

SPRT3043 - Advanced Sports Nutrition

Reading list for the Advanced Sports Nutrition Module

View Online



Baar, K. (2014). USING NUTRITION AND MOLECULAR BIOLOGY TO MAXIMIZE CONCURRENT TRAINING. *Sports Science Exchange*, 136(27), 1-5.

https://www.gssiweb.org/sports-science-exchange/article/sse-136-using-nutrition-and-molecular-biology-to-maximize-concurrent-training#articleTopic_5

Brooks, G. A., & Mercier, J. (1994). Balance of carbohydrate and lipid utilization during exercise: the 'crossover' concept. *Journal of Applied Physiology*, 76(6), 2253-2261.

<https://doi.org/10.1152/jappl.1994.76.6.2253>

Burke, L. M. (2006). 'Fat adaptation' for athletic performance: the nail in the coffin? *Journal of Applied Physiology*, 100(1), 7-8. <https://doi.org/10.1152/japplphysiol.01238.2005>

Burke, L. M. (2015). Re-Examining High-Fat Diets for Sports Performance: Did We Call the 'Nail in the Coffin' Too Soon? *Sports Medicine (Auckland)*, 45(S1), 33-49.

<https://doi.org/10.1007/s40279-015-0393-9>

Burke, L. M., Loucks, A. B., & Broad, N. (2006). Energy and carbohydrate for training and recovery. *Journal of Sports Sciences*, 24(7), 675-685.

<https://doi.org/10.1080/02640410500482602>

Burke, L. M., Ross, M. L., Garvican-Lewis, L. A., Welvaert, M., Heikura, I. A., Forbes, S. G., Mirtschin, J. G., Cato, L. E., Strobel, N., Sharma, A. P., & Hawley, J. A. (2017). Low carbohydrate, high fat diet impairs exercise economy and negates the performance benefit from intensified training in elite race walkers. *The Journal of Physiology*, 595(9), 2785-2807. <https://doi.org/10.1113/JP273230>

Campbell, B., Wilborn, C., La Bounty, P., Taylor, L., Nelson, M. T., Greenwood, M., Ziegenfuss, T. N., Lopez, H. L., Hoffman, J. R., Stout, J. R., Schmitz, S., Collins, R., Kalman, D. S., Antonio, J., & Kreider, R. B. (2013). International Society of Sports Nutrition position stand: energy drinks. *Journal of the International Society of Sports Nutrition*, 10(1).

<https://doi.org/10.1186/1550-2783-10-1>

Cermak, N. M., & van Loon, L. J. C. (2013). The Use of Carbohydrates During Exercise as an Ergogenic Aid. *Sports Medicine*, 43(11), 1139-1155.

<https://doi.org/10.1007/s40279-013-0079-0>

Coyle, E. F., Jeukendrup, A. E., Wagenmakers, A. J., & Saris, W. H. (1997). Fatty acid oxidation is directly regulated by carbohydrate metabolism during exercise. *American Journal of Physiology-Endocrinology and Metabolism*, 273(2), E268-E275.

<https://doi.org/10.1152/ajpendo.1997.273.2.E268>

DONNELLY, J. E., BLAIR, S. N., JAKICIC, J. M., MANORE, M. M., RANKIN, J. W., & SMITH, B. K. (2009). Appropriate Physical Activity Intervention Strategies for Weight Loss and Prevention of Weight Regain for Adults. *Medicine & Science in Sports & Exercise*, 41(2), 459-471. <https://doi.org/10.1249/MSS.0b013e3181949333>

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. (2010). International society of sports nutrition position stand: caffeine and performance. *Journal of the International Society of Sports Nutrition*, 7(1). <https://doi.org/10.1186/1550-2783-7-5>

Jeukendrup, A. E. (2004). Carbohydrate intake during exercise and performance. *Nutrition*, 20(7-8), 669-677. <https://doi.org/10.1016/j.nut.2004.04.017>

Jeukendrup, A. E. (2011). Nutrition for endurance sports: Marathon, triathlon, and road cycling. *Journal of Sports Sciences*, 29(sup1), S91-S99. <https://doi.org/10.1080/02640414.2011.610348>

Jeukendrup, A. E., & Gleeson, M. (2019). *Sport nutrition (Third edition)*. Human Kinetics.

La Bounty, P. M., Campbell, B. I., Wilson, J., Galvan, E., Berardi, J., Kleiner, S. M., Kreider, R. B., Stout, J. R., Ziegenfuss, T., Spano, M., Smith, A., & Antonio, J. (2011). International Society of Sports Nutrition position stand: meal frequency. *Journal of the International Society of Sports Nutrition*, 8(1). <https://doi.org/10.1186/1550-2783-8-4>

Maughan, R. J., Burke, L. M., Coyle, E. F., Consensus Conference on Foods, Nutrition and Sports Performance, & International Olympic Committee. (2004). *Food, nutrition and sports performance II: the International Olympic Committee consensus on sports nutrition*. Routledge. <http://www.vlebooks.com/vleweb/product/openreader?id=Worcester&isbn=9780203448618>

McArdle, W. D., Katch, F. I., & Katch, V. L. (2019). *Sports and exercise nutrition (Fifth edition)*. Wolters Kluwer.

Nutrition and Athletic Performance. (2009). *Medicine & Science in Sports & Exercise*, 41(3), 709-731. <https://doi.org/10.1249/MSS.0b013e31890eb86>

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

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

Romijn, J. A., Coyle, E. F., Sidossis, L. S., Gastaldelli, A., Horowitz, J. F., Endert, E., & Wolfe, R. R. (1993). Regulation of endogenous fat and carbohydrate metabolism in relation to exercise intensity and duration. *American Journal of Physiology-Endocrinology and Metabolism*, 265(3), E380-E391. <https://doi.org/10.1152/ajpendo.1993.265.3.E380>

Romijn, J. A., Coyle, E. F., Sidossis, L. S., Zhang, X. J., & Wolfe, R. R. (1995). Relationship

between fatty acid delivery and fatty acid oxidation during strenuous exercise. *Journal of Applied Physiology*, 79(6), 1939–1945. <https://doi.org/10.1152/jappl.1995.79.6.1939>

Thomas, D. T., Erdman, K. A., & Burke, L. M. (2016). 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(3), 501–528. <https://doi.org/10.1016/j.jand.2015.12.006>

Trexler, E. T., Smith-Ryan, A. E., Stout, J. R., Hoffman, J. R., Wilborn, C. D., Sale, C., Kreider, R. B., Jäger, R., Earnest, C. P., Bannock, L., Campbell, B., Kalman, D., Ziegenfuss, T. N., & Antonio, J. (2015). International society of sports nutrition position stand: Beta-Alanine. *Journal of the International Society of Sports Nutrition*, 12(1). <https://doi.org/10.1186/s12970-015-0090-y>

Whiting, S. J., & Barabash, W. A. (2006). Dietary Reference Intakes for the micronutrients: considerations for physical activity. *Applied Physiology, Nutrition, and Metabolism*, 31(1), 80–85. <https://doi.org/10.1139/h05-021>

Wilson, J. M., Fitschen, P. J., Campbell, B., Wilson, G. J., Zanchi, N., Taylor, L., Wilborn, C., Kalman, D. S., Stout, J. R., Hoffman, J. R., Ziegenfuss, T. N., Lopez, H. L., Kreider, R. B., Smith-Ryan, A. E., & Antonio, J. (2013). International Society of Sports Nutrition Position Stand: beta-hydroxy-beta-methylbutyrate (HMB). *Journal of the International Society of Sports Nutrition*, 10(1). <https://doi.org/10.1186/1550-2783-10-6>