>.

69.

Lohr, J.M., Lilienfeld, S.O., Rosen, G.M.: Anxiety and its treatment: Promoting science-based practice. *Journal of Anxiety Disorders*. 26, 719–727 (2012). <https://doi.org/10.1016/j.janxdis.2012.06.007>.

70.

Meeusen, R., Duclos, M., Foster, C., Fry, A., Gleeson, M., Nieman, D., Raglin, J., Rietjens, G., Steinacker, J., Urhausen, A.: Prevention, diagnosis and treatment of the overtraining syndrome: Joint consensus statement of the European College of Sport Science (ECSS) and the American College of Sports Medicine (ACSM). *European Journal of Sport Science*. 13, 1–24 (2013). <https://doi.org/10.1080/17461391.2012.730061>.

71.

Meeusen, R., Duclos, M., Gleeson, M., Rietjens, G., Steinacker, J., Urhausen, A.: Prevention, diagnosis and treatment of the Overtraining Syndrome. *European Journal of Sport Science*. 6, 1–14 (2006). <https://doi.org/10.1080/17461390600617717>.

72.

Lewis, N.A., Collins, D., Pedlar, C.R., Rogers, J.P.: Can clinicians and scientists explain and prevent unexplained underperformance syndrome in elite athletes: an interdisciplinary perspective and 2016 update. *BMJ Open Sport & Exercise Medicine*. 1, (2015). <https://doi.org/10.1136/bmjsem-2015-000063>.

73.

Armstrong, L.E., VanHeest, J.L.: The Unknown Mechanism of the Overtraining Syndrome. *Sports Medicine*. 32, 185–209 (2002). <https://doi.org/10.2165/00007256-200232030-00003>.

74.

Cadegiani, F.A., Kater, C.E.: Hormonal aspects of overtraining syndrome: a systematic review. *BMC Sports Science, Medicine and Rehabilitation*. 9, (2017). <https://doi.org/10.1186/s13102-017-0079-8>.

75.

Saw, A.E., Main, L.C., Gatin, P.B.: Monitoring the athlete training response: subjective self-reported measures trump commonly used objective measures: a systematic review. *British Journal of Sports Medicine*. 50, 281–291 (2016). <https://doi.org/10.1136/bjsports-2015-094758>.

76.

Schmikli, S.L., de Vries, W.R., Brink, M.S., Backx, F.J.: Monitoring performance, pituitary–adrenal hormones and mood profiles: how to diagnose non-functional over-reaching in male elite junior soccer players. *British Journal of Sports Medicine*. 46, 1019–1023 (2012). <https://doi.org/10.1136/bjsports-2011-090492>.

77.

Budgett, R., Hiscock, N., Arida, R., Castell, L.M.: The effects of the 5-HT_{2C} agonist m-chlorophenylpiperazine on elite athletes with unexplained underperformance syndrome (overtraining). *British Journal of Sports Medicine*. 44, 280–283 (2010). <https://doi.org/10.1136/bjism.2008.046425>.

78.

Meeusen, R., Nederhof, E., Buyse, L., Roelands, B., de Schutter, G., Piacentini, M.F.: Diagnosing overtraining in athletes using the two-bout exercise protocol. *British Journal of Sports Medicine*. 44, 642–648 (2010). <https://doi.org/10.1136/bjism.2008.049981>.

79.

Schmikli, S.L., Brink, M.S., de Vries, W.R., Backx, F.J.G.: Can we detect non-functional overreaching in young elite soccer players and middle-long distance runners using field performance tests? *British Journal of Sports Medicine*. 45, 631–636 (2011). <https://doi.org/10.1136/bjism.2009.067462>.

80.

Cadegiani, F.A., Kater, C.E.: Hypothalamic-Pituitary-Adrenal (HPA) Axis Functioning in Overtraining Syndrome: Findings from Endocrine and Metabolic Responses on Overtraining Syndrome (EROS)—EROS-HPA Axis. *Sports Medicine - Open*. 3, (2017). <https://doi.org/10.1186/s40798-017-0113-0>.

