

SafetyNet Projects 3abc Publications on Human Cold Working Conditions[†]

1. Behm D.G., Power K., White M.D., LeDez K., Decker D., Drinkwater E. Effects of Hyperbaric (6 ATA) Pressure on Voluntary and Evoked Skeletal Muscle Contractile Properties. *Undersea and Hyperbaric Medicine* 30(2): 103-115, 2003
2. Cheung, S.S., Montie, D.L. White, M.D., and Behm, D. Changes in manual dexterity following short-term hand and forearm immersion in 10 degrees C water. *Aviat. Space. Environ. Med.* 74(9): 990-93, 2003.
3. White M.D., Power J. T., Bradbury E. E., Pope J.D., Petrie L., Cheung S.S. Maximum breath hold time during face immersion across gender and water temperatures from 0 to 20°C, European Undersea Baromedical Conference, Brugge, Belgium, Sept 4-8, 2002, pp.143-147.
4. White M.D., Pope J.D., Bradbury E. E., Power J. T., Petrie L., Cheung S. S. Heart rate responses during face immersion across gender and water temperatures from 0 to 20°C. European Undersea Baromedical Conference, Brugge, Belgium, Sept 4-8, 2002, pp. 153-157.
5. Power J. T., Cheung, S.S., Petrie, L., White, MD. Breath-hold duration and heart rate responses across gender during moderate intensity exercise after sudden face immersion. European Undersea Baromedical Conference, Copenhagen, Denmark, Aug 27-31, 2003, pp. 41-45.
6. Powell, M. E. S., Power, J. T., Cheung, S. S., White, M. D. Limited acclimation of the upper limb to repeated cold-water immersion. European Undersea Baromedical Conference, Copenhagen, Denmark, Aug 27-31, 2003, pp. 130-134.
7. Behm D.G., White M.D., LeDez K., Decker D., Power K. Hyperbaric Pressure Depresses The Force- EMG Relationship. Undersea and Hyperbaric Medical Society Meeting, San Antonio, Texas. June 2001., p 54.
8. Behm D.G., White M.D. LeDez K., Decker D., Power K. Force-Frequency Relationship of Human Skeletal Muscle Differentially Affected By Hyperbaric Pressures School of Physical Education, Recreation and Athletics, Undersea and Hyperbaric Medical Society Meeting, San Antonio, Texas, June 2001, p 54.
9. White M.D., Power J.T., Bradbury E.E., Pope J.D., Petrie L., Cheung S.S. Maximum

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breath hold time during face immersion across gender and water temperatures from 0 to 20°C, European Undersea Baromedical Conference, Brugge, Belgium, Sept 4-8, 2002.

10. White M.D., Pope J.D., Bradbury E.E., Power J.T., Petrie L., Cheung S.S ..Heart rate responses during face immersion across gender and water temperatures from 0 to 20°C European Undersea Baromedical Conference, Brugge, Belgium, Sept 4-8, 2002.

11. Cheung, S.S., Smith, M.L., White, M.D., Behm, D. Effects of apneic training on short-term cold-water immersion. Canadian Society for Exercise Physiology Conference, Oct 16-19, 2002, St. John's, Canada, CSEP Conference Proceedings.

12. Montie D.L., Cheung, S.S., White, M.D., Behm, D. Time course of manual impairment during cold-water immersion. Canadian Society for Exercise Physiology Conference, Oct 16-19, 2002, St. John's, Canada, CSEP Conference Proceedings.

13. Powell, M.E.S., White, M.D., Power, J. T., Pope, J., Cheung, S.S., Behm, D. A gender comparison of upper limb manual dexterity and strength changes during limb cooling. Canadian Society for Exercise Physiology Conference, Oct 16-19, 2002, St. John's, Canada, CSEP Conference Proceedings.

14. Bradbury, E., White, M.D., Power, J., Pope, J., Petrie L. Cheung, S. Acral and nonacral cutaneous blood flow responses to face immersion in women. Canadian Society for Exercise Physiology Conference, Oct 16-19, 2002, St. John's, Canada, CSEP Conference Proceedings.

15. Hall, A. M., White, M.D., Jennings, J. Martin, D. Cheung, S.S., Behm, D. Core temperature thresholds for ventilation during exercise with 30% nitrous oxide inhalation. Canadian Society for Exercise Physiology Conference, Oct 16-19, 2002, St. John's, Canada, CSEP Conference Proceedings.

16. Power, J. T., White, M.D., Bradbury, E.E., Pope, J., Petrie L., Cheung, S. Correlates of breath hold time with face immersion in 0 to 20°C water. Canadian Society for Exercise Physiology Conference, Oct 16-19, 2002, St. John's, Canada, CSEP Conference Proceedings, p. 36.

17. Richardson, M.X., Cheung, S.S., White, M. D. Event related potential analysis of continuous performance task during whole body cooling. Canadian Society for Exercise Physiology Conference, Oct 16-19, 2002, St. John's, Canada, CSEP Conference Proceedings, p. 68.

18. White, M.D., Powell, M., Power, J., Pope, J., Cheung, S.S. Limited acclimation of the upper human limb to repeated cold-water immersion. Canadian Physiological Society Winter Meeting, January, 2003, Quebec, Quebec.

19. Hall, A.M., Cheung, S.S., Powell, M. E. S., White, M.D. Effects of 30% nitrous oxide and hyperthermia on human ventilation during short duration, high intensity exercise European Undersea Baromedical Conference, Copenhagen, Denmark, Aug 27-31, 2003, 85.

20. Alexandrou, E., Herzberg, G. R., White, M.D. Effect of High Level Medium Chain Triglyceride Feeding on postprandial fat oxidation in pre-menopausal, non-obese women, Experimental Biology Conference, Apr 16-21, 2004, Washington, DC, USA.

21. White, M.D., Martin, D. J., Hall, A. M. Core temperature thresholds for ventilation, eccrine sweating and cutaneous blood flow in hyperthermic, exercising humans. Experimental Biology Conference, Apr 16-21, 2004, Washington, DC, USA.