

Product	Year	Author	Institute	Title	Ref.	Journal/Meeting	Lang	Format	Topic
Quark CPET	2015	David C Nieman, R Andrew Shanelly, Kevin A Zvetslout, Mary Pat Meaney and Gerald E Farris	Appalachian State University, Human Performance Lab, North Carolina Research Campus, 600 Laureate Way, Kannapolis, NC 28081, USA	Ultrasonic assessment of exercise-induced change in skeletal muscle glycogen content	(2015) 7:9	BMC Sports Science, Medicine, and Rehabilitation	EN	Article	Exercise Physiology
Quark CPET	2015	David C. Nieman, Nicholas D. Gillitt, Mary Pat Meaney and Dustin A. Dew	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, NC 28081, USA	No Positive Influence of Ingesting Chia Seed Oil on Human Running Performance	2015, 7, 3666-3676	Nutrients	EN	Article	Running
Quark CPET	2015	Hall-López JA, Ochoa-Martínez PY, Moncada-Jiménez J, Ocampo Méndez MA, Martínez García I, Martínez García MA	Facultad de Deportes, Universidad Autónoma de Baja California, México	Reliability of the maximal oxygen uptake following two consecutive trials by indirect calorimetry.	2015 Apr 1;31(4):1726-32.	Nutr Hosp.	EN/ES	Article	Exercise Physiology
Quark CPET	2015	Larisa B. Postnikova, Ivan A. Dorovskoy, Vladimir A. Kostrov, Igor V. Dolbin, Andrey A. Fedorenko	Nizhny Novgorod, Russia	A capability of cardiopulmonary exercise testing in the assessment of physical health and functional condition of respiratory system in healthy persons	616.24-008.7-07	УДК	RU	Article	Exercise Physiology
Quark CPET	2015	Nourane Y. Azab, Ibrahim I. El Mahalawy, Gehan A. Abd El Aal, Manar H. Taha	Chest Department, Faculty of Medicine, Menoufia University, Egypt	Breathing pattern in asthmatic patients during exercise	2015	Egyptian Journal of Chest Diseases and Tuberculosis	EN	Article	Asthma
Quark CPET	2014	Ali Tiss, Abdelkrim Khadir, Jehad Abubaker, Mohamed Abu-Farha, Irina Al-Khairi, Preethi Cherian, Jeena John, Sina Kavatakkatt, Samia Warsame, Fahad Al-Ghimlas, Naser Elkum, Kazem Behbehani, Said Dermime and Mohammed Dehbi	Department of Biomedical Research, Dasman Diabetes Institute, Kuwait City, Kuwait	Immunohistochemical profiling of the heat shock response in obese non-diabetic subjects revealed impaired expression of heat shock proteins in the adipose tissue	2014, 13:106	Lipids in Health and Disease	EN	Article	Clinical (Obesity)
Quark CPET	2014	Amadeo F. Salvador, Rafael Penteado, Felipe D. Lisboa, Rogério B. Corvino, Eduardo S. Peduzzi, Fabrizio Caputo	Human Performance Research Group, Santa Catarina State University, Florianópolis - SC - Brazil	Physiological and Metabolic Responses to Rescue Simulation in Surf Beach Lifeguarding	June 2014 Volume 17 Number 3	Journal of Exercise Physiology	EN	Article	Exercise Physiology
Quark CPET	2014	Amalie Bisgaard, Kaspar Sørensen, Trine Holm Johannsen, Jørn Wulff Helge, Anna-Maria Andersson and Anders Juul	Department of Growth and Reproduction, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark	Significant gender difference in serum levels of fibroblast growth factor 21 in Danish children and adolescents	2014; 2014(1): 7.	Int J Pediatr Endocrinol.	EN	Article	Paediatric & Children
Quark CPET	2014	Andrada Mihai, Cornelia Zetu, Simona Carniciu, Ariana Picu, Laura Petcu, Cristian Guja, Daniela Lixandru, Constantin Ionescu-Tirgoviste	National Institute of Diabetes, Nutrition and Metabolic Diseases "Prof. N.C. Paulescu", Bucharest, Romania	Gender influence on resting metabolic rate and adipocytokines levels in newly diagnosed type 2 diabetic patients with metabolic syndrome	21(3):193-202	Rom J Diabetes Nutr Metab Dis.	EN	Article	Clinical (Diabetes)
Quark CPET	2014	Angelo Cataldo, Dario Cerasola, Daniele Zangla, Giuseppe Russo, Rosalia Lo Presti and Marcello Traina	Angelo Cataldo, Dario Cerasola, Daniele Zangla, Giuseppe Russo, Rosalia Lo Presti and Marcello Traina	Relationship Between Heart Rate Recovery After Exercise and Maximal Oxygen Uptake in Sedentary Patients with Type 2 Diabetes	Volume 20, Issue 8, 2014 - Page 2113	Exp Clin Cardiol	EN	Article	Clinical (Diabetes)