81.

Angeli, A., Minetto, M., Dovio, A., Paccotti, P.: The overtraining syndrome in athletes: A stress-related disorder. *Journal of Endocrinological Investigation*. 27, 603–612 (2004). <https://doi.org/10.1007/BF03347487>.

82.

Halson, S.L.: Monitoring Training Load to Understand Fatigue in Athletes. *Sports Medicine*. 44, 139–147 (2014). <https://doi.org/10.1007/s40279-014-0253-z>.

83.

Robson, P.J.: Elucidating the Unexplained Underperformance Syndrome in Endurance Athletes. *Sports Medicine*. 33, 771–781 (2003). <https://doi.org/10.2165/00007256-200333100-00004>.

84.

Robson-Ansley, P.J., Blannin, A., Gleeson, M.: Elevated plasma interleukin-6 levels in trained male triathletes following an acute period of intense interval training. *European Journal of Applied Physiology*. 99, 353–360 (2007). <https://doi.org/10.1007/s00421-006-0354-y>.

85.

SCAT3 (Sport Concussion Assessment Tool). *British Journal of Sports Medicine*. 47, 259–259 (2013).

86.

McCrory, P., Meeuwisse, W.H., Aubry, M., Cantu, B., Dvořák, J., Echemendia, R.J., Engebretsen, L., Johnston, K., Kutcher, J.S., Raftery, M., Sills, A., Benson, B.W., Davis, G.A., Ellenbogen, R.G., Guskiewicz, K., Herring, S.A., Iverson, G.L., Jordan, B.D., Kissick, J., McCrea, M., McIntosh, A.S., Maddocks, D., Makdissi, M., Purcell, L., Putukian, M., Schneider, K., Tator, C.H., Turner, M.: Consensus statement on concussion in sport: the 4th International Conference on Concussion in Sport held in Zurich, November 2012. *British Journal of Sports Medicine*. 47, 250–258 (2013). <https://doi.org/10.1136/bjsports-2013-092313>.

87.

McCrary, P., Meeuwisse, W., Dvorak, J., Aubry, M., Bailes, J., Broglio, S., Cantu, R.C., Cassidy, D., Echemendia, R.J., Castellani, R.J., Davis, G.A., Ellenbogen, R., Emery, C., Engebretsen, L., Feddermann-Demont, N., Giza, C.C., Guskiewicz, K.M., Herring, S., Iverson, G.L., Johnston, K.M., Kissick, J., Kutcher, J., Leddy, J.J., Maddocks, D., Makdissi, M., Manley, G.T., McCrea, M., Meehan, W.P., Nagahiro, S., Patricios, J., Putukian, M., Schneider, K.J., Sills, A., Tator, C.H., Turner, M., Vos, P.E.: Consensus statement on concussion in sport—the 5th international conference on concussion in sport held in Berlin, October 2016. *British Journal of Sports Medicine*. (2017). <https://doi.org/10.1136/bjsports-2017-097699>.

88.

Sport concussion assessment tool - 5th edition. *British Journal of Sports Medicine*. (2017). <https://doi.org/10.1136/bjsports-2017-097506SCAT5>.

89.

Sport concussion assessment tool for childrens ages 5 to 12 years. *British Journal of Sports Medicine*. (2017). <https://doi.org/10.1136/bjsports-2017-097492childscat5>.

90.

Makdissi, M., Schneider, K.J., Feddermann-Demont, N., Guskiewicz, K.M., Hinds, S., Leddy, J.J., McCrea, M., Turner, M., Johnston, K.M.: Approach to investigation and treatment of persistent symptoms following sport-related concussion: a systematic review. *British Journal of Sports Medicine*. 51, 958–968 (2017). <https://doi.org/10.1136/bjsports-2016-097470>.

91.

