

References

Primary References

Achten, J., Halson, S.L., Moseley, L., Rayson, M.P., Casey, A. and Jeukendrup, A.E. (2004). Higher dietary carbohydrate content during intensified running training results in better maintenance of performance and mood state. *Journal of Applied Physiology*, 96, 1331-1340.

American College Sports Medicine (2000). Position Stand: Nutrition and athletic performance. *Medicine and Science in Sports and Exercise*, 32(12), 2130-2145.

Badminton Ireland. (n.d.). The Laws: the official laws of badminton (Available at <http://www.badmintonireland.com/content/templates/development.aspx?articleid=669&zoneid=15>)

Balsom, P.D., Wood, K., Olsson, P., & Ekblom, B. (1999). Carbohydrate intake and multiple sprint sports: with special reference to football (soccer) [Abstract Only]. *International Journal of Sports Medicine*, 20, 48-52.

Bangsbo, J., Norregaard, L., & Thorsoe, F. (1992). The effect of carbohydrate diet on intermittent exercise performance [Abstract Only]. *International Journal Sports Medicine*, 13(2), 152-157.

- Bean, A. (2003). *The Complete guide to Sports Nutrition: How to eat for maximum performance (3rd Edition)*. A & C Black – London.
- Bean, A. (2006). *The Complete guide to Sports Nutrition (5th Edition)*. A & C Black – London.
- Benton, D., & Parker, P.Y. (1998). Breakfast, blood glucose, and cognition. *American Journal of Nutrition, 67, 772S-778S*.
- Blomqvist, M., Luhtanen, P., & Laakso, L. (2000). Expert-novice differences in game performance and game understanding of youth badminton players. *European Journal of Physical Education, 5, 208-219*.
- Bottoms, L.M., Hunter, A.M., & Galloway, S.D.R. (2006). Effects of carbohydrate ingestion on skill maintenance in squash players. *European Journal of Sports Science, 6(3), 187-195*.
- Brand-Miller, J.C., Holt, S.H.A., Pawlak, D.B., & McMillan, J. (2002). Glycemic index and obesity. *American Journal of Clinical Nutrition, 76, 281S-285S*.
- Burke, L.M., Kiens, B., & Ivy, J.L. (2004). Carbohydrate and fat for training and recovery. *Journal of Sport Sciences, 22, 15-30*.
- Collardeau, M., Brisswalter, J., Vercruyssen, F., Audiffren, M., & Goubault, C. (2001). Single and choice reaction time during prolonged exercise in trained subjects: influence of carbohydrate availability. *European Journal of Applied Physiology, 86, 150-156*.

- Coyle, F. (2004). Fluid and fuel intake during exercise. *Journal of Sports Sciences, 22*, 39-55.
- Davey, P.R., Thorpe, R.D., & Williams, C. (2002). Fatigue decreases skilled tennis performance. *Journal of Sports Sciences, 20*, 311-318.
- DeMarco, H., Sucher, K.P., Cisar, C.J., & Butterfield, G.E. (1999). Pre-exercise carbohydrate meals: application of glycemic index. *Journal of Medicine and Science in Sports and Exercise, 31(1)*, 164-170.
- Erlenbusch, M., Haub, M., Munoz, K., MacConnie, S., and Stillwell, B. (2005). Effect of high-fat or high-carbohydrate diets on endurance exercise: A meta-analysis. *International Journal of Sports Nutrition and Exercise Metabolism, 15*, 1-14.
- Erith, S., Williams, C., Stevenson, E., Chamberlain, S., Crews, P., & Rushbury, I. (2006). The effect of high carbohydrate meals with different glycemic indices on recovery of performance during prolonged intermittent high-intensity shuttle running. *International Journal of Sports Nutrition and Exercise Metabolism, 16*, 393-404.
- Febbraio, M.A., Chiu, A., Angus, D.J., Arkininstall, M.J., & Hawley J.A. (2000a) Effects of carbohydrate ingestion before and during exercise on glucose kinetics and performance. *Journal of Applied Physiology, 89*, 2220-2226.
- Febbraio, M.A., Keenan, J., Angus, D.J., Campbell, S.E., & Garnham, A.P. (2000b). Pre-exercise carbohydrate ingestion, glucose kinetics, and muscle glycogen use: effect of the glycemic index. *Journal of Applied Physiology, 89*, 1845-1851.

Febbraio, M.A. & Stewart, K.L., (1996). CHO feeding before prolonged exercise; effect of glycemic index on muscle glycogenolysis and exercise performance [Abstract Only]. *Journal of Applied Physiology*, 81(3), 1115-1120.