Quark CPET	2014	Anupama Tyagi, Marc Cohen, John Reece and Shirley Telles	RMIT, West Campus, Bundoora, Victoria, Australia	An explorative study of metabolic responses to mental stress and yoga practices in yoga practitioners, non-yoga practitioners and individuals with metabolic syndrome	2014, 14:445	BMC Complementary and Alternative Medicine	EN	Article	Yoga
Quark CPET	2014	Barron A, Dhutia N, Mayet J, Hughes AD, Francis DP, Wensel R.	International Centre for Circulatory Health, Imperial College, London, UK	Test-retest repeatability of cardiopulmonary exercise test variables in patients with cardiac or respiratory disease	2014 Apr;21(4):445-53	Eur J Prev Cardiol.	EN	Article	Validation
Quark CPET	2014	Bisgaard A, Sørensen K, Johannsen TH, Helge JW, Andersson AM, Juul A	Department of Growth and Reproduction, Rigshospitalet, Copenhagen University Hospital, section 5064 Blegdamsvej 9, DK-2100 Copenhagen, Denmark	Significant gender difference in serum levels of fibroblast growth factor 21 in Danish children and adolescents.	2014;2014(1):7.	Int J Pediatr Endocrinol.	EN	Article	Paediatric & Children
Quark CPET	2014	Carlos Rafael Cordeiro-Oliveira, Ralmyon Alcantara Santos, Marcos David Silva-Cavalcante, Romulo Bertuzzi, Maria Augusta Peduti Dal'Molin Kiss, David John Bishop, Adriano Eduardo Lima-Silva	Sports Science Research Group, Department of Physical Education and Sports Science, CAV, Federal University of Pernambuco, Vitoria de Santo Antao, Pernambuco, Brazil	Prior Low- or High-Intensity Exercise Alters Pacing Strategy, Energy System Contribution and Performance during a 4-km Cycling Time Trial	October 2014 Volume 9 Issue 10	Plos One	EN	Article	Exercise Physiology
Quark CPET	2014	David C. Nieman, Johannes Scherr, Beibei Luo, Mary Pat Meaney, Didier Dreau, Wei Sha, Dustin A. Dew, Dru A. Henson, Kirk L. Pappan	Appalachian State University, Human Performance Lab, North Carolina Research Campus, Kannapolis, NC, United States of America	Influence of Pistachios on Performance and Exercise-Induced Inflammation, Oxidative Stress, Immune Dysfunction, and Metabolite Shifts in Cyclists: A Randomized, Crossover Trial	November 2014 Volume 9 Issue 11 e113725	PLOS ONE	EN	Article	Cycling
Quark CPET	2014	Fahad Al-Ghimlas, Kalaivane Subbramaniam, Osama Al-Owais, Ma. Theresa Bilas, Kazem Behbehani	Dasman Diabetes Institute	The effects of supervised exercise program on health-related physical fitness in Kuwait	4(32):5083-5097, 2014	British Journal of Medicine & Medical Research	EN	Article	Exercise Physiology
Quark CPET	2014	Hauswirth C, Louis J, Aubry A, Bonnet G, Duffield R, LE Meur Y	Laboratory of Sport, Expertise and Performance, National Institute of Sport, Paris, France	Evidence of disturbed sleep and increased illness in overreached endurance athletes	2014 May;46(5):1036-45	Med Sci Sports Exerc.	EN	Article	Exercise Physiology
Quark CPET	2014	Hebestreit H, Schmid K, Kieser S, Junge S, Ballmann M, Roth K, Hebestreit A, Schenk T, Schindler C, Posselt HG, Kriemler S	Pediatric Department, University of Würzburg, Würzburg, Germany	Quality of life is associated with physical activity and fitness in cystic fibrosis.	2014 Feb 27;14:26	BMC Pulm Med.	EN	Article	Clinical (Cystic Fibrosis)
Quark CPET	2014	Heleen A Russchen, Jorrit Slaman, Henk J Stam, Frederike van Markus-Doombosch, Rita J van den Berg-Emons, Marij E Roebroek	Department of Rehabilitation Medicine, Erasmus MC, University Medical Center, Rotterdam, the Netherlands	Focus on fatigue amongst young adults with spastic cerebral palsy	2014, 11:161	Journal of NeuroEngineering and Rehabilitation	EN	Article	Clinical (Cerebral Palsy)
