

Reference List

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Activity Title:

Fuels of Engagement: Applying Science to the Athlete's Plate Using Effective Communication Strategies

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References:

1. Areta JL, Burke LM, Ross ML, et al. Timing and distribution of protein ingestion during prolonged recovery from resistance exercise alters myofibrillar protein synthesis. *J Physiol*. 2013;591(9):2319-2331.
2. Barnard ND, Goldman DM, Loomis JF, et al. Plant-based diets for cardiovascular safety and performance in endurance sports. *Nutrients*. 2019;11(1):E130.
3. Brennan JL, Keerati-U-Rai M, Yin H, et al. Differential responses of blood essential amino acid levels following ingestion of high-quality plant-based protein blends compared to whey protein—a double-blind randomized, cross-over, clinical trial. *Nutrients*. 2019;11(12):E2987.
4. Burd NA, McKenna CF, Salvador AF, Paulussen KJM, Moore DR. Dietary protein quantity, quality, and exercise are key to healthy living: a muscle-centric perspective across the lifespan. *Front Nutr*. 2019;6:83.
5. Burke LM, Hawley JA, Wong SH, Jeukendrup AE. Carbohydrates for training and competition. *J Sports Sci*. 2011;29 Suppl 1:S17-S27.
6. Burke LM, van Loon LJC, Hawley JA. Post-exercise muscle glycogen resynthesis in humans. *J Appl Physiol (1985)*. 2017;122(5):1055-1067.
7. Burke LM. Re-examining high-fat diets for sports performance: did we call the 'nail in the coffin' too soon? *Sports Med*. 2015;45 Suppl 1:S33-S49.
8. Burkhart SJ, Pelly FE. Dietary intake of athletes seeking nutrition advice at a major international competition. *Nutrients*. 2016;8(10):E638.
9. Creighton BC, Hyde PN, Maresh CM, Kraemer WJ, Phinney SD, Volek JS. Paradox of hypercholesterolaemia in highly trained, keto-adapted athletes. *BMJ Open Sport Exerc Med*. 2018;4(1):e000429.
10. De Palma G, Nadal I, Collado MC, Sanz Y. Effects of a gluten-free diet on gut microbiota and immune function in healthy adult human subjects. *Br J Nutr*. 2009;102(8):1154-1160.
11. Durkalec-Michalski K, Nowaczyk PM, Siedzik K. Effect of a four-week ketogenic diet on exercise metabolism in CrossFit-trained athletes. *J Int Soc Sports Nutr*. 2019;16(1):16.
12. Dutton RJ, Turnbaugh PJ. Taking a metagenomic view of human nutrition. *Curr Opin Clin Nutr Metab Care*. 2012;15(5):448-454.
13. Eichner A, Tygart T. Adulterated dietary supplements threaten the health and sporting career of up-and-coming young athletes. *Drug Test Anal*. 2016;8(3-4):304-306.
14. Fuhrman J, Ferreri DM. Fueling the vegetarian (vegan) athlete. *Curr Sports Med Rep*. 2010;9(4):233-241.
15. Gillen JB, Percival ME, Ludzki A, Tarnopolsky MA, Gibala MJ. Interval training in the fed or fasted state improves body composition and muscle oxidative capacity in overweight women. *Obesity*. 2013;21(11):2249-2255.

