References

1. Liu TH, Wu CL, Chiang CW, Lo YW, Tseng HF, Chang CK. No effect of short-term arginine supplementation on nitric oxide production, metabolism and performance in intermittent exercise in athletes. J Nutr Biochem. 2009 Jun;20(6):462-8.

2. Greer, Beau K; Jones, Brett T. Acute Arginine Supplementation Fails to Improve Muscle Endurance Or Affect Blood Pressure Responses to Resistance Training. Journal of Strength & Conditioning Research: July 2011 - Volume 25 - Issue 7 - pp 1789-1794.

3. American College of Sports Medicine. American College of Sports Medicine position stand. Progression models in resistance training for healthy adults. Med Sci Sports Exerc. 2009 Mar;41(3):687-708.

4. Hoffman JR, Ratamess NA, Kang J, Rashti SL, Faigenbaum AD. Effect of betaine supplementation on power performance and fatigue. J Int Soc Sports Nutr. 2009 Feb 27;6:7.

5. Lee EC, Maresh CM, Kraemer WJ, Yamamoto LM, Hatfield DL, Bailey BL, Armstrong LE, Volek JS, McDermott BP, Craig SA. Ergogenic effects of betaine supplementation on strength and power performance. J Int Soc Sports Nutr. 2010 Jul 19;7:27.

6. Lever M, Slow S. The clinical significance of betaine, an osmolyte with a key role in methyl group metabolism. Clin Biochem. 2010 Jun;43(9):732-44.

7. Francaux M, Demeure R, Goudemant JF, Poortmans JR. Effect of exogenous creatine supplementation on muscle PCr metabolism. Int J Sports Med. 2000 Feb;21(2):139-45.

8. Kilduff LP, Vidakovic P, Cooney G, Twycross-Lewis R, Amuna P, Parker M, Paul L, Pitsiladis YP. Effects of creatine on isometric bench-press performance in resistance-trained humans. Med Sci Sports Exerc. 2002 Jul;34(7):1176-83.

9. van Loon LJ, Oosterlaar AM, Hartgens F, Hesselink MK, Snow RJ, Wagenmakers AJ. Effects of creatine loading and prolonged creatine supplementation on body composition, fuel selection, sprint and endurance performance in humans. Clin Sci (Lond). 2003 Feb;104(2):153-62.

10. Mihic S, MacDonald JR, McKenzie S, Tarnopolsky MA. Acute creatine loading increases fat-free mass, but does not affect blood pressure, plasma creatinine, or CK activity in men and women. Med Sci Sports Exerc. 2000 Feb;32(2):291-6.

11. Parise G, Mihic S, MacLennan D, Yarasheski KE, Tarnopolsky MA. Effects of acute creatine monohydrate supplementation on leucine kinetics and mixed-muscle protein synthesis. J Appl Physiol. 2001 Sep;91(3):1041-7.

12. Willoughby DS, Rosene J. Effects of oral creatine and resistance training on myosin heavy chain expression. Med Sci Sports Exerc. 2001 Oct;33(10):1674-81.

13. Willoughby DS, Rosene JM. Effects of oral creatine and resistance training on myogenic regulatory factor expression. Med Sci Sports Exerc. 2003 Jun;35(6):923-9.

14. Saremi A, Gharakhanloo R, Sharghi S, Gharaati MR, Larijani B, Omidfar K. Effects of oral creatine and resistance training on serum myostatin and GASP-1. Mol Cell Endocrinol. 2010 Apr 12;317(1-2):25-30.

15. Walberg-Rankin J, Hawkins C, et al. The effect of oral arginine during energy restriction in male weight trainers. J Strength Cond Res. 1994;8:170–7.

16. Schwedhelm E, Maas R, Freese R, Jung D, Lukacs Z, Jambrecina A, Spickler W, Schulze F, Böger RH. Pharmacokinetic and pharmacodynamic properties of oral L-citrulline and L-arginine: impact on nitric oxide metabolism. Br J Clin Pharmacol. 2008 Jan;65(1):51-9.

17. Dhanakoti SN, Brosnan JT, Herzberg GR, Brosnan ME. Renal arginine synthesis: studies in vitro and in vivo. Am J Physiol. 1990 Sep;259(3 Pt 1):E437-42.

18. Wilkerson JE, Batterton DL, Horvath SM. Exercise-induced changes in blood ammonia levels in humans. Eur J Appl Physiol Occup Physiol. 1977 Dec 22;37(4):255-63.

19. Brodan V, Kuhn E, Pechar J, Tomková D. Changes of free amino acids in plasma of healthy subjects induced by physical exercise. Eur J Appl Physiol Occup Physiol. 1976 Mar 9;35(1):69-77.