Price, J., Malliaras, P., Hudson, Z.: Current practices in determining return to play following head injury in professional football in the UK. *British Journal of Sports Medicine*. 46, 1000–1003 (2012). <https://doi.org/10.1136/bjsports-2011-090687>.

92.

McCrea, M., Meier, T., Huber, D., Ptito, A., Bigler, E., Debert, C.T., Manley, G., Menon, D., Chen, J.-K., Wall, R., Schneider, K.J., McAllister, T.: Role of advanced neuroimaging, fluid

biomarkers and genetic testing in the assessment of sport-related concussion: a systematic review. *British Journal of Sports Medicine*. 51, 919–929 (2017). <https://doi.org/10.1136/bjsports-2016-097447>.

93.

Iverson, G.L., Gardner, A.J., Terry, D.P., Ponsford, J.L., Sills, A.K., Broshek, D.K., Solomon, G.S.: Predictors of clinical recovery from concussion: a systematic review. *British Journal of Sports Medicine*. 51, 941–948 (2017). <https://doi.org/10.1136/bjsports-2017-097729>.

94.

Kamins, J., Bigler, E., Covassin, T., Henry, L., Kemp, S., Leddy, J.J., Mayer, A., McCrea, M., Prins, M., Schneider, K.J., Valovich McLeod, T.C., Zemek, R., Giza, C.C.: What is the physiological time to recovery after concussion? A systematic review. *British Journal of Sports Medicine*. 51, 935–940 (2017). <https://doi.org/10.1136/bjsports-2016-097464>.

95.

McLendon, L.A., Kralik, S.F., Grayson, P.A., Golomb, M.R.: The Controversial Second Impact Syndrome: A Review of the Literature. *Pediatric Neurology*. 62, 9–17 (2016). <https://doi.org/10.1016/j.pediatrneurol.2016.03.009>.

96.

Wetjen, N.M., Pichelmann, M.A., Atkinson, J.L.D.: Second Impact Syndrome: Concussion and Second Injury Brain Complications. *Journal of the American College of Surgeons*. 211, 553–557 (2010). <https://doi.org/10.1016/j.jamcollsurg.2010.05.020>.

97.

Schneider, K.J., Meeuwisse, W.H., Nettel-Aguirre, A., Barlow, K., Boyd, L., Kang, J., Emery, C.A.: Cervicovestibular rehabilitation in sport-related concussion: a randomised controlled trial. *British Journal of Sports Medicine*. 48, 1294–1298 (2014). <https://doi.org/10.1136/bjsports-2013-093267>.

98.

Concussion recognition tool 5©. *British Journal of Sports Medicine*. (2017). <https://doi.org/10.1136/bjsports-2017-097508CRT5>.

99.

Dijkstra, H.P., Pollock, N., Chakraverty, R., Alonso, J.M.: Managing the health of the elite athlete: a new integrated performance health management and coaching model. *British Journal of Sports Medicine*. 48, 523–531 (2014). <https://doi.org/10.1136/bjsports-2013-093222>.

100.

Mountjoy, M., Sundgot-Borgen, J., Burke, L., Carter, S., Constantini, N., Lebrun, C., Meyer, N., Sherman, R., Steffen, K., Budgett, R., Ljungqvist, A.: The IOC consensus statement: beyond the Female Athlete Triad—Relative Energy Deficiency in Sport (RED-S). *British Journal of Sports Medicine*. 48, 491–497 (2014). <https://doi.org/10.1136/bjsports-2014-093502>.

101.

Statuta, S.M., Asif, I.M., Drezner, J.A.: Relative energy deficiency in sport (RED-S). *British Journal of Sports Medicine*. 51, 1570–1571 (2017). <https://doi.org/10.1136/bjsports-2017-097700>.

102.

