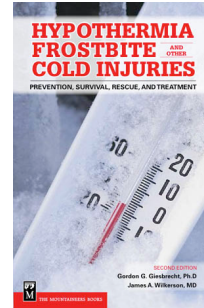


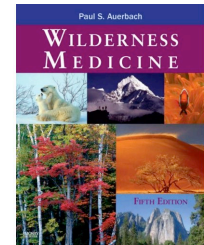
Cold Related Publications

1. Giesbrecht GG and J Wilkerson. **Hypothermia Frostbite and Other Cold Injuries**. The Mountaineers, Seattle, Washington. 2006.

To order <http://www.amazon.com/Hypothermia-Frostbite-Other-Cold-Injuries/dp/0898868920>.



2. Giesbrecht GG, Steinman AM. Immersion in cold water. In ed. PS Auerbach, **Wilderness Medicine Management of Wilderness and Environmental Emergencies** (5th edition), Mosby, St. Louis. Pp 197-225, 2007.



Selected Scientific Publications

3. Lundgren P, Henriksson O, Pretorius T, Cahill F, Bristow G, Chochinov A, Pretorius A, Bjornstig U. Field Torso Warming Modalities; a Comparative Study Using a Human Model. **Prehospital Emerg Care**. July, 2009
4. Giesbrecht GG, Pretorius T. Survey of public knowledge and responses to educational slogans regarding cold water immersion. **Wild Environ Med**. 2008; 19: 261-66.
5. Brändström H, H Grip, P Hallberg, C Grönlund, K-A Ängqvist, GG Giesbrecht. Hand cold recovery responses before and after 15 months of military training in a cold climate. **Aviat Space Environ Med**. 2008; 79: 904-908.
6. Grissom CK, JC McAlpine, CH Harmston, MI Radwin, MB Scholand, JS Morgan, GG Giesbrecht. Hypercapnea increases respiratory heat loss and body core cooling during snow burial. **Aviat Space Environ Med**. 2008;79:735-742.
7. Pretorius T, F Cahill, S Kocay and GG Giesbrecht. Shivering heat production and core cooling during head-in and head-out immersion in 17°C water. **Aviat Space Environ Med**. 2008. 79: 495-499.
8. Giesbrecht GG, C Jamieson, F Cahill. Including forearms, along with hands, in cold water immersion effectively cools hyperthermic firefighters. **Aviat Space Environ Med**. 2007; 78: 561-567.
9. Castellani, JW, AJ Young, MB Ducharme, GG Giesbrecht, E Glickman, RE Sallis. American College of Sports Medicine position stand: prevention of cold injuries during exercise. **Med Sci Sports Med**. 2006; 38: 2012-29.
10. Pretorius T, GK Bristow, AM Steinman, GG Giesbrecht. Thermal effects of whole head submersion in cold water on non-shivering humans. **J Appl Physiol**. 2006; 101: 669-675.
11. Giesbrecht GG, JS Hayward. Problems and complications with cold water rescue. **Wilderness Environ Med**. 2006; 17: 26-30.

12. Hultzer M, X Xu, C Marrao, A Chichinov, G Giesbrecht. Pre-hospital torso-warming modalities for severe hypothermia: a comparative study using a human model. **Can J Emergency Med.** 2005; 7: 378-86.
13. Giesbrecht GG, T Lockhart, GK Bristow, AS Steinman. Thermal effects of dorsal head immersion in cold water on non-shivering humans. **J Appl Physiol.** 2005; **99**; 1961-1967.
14. Lockhart T, AS Steinman, C Jamieson, GG Giesbrecht. Life jacket design affects dorsal head and chest exposure, core cooling and cognition in 10°C water. **Aviat Space Environ Med.** 2005;**76**:954-962.
15. Giesbrecht GG. Bad decisions, poor outcomes: a visual model for how humans make some threatening events worse. **J Special Operations Medicine.** 2005; 5: 24-27.
16. Tikuisis P, D Elyofson, X Xu, GG Giesbrecht. Shivering endurance and fatigue during cold water immersion. **Eur J Appl Physiol.** 87: 50-58, 2002.
17. Elyofson, DA, X Xu, G Weseen, P Tikuisis, GG Giesbrecht. Measurement and prediction of maximal shivering intensity in humans. **Eur. J. Appl. Physiol.** 84: 100-106, 2001.
18. Giesbrecht, GG. Cold stress, near drowning and accidental hypothermia: A review. **Aviat Space Environ Med.** 71:733-52, 2000.
19. Kuklane K, I Holmer, G. Giesbrecht. Change of footwear insulation at various sweating rates. **App. Hum. Sci.** 18: 161-168, 1999.
20. Vanggaard L, D Elyofson, X Xu, G Weseen and GG Giesbrecht. Immersion of distal arms and legs in warm water (AVA rewarming) effectively rewarms mildly hypothermic humans. **Aviat Space Environ Med.** 11:1081-88, 1999.
21. Tikuisis P, GG Giesbrecht. Prediction of shivering heat production from core and mean skin temperatures. **Eur J Appl Physiol.** 79:221-9, 1999.
22. Xu X, P Tikuisis, GG Giesbrecht. A mathematical model for human brain cooling during cold water near-drowning. **J Appl Physiol.** 86: 265-272, 1999
23. Giesbrecht GG, CE Johnston, GK Bristow. The convective afterdrop component during hypothermic exercise decreases with delayed exercise onset. **Aviat Space Environ Med.** 69: 17-22, 1998.
24. Goheen S, M Ducharme, J Frim, GP Kenny, GK Bristow, GG Giesbrecht. Efficacy of forced-air and inhalation rewarming using a human model for severe hypothermia. **J Appl Physiol.** 83:1635-1640, 1997.
25. Giesbrecht GG, S Goheen, CE Johnston, GP Kenny, JS Hayward, GK Bristow. Inhibition of shivering increases core temperature afterdrop and attenuates rewarming in hypothermic humans. **J Appl Physiol.** 83:1630-1634, 1997.
26. Johnston CE, GK Bristow, D Elias, and GG Giesbrecht. Alcohol lowers the vasoconstriction threshold in humans without affecting core cooling rate during mild cold exposure. **Eur J Appl Physiol.** **74**: 293-295, 1996.
27. Johnston CE, DA Elias, AE Ready and GG Giesbrecht. Hypercapnia lowers the shivering threshold and increases core cooling rate in humans. **Aviat Space Environ Med.** **67**: 438-444, 1996.

28. Johnston CE, MD White, M Wu, GK Bristow and GG Giesbrecht. Eucapnic hypoxia lowers human cold thermoregulatory response thresholds and accelerates core cooling. **J Appl Physiol. 80: 422-429, 1996.**
29. GG Giesbrecht, M Wu, MD White, CE Johnston, and GK Bristow. Isolated effects of peripheral arm and central body cooling on arm performance. **Aviat Space Environ Med. 66: 968-975, 1995.**
30. Giesbrecht GG. The Respiratory System in a Cold Environment. **Aviat Space Environ Med. 66: 890-902, 1995.**
31. Giesbrecht GG, M Schroeder and GK Bristow. Treatment of mild immersion hypothermia by forced-air warming. **Aviat Space Environ Med. 65: 803-8, 1994.**
32. Giesbrecht GG, DI Sessler, IB Mekjavic, M Schroeder and GK Bristow. Treatment of mild immersion hypothermia by direct body-to-body contact. **J Appl Physiol. 76: 2373-2379, 1994.**
33. Giesbrecht GG, JL Arnet, E Vela, and GK Bristow. Effect of task complexity on mental performance during immersion hypothermia. **Aviat Space and Environ Med. 64: 206-11, 1993.**
34. Giesbrecht GG, and GK Bristow. Decrement in manual arm performance during whole body cooling. **Aviat Space and Environ Med. 63: 1077-81, 1992.**
35. Giesbrecht GG, and GK Bristow. A second post-cooling afterdrop: evidence for a convective mechanism. **J Appl Physiol. 73: 1253-58, 1992.**
36. Bristow GK, and GG Giesbrecht. Contribution of exercise and shivering to recovery from induced hypothermia (31.2°C) in man. **Aviat Space Environ Med 59:549-552, 1988.**
37. Giesbrecht GG, GK Bristow, A Uin, AE Ready, and RA Jones. Effectiveness of three field treatments for induced mild (33.0°C) hypothermia. **J Appl Physiol 36(6):2375-2379, 1987.**