Quark CPET	2014	Hisham El-Said Abdel-Aaty, Mohammed Attia Zamzam, Nourane Yehia Azab, Rabab Abd El Razeq El Wahsh, Samah Ahmed El Beltagy	Chest Department, Faculty of Medicine, Menoufia University, Egypt	Comparison of GOLD classification and modified BODE index as staging systems of COPD	(2014) 63, 821–828	Egyptian Journal of Chest Diseases and Tuberculosis	EN	Article	Clinical (COPD)

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Quark CPET	2014	Howard A. Fortner, Jeanette M. Salgado, Angelica M. Holmstrup, and Michael E. Holmstrup	Department of Public and Allied Health Sciences, Delaware State University, Dover, DE USA	Cardiovascular and Metabolic Demands of the Kettlebell Swing using Tabata Interval versus a Traditional Resistance Protocol	7(3) : 179-185, 2014	International Journal of Exercise Science	EN	Article	Conditioning
Quark CPET	2014	Myers J, McElrath M, Jaffe A, Smith K, Fonda H, Vu A, Hill B, Dalman R	Division of Cardiology, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA	A randomized trial of exercise training in abdominal aortic aneurysm disease	2014 Jan;46(1):2-9	Med Sci Sports Exerc.	EN	Article	Cardiology
Quark CPET	2014	Myoung-Hee Lee, Min Chu	Department of Physical Therapy, Kyungsoong University, S Korea	Correlations between Craniovertebral Angle(CVA) and Cardiorespiratory Function in Young Adults	2014; 9(1): 107-113	J Korean Soc Phys Med	EN/CH	Article	Exercise Physiology
Quark CPET	2014	Nieman DC, Meaney MP, Shanely RA, Farris G.	Appalachian State University Human Performance Lab at the North Carolina Research Campus, Kannapolis	Validation of the MuscleSound® Ultrasound Device for Quantifying Change in Skeletal Muscle Glycogen Content	2014 May		EN	Study	Product Validation
Quark CPET	2014	Nooijen C, Slaman J, van der Slot W, Stam H, Roebroek M, van den Berg-Emons R	Department of Rehabilitation Medicine, Research Lines MoveFit & Transition and Lifespan Research, Erasmus MC, University Medical Center	Health-related physical fitness of ambulatory adolescents and young adults with spastic cerebral palsy.	2014 Apr 8	J Rehabil Med.	EN	Article	Clinical (Cerebral Palsy)
Quark CPET	2014	Rahel Waldburger	Adipositas-Zentrum des Kantonsspitals St. Gallen, Schweiz	Energieverbrauchsmessung und sportmotorische Leistungsfähigkeit bei Adipositas und nach bariatrischer Chirurgie	2014		DE	Dissertation	Clinical (Obesity)
Quark CPET	2014	Russchen HA, Slaman J, Stam HJ, van Markus-Doornbosch F, van den Berg-Emons RJ,	Department of Rehabilitation Medicine, Erasmus MC, University Medical Center, Rotterdam, the Netherlands.	Focus on fatigue amongst young adults with spastic cerebral palsy	2014 Dec 11;11(1):161	J Neuroeng Rehabil	EN	Article	Clinical (Cerebral Palsy)
Quark CPET	2014	Sung-Jin Hong, Jong-Chan Youn, Jaewon Oh, Namki Hong, Hye Sun Lee, Sungha Park, Sang-Hak Lee, Donghoon Choi, and Seok-Min Kang	Division of Cardiology, Severance Cardiovascular Hospital and Cardiovascular Research Institute, Yonsei University College of Medicine, Seoul, S Korea	Red Cell Distribution Width as an Independent Predictor of Exercise Intolerance and Ventilatory Inefficiency in Patients with Chronic Heart Failure	55(3):635-643, 2014	Yonsei Med J	EN	Article	Clinical (Cardiovascular)
Quark CPET	2014	Suzanne S Kuys, Courtney Clark and Norman R Morris	Griffith Health Institute, Griffith University, Gold Coast, Australia; Metro North Hospital and Health Service, Queensland Health, Brisbane, Australia	Portable Multisensor Activity Monitor (SenseWear) Lacks Accuracy in Energy Expenditure Measurement during Treadmill Walking Following Stroke	Volume 1 • Issue 1 2014	Int J Neurorehabilitation	EN	Article	Product Validation
