

Product	Year	Author	Institute	Title	Ref.	Journal/Meeting	Format	Topic
Fitmate	2018	Yavelberg L, Zaharieva D, Cinar A, Riddell MC, Jamnik V.	Department of Kinesiology and Health Science, Faculty of Health, Physical Activity and Chronic Disease Unit, York University, Toronto, ON, Canada.	A Pilot Study Validating Select Research-Grade and Consumer-Based Wearables Throughout a Range of Dynamic Exercise Intensities in Persons With and Without Type 1 Diabetes: A Novel Approach.	2018 Jan	J Diabetes Sci Technol	Article	Comparison with other methods
Fitmate	2018	Jaime Vásquez-Gómez, Marcelo Castillo-Retamal and Rodrigo Ramírez-Campillo	Universidad Católica del Maule, Talca-VII Región del Maule, Chile	A six-minute waling test: Maximum oxygen consumption in physical education students	March 2018 with 92 Reads	Revista da Educação Física/UEM	Article	Exercise Physiology
Fitmate	2018	Purcell SA, Elliott SA, Ryan AM, Sawyer MB, Prado CM.	Human Nutrition Research Unit, Department of Agricultural, Food, and Nutritional Science, Faculty of Agricultural, Life, and Environmental Sciences, University of Alberta, Edmonton, Canada.	Accuracy of a Portable Indirect Calorimeter for Measuring Resting Energy Expenditure in Individuals With Cancer.	2018 Jun 5.	JPEN J Parenter Enteral Nutr.	Article	Validation
Fitmate	2018	Rivera LO, Ford JD, Hartzell MM, Hoover TA	Army Public Health Center, Health Promotion and Wellness Directorate, Public Health Assessment Division, Aberdeen Proving Ground-Edgewood Area, MD, USA	An Evaluation of Army Wellness Center Clients' Health-Related Outcomes	February 5, 2018	Am J Health Promot.	Article	Occupational Health
Fitmate	2018	A. Page Glave, Jennifer J. Didier, Gary L. Oden, Matthew C. Wagner	Department of Kinesiology, Sam Houston State University, Huntsville, TX, USA	Caloric Expenditure Estimation Differences between an Elliptical Machine and Indirect Calorimetry	2018; 2: 8.	Exercise Medicine	Article	Exercise Physiology
Fitmate	2018	Dupuis M, Noel-Savina E, Prévot G, Tétu L. - Pillard F, Rivière D, Didier A	Department of Pulmonology, University Hospital of Toulouse, Toulouse, France	Determination of Cardiac Output in Pulmonary Hypertension Using Impedance Cardiography	February 9, 2018	Respiration.	Article	Pneumology
Fitmate	2018	Acar-Tek N, Ağaçindüz D, Ayhan B	Faculty of Health Sciences, Department of Nutrition and Dietetics, Gazi University, Besevler, Ankara, Turkey.	Effect of Green Coffee Consumption on Resting Energy Expenditure, Blood Pressure, and Body Temperature in Healthy Women: A Pilot Study	2018 May 3:1-10.	J Am Coll Nutr.	Article	Diet & Food Supplement
Fitmate	2018	Antonio Merico, Marianna Cavinato, Caterina Gregorio, Alessandra Lacatena, Elisabetta Gioia, Francesco Piccione, Corrado Angelini	Neurorehabilitation Department, San Camillo Hospital Foundation, Institute of Care and Research, Venice, Italy	Effects of combined endurance and resistance training in Amyotrophic Lateral Sclerosis: A pilot, randomized, controlled study	28 (1): 132-140, 2018	Eur J Transl Myol	Article	Neurology
Fitmate	2018	Reljic D, Wittmann F, Fischer JE	Department of Medicine 1- Gastroenterology, Pneumology and Endocrinology, Hector-Center for Nutrition, Exercise and Sports, University Hospital Erlangen, Ulmenweg 18, 91054, Erlangen, Germany	Effects of low-volume high-intensity interval training in a community setting: a pilot study.	2018 Mar 19.	Eur J Appl Physiol	Article	Exercise Physiology