Ljungqvist, A., Jenoure, P., Engebretsen, L., Alonso, J.M., Bahr, R., Clough, A., De Bondt, G., Dvorak, J., Maloley, R., Matheson, G., Meeuwisse, W., Meijboom, E., Mountjoy, M., Pelliccia, A., Schwellnus, M., Sprumont, D., Schamasch, P., Gauthier, J.-B., Dubi, C., Stupp, H., Thill, C.: The International Olympic Committee (IOC) Consensus Statement on periodic health evaluation of elite athletes March 2009. *British Journal of Sports Medicine*. 43, 631–643 (2009). <https://doi.org/10.1136/bjism.2009.064394>.

103.

Soligard, T., Steffen, K., Palmer, D., Alonso, J.M., Bahr, R., Lopes, A.D., Dvorak, J., Grant, M.-E., Meeuwisse, W., Mountjoy, M., Pena Costa, L.O., Salmina, N., Budgett, R., Engebretsen, L.: Sports injury and illness incidence in the Rio de Janeiro 2016 Olympic Summer Games: A prospective study of 11274 athletes from 207 countries. *British Journal of Sports Medicine*. 51, 1265–1271 (2017). <https://doi.org/10.1136/bjsports-2017-097956>.

104.

Soligard, T., Steffen, K., Palmer-Green, D., Aubry, M., Grant, M.-E., Meeuwisse, W., Mountjoy, M., Budgett, R., Engebretsen, L.: Sports injuries and illnesses in the Sochi 2014 Olympic Winter Games. *British Journal of Sports Medicine*. 49, 441–447 (2015). <https://doi.org/10.1136/bjsports-2014-094538>.

105.

Speed, C.: High-performance sports medicine. *Clinical Medicine*. 13, 47–49 (2013). <https://doi.org/10.7861/clinmedicine.13-1-47>.

106.

Fallon, K.E.: Screening for haematological and iron-related abnormalities in elite athletes—Analysis of 576 cases. *Journal of Science and Medicine in Sport*. 11, 329–336 (2008). <https://doi.org/10.1016/j.jsams.2007.02.017>.

107.

Holick, M.F.: Vitamin D Deficiency. *New England Journal of Medicine*. 357, 266–281 (2007). <https://doi.org/10.1056/NEJMra070553>.

108.

Hainline, B., Turner, J.A., Caneiro, J.P., Stewart, M., Lorimer Moseley, G.: Pain in elite athletes—neurophysiological, biomechanical and psychosocial considerations: a narrative review. *British Journal of Sports Medicine*. 51, 1259–1264 (2017). <https://doi.org/10.1136/bjsports-2017-097890>.

109.

CANNELL, J.J., HOLLIS, B.W., SORENSON, M.B., TAFT, T.N., ANDERSON, J.J.B.: Athletic Performance and Vitamin D. *Medicine & Science in Sports & Exercise*. 41, 1102–1110 (2009). <https://doi.org/10.1249/MSS.0b013e3181930c2b>.

110.

Grout, A., McClave, S.A., Jampolis, M.B., Krueger, K., Hurt, R.T., Landes, S., Kiraly, L.: Basic Principles of Sports Nutrition. *Current Nutrition Reports*. 5, 213–222 (2016). <https://doi.org/10.1007/s13668-016-0177-3>.

111.

Thomas, D.T., Erdman, K.A., Burke, L.M.: Position of the Academy of Nutrition and Dietetics, Dietitians of Canada, and the American College of Sports Medicine: Nutrition and Athletic Performance. *Journal of the Academy of Nutrition and Dietetics*. 116, 501–528 (2016). <https://doi.org/10.1016/j.jand.2015.12.006>.

112.

Close, G.L., Hamilton, D.L., Philp, A., Burke, L.M., Morton, J.P.: New strategies in sport nutrition to increase exercise performance. *Free Radical Biology and Medicine*. 98, 144–158 (2016). <https://doi.org/10.1016/j.freeradbiomed.2016.01.016>.

113.