Quark CPET	2014	Tadej Debevec, Elizabeth J. Simpson, Ian A. Macdonald, Ola Eiken, Igor B. Mekjavic	Department of Automation, Biocybernetics and Robotics, Jozef Stefan Institute, Ljubljana, Slovenia	Exercise Training during Normobaric Hypoxic Confinement Does Not Alter Hormonal Appetite Regulation	June 2014 Volume 9 Issue 6 e98874	Plos One	EN	Article	Altitude
Quark CPET	2014	Zachary I Whinnett, S M Afzal Sohaib, Siana Jones, Andreas Kyriacou, Katherine March, Emma Coady, Jamil Mayet, Alun D Hughes, Michael Frenneaux, Darrel P Francis	International Centre for Circulatory Health, National Heart and Lung Institute, Imperial College London	British randomised controlled trial of AV and VV optimization ("BRAVO") study: rationale, design, and endpoints	2014, 14:42	BMC Cardiovascular Disorders	EN	Article	Cardiology
Quark CPET	2013	Balemans AC, Van Wely L, De Heer SJ, Van den Brink J, De Koning JJ, Becher JG, Dalmeijer AJ.	VU University Medical Centre, Department of Rehabilitation Medicine, MOVE Research Institute, Amsterdam, the Netherlands	Maximal Aerobic and Anaerobic Exercise Responses in Children with Cerebral Palsy	2013 Mar;45(3):561-8	Med Sci Sports Exerc.	EN	Article	Clinical (Cerebral Palsy)
Quark CPET	2013	Beijst C, Schep G, Breda Ev, Wijn PF, Pul Cv.	Eindhoven University of Technology, Department of Applied Physics, The Netherlands	Accuracy and precision of CPET equipment: a comparison of breath-by-breath and mixing chamber systems.	2013 Jan;37(1):35-42	J Med Eng Technol.	EN	Article	Validation
Quark CPET	2013	Carolina Baptista Menezes, Lisiane Bizarro, Shirley Telles	Faculdade de Psicologia, Universidade Federal de Pelotas, Pelotas, Brasil	Yoga, Psychophysiology, and Health: Studies from the Yoga Department Research, Patanjali University, India	2013, Vol. 21, nº 2, 411-417	Temas em Psicologia	EN	Article	Yoga
Quark CPET	2013	Colin McAuslan	Faculty of Human Kinetics, University of Windsor, Canada	Physiological Responses to a Battling Rope High Intensity Interval Training Protocol	2013		EN	Dissertation	Exercise Physiology
Quark CPET	2013	Gaetano Rocco, Tindaro Gatani, Massimo Di Maio, Ilernando Meoli, Antonello La Rocca, Nicola Martucci, Carmine La Manna, Francesco Stefanelli	Department of Thoracic Surgery and Oncology, Division of Thoracic Surgery and Service of Physiopathology, National Cancer Institute, Naples, Italy	The impact of decreasing cutoff values for maximal oxygen consumption (VO2max) in the decision-making process for candidates to lung cancer surgery	2013;5(1):12-18	J Thorac Dis	EN	Article	Clinical (Cancer)
Quark CPET	2013	Gaetano Rocco, Tindaro Gatani, Massimo Di Maio, Ilernando Meoli, Antonello La Rocca, Nicola Martucci, Carmine La Manna, Francesco Stefanelli	1Department of Thoracic Surgery and Oncology, Division of Thoracic Surgery and Service of Physiopathology, National Cancer Institute, Naples, Italy	The impact of decreasing cutoff values for maximal oxygen consumption (VO2max) in the decision-making process for candidates to lung cancer surgery	2013;5(1):12-18	J Thorac Dis	EN	Article	Clinical (Cancer)
Quark CPET	2013	Jaelson Gonçalves Ortiz, Fernando Diefenthaler, Vinicius Milanez, Fabio Yuzo Nakamura, Luiz Guilherme Antonacci Guglielmo, Juliano Fernandes da Silva	Laboratório de Esforço Físico, Universidade Federal de Santa Catarina, Florianópolis/ SC, Brasil	Acute physiological responses of recreational soccer in adult untrained women	18(4):435-436 • Jul/2013	Rev Bras Ativ Fis e Saúde	EN/ES	Article	Football
Quark CPET	2013	Jeffrey Beans, Troy Stevenson, Leslie I Katzel, John D Sorkin, Alberta L Warner, Stephen S. Gottlieb, Kristina Crothers, Adeel A Butt, David A Leaf, Matthew S Freiberg and Krisann K Oursler	University of Maryland School of Medicine, USA	Ambulatory Function in Men with and without HIV Infection: Association with Cardiorespiratory Fitness	2013, S9	J AIDS Clinic Res	EN	Article	Clinical (HIV)