Fitmate	2018	Eleni Pavlidou, Dimitris Petridis, Maria Tolia, Nikolaos Tsoukalas, Antigoni Poultsidi, Aristeidis Fasoulas, George Kyrgias, Constantinos Giaginis,	Department of Food Science and Nutrition, University of Aegean, Athens, Greece	Estimating the agreement between the metabolic rate calculated from prediction equations and from a portable indirect calorimetry device: an effort to develop a new equation for predicting resting metabolic rate	(2018) 15:41	Pavlidou et al. Nutrition & Metabolism	Article	Validation
Fitmate	2018	Köteles F, Babulka P, Szemerszky R, Dömötör Z, Boros S.	Institute of Health Promotion and Sport Sciences, ELTE Eötvös Loránd University, Bogdányf u. 10/B, Budapest H-1117, Hungary	Inhaled peppermint, rosemary and eucalyptus essential oils do not change spirometry in healthy individuals.	2018 Jun 18;194:319-323.	Physiol Behav.	Article	Pneumology
Fitmate	2018	Kozłowska A, Okręglička KM, Jagielska AM, Skibniewska M, Nitsch-Osuch A.	Department of Social Medicine and Public Health, Warsaw Medical University, Warsaw, Poland.	Lifestyle Intervention Program for Amelioration of Dysmetabolism in Overweight Women.	2018 Mar 8.	Adv Exp Med Biol	Article	Obesity
Fitmate	2018	E Nurmiyanto, U Ciptomulyono, Suparno, S Kromodihardjo, H Setijono and N A Arief	Department of Industrial Engineering, Institut Teknologi Sepuluh Nopember, Kampus ITS Sukolilo-Surabaya 60111, Indonesia	Manual handling methods evaluation based on oxygen consumption	2018 IOP Conference Series: Materials Science and Engineering, Volume 337, conference 1	IOP Publishing	Article	Comparison with other methods
Fitmate	2018	Gumieniak RJ, Shaw J, Gledhill N, Jamnik VK	Kinesiology and Health Science, Faculty of Health, York University, Toronto, Ontario, Canada	Physical employment standard for Canadian wildland fire fighters: identifying and characterizing critical initial attack response tasks.	2018 Apr 11:1-33	Ergonomics	Article	Firefighter
Fitmate	2018	Jouinot A, Vazeille C, Durand JP, Huillard O, Boudou-Rouquette P, Coriat R, Chapron J, Neveux N, De Bandt JP, Alexandre J, Cynober L, Goldwasser F.	Medical Oncology Department, Cancer Research for Personalized Medicine (CARPEM), Paris Centre Teaching Hospitals, Paris Descartes University, USPC, Paris, France	Resting energy expenditure in the risk assessment of anticancer treatments.	2018 Apr;37(2):558-565	Clin Nutr	Article	Oncology
Fitmate	2018	Gomez-Arbelaez D, Crujeiras AB, Castro AI, Martinez-Olmos MA, Canton A, Ordoñez-Mayan L, Sajoux I, Galban C, Bellido D, Casanueva FF.	Division of Endocrinology, Department of Medicine, Molecular and Cellular Endocrinology Area, Complejo Hospitalario Universitario de Santiago (CHUS), Instituto de Investigación Sanitaria de Santiago (IDIS), La Coruña Spain.	Resting metabolic rate of obese patients under very low calorie ketogenic diet.	2018 Feb 17;15:18.	Nutr Metab (Lond)	Article	Obesity
Fitmate	2018	L. Brash, G. D. Barnes, M. J. Brewis, A. C. Church, S. J. Gibbs, L. S.G.E. Howard, G. Jayasekera, M. K. Johnson, N. McGlinchey, J. Onorato, J. Simpson, C. Stirrat, S. Thomson, G. Watson, M. R. Wilkins, C. Xu, D.J. Welsh, D. E. Newby and Andrew J. Peacock	Scottish Pulmonary Vascular Unit, Golden Jubilee National Hospital, Glasgow, United Kingdom	Short-Term Hemodynamic Effects of Apelin in Patients With Pulmonary Arterial Hypertension	March 2018	JACC: Basic to Translational Science	Article	Pneumology
Fitmate	2018	Li S, Li Y, Xiang L, Dong J, Liu M, Xiang G	Department of Endocrinology, Wuhan General Hospital of Guangzhou Command, Wuluo Road 627, Wuhan 430070, Hubei Province, China.	Sildenafil induces browning of subcutaneous white adipose tissue in overweight adults.	2018 Jan;78:106-117	Metabolism	Article	Obesity