16. Garthe I, Maughan R. Athletes and supplements: prevalence and perspectives. *Int J Sport Nutr Exerc Metab*. 2018;28(2):126-138.
17. Hall K et al. A plant-based, low-fat diet decreases ad libitum energy intake compared to an animal-based, ketogenic diet: An inpatient randomized controlled trial. May 2020 <https://osf.io/preprints/nutrixiv/rdjfb/>
18. Hawley JA, Burke LM. Carbohydrate availability and training adaptation: effects on cell metabolism. *Exerc Sport Sci Rev*. 2010;36(4):152-160.
19. Heaton LE, Davis JK, Rawson ES, et al. Selected in-season nutritional strategies to enhance recovery for team sport athletes: a practical overview. *Sports Med*. 2017;47(11):2201-2218.
20. Heikura IA, Burke LM, Hawley JA, et al. A short-term ketogenic diet impairs markers of bone health in response to exercise. *Front Endocrinol (Lausanne)*. 2019;10:880.
21. Heller S. Micronutrient needs of athletes eating plant-based diets. *Nutr Today*. 2019;54(1):23-30.
22. Judkins C, Prock P. Supplements and inadvertent doping - how big is the risk to athletes. *Med Sport Sci*. 2012;59:143-152.
23. Larson-Meyer DE. Vegetarian and vegan diets for athletic training and performance. Gatorade Sports Science Institute website. <https://www.gssiweb.org/sports-science-exchange/article/vegetarian-and-vegan-diets-for-athletic-training-and-performance>. Published December 2018.
24. Lee-Kwan DH, Moore LV, Blanck HM, Harris DM, Galuska D. Disparities in state-specific adult fruit and vegetable consumption — United States, 2015. *MMWR Morb Mortal Wkly Rep*. 2017;66(45):1241-1247.
25. Lis D, Ahuja KD, Stellingwerff T, Kitic CM, Fell J. Food avoidance in athletes: FODMAP foods on the list. *Appl Physiol Nutr Metab*. 2016;41(9):1002-1004.
26. Lis DM, Fell JW, Ahuja KDK, Kitic CM, Stellingwerff T. Commercial hype versus reality: our current scientific understanding of gluten and athletic performance. *Curr Sports Med Rep*. 2016;15(4):262-268.
27. Lis DM, Stellingwerff T, Kitic CM, Fell JW, Ahuja KDK. Low FODMAP: a preliminary strategy to reduce gastrointestinal distress in athletes. *Med Sci Sports Exerc*. 2018;50(1):116-123.
28. Lis DM, Stellingwerff T, Shing CM, Ahuja KDK, Fell JW. Exploring the popularity of gluten-free diets, experiences and beliefs surrounding gluten-free diets in nonceliac athletes. *Int J Sport Nutr Exerc Metab*. 2015;25(1):37-45.
29. McSwiney FT, Wardrop B, Hyde PN, Lafountain RA, Volek JS, Doyle L. Keto-adaptation enhances exercise performance and body composition responses to training in endurance athletes. *Metabolism*. 2018;81:35-34.
30. Melina V, Craig W, Levin S. Position of the Academy of Nutrition and Dietetics: vegetarian diets. *J Acad Nutr Diet*. 2016;116(12):1970-1980.
31. Phillips SM, Moore DR, Tang JE. A critical examination of dietary protein requirements, benefits, and excesses in athletes. *Int J Sport Nutr Exerc Metab*. 2007;17 Suppl:S58-S76.
32. Rodriguez NR, Miller SL. Effective translation of current dietary guidance: understanding and communicating the concepts of minimal and optimal levels of dietary protein. *Am J Clin Nutr*. 2015;101(6):1353S-1358S.
33. Rogerson D. Vegan diets: practical advice for athletes and exercisers. *J Int Soc Sports Nutr*. 2017;14(1):36.
34. Schoenfeld BJ, Aragon AA, Wilborn CD, Krieger JW, Sonmez GT. Body composition changes associated with fasted versus non-fasted aerobic exercise. *J Int Soc Sports Nutr*. 2014;11(1):54.

35. Stokes T, Hector AJ, Morton RW, McGlory C, Phillips SM. Recent perspectives regarding the role of dietary protein for the promotion of muscle hypertrophy with resistance exercise training. *Nutrients*. 2018;10(2):E180.
36. van Loon LJ, Greenhaff PL, Constantin-Teodosiu D, Saris WH, Wagenmakers AJ. The effects of increasing exercise intensity on muscle fuel utilisation in humans. *J Physiol*. 2001;536(Pt 1):295-304.
37. Van Proeyen K, Szlufcik K, Nielens H, Ramaekers M, Hespel P. Beneficial metabolic adaptations due to endurance exercise training in the fasted state. *J Appl Physiol (1985)*. 2011;110(1):1246-1245.
38. Van Proeyen K, Szlufcik K, Nielens H, et al. Training in the fasted state improves glucose tolerance during fat-rich diet. *J Physiol*. 2010;588(Pt 21):4289-4302.
39. Wroble KA, Trott MN, Schweitzer GG, Rahman RS, Kelly PV, Weiss EP. Low-carbohydrate, ketogenic diet impairs anaerobic exercise performance in exercise-trained women and men: a randomized-sequence crossover trial. *J Sports Med Phys Fitness*. 2019;59(4):600-607.