Quark CPET	2013	Jehad Abubaker, Ali Tiss, Mohamed Abu-Farha, Fahad Al-Ghimlas, Irina Al-Khairi, Engin Baturcam, Preethi Cherian, Naser Elkum, Maha Hammad, Jeena John, Sina Kavalakatt, Abdelkrim Khadir, Samia Warsame, Said Dermime, Kazem Behbehani, Mohammed Dehbi	Biomedical Research Department, Dasman Diabetes Institute, Kuwait, Kuwait	DNAJB3/HSP-40 Cochaperone is downregulated in obese humans and is restorer by physical exercise	July 2013 Volume 8 Issue 7 e98217	Plos One	EN	Article	Clinical (Obesity)

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Quark CPET	2013	Jehad Abubaker, Ali Tiss, Mohamed Abu-Farha, Fahad Al-Ghimlas, Irina Al-Khairi, Engin Baturcam, Preethi Cherian, Naser Elkum, Maha Hammad, Jeena John, Sina Kavalakatt, Abdelkrim Khadir, Samia Warsame, Said Dermime, Kazem Behbehani, Mohammed Dehbi	Biomedical Research Department, Dasman Diabetes Institute, Kuwait, Kuwait	Cochaperone Is Downregulated in Obese Humans and Is Restored by Physical Exercise	2013 Jul 24;8(7)	PLOS ONE	EN	Article	Clinical (Obesity)
Quark CPET	2013	Kelly A Brooks, Jeremy G Carter and Jay J Dawes	Department of Kinesiology, Texas A&M University, USA	A Comparison of VO2 Measurement Obtained by a Physiological Monitoring Device and the Cosmed Quark CPET	2013, 3:1	J Nov Physiother	EN	Article	Product Validation
Quark CPET	2013	Mohamed Abu-Farha, Ali Tiss, Jehad Abubaker, Abdelkrim Khadir, Fahad Al-Ghimlas, Irina Al-Khairi, Engin Baturcam, Preethi Cherian, Naser Elkum, Maha Hammad, Jeena John, Sina Kavalakatt, Samia Warsame, Kazem Behbehani, Said Dermime, Mohammed Dehbi	Department of Biomedical Research, Dasman Diabetes Institute, Kuwait, Kuwait	Proteomics Analysis of Human Obesity Reveals the Epigenetic Factor HDAC4 as a Potential Target for Obesity	September 2013 Volume 8 Issue 9 e75342	PLOS ONE	EN	Article	Clinical (Obesity)
Quark CPET	2013	Shulman LM, Katzel LI, Ivey FM, Sorkin JD, Favors K, Anderson KE, Smith BA, Reich SG, Weiner WJ, Macko RF	University of Maryland School of Medicine, Department of Neurology, Baltimore,MD21201, USA	Randomized clinical trial of 3 types of physical exercise for patients with Parkinson disease.	2013 Feb;70(2):183-90.	JAMA Neurol.	EN	Article	Clinical (Parkinson)
Quark CPET	2013	So Young Lee, Sa-Yoon Kang, Sang Hee Im, Bo Ryun Kim, Sun Mi Kim, Ho Min Yoon, Eun Young Han	Departments of Rehabilitation Medicine and 2Neurology, Jeju National University Hospital, Jeju National University College of Medicine, Jeju, South Korea	The Effects of Assisted Ergometer Training With a Functional Electrical Stimulation on Exercise Capacity and Functional Ability in Subacute Stroke Patients	2013;37(5):619-627	Ann Rehabil Med	EN	Article	Cardiology
Quark CPET	2013	Thor Munch-Andersen, Kaspar Sorensen, Niels-Jacob Aachmann-Andersen, Lise Aksglaede, Anders Juul and Jørn W. Helge	Department of Biomedical Sciences, Center for Healthy Aging, University of Copenhagen, Denmark	Ethnic differences in leptin and adiponectin levels between Greenlandic Inuit and Danish children	2013, 72: 21458	Int J Circumpolar Health	EN	Article	Ethnic
Quark CPET	2012	Assia A Bada, Jesper H Svendsen, Niels H Secher, Bengt Saltin and Stefan P Mortensen	Rigshospitalet, Copenhagen, Denmark	Peripheral vasodilation determines cardiac output in exercising humans: Insight from atrial pacing	February 14, 2012	Journal of Physiology	EN	Abstract	Sport science
Quark CPET	2012	Christoph Andreas Siebenmann	University of Zurich	The impact of hypoxia on aerobic exercise capacity	2012		EN	Dissertation	Altitude
Quark CPET	2012	David C. Nieman, Nicholas D. Gillitt, Dru A. Henson, Wei Sha, R. Andrew Shanely, Amy M. Knab, Lynn Cialdella-Kam, Fuxia Jin	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, North Carolina, United States of America	Bananas as an Energy Source during Exercise: A Metabolomics Approach	May 2012 Volume 7 Issue 5 e37479	PLOS ONE	EN	Article	Sport Science