Fitmate	2018	Haya K Al Khatib, Wendy L Hall, Alice Creedon, Emily Ooi, Tala Masri, Laura McGowan, Scott V Harding, Julia Darzi, and Gerda K Pot	Diabetes and Nutritional Sciences Division, King's College London, London, United Kingdom	Sleep extension is a feasible lifestyle intervention in free-living adults who are habitually short sleepers: a potential strategy for decreasing intake of free sugars? A randomized controlled pilot study	Volume 107, Issue 1, 1 January 2018, Pages 43–53,	The American Journal of Clinical Nutrition,	Article	Sleep study
Fitmate	2018	Sanches RB, Poli VFS, Fidalgo JPN, Andrade-Silva SG, Cerrone LA, Oyama LM, Dâmaso AR, Dos Santos RT, Caranti DA	Post Graduate Program of Interdisciplinary Health Sciences, Universidade Federal de São Paulo/UNIFESP, Brazil; Obesity Study Group, Universidade Federal de São Paulo/UNIFESP, Brazil.	The hyperleptinemia state can downregulate cardiorespiratory fitness and energy expenditure in obese women.	2018 Feb 1;184:34-38.	Physiol Behav	Article	Obesity

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Fitmate	2018	Moradi S, Mirzaei K, Maghbooli Z, Abdurrahman AA, Keshavarz SA.	Department of Community Nutrition, School of Nutrition and Food Science, Isfahan University of Medical Sciences, Isfahan, Iran.	Variants in the PPARGC1A Gene may Influence the Effect of Fat Intake on Resting Metabolic Rate in Obese Women	2018 Apr 16.	Lipids.	Article	Obesity
Fitmate	2018	Kumagai H, Yoshikawa T, Zempo-Miyaki A, Myozonzo K, Tsujimoto T, Tanaka K, Maeda S	Faculty of Health and Sport Sciences, University of Tsukuba, Tsukuba, Ibaraki, Japan.	Vigorous Physical Activity is Associated with Regular Aerobic Exercise-Induced Increased Serum Testosterone Levels in Overweight/Obese Men	2018 Jan;50(1):73-79	Horm Metab Res	Article	Exercise Physiology
Fitmate	2018	Ridley EJ, Parke RL, Davies AR, Bailey M, Hodgson C, Deane AM, McGuinness S, Cooper DJ.	Australian and New Zealand Intensive Care Research Centre, School of Public Health and Preventative Medicine, Monash University, Melbourne, Victoria, Australia.	What Happens to Nutrition Intake in the Post-Intensive Care Unit Hospitalization Period? An Observational Cohort Study in Critically Ill Adults.	2018 Jun 20.	JPEN J Parenter Enteral Nutr.	Article	ICU
Fitmate	2017	Shogo Tabata, Norimitsu Kinoshita, Satoru Yamada MD, Hideo Matsumoto	Institute for Integrated Sports Medicine, Keio University School of Medicine, Tokyo, Japan	Accuracy of basal metabolic rate estimated by predictive equations in Japanese with type 2 diabetes	October 2017	Asia Pacific Journal of Clinical Nutrition	Article	Diabetology
Fitmate	2017	Olle Skogberg, Kersti Samuelsson, Per Ertzgaard, Richard Levi	Clinical Department of Rehabilitation Medicine and Department of Medicine and Health Sciences, Linköping University, Sweden.	Changes in body composition after spasticity treatment with intrathecal baclofen	2017; 49	J Rehabil Med	Article	Neurology
Fitmate	2017	Reza Mahdavi, Nazli Namazi, Nahid Karamzad	Tabriz University of Medical Sciences, Department of Biochemistry, Nutrition therapy, Community Nutrition	Comparison of Adjusted Resting Metabolic Rate in Overweight and Normal Weight Female University Students.	Jan2017, Vol. 8 Issue 1, p123-128. 6p.	Advances in Bioresearch	Article	Obesity
