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Calculation of percentage changes in volumes of blood, plasma, and red cells in dehydration

DOI: 10.1152/jappl.1974.37.2.247 Journal of Applied Physiology, 1974, 37, 247-8.

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946	Effects of three consecutive days exercise on lymphocyte DNA damage in young men. 2010, 110, 307-14	11
945	Plasma nesfatin-1 and glucoregulatory hormone responses to two different anaerobic exercise sessions. 2010 , 110, 863-8	20
944	Practical neck cooling and time-trial running performance in a hot environment. 2010 , 110, 1063-74	60
943	Separate and combined effects of heat stress and exercise on circulatory markers of oxidative stress in euhydrated humans. 2010 , 110, 953-60	19

942	Thermoregulatory responses to ice-slush beverage ingestion and exercise in the heat. 2010 , 110, 1163-73	54
941	Effect of a proprietary protein supplement on recovery indices following resistance exercise in strength/power athletes. 2010 , 38, 771-8	43
940	Plasma catecholamine and nephrine responses following 7 weeks of sprint cycle training. 2010 , 38, 1351-9	6
939	The response of interleukin-6 and soluble interleukin-6 receptor isoforms following intermittent high intensity and continuous moderate intensity cycling. 2010 , 15, 827-33	69
938	Heat and exercise acclimation increases intracellular levels of Hsp72 and inhibits exercise-induced increase in intracellular and plasma Hsp72 in humans. 2010 , 15, 885-95	47
937	Changes in thioredoxin concentrations: an observation in an ultra-marathon race. 2010 , 15, 129-34	15
936	The effect of steady state exercise on circulating human IgE and IgG in young healthy volunteers with known allergy. 2010 , 13, 16-9	4
935	Effect of prolonged walking on cardiac troponin levels. 2010 , 105, 267-72	56
934	Acute variation of leucocytes counts following a half-marathon run. 2010 , 32, 117-21	33
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932	The lack of associations between alleles at the hypoxia-inducible factor 1A C1772T loci and responses to acute hypoxia. 2010 , 21, 219-28	9
931	Effect of 28 days of creatine ingestion on muscle metabolism and performance of a simulated cycling road race. 2010 , 7, 26	20
930	Examination of the efficacy of acute L-alanyl-L-glutamine ingestion during hydration stress in endurance exercise. 2010 , 7, 8	26
929	Effects of low-intensity resistance exercise with blood flow restriction on coagulation system in healthy subjects. 2010 , 30, 210-3	45
928	Effects of aerobic fitness on hypohydration-induced physiological strain and exercise impairment. 2010 , 198, 179-90	53
927	Effect of volume loading on the Frank-Starling relation during reductions in central blood volume in heat-stressed humans. 2010 , 588, 3333-9	33
926	'Cross-adaptation': habituation to short repeated cold-water immersions affects the response to acute hypoxia in humans. 2010 , 588, 3605-13	28
925	Are 10 min of seating enough to guarantee stable haemoglobin and haematocrit readings for the athlete's biological passport?. 2010 , 32, 506-11	42

924	Reflex inhibition of electrically induced muscle cramps in hypohydrated humans. 2010, 42, 953-61		29
923	Mechanisms of aerobic performance impairment with heat stress and dehydration. <i>Journal of Applied Physiology</i> , 2010 , 109, 1989-95	3.7	283
922	Leukocyte, neutrophil, immature granulocyte counts and interleukin-6 are superior to procalcitonin, C-reactive protein and delta-He for detection of mild inflammation: data from marathon runners producing mild systemic inflammation visible immediately after the run / Leukozyten, Neutrophile, unreife Granulozyten und Interleukin-6 sind zum Nachweis		1
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916	Effect of hypohydration and altitude exposure on aerobic exercise performance and acute mountain sickness. <i>Journal of Applied Physiology</i> , 2010 , 109, 1792-800	3.7	52
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914	Does ambient temperature affect exercise-induced changes in the main determinants of blood rheology?. 2010 , 46, 13-21		
913	Paradoxical post-exercise responses of acylated ghrelin and leptin during a simulated night shift. 2010 , 27, 590-605		15
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911	Acute ischemic injury to the renal microvasculature in human kidney transplantation. 2010 , 299, F1134-4	10	80
910	Neuromuscular responses to hydration in moderate to warm ambient conditions during self-paced high-intensity exercise. 2010 , 44, 961-7		12
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907	Influence of protein- versus carbohydrate-enriched feedings on physiological responses during an ultraendurance climbing race. 2010 , 42, 31-7		5

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905	The effect of glycerol ingestion on performance during simulated multisport activity. 2010 , 81, 233-8		
904	Altered oxidative stress in overtrained athletes. 2010 , 28, 309-17		67
903	Elevations in ostensibly anabolic hormones with resistance exercise enhance neither training-induced muscle hypertrophy nor strength of the elbow flexors. <i>Journal of Applied Physiology</i> , 2010 , 108, 60-7	3.7	189
902	Brief, high intensity exercise alters serum ghrelin and growth hormone concentrations but not IGF-I, IGF-II or IGF-I bioactivity. 2010 , 20, 289-94		21
901	Inflammatory changes upon a single maximal exercise test in depressed patients and healthy controls. 2010 , 34, 475-8		12
900	Positive correlation between plasma nitrite and performance during high-intensive exercise but not oxidative stress in healthy men. 2010 , 23, 128-35		35
899	Influence of prolonged treadmill running on appetite, energy intake and circulating concentrations of acylated ghrelin. 2010 , 54, 492-8		110
898	Effects of chronic acetazolamide administration on gas exchange and acid-base control in pulmonary circulation in exercising horses. 2010 , 42, 40-50		2
897	New cardiovascular risk factors and physical activity. 2010 , 45, 201-208		3
896	Exercise in systemic sclerosis intensifies systemic inflammation and oxidative stress. 2010 , 39, 63-70		10
895	Effects of rooibos tea, bottled water, and a carbohydrate beverage on blood and urinary measures of hydration after acute dehydration. 2010 , 18, 85-96		19
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893	The impact of acute moderate intensity exercise on arterial regional stiffness, lipid peroxidation, and antioxidant status in healthy males. 2011 , 19, 1-13		17
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891	Energy turnover during 24 hours and 6 days of adventure racing. 2010 , 28, 947-55		34
890	Effects of recovery method after exercise on performance, immune changes, and psychological outcomes. 2010 , 40, 656-65		26
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882	Effect of blueberry ingestion on natural killer cell counts, oxidative stress, and inflammation prior to and after 2.5 h of running. 2011 , 36, 976-84	90
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874	Effect of frusemide on transvascular fluid fluxes across the lung in exercising horses. 2011 , 43, 451-9	4
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869	Control of cerebral blood velocity with furosemide-induced hypovolemia and upright tilt. <i>Journal of Applied Physiology</i> , 2011 , 110, 492-8	3.7	22	
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853	The acute effect of ingesting a quercetin-based supplement on exercise-induced inflammation and immune changes in runners. 2011 , 21, 338-46		48	

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830	Exercise-associated hyponatremia: the influence of pre-exercise carbohydrate status combined with high volume fluid intake on sodium concentrations and fluid balance. 2011 , 111, 797-807	2
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827	Acute high-intensity interval rowing increases thrombin generation in healthy men. 2016 , 116, 1139-48	9
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825	Effects of intravenous infusion of glycerol on blood parameters and urinary glycerol concentrations. 2016 , 262, 121-7	4
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784	Arm and Intensity-Matched Leg Exercise Induce Similar Inflammatory Responses. 2016 , 48, 1161-8	12
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