Quark CPET	2012	David C. Nieman, Nicholas D. Gillitt, Dru A. Henson, Wei Sha, R. Andrew Shanely, Amy M. Knab, Lynn Cialdella-Kam, Fuxia Jin	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, North Carolina, United States of America	Bananas as an Energy Source during Exercise: A Metabolomics Approach	May 2012 Volume 7 Issue 5	PLOS ONE	EN	Article	Diet
Quark CPET	2012	G. Mamprin, M. Donà, S. Gambazza	U.O.S. di Fibrosi Cistica, Treviso Italia	La valutazione della prestazione fisica negli adolescenti con fibrosi cistica: relazioni tra diversi test di valutazione	Maggio-Agosto 2012	Rivista italiana di fisioterapia e riabilitazione respiratoria	IT	Article	Clinical (Cystic Fibrosis)
Quark CPET	2012	Michael Nyberg, James R Blackwell, Ramsus Damsgaard, Andrew M Jones, Yiva Hellsten, Stefan P Mortensen	Department of Exercise and Sport Sciences, University of Copenhagen	Lifelong physical activity prevents an age-related reduction in arterial and skeletal muscle nitric oxide bioavailability in humans	August 7, 2012	Journal of Physiology	EN	Abstract	Sport Science
Quark CPET	2012	Michael Nyberg, James R. Blackwell, Rasmus Damsgaard, AndrewM. Jones, Yiva Hellsten and Stefan P. Mortensen	Department of Exercise and Sport Sciences, University of Copenhagen, Copenhagen, Denmark	Lifelong physical activity prevents an age-related reduction in arterial and skeletal muscle nitric oxide bioavailability in humans	590.21 (2012) pp 5361–5370	J Physiol	EN	Article	Exercise Physiology
Quark CPET	2012	Nieman DC, Konrad M, Henson DA, Kennerly K, Shanely RA, Wallner-Liebmann SJ	Human Performance Laboratory, Appalachian State University, Kannapolis, North Carolina 28081, USA.	Variance in the acute inflammatory response to prolonged cycling is linked to exercise intensity.	2012 Jan;32(1):12-7	J Interferon Cytokine Res	EN	Abstract	Sport Science
Quark CPET	2012	Nilkamal Singh and Shirley Telles	Patanjali Research Foundation, Haridwar, India	High frequency yoga breathing increases energy expenditure from carbohydrates	Vol 56, No 5, Supplement 2012	Indian Journal of Physiology and Pharmacology	EN	Article	Yoga
Quark CPET	2012	Shivangi Pathak, Shirley Telles, Acharya Balkrishna	Patanjali Research foundation, Haridwar, India	Effect of right nostril yoga breathing and breath awareness on energy expenditure, tidal volume and ventilation	2012	International Conference on Yoga Naturopathy and Arogya Expo 2012	EN	Abstract	Sport Science
Quark CPET	2012	So Young Lee, Sang Hee Im, Bo Ryun Kim, Jun Hwan Choi, Seog Jae Lee, Eun Young Han	Departments of Rehabilitation Medicine and 2Neurology, Jeju National University Hospital, Jeju National University College of Medicine, Jeju, South Korea	The Effects of Neuromuscular Electrical Stimulation on cardiopulmonary Function in Healthy Adults	2012; 36(6): 849-856	Ann Rehabil Med	EN	Article	Rehabilitation
Quark CPET	2012	Stefan P. Mortensen, Christopher D. Askew, Meegan Walker, Michael Nyberg, Yiva Hellsten	Rigshospitalet, Copenhagen, Denmark	The hyperaemic responsive to passive leg movement is dependent on nitric oxide: a new tool to evaluate endothelial nitric oxide function	June 21, 2012	Journal of Physiology	EN	Abstract	Product Validation
Quark CPET	2012	Thelma P Polyviou, Yannis P Pitsiladis, Wu Chean Lee, Takas Pantazis, Catherine Hambly, John R Speakman3 and Dalia Malkova2	Institute of Cardiovascular and Medical Sciences, Glasgow United Kingdom	Thermoregulatory and cardiovascular responses to creatine, glycerol and alpha lipoic acid in trained cyclists	2012, 9:29	Journal of the International Society of Sports Nutrition	EN	Article	Cycling