Fitmate	2017	Conti F, Balducci S, Pugliese L, D'Errico V, Vitale M, Alessi E, Salerno G, Iacobini C, Menini S, Bollanti L, Nicolucci A, Pugliese G.	Department of Clinical and Molecular Medicine, "La Sapienza" University, Via di Grottarossa 1035, 00189 Rome, Italy.	Correlates of Calcaneal Quantitative Ultrasound Parameters in Patients with Diabetes: The Study on the Assessment of Determinants of Muscle and Bone Strength Abnormalities in Diabetes.	2017;2017:4749619	J Diabetes Res.	Article	Diabetology
Fitmate	2017	Balducci S, Sacchetti M, Orlando G, Salvi L, Pugliese L, Salerno G, D'Errico V, Iacobini C, Conti FG, Zanuso S, Nicolucci A, Pugliese G	Department of Clinical and Molecular Medicine, "La Sapienza" University, Rome, Italy;	Correlates of muscle strength in diabetes: The study on the assessment of determinants of muscle and bone strength abnormalities in diabetes (SAMBA).	2014 ??? Jan;24(1):18-26.	Nutr Metab Cardiovasc Dis.	Article	Diabetology
Fitmate	2017	Yosuke Osuka, Muneaki Matsubara, Ai Hamasaki, Yuji Hiramatsu, Hiroshi Ohshima and Kiyoji Tanaka	1Research Team for Promoting Independence of the Elderly, Tokyo Metropolitan Institute of Gerontology, Itabashi, Tokyo, Japan	Development of low-volume, high-intensity, aerobic-type interval training for elderly Japanese men: a feasibility study	(2017) 14:14	Osuka et al. European Review of Aging and Physical Activity	Article	Geriatrics
Fitmate	2017	C. Ranuccia, R. Pippia, L. Burattaa, C. Aielloa, V. Gianfredib, N. Pianaa, E. Reginatoo, A. Tirimagnia, E. Chiodinia, E. Sbromaa, A. Gilib, P. De Feoa, C. Fanellia, C. Mazzeschia	Centro Universitario di Ricerca Interdipartimentale Attività Motoria (C.U.R.I.A.Mo.), Healthy Lifestyle Institute, University of Perugia, Perugia, Italy.	Effects of an Intensive Lifestyle Intervention to Treat Overweight/Obese Children and Adolescents.	2017;2017:8573725	Biomed Res Int.	Article	Obesity
Fitmate	2017	O.S. Glazachev, E.N. Dudnik I.M.	I M Sechenov First Moscow State Medical University, Moscow, Russia	Effects of Human Placenta Extract Laennec on Quality of Life and Physical Performance in Patients with Chronic Fatigue Syndrome	VOL. 19, No. 3 • 2017	IJEMHHR	Article	Diet & Food Supplement
Fitmate	2017	Eric T. Trexler, Drew McCallister, Abbie E. Smith-Ryan, and Rosa T. Branca	Human Movement Science Curriculum, University of North Carolina, Chapel Hill, NC, USA.	Incidental finding of low brown adipose tissue activity in endurance-trained individuals: Methodological considerations for positron emission tomography.	2017 Mar; 3(3). pii: e335.	J Nat Sci.	Article	Exercise Physiology
Fitmate	2017	P. Nordstedt, C. Lindqvist, G. Nowak	Department of Transplantation Surgery, Department of clinical nutrition, KAROLINSKA UNIVERSITY HOSPITAL, Stockholm, Sweden	Indirect Calorimetry After Liver Transplantation is Needed to Ensure the Right amount of Energy Supplied	Sept 2017 Volume 36, Supplement 1, Page S297	Clin Nutr	Article	Clinical Nutrition
Fitmate	2017	Ana Coto Montes, Jos'e Antonio Boga, Carlos Bermejo Millo, Adri'an Rubio Gonz'alez, Yaiza Potes Ochoa, Ignacio Vega Naredo, Marta Mart'inez Reig, Luis Romero Rizo, Pedro Manuel S'anchez Jurado, Juan Jose Solano, Pedro Abizanda, Beatriz Caballero	Department of Morphology and Cellular Biology, Faculty of Medicine, University of Oviedo, Spain	Potential early biomarkers of sarcopenia among independent older adults	October 2017 Volume 104, Pages117-122	Maturitas	Article	Geriatrics
Fitmate	2017	Daroon Ashgary-Larky, Matin Ghanavati, Nasrin Lamuchi-Deli, Seyedeh Arefeh Payami, Sara Alavi-Rad, Mehdi Boustaninejad, Reza Afrisham, Amir Abbasnezhad, and Meysam Alipour	Department of Clinical Biochemistry, School of Medicine, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran	Rapid Weight Loss vs. Slow Weight Loss: Which is More Effective on Body Composition and Metabolic Risk Factors?	2017 Jul; 15(3): e13249	Int J Endocrinol Metab	Article	Diet & Food Supplement
