

SPRT3043 - Advanced Sports Nutrition

Reading list for the Advanced Sports Nutrition Module

View Online



1.

Baar K. USING NUTRITION AND MOLECULAR BIOLOGY TO MAXIMIZE CONCURRENT TRAINING. Sports Science Exchange [Internet]. 2014;136(27):1-5. Available from: https://www.gssiweb.org/sports-science-exchange/article/sse-136-using-nutrition-and-molecular-biology-to-maximize-concurrent-training#articleTopic_5

2.

Cermak NM, van Loon LJC. The Use of Carbohydrates During Exercise as an Ergogenic Aid. Sports Medicine. 2013 Nov;43(11):1139-55. doi:10.1007/s40279-013-0079-0

3.

Burke LM. Re-Examining High-Fat Diets for Sports Performance: Did We Call the 'Nail in the Coffin' Too Soon? Sports medicine (Auckland). 2015 Nov;45(S1):33-49. doi:10.1007/s40279-015-0393-9

4.

Burke LM. 'Fat adaptation' for athletic performance: the nail in the coffin? Journal of Applied Physiology. 2006 Jan 1;100(1):7-8. doi:10.1152/japplphysiol.01238.2005

5.

Jeukendrup AE, Gleeson M. Sport nutrition. Third edition. Champaign, IL: Human Kinetics; 2019.

6.

McArdle WD, Katch FI, Katch VL. Sports and exercise nutrition. Fifth edition. Philadelphia: Wolters Kluwer; 2019.

7.

Nutrition and Athletic Performance. *Medicine & Science in Sports & Exercise*. 2009 Mar;41(3):709–31. doi:10.1249/MSS.0b013e31890eb86

8.

Burke LM, Ross ML, Garvican-Lewis LA, Welvaert M, Heikura IA, Forbes SG, et al. Low carbohydrate, high fat diet impairs exercise economy and negates the performance benefit from intensified training in elite race walkers. *The Journal of Physiology*. 2017 May;595(9):2785–807. doi:10.1113/JP273230

9.

Burke LM, Loucks AB, Broad N. Energy and carbohydrate for training and recovery. *Journal of Sports Sciences*. 2006 Jul;24(7):675–85. doi:10.1080/02640410500482602

10.

Maughan RJ, Burke LM, Coyle EF, Consensus Conference on Foods, Nutrition and Sports Performance, International Olympic Committee. Food, nutrition and sports performance II: the International Olympic Committee consensus on sports nutrition [Electronic resource]. London: Routledge; 2004. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=Worcester&isbn=9780203448618>

11.

Romijn JA, Coyle EF, Sidossis LS, Gastaldelli A, Horowitz JF, Endert E, et al. Regulation of endogenous fat and carbohydrate metabolism in relation to exercise intensity and duration. *American Journal of Physiology-Endocrinology and Metabolism*. 1993 Sep 1;265(3):E380–91. doi:10.1152/ajpendo.1993.265.3.E380

12.

Jeukendrup AE. Carbohydrate intake during exercise and performance. *Nutrition*. 2004 Jul;20(7–8):669–77. doi:10.1016/j.nut.2004.04.017

13.

Whiting SJ, Barabash WA. Dietary Reference Intakes for the micronutrients: considerations for physical activity. *Applied Physiology, Nutrition, and Metabolism*. 2006 Feb;31(1):80-5. doi:10.1139/h05-021

14.

Campbell B, Wilborn C, La Bounty P, Taylor L, Nelson MT, Greenwood M, et al. International Society of Sports Nutrition position stand: energy drinks. *Journal of the International Society of Sports Nutrition*. 2013 Jan 3;10(1). doi:10.1186/1550-2783-10-1

15.

Goldstein ER, Ziegenfuss T, Kalman D, Kreider R, Campbell B, Wilborn C, et al. International society of sports nutrition position stand: caffeine and performance. *Journal of the International Society of Sports Nutrition*. 2010 Jan 5;7(1). doi:10.1186/1550-2783-7-5

16.

Trexler ET, Smith-Ryan AE, Stout JR, Hoffman JR, Wilborn CD, Sale C, et al. International society of sports nutrition position stand: Beta-Alanine. *Journal of the International Society of Sports Nutrition*. 2015 Dec;12(1). doi:10.1186/s12970-015-0090-y

17.

Wilson JM, Fitschen PJ, Campbell B, Wilson GJ, Zanchi N, Taylor L, et al. International Society of Sports Nutrition Position Stand: beta-hydroxy-beta-methylbutyrate (HMB). *Journal of the International Society of Sports Nutrition*. 2013 Jan 3;10(1). doi:10.1186/1550-2783-10-6

18.

Jeukendrup AE. Nutrition for endurance sports: Marathon, triathlon, and road cycling. *Journal of Sports Sciences*. 2011 Jan;29(sup1):S91-9. doi:10.1080/02640414.2011.610348

19.

La Bounty PM, Campbell BI, Wilson J, Galvan E, Berardi J, Kleiner SM, et al. International Society of Sports Nutrition position stand: meal frequency. *Journal of the International Society of Sports Nutrition*. 2011 Feb 4;8(1). doi:10.1186/1550-2783-8-4

20.

DONNELLY JE, BLAIR SN, JAKICIC JM, MANORE MM, RANKIN JW, SMITH BK. Appropriate Physical Activity Intervention Strategies for Weight Loss and Prevention of Weight Regain for Adults. *Medicine & Science in Sports & Exercise*. 2009 Feb;41(2):459–71. doi:10.1249/MSS.0b013e3181949333

21.

Thomas DT, Erdman KA, Burke LM. 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*. 2016 Mar;116(3):501–28. doi:10.1016/j.jand.2015.12.006

22.

Otis CL, Drinkwater B, Johnson M, Loucks A, Wilmore J. ACSM Position Stand: The Female Athlete Triad. *Medicine & Science in Sports & Exercise*. 1997 May;29(5):i–ix. doi:10.1097/00005768-199705000-00037

23.

Brooks GA, Mercier J. Balance of carbohydrate and lipid utilization during exercise: the 'crossover' concept. *Journal of Applied Physiology*. 1994 Jun 1;76(6):2253–61. doi:10.1152/jappl.1994.76.6.2253

24.

Coyle EF, Jeukendrup AE, Wagenmakers AJ, Saris WH. Fatty acid oxidation is directly regulated by carbohydrate metabolism during exercise. *American Journal of Physiology-Endocrinology and Metabolism*. 1997 Aug;273(2):E268–75. doi:10.1152/ajpendo.1997.273.2.E268

25.

Romijn JA, Coyle EF, Sidossis LS, Zhang XJ, Wolfe RR. Relationship between fatty acid delivery and fatty acid oxidation during strenuous exercise. *Journal of Applied Physiology*. 1995 Dec;79(6):1939-45. doi:10.1152/jappl.1995.79.6.1939

26.

Rogerson D. Vegan diets: practical advice for athletes and exercisers. *Journal of the International Society of Sports Nutrition*. 2017 Dec;14(1). doi:10.1186/s12970-017-0192-9