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Quark CPET	2012	Wendy M. Miller, Thomas J. Spring, Kerstyn C. Zalesin, Kaylee R. Kaeding, Katherine E. Nori Janosz, Peter A. McCullough and Barry A. Franklin	Department of Medicine, Divisions of Nutrition and Preventive Medicine and Preventive Cardiology, Oakland University, William Beaumont School of Medicine, Beaumont Health System, Royal Oak, Michigan, USA	Lower Than Predicted Resting Metabolic Rate Is Associated With Severely Impaired Cardiorespiratory Fitness in Obese Individuals	(2012) 20, 505–511	Obesity	EN	Article	Clinical (Obesity)
Quark CPET	2012	Yoon-Ho Lim, Jeong-Jin Yeo, Mun-Ho Ryu and Yoon-Seok Yang	Department of Healthcare Engineering, Chonbuk National University, Republic of Korea	A Hula-Hoop Inspired Human-Powered Electric Generator and Estimation of Conversion Efficiency based on Quantitative Assessment of Metabolic Energy Expenditure	ASTL Volume 6, 2012	Advanced Science and Technology Letters	EN	Article	Sport Science
Quark CPET	2012	Yoon-Ho Lim, Jeong-Jin Yeo, Mun-Ho Ryu and Yoon-Seok Yang	Department of Healthcare Engineering, Chonbuk National University, Jeonju-si, Republic of Korea	A Hula-Hoop Inspired Human-Powered Electric Generator and Estimation of Conversion Efficiency based on Quantitative Assessment of Metabolic Energy Expenditure	2012, Vol. 6	onlinepresent.org	EN	Article	Product Validation
Quark CPET	2011	Amy M. Knab, R. Aandrew Shanelly, Karen D. Corbin, Fuxia Jin, Wei Sha, and David C. Nienna	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, NC	A 45-Minute Vigorous Exercise Bout Increases Metabolic Rate for 14 Hours	2011 Sep;43(9):1643-8.	Med Sci Sports Exerc.	EN	Article	Sport Science
Quark CPET	2011	Christophe Hausswirth, Julien Louis, Francois Bieuzen, Herve Pournot, Jean Fournier, Jean-Robert Filliard, Jeanick Brisswalter	Research Department, National Institute of Sport, Expertise and Performance (INSEP), Paris, France	Effects of Whole-Body Cryotherapy vs. Far-Infrared vs. Passive Modalities on Recovery from Exercise-Induced Muscle Damage in Highly-Trained Runners	December 2011 Volume 6 Issue 12 e27749	PLOS ONE	EN	Article	Sport Science
Quark CPET	2011	Dong Hoon Lee, Seung Hwan Lee, Kiyong An, Jin Young Moon, So Hun Kim, Yoon Jin Choi, Moonsuk Nam, Justin Y. Jeon	Department of Sport and Leisure Studies, Yonsei University, South Korea	Effects of 6 Weeks of Lifestyle Modification Including Combined Exercise Program on the Risk of Metabolic Parameters and Macrovascular Complications in Type 2 Diabetic Patients	2011 Sep;20(3):147-159.	Korean J Obes.	KR	Article	Metabolic Syndrome
Quark CPET	2011	Emily R. Bowles, Alan C. Utter, Melanie D. Austin, David C. Nieman, D. Dew, Anne Moody, Ben Cartner, (Alan C. Utter)	Human Performance Laboratory, Appalachian State University, Boone, NC USA	Validation of COSMED's Quark CPET with Mixing Chamber System	2011		EN	Presentation	Validation
Quark CPET	2011	Emily R. Bowles, Alan C. Utter, Melanie D. Austin, David C. Nieman, D. Dew, Anne Moody, Ben Cartner, (Alan C. Utter)	Human Performance Laboratory, Appalachian State University, Boone, NC USA	Validation of COSMED's Quark CPET with Mixing Chamber System	304, Poster Board: 3 2011	ACSM	EN	Poster	Validation
Quark CPET	2011	Herve Pournot, Francois Bieuzen, Julien Louis, Jean-Robert Filliard, Etienne Barbiche, Christophe Hausswirth	Research Department, National Institute of Sport, Expertise and Performance (INSEP), Paris, France	Time-Course of Changes in Inflammatory Response after Whole-Body Cryotherapy Multi Exposures following Severe Exercise	July 2011 Volume 6 Issue 7 e22748	PLOS ONE	EN	Article	Exercise Physiology
Quark CPET	2011	Herve Pournot, Francois Bieuzen, Julien Louis, Jean-Robert Filliard, Etienne Barbiche, Christophe Hausswirth	Research Department, National Institute of Sport, Expertise and Performance (INSEP), Paris, France	Time-Course of Changes in Inflammatory Response after Whole-Body Cryotherapy Multi Exposures following Severe Exercise	July 2011 Volume 6 Issue 7	PLOS ONE	EN	Article	Exercise Physiology