Fitmate	2017	Mert Tunar, Caner Çetinkaya, Hikmet Gümüş, Celal Gençoğlu, Belgin Ünal, Berkant Muammer Kayatekin	Dokuz Eylül University, School of Sport Sciences and Technology	Reliability and Validity of a Novel Soccer Specific Field Test	Volume: 4 Issue: 1 pp:1-16	Journal of Athletic Performance and Nutrition (JAPN)	Article	Football
Fitmate	2017	Kosuke Yoshida, Yoko Aburakawa, Yasuhiro Suzuki, Kenji Kuroda, and Takashi Kimura	Department of Neurology, Asahikawa Medical Center, National Hospital Organization, Asahikawa, Japan	Resting energy expenditure and regional body composition in myotonic dystrophy type 1 patients	Nov. 01, 2017 Volume : 3 Page : 7-13 (WEB ONLY)	J-GLOBAL	Article	Neurology
Fitmate	2017	Graff SK, Mario FM, Magalhães JA, Moraes RS, Spritzer PM	Gynecological Endocrinology Unit, Division of Endocrinology, Porto Alegre, Brazil.	Saturated Fat Intake Is Related to Heart Rate Variability in Women with Polycystic Ovary Syndrome.	2017;71(3-4):224-233.	Ann Nutr Metab	Article	Diet & Food Supplement
Fitmate	2017	Dominika Maciejewska, Małgorzata Michalczyk, Maja Czerwińska, Marcin Banaszczak, Karina Ryterska, Karolina Jakubczyk, Jakub Piotrowski, Joanna Hołowko, Arleta Drozd, Paweł Wysokiński, Krzysztof Ficek, Krzysztof Wilk, Anna Lubkowska, Paweł Cieszczyk, Jerzy Bertrand, Ewa Stachowska	Department of Biochemistry and Human Nutrition, Pomeranian Medical University, Poland	Seeking optimal nutrition for healthy body mass reduction among former athletes	2017	Journal of Human Kinetics	Article	Exercise Physiology
Fitmate	2017	Daniela Ciprandi, Filippo Bertozzi, Matteo Zago, Claudia Lucia Pimenta Ferreira, Giuseppe Boari, Chiarella Sforza, and Christel Galvani	Movement Analysis Laboratory, Department of Biomedical Sciences for Health, Università degli Studi di Milano, via Mangiagalli 31, I-20133 Milan, Italy	Study of the association between gait variability and physical activity	2017; 14: 19	Eur Rev Aging Phys Act	Article	Gait

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Fitmate	2017	Seo K, Cho M.	Department of Physical Therapy, Korea Nazarene University; 456 Sangyong-dong, Seobuk-gu, Cheonan, Chungnam 331-718, Republic of Korea.	The effects of place running exercises on the pulmonary function of normal adults	2017 Sep;29(9):1490-1493	J Phys Ther Sci.	Article	Exercise Physiology
Fitmate	2016	KyoChul Seo, and MiSuk Cho	Department of Physical Therapy, Korea Nazarene University, Republic of Korea	An analysis of pulmonary function in different lying positions in the 20's normal adults	2016 Nov; 28(11): 3063-3065.	J Phys Ther Sci.	Article	Pneumology
Fitmate	2016	Youngwook Kim, Songita Choudhury, Hyoun-joong Kong	Department of Electrical and Computer Engineering, Lyles College of Engineering, California State University at Fresno, USA	Application of Micro-Doppler Signatures for Estimation of Total Energy Expenditure in Humans for Walking/Running Activities	4:1-1 · January 2016	IEEE Access	Article	Exercise Physiology
Fitmate	2016	Steven Mann, Alfonso Jimenez, Sarah Domone, and Chris Beedie	Faculty of Health and Life Sciences, Centre for Applied Biological and Exercise Sciences, Coventry University, Coventry, UK	Comparative effects of three 48-week community-based physical activity and exercise interventions on aerobic capacity, total cholesterol and mean arterial blood pressure	2016; 2(1)	BMJ Open Sport Exerc Med.	Article	Exercise Physiology