20. Schwemmer M, Bassenge E. New approaches to overcome tolerance to nitrates. Cardiovasc Drugs Ther. 2003 Mar;17(2):159-73.

21. Watanabe H, Kakihana M, Ohtsuka S, Sugishita Y. Randomized, double-blind, placebo-controlled study of the preventive effect of supplemental oral vitamin C on attenuation of development of nitrate tolerance. J Am Coll Cardiol. 1998 May;31(6):1323-9.

22. Kaminski M, Boal R. An effect of ascorbic acid on delayed-onset muscle soreness. Pain. 1992 Sep;50(3):317-21.

23. Jakeman P, Maxwell S. Effect of antioxidant vitamin supplementation on muscle function after eccentric exercise. Eur J Appl Physiol Occup Physiol. 1993;67(5):426-30.

24. Shafat A, Butler P, Jensen RL, Donnelly AE. Effects of dietary supplementation with vitamins C and E on muscle function during and after eccentric contractions in humans. Eur J Appl Physiol. 2004 Oct;93(1-2):196-202.

25. Cauli O, Morelli M. Caffeine and the dopaminergic system. Behav Pharmacol. 2005 Mar;16(2):63-77.

26. Davis JK, Green JM. Caffeine and anaerobic performance: ergogenic value and mechanisms of action. Sports Med. 2009;39(10):813-32.

27. Davis JM, Zhao Z, Stock HS, Mehl KA, Buggy J, Hand GA. Central nervous system effects of caffeine and adenosine on fatigue. Am J Physiol Regul Integr Comp Physiol. 2003 Feb;284(2):R399-404.

28. Woolf K, Bidwell WK, Carlson AG. The effect of caffeine as an ergogenic aid in anaerobic exercise. Int J Sport Nutr Exerc Metab. 2008 Aug;18(4):412-29.

29. Lee CL, Cheng CF, Lin JC, Huang HW. Caffeine's effect on intermittent sprint cycling performance with different rest intervals. Eur J Appl Physiol. 2011 Sep 30.

30. Green JM, Wickwire PJ, McLester JR, Gendle S, Hudson G, Pritchett RC, Laurent CM. Effects of caffeine on repetitions to failure and ratings of perceived exertion during resistance training. Int J Sports Physiol Perform. 2007 Sep;2(3):250-9.

31. Astorino TA, Terzi MN, Roberson DW, Burnett TR. Effect of caffeine intake on pain perception during high-intensity exercise. Int J Sport Nutr Exerc Metab. 2011 Feb;21(1):27-32.

32. Duncan MJ, Oxford SW. The effect of caffeine ingestion on mood state and bench press performance to failure. J Strength Cond Res. 2011 Jan;25(1):178-85.

33. Tarnopolsky MA. Effect of caffeine on the neuromuscular system--potential as an ergogenic aid. Appl Physiol Nutr Metab. 2008 Dec;33(6):1284-9.

34. Nehlig A. Is caffeine a cognitive enhancer? J Alzheimers Dis. 2010;20 Suppl 1:S85-94.

35. Glade MJ. Caffeine-Not just a stimulant. Nutrition. 2010 Oct;26(10):932-8.

36. Wang Q, Gong Q, Wu Q, Shi J. Neuroprotective effects of Dendrobium alkaloids on rat cortical neurons injured by oxygen-glucose deprivation and reperfusion. Phytomedicine. 2010 Feb;17(2):108-15.

37. Shui-Ying Hu. Dendrobium in Chinese medicine. Economic Botany. Volume 24, Number 2, 165-174.

38. Sabelli HC, Javaid JI. Phenylethylamine modulation of affect: therapeutic and diagnostic implications. J Neuropsychiatry Clin Neurosci. 1995 Winter;7(1):6-14.

39. Szabo A, Billett E, Turner J. Phenylethylamine, a possible link to the antidepressant effects of exercise? Br J Sports Med. 2001 Oct;35(5):342-3.

40. Koda H, Yokoo Y, Matsumoto N, Suwa Y, Fukazawa H, Ishida H, Tsuji K, Nukaya H, Kuriyama K. Antagonistic effect of N-methyltyramine on alpha2-adrenoceptor in mice. Jpn J Pharmacol. 1999 Nov;81(3):313-5.

41. Fuhr U, Klittich K, Staib AH. Inhibitory effect of grapefruit juice and its bitter principal, naringenin, on CYP1A2 dependent metabolism of caffeine in man. Br J Clin Pharmacol. 1993 Apr;35(4):431-6.