Quark CPET	2011	Karen Estellé Welman	Faculty of Education Department of Sport Science, University of Stellenbosch	The value of graduated compression socks as a postexercise recovery modality in long distance runners	March 2011		EN	Dissertation	Sport Science
Quark CPET	2011	M. E. Keramidis, S. N. Kounalakis, T. Debevec, B. Norman, T. Gustafsson, O. Eiken and I. B. Mekjavic	Department of Automation, Biocybernetics and Robotics, Jozef Stefan Institute, Ljubljana, Slovenia	Acute normobaric hyperoxia transiently attenuates plasma erythropoietin concentration in healthy males: evidence against the 'normobaric oxygen paradox' theory	2011, 202, 91–98	Acta Physiol	EN	Article	Altitude
Quark CPET	2011	Mohsen Ibrahim Ahmed	Faculty of Physical Education, Menia University, EGYPT	The effects of concurrent training on cardiovascular response and strength among young basketball players	11th edition, Constanta, 20-21 May 2011	Conference "Perspectives in physical education and sport"	EN	Abstract	Sport Science
Quark CPET	2011	Pantalone, Giovanni	Durban University of Technology	The effect of Phosphoricum acidum 200CH on the adverse physiological effects induced by exercise in cyclists	2011		EN	Abstract	Sport Science
Quark CPET	2011	Shirley Telles, Nilkamal Singh and Acharya Balkrishna	Patanjali Research Foundation, Patanjali Yogpeeth, Haridwar, India	Heart rate variability changes during high frequency yoga breathing and breath awareness	2011, 5:4	BioPsychoSocial Medicine	EN	Article	Sport Science
Quark CPET	2011	Tadej Debevec	Jožef Stefan International Postgraduate School Ljubljana, Slovenia	The use of normobaric hypoxia for the enhancement of sea level and/or altitude exercise performance	October 2011		EN	Dissertation	Sport Science
Quark CPET	2010	Kaeding, Kaylee R.; Spring, Tom; Franklin, Barry A.; deJong, Adam FACSM; Miller, Wendy; McCullough, Peter A.	William Beaumont Hospital, Royal Oak, MI	Impaired Exercise Capacity in the Morbidly Obese: Implications for Exercise Prescription	May 2010 - Volume 42 - Issue 5 - p 731	Medicine & Science in Sports & Exercise	EN	Poster	Metabolic Syndrome
Quark CPET	2010	Leontien Van Wely, Jules G Becher, Heleen A Reinders-Messelink, Eline Lindeman, Olaf Verschuren, Johannes Verheijden, Annet J Dalmeijer	Department of Rehabilitation Medicine, EMGO+ Institute for Health and Care Research, Research Institute MOVE, VU University Medical Center, Amsterdam, The Netherlands	LEARN 2 MOVE 7-12 years: a randomized controlled trial on the effects of a physical activity stimulation program in children with cerebral palsy	2010, 10:77	BMC Pediatrics	EN	Article	Paediatric & Children
Quark CPET	2010	Sundeeep Chaudhry, Ross A. Arena, James E. Hansen, Gregory D. Lewis, Jonathan N. Myers, Laurence S. Sperling, Brian D. LaBudde, and Karlman Wasserman	Various	The Utility of Cardiopulmonary Exercise Testing to Detect and Track Early-Stage Ischemic Heart Disease	2010;85(10):928-932	Mayo Clin Proc.	EN	Article	Cardiology
Quark CPET	2009	Kaivo Thomson, Anthony Watt, and Jarmo Luukkonen	University of Jyväskylä, Finland	Differences in ball sports athletes speed discrimination skills before and after exercise induced fatigue	(2009) 8, 259-264	Journal of Sports Science and Medicine	EN	Article	Sport Science
Quark CPET	2009	KASPAR SØRENSEN, LISE AKSGLAEDE, THOR MUNCH-ANDERSEN, NIELS JACOB AACHMANN-ANDERSEN, JOERGEN HOLM PETERSEN, LINDA HILSTED, JØRN WULFF HELGE, ANDERS JUUL	Department of Growth and Reproduction, Copenhagen University Hospital, Copenhagen, Denmark	Sex Hormone–Binding Globulin Levels Predict Insulin Sensitivity, Disposition Index, and Cardiovascular Risk During Puberty	VOLUME 32, NUMBER 5, MAY 2009	DIABETES CARE,	EN	Article	Metabolic Syndrome
Quark CPET	2009		Australian Institute of Sport	Validation of Quark CPET against a "first principles" metabolic calorimeter	2009		EN	Paper	Validation