



Continue

Milic-Emili, J.M. Petit and G. Cavagna. Mechanical breathing during muscle exercises. *J. Appl. Physiol.* 15: 354-358, 1960. PubMedGoogle ScholarMcCloskey D.I. and J.H. Mitchell. The reflex of the cardiovascular and respiratory reactions occurring in the exercise of the muscles. *J. Physiol.* 224: 173-186, 1972. PubMedGoogle ScholarMead J. Mechanical lung properties. *Physiol. Rev.* 41: 281-329, 1961. PubMedGoogle ScholarMitchell J.H., D.R. Reeves, H.B. Rogers, and N.H. Secher. Epidural anaesthesia and cardiovascular reactions to static exercises in a person. *J. Physiol. (Lond.)* 417: 13-24, 1989. Google ScholarMitchell J. and B. Saltin. Oxygen transport and the concept of maximum oxygen absorption. Chapter 6, this volume. Google ScholarNeilsen M. Untersuchungen ueber die Atemregulation beim Menschen, besonders mit Hinblick auf die Art de chemischen Reizes. The scandal. *Arch Physiol.* 74 (Suppl 10): 83-208, 1936. Google ScholarNoakes T.D. Oxygen absorption: classic vs. viewpoint: rebuttal. *Med. Sci. Sports Exer.* 30: 1381-1398, 1998. Google ScholarO'Donnell D.E., J.C. Bentley, L.C.L. Chow, and C.A. Webb. High-quality aspects of shortness of breath in chronic airflow restriction: pathophysiological mechanisms. *Am. J. Respir. Crit. Care Med.* 155: 109-115, 1997. PubMedGoogle ScholarOreli A. Breathing work. *Physiol. Rev.* 34: 449-472, 1954. PubMedGoogle ScholarOlafsson S.A. Vagal sensory receptors and their reflex effects. *Physiologist* Reverend 53: 159-227, 1973. PubMedGoogle ScholarPan L.G., H.W. Forster, A.G. Bryce, T.F. Lowry, C.L. Murphy and D. Wurster. The effect of multiple deoxygenations on hyperpnea exercises in pony wakes. *J. Appl. Physiol.* 79: 302-311, 1995. PubMedGoogle ScholarPatterson D. Potassium and ventilation during exercise. *J. Appl. Physiol.* 72: 811-820, 1992. Google ScholarPiccar J.G., J.M. Hill and M.P. Kaufman. Stimulation of vagal afferents inhibits movement in mesencephalic cats. *J. Appl. Physiol.* 74: 103-110, 1993. PubMedGoogle ScholarPiper J. and P. Scheid. Model for capillary-alveolar equilibrium with a special reference to O₂ absorption in hypoxia. *Spear. Physiol.* 46: 193-208, 1981. PubMedGoogle ScholarPowers S., J. Lawler, J. Criswell, C.L. Foo, and D. Martin. Aging and respiratory muscle metabolic plasticity: the effects of endurance training. *J. Appl. Physiol.* 72: 1068-1073, 1992. PubMedGoogle ScholarRahn H. and W.O. Fenn. Graphic analysis of the respiratory gas exchange. Washington, D.C.: American Physiological Society, 1955. Google ScholarRausch S. M., B.J. Whipp, K. Wasserman, and A. Huszczuk. The role of carotid artery organs in respiratory compensation for metabolic acidosis is exercise in humans. *J. Physiol. (Lond.)* 444: 567-578, 1991. Google ScholarReinhardt U., P.H. Mueller, and R.M. Schmueli. Determining the anaerobic threshold by ventilation equivalent in normal people. *Breath* 38: 36-42, 1992. PubMedGoogle ScholarRowell L.R., and A. Kurnand. Perfect alveolar air and analysis of vent perfusion communication in the lungs. *J. Appl. Physiol.* 1: 825-847, 1949. PubMedGoogle ScholarRiley R. Pulmonary function in relation to exercise. In: *Science Medicine of Sports Physical Education*, edited by W.R. Johnson. New York: Harper Brothers, 1960, page 162-177. Google ScholarRiley R.L. Hyperpnea Exercise. In: *Human Breathing Regulation*, edited by DJJS Cunningham and B.B. Lloyd. Oxford: Blackwell, 1963, p. ScientistRuss K.S. and P.T. McLem. Diaphragmatic fatigue in a person *J. Appl. Physiol.* 43: 189-197, 1977. PubMedGoogle ScholarRowell L.B., H.L. Taylor, Y. Wang, and W.S. Carlson. Saturating arterial blood with oxygen during maximum exercise. *J. Appl. Physiol.* 19: 284-286, 1964. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T.J., B.J. Whipp, K. Wasserman. Ventilated control during brief infusions of CO₂-laden blood into the awake dog. *J. Appl. Physiol.* 35: 178-186, 1973. PubMedGoogle ScholarSzyllo z. Water that is not wet hands. Warsaw: Polish Academy of Sciences, 1994, page 82-85. Google ScholarShepherd R.H. Effect of pulmonary diffusability on exercise tolerance. *J. Appl. Physiol.* 12: 487-498, 1958. Google ScholarSmith C.A., C.A. Harms, K.S. Henderson and J.A. Dempsey. The vent effects of specific carotid artery hypoxia and hypocapnia in awake dogs. *J. Appl. Physiol.* 82: 791-798, 1997. PubMedGoogle ScholarStewart P.A. Independent and dependent acid-base control variables. *Spear. Physiol.* 33: 9-26, 1978. PubMedGoogle ScholarSutton J.R., J.T. Reeves, P.D. Wagner, et al. Operation Everest II: transporting oxygen during exercises at extremely simulated altitudes. *J. Appl. Physiol.* 64: 1309-1312, 1988. PubMedGoogle ScholarSylvester T