Foster-Powell, K., Holt, A.H.A., & Brand-Miller J.C. (2002). International table of glycemic index and glycemic load values; 2002. *American Journal of Clinical Nutrition*, 76, 5-56.

Gibson, E.L. & Green, M.W. (2002). Nutritional influences on cognitive function: mechanisms of susceptibility. *Nutrition Research Reviews*, 15, 169-206.

Graydon, J., Taylor, S., & Smith, M. (1998). The effect of carbohydrate ingestion on shot accuracy during a conditioned squash match. *Science and Racket Sports II*, 68-74.

Guerra, I., Chaves, R., Barros, T., & Tirapegui, J. (2004). The influence of fluid ingestion on performances of soccer players during a match. *Journal of Science and Medicine*, 3, 198-202.

Hargreaves, M., Hawley, J.A., & Jeukendrup, A. (2004). Pre-exercise carbohydrate and fat ingestion: effects on metabolism and performance. *Journal of Sports Sciences*, 22, 31-38.

Hughes, M.G. (1995). Physiological demands of training in elite badminton players. *Science and Racket Sports I*, 32-37.

Hughes, M.G., & Fullerton, F.M. (1995). Development of an on-court aerobic test for elite badminton players. *Science and Racket Sports I*, 51-54.

Jenkins, D.J.A, Kendall, C.W.C., Augustin, L.S.A., Franceschi, S., Hamidi, M., Marchie, A., Jenkins, A.L., & Axelsen, M. (2002). Glycemic Index: overview of implications in health and disease. *American Journal of Clinical Nutrition*, 76, 266S-73S.

Kirwan, J.P., Cyr-Campbell, D., Campbell, W.W., Scheiber, J., & Evans, W.J. (2001a). Effects of moderate and high glycemic index meals on metabolism and exercise performance. *Metabolism*, 50(7), 849-855.

Kirwan, J.P., O’Gorman, D.J., Cyr-Campbell, D., Campbell, W.W., Yarasheski, K.E., & Evans, W.J. (2001b). Effects of a moderate glycemic meal on exercise duration and substrate utilization. *Journal of Medicine and Science in Sports and Exercise*, 33(9), 1517-1523.

Kirwan, J.P., O’Gorman, D., & Evans, W.J. (1998). A moderate glycemic meal before endurance exercise can enhance performance. *Journal of Applied Physiology*, 84(1), 53-59.

Leger, L.A., & Lambert, J. (1982). A maximal multistage 20-m shuttle run test to predict VO₂ max. *European Journal of Applied Physiology*, 49, 1-12.

Leiper, J.B., Broad, N.P., & Maughan, R.J. (2000). Effect of intermittent high-intensity exercise on gastric emptying in man. *Medicine & Science in Sports & Exercise*, 33(8), 1270-1278.

Liddle, D., & O’Donoghue, P. (1998). Notational analysis of rallies in European circuit badminton. *Science and Racket Sports II*, 275-282

Loughborough University and sports coach UK (2001). *Multistage fitness test. A progressive shuttle-run test for the prediction of maximum oxygen uptake* [Cassette recording]. Sports Coach UK.

Manrique, D.C., & Gonzalález-Badillo, J.J. (2003). Analysis of the characteristics of competitive badminton. *British Journal of Sports Medicine*, *37*, 62-66.

MacLaren, D.P.M. (1998). Nutrition for racket sports. *Science and Racket Sports II*, 286-294.

Mc Ardle, W.D., Katch, F.I., & Katch, V.L. (2006). *Exercise Physiology: Energy, Nutrition & Human Performance (6th Edition)*. Lippincott Williams & Wilkins.

McGregor, S.J., Nicholas, C.W., Lakomy, H.K.A., & Williams, C. (1999). The influence of intermittent high-intensity shuttle running and fluid ingestion on the performance of soccer skill. *Journal of Sports Sciences*, *17*, 895-903.

Meeusen, R., Watson, P., & Dvorak, J. (2006). The brain and fatigue: New opportunities for nutritional interventions? *Journal of Sports Sciences*, *24*(7), 773-782.

Nicholas, C.W., Green, P.A., Hawkins, R.D., & Williams, C. (1997). Carbohydrate intake and recovery of intermittent running capacity. *International Journal of Sports Nutrition*, *7*, 251-260.

Nicholas, C.W., Tsintzas, K., Boobis, L., & Williams, C. (1999). Carbohydrate-electrolyte ingestion during intermittent high-intensity running. *Medicine & Science in Sports and Exercise*, *31*(9), 1280-1286.