Fitmate	2016	Banafshe Hosseini, Khadijeh Mirzaei, Zhila Maghbooli, Seyed Ali Keshavarz, Arash Hossein-Nezhad	Department of Community Nutrition, School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences (TUMS), Tehran, Iran	Compare the resting metabolic rate status in the healthy metabolically obese with the unhealthy metabolically obese participants	December 2016 Volume 6, Pages 48-53	Journal of Nutrition and Intermediary Metabolism	Article	Obesity
Fitmate	2016	Zanuso S, Bergamin M, Jimenez A, Pugliese G, D'Errico V, Nicolucci A, Ermolao A, Balducci S	Centre for Sport Sciences and Human Performance, Department of Sports Science, University of Greenwich, London, United Kingdom.	Determination of metabolic equivalents during low- and high-intensity resistance exercise in healthy young subjects and patients with type 2 diabetes.	2016 Mar;33(1):77-82.	Biol Sport.	Article	Diabetology
Fitmate	2016	Delvecchio L, Reaburn P, Trapp G, Korhonen MT	School of Medical and Applied Sciences, Central Queensland University, Rockhampton, Australia.	Effect of concurrent resistance and sprint training on body composition and cardiometabolic health indicators in masters cyclists.	2016 Oct 31;12(5):442-450.	J Exerc Rehabil.	Article	Cycling
Fitmate	2016	Ekrem Boyali	Selcuk University, High School of Physical Fitness and Sport, Konya, Turkey	Effect of Vitamin A Supplementation on IFN- γ , TNF- α , IL-2, and IL-6 Levels in Elite Taekwondo Players	10(1):53-58 · January 2016	Studies on Ethno-Medicine	Article	Diet & Food Supplement
Fitmate	2016	Sanjay Shrestha, Jenny Adams, Anne Lawrence, and Jeffrey M. Schussler	Department of Kinesiology, University of Texas at Arlington	High-intensity cardiac rehabilitation training of a commercial pilot who, after percutaneous coronary intervention, wanted to continue participating in a rigorous strength and conditioning program	2016;29(1):82-84	Proc (Bayl Univ Med Cent)	Article	Cardiology
Fitmate	2016	Fontaine CJ, Johann J, Skalko C, Liguori GA.	Department of Applied Human Sciences, University of Minnesota Duluth, Duluth, Minnesota.	Metabolic and Energy Cost of Sitting, Standing, and a Novel Sitting/Stepping Protocol in Recreationally Active College Students.	2016 Apr 1;9(2):223-229.	Int J Exerc Sci.	Article	Exercise Physiology
Fitmate	2016	Bassil MS, Obeid OA	Department of Natural Sciences, Lebanese American University, Beirut, Lebanon.	Phosphorus Supplementation Recovers the Blunted Diet-Induced Thermogenesis of Overweight and Obese Adults: A Pilot Study.	2016 Dec 9;8(12).	Nutrients.	Article	Diet & Food Supplement
Fitmate	2016	Anna Sabinicz, Dominika Maciejewska, Małgorzata Kaczorowska, Karina Ryterska, Dominika Jamiol-Milc, Joanna Wyszomirska-Raszeja, Izabela Gutowska, and Ewa Stachowska	Department of Biochemistry and Human Nutrition, Pomeranian Medical University, Szczecin, Poland	Reduction of sitting time has a positive effect on the decrease of insulin resistance in patients with non-alcoholic fatty liver disease	2016; 11(4): 257-262.	Prz Gastroenterol.	Article	Metabolic Syndrome
Fitmate	2016	Funk L, Thiessen D, Wright V, Andrysek J, Rispin K	Department of Biology , LeTourneau University , Longview , TX , USA	Reliability and validity of the Lower Limb Function Questionnaire when completed by young adult orthotic and prosthetic device users.	2016 Feb 17:1-10	Disabil Rehabil Assist Technol.	Article	Orthopedics