Maughan, R.J., King, D.S., Lea, T.: Dietary supplements. *Journal of Sports Sciences*. 22, 95–113 (2004). <https://doi.org/10.1080/0264041031000140581>.

114.

Maughan, R.: The athlete's diet: nutritional goals and dietary strategies. *Proceedings of the Nutrition Society*. 61, 87–96 (2002). <https://doi.org/10.1079/PNS2001132>.

115.

Goldstein, E.R., Ziegenfuss, T., Kalman, D., Kreider, R., Campbell, B., Wilborn, C., Taylor, L., Willoughby, D., Stout, J., Graves, B.S., Wildman, R., Ivy, J.L., Spano, M., Smith, A.E., Antonio, J.: International society of sports nutrition position stand: caffeine and performance. *Journal of the International Society of Sports Nutrition*. 7, (2010). <https://doi.org/10.1186/1550-2783-7-5>.

116.

Maughan, R.J., Fallah, J., Coyle, E.F.: The effects of fasting on metabolism and performance. *British Journal of Sports Medicine*. 44, 490–494 (2010). <https://doi.org/10.1136/bjism.2010.072181>.

117.

Noakes, T.D., Windt, J.: Evidence that supports the prescription of low-carbohydrate high-fat diets: a narrative review. *British Journal of Sports Medicine*. 51, 133–139 (2017). <https://doi.org/10.1136/bjsports-2016-096491>.

118.

Heung-Sang Wong, S., Sun, F.-H., Chen, Y.-J., Li, C., Zhang, Y.-J., Ya-Jun Huang, W.: Effect of pre-exercise carbohydrate diets with high vs low glycemic index on exercise performance: a meta-analysis. *Nutrition Reviews*. 75, 327–338 (2017). <https://doi.org/10.1093/nutrit/nux003>.

119.

Exercise and Fluid Replacement. *Medicine & Science in Sports & Exercise*. 39, 377–390 (2007). <https://doi.org/10.1249/mss.0b013e31802ca597>.

120.

Lapinskienė, I., Mikulevičienė, G., Laubner, G., Badaras, R.: Consequences of an extreme diet in the professional sport: Refeeding syndrome to a bodybuilder. *Clinical Nutrition ESPEN*. 23, 253–255 (2018). <https://doi.org/10.1016/j.clnesp.2017.10.003>.

121.

Ekstrand, J., Timpka, T., Hagglund, M., Karlsson, J.: Risk of injury in elite football played on artificial turf versus natural grass: a prospective two-cohort study * Commentary. *British Journal of Sports Medicine*. 40, 975–980 (2006). <https://doi.org/10.1136/bjism.2006.027623>.

122.

Donnelly, A.E., McCormick, K., Maughan, R.J., Whiting, P.H., Clarkson, P.M.: Effects of a non-steroidal anti-inflammatory drug on delayed onset muscle soreness and indices of damage. *British Journal of Sports Medicine*. 22, 35–38 (1988). <https://doi.org/10.1136/bjism.22.1.35>.

123.

Sargent, C., Schmidt, W.F., Aughey, R.J., Bourdon, P.C., Soria, R., Claros, J.C.J., Garvican-Lewis, L.A., Buchheit, M., Simpson, B.M., Hammond, K., Kley, M., Wachsmuth, N.,

Gore, C.J., Roach, G.D.: The impact of altitude on the sleep of young elite soccer players (ISA3600). *British Journal of Sports Medicine*. 47, i86–i92 (2013). <https://doi.org/10.1136/bjsports-2013-092829>.

124.

Asif, I.M., Annett, S., Ewing, J.A., Abdelfattah, R., Sutphin, B., Conley, K., Rothmier, J., Harmon, K.G., Drezner, J.A.: Psychological impact of electrocardiogram screening in National Collegiate Athletic Association athletes. *British Journal of Sports Medicine*. 51, 1489–1492 (2017). <https://doi.org/10.1136/bjsports-2017-097909>.