Ostojic, S.M., & Mazic, S. (2002). Effects of carbohydrate-electrolyte drink on specific soccer tests and performance. *Journal of Sports Sciences and Medicine, 1*, 47-53.

Pollitt, E., & Mathews, R. (1998). Breakfast and cognition: an integrative summary. *American Journal of Nutrition, 67*, 804S-813S.

Ramsbottom, R., Brewer, J. & Williams, C. (1988). A progressive shuttle run test to estimate maximal oxygen uptake. *British Journal of Sports Medicine, 22*(4), 141-144.

Sparks, M.J., Selig, S.S., & Febbraio, M.A. (1998). Pre-exercise carbohydrate ingestion: effect of the glycemic index on endurance exercise performance. *Medicine & Science in Sports and Exercise, 30*(6), 844-849.

Stannard, S.R., Thompson, M.W., & Brand-Miller J.C. (2000). The effect of glycemic index on plasma glucose and lactate levels during incremental exercise. *International Journal of Sport Nutrition and Exercise metabolism, 10*, 51-61.

Stevenson, E., Williams, C., & Nute, M. (2005a)

The influence of the glycaemic index of breakfast and lunch on substrate utilisation during the postprandial periods and subsequent exercise. *British Journal of Nutrition, 93*, 885-893.

Stevenson, E., Williams, C., Nute, M., Swaile, P., & Tsui, M. (2005b)

The effect of the glycemic index of an evening meal on the metabolic responses to a standard high glycemic index breakfast and subsequent exercise in men. *International Journal of Sports Nutrition and Exercise Metabolism, 15*, 308-322.

Thomas, D.E., Brotherhood, J.R., & Brand, J.C. (1991). Carbohydrate feeding before exercise: effect of glycemic index [Abstract Only]. *International Journal of Sports Medicine*, 12(2), 180-186.

Vergauwen, L., Brouns, F., & Hepel, P. (1998). Carbohydrate supplementation improves stroke performance in tennis. *Medicine and Science in Sports and Exercise*, 30(8), 1289-1295.

Wee, S., Williams, C., Gray, S., & Horabin, J. (1999). Influence of high and low glycemic index meals on endurance running capacity. *Journal of Medicine and Science in Sports and Exercise*, 31(3), 393-399.

Wee, S., Williams, C., Tsintzas, K., & Boobis, L. (2005). Ingestion of a high-glycemic index meal increases muscle glycogen storage at rest but augments its utilization during subsequent exercise. *Journal of Applied Physiology*, 99, 707-714.

Welsh, R.S., Davis, M.J., Burke, J.R., & Williams, H.G. (2002). Carbohydrate and physical/mental performance during intermittent exercise to fatigue. *Medicine and Science in Sports and Exercise*, 34(4), 723-731.

Winter, Eston, & Lamb (2001). Statistical analyses in the physiology of exercise and kinanthropometry. *Journal of Sports Sciences*, 19(10), 761-775.

Winnick, J.J., Davis, J.M., Welsh, R.S., Carmichael, M.D., Murphy, E.A., & Blackmon, J.A. (2005). Carbohydrate feedings during team sport exercise preserve physical and CNS function. *Medicine and Science in Sports and Exercise*, 37(2), 306-315.

Wolever, T.M.S., Jenkins, D.J.A., Jenkins, A.L., & Josse, R.G. (1991). The glycemic index: methodology and clinical implications. *American Journal of Clinical Nutrition*, 54, 846-854.

Wonisch, M., Hofmann, P., Schwabegger, G., Duvillard, S.P., & Klein, W. (2003). Validation of a field test for the non-invasive determination of badminton specific aerobic performance. *British Journal of Sports Medicine*, 37, 115-118.

Wu, C., Nicholas, C., Williams, C., Took, A., & Hardy, L. (2003) The influence of high-carbohydrate meals with different glycaemic indices on substrate utilisation during subsequent exercise. *British Journal of Nutrition*, 90, 1049-1056.

Wu, C., & Williams, C. (2006). A low glycemic index meal before exercise improves endurance running capacity in men. *Journal of Sport Nutrition and Exercise Metabolism*, 16, 510-527.

Zeederburg, C., Leach, L., Lambert, E.V., Noakes, T.D., Dennis, S.C., & Hawley, J.A. (1996). The effects of carbohydrate ingestion on the motor skill proficiency of soccer players. *International Journal of Sport Nutrition*, 6, 348-355.

Secondary References

Boobis, L., Williams, C. & Wootton, S. (1982). Human muscle metabolism during brief maximal exercise. *Journal of Physiology*, 338, 21-22.