Fitmate	2016	Sparky Barteel, Sanjay Shrestha, Beatriz Ramos, Tim Bilbrey, Pasquale Carbone, Jeffrey M. Schussler, Rick Deutsch, and Jenny Adams	Department of Kinesiology, University of Texas at Arlington, Arlington, Texas	Specificity of testing in a cardiac rehabilitation setting resulting in a patient's return to high-intensity outdoor activity following aortic dissection repair	2016 Apr; 29(2): 151-153.	Proc (Bayl Univ Med Cent).	Article	Cardiology
Fitmate	2016	Dirk De Ridder, Patrick Manning, Sook Ling Leong, Samantha Ross, Wayne Sutherland, Caroline Horwath, and Sven Vanneste	Section of Neurosurgery, Department of Surgical Sciences, Dunedin School of Medicine, University of Otago, New Zealand	The brain, obesity and addiction: an EEG neuroimaging study	2016; 6: 34122.	Sci Rep.	Article	Neurology
Fitmate	2016	Dae-Sik Oh, and Si-Eun Park	Department of Physical Therapy, Sugi Woori Hospital, Republic of Korea	The effect of lumbar stabilization exercise on the pulmonary function of stroke patients	2016 Jun; 28(6): 1896-1900.	J Phys Ther Sci.	Article	Cardiology
Fitmate	2016	Fatma Kizilay, Cengiz Arslan, Fatma İ. Kerkez, Aysegül Beykumul, Egemen Kizilay	PMR Department, Turgut Ozal Medical Center, Inonu University, Malatya, Turkey	The Effects of Aerobic Exercise Training on Basal Metabolism and Physical Fitness in Sedentary Women	2016, 8, 173-180	Health	Article	Exercise Physiology
Fitmate	2016	Fatma Kizilay, Cengiz Arslan, Fatma İ. Kerkez, Aysegül Beykumul, Egemen Kizilay	PMR Department, Turgut Ozal Medical Center, Inonu University, Malatya, Turkey	The Effects of Aerobic Exercise Training on Basal Metabolism and Physical Fitness in Sedentary Women	2016, 8, 173-180	Health	Article	Exercise Physiology
Fitmate	2016	Danilo Fernandes Da Silva, Fábio Yuzo Nakamura, Fabiana Andrade Machado	Centro de Ciências da Saúde, Universidade Estadual de Maringá, Maringá, PR, Brasil	The effects of the use of the mask for gas analysis on the submaximal and maximal physiological and perceptual variables in response to an incremental test	vol.30 no.3 São Paulo July/Sept. 2016	Rev. bras. educ. fis. esporte	Article	Exercise Physiology
Fitmate	2016	Radmila Radojevic-Popovic, Tamara Nikolic, Isidora Stojic, Jovana Jeremic, Ivan Srejskovic, Goran Pesic, Vladimir Jakovljevic	Special Hospital for Hyperbaric Medicine, Belgrade, Serbia	The Influence of Different Types of Physical Activity on the Redox Status of Scuba Divers	2016; 17 (4): 1-1	Ser J Exp Clin Res	Article	Diving
Fitmate	2015	Jessica Hicks, Stephanie Malo, Sayuri Omori, Norine Foley, Janet Madill, Colleen O'Connor	Food and Nutritional Sciences, Brescia University College at Western University, London, Canada	An Examination of Measured vs Predicted Resting Metabolic Rate in Older Adults Living in Long-Term Care Facilities	2015 - 39(2)	Journal of Parenteral and Enteral Nutrition	Abstract	Geriatrics
Fitmate	2015	KyoChul Seo, MiSuk Cho	Department of Physical Therapy, Korea Nazarene University, Republic of Korea	Analysis of the pulmonary functions of normal adults according to pillow height	27: 3085-3087, 2015	J. Phys. Ther. Sci.	Article	Pneumology
Fitmate	2015	Alex Souto Maior, Pedro Menezes, Steven Fleck, Travis Bunker, Matthew Rhea, Richard Diego Leite, Roberto Simão	University Augusto Motta (UNISUAM). Master Program in Rehabilitation Sciences , Rio de Janeiro, Brazil	Autonomic cardiac and cardiorespiratory responses in volleyball athletes compared to recreationally trained individuals	2015;48(6): 589-597	Medicina (Ribeirão Preto)	Article	Volleyball
Fitmate	2015	Giovanni Rosales Soto, Matias Monsálves Álvarez, Rodrigo Yáñez Sepúlveda y Samuel Durán Agüero	Facultad de Ciencias de la Actividad Física, Universidad San Sebastián, Chile	Caffeine intake and its effect on the maximal aerobic speed corridors 800-meter athletes	2015;32(4):1703-1707	Nutr Hosp.	Article	Running
Fitmate	2015	Salin Eduardo Avellaneda Pinzón, Adriana Urbina	Servicio Nacional de Aprendizaje - SENA, Mosquera (Cundinamarca), Colombia	Capacidad aeróbica de bomberos aeronáuticos	vol.47 no.1 Bucaramanga ene./abr. 2015	Rev. Univ. Ind. Santander. Salud	Article	Public Safety
Fitmate	2015	Nur Ikhwan Mohamad, Michael C. Rumpf, Erik C.H Tan, Nicholas Garaman Abas	Physical Conditioning Laboratory, Faculty of Sports Science & Coaching, Sultan Idris Education University, Malaysia	Cardio-respiratory responses to standardized load resistance training in recreationally active participants	Vol 4, No 1 (2015)	Movement, Health and Exercise (MoHE)	Article	Exercise Physiology

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Fitmate	2015	Ana Claudia Pelissari Kravchychyn, Julio César Camargo Alves, Terezinha Pelissari Kravchychyn, Geraldo Ângelo Nogueira, Fabiana Andrade Machado	Universidade Estadual de Maringá. Maringá, PR, Brasil	Comparison between the direct and indirect methods of VO2max determination in runners	vol.21 no.1 São Paulo Jan./Feb. 2015	Rev Bras Med Esporte	Article	Running
Fitmate	2015	Soghra Aliasgharzadeh, Reza Mahdavi, Mohammad Asghari Jafarabadi, Nazli Namazi	Faculty of Nutrition, Tabriz University of Medical Science, Tabriz, Iran	Comparison of Indirect Calorimetry and Predictive Equations in Estimating Resting Metabolic Rate in Underweight Females	Vol. 44, No.6, Jun 2015, pp.822-829	Iran J Public Health	Article	Metabolic Syndrome
Fitmate	2015	Ghassan B. Shamkhi, Dhiaa H. Hassan	Physical Education College of Diyala University	Comparison study of some functional variables between practitioners of aerobic and anaerobic exercises (acidotic exercises) by using (Fitmate PRO) device	Vol. 2. Issue 1. Jan. 2015	The Swedish Journal of Scientific Research	Article	Exercise Physiology
Fitmate	2015	Ghassan B. Shamkhi, Dhiaa H. Hassan	Physical Education College of Diyala University	Comparison study of some functional variables between practitioners of aerobic and anaerobic exercises (acidotic exercises) by using Fitmate PRO device	Vol. 2. Issue 1. Jan. 2015	The Swedish Journal of Scientific Research	Article	Exercise Physiology
Fitmate	2015	Zarko Krkeljas and Sarah Johanna Moss	Physical Activity, Sport and Recreation Research Focus Area, North-West University, Potchefstroom, South Africa	Correlating mechanical work with energy consumption during gait throughout pregnancy	2015; 15: 303.	BMC Pregnancy Childbirth.	Article	Pregnancy
Fitmate	2015	Zarko Krkeljas and Sarah Johanna Moss	Physical Activity, Sport and Recreation Research Focus Area, North-West University, South Africa	Correlating mechanical work with energy consumption during gait throughout pregnancy	(2015) 15:303	BMC Pregnancy and Childbirth	Article	Pregnancy
Fitmate	2015	Gian Pietro Emerenziani, Maria Chiara Gallotta, Silvia Migliaccio, Lorenzo M. Donini, Emanuela A. Greco, Chiara Marocco, Eleonora Poggiogalle, Luca di Lazzaro, Rachele Fornari, Andrea Lenzi, Carlo Baldari and Laura Guidetti	Department of Movement, Human and Health Sciences, University of Rome "Foro Italico", Italy	Differences in ventilatory threshold for exercise prescription in outpatient diabetic and sarcopenic obese subjects	Volume 2016 (2016)	International Journal of Endocrinology	Article	Metabolic Syndrome
Fitmate	2015	Caren Lau, Ho Yan Yu, and Jean Woo	Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong, China	Effects of a 12-week Hatha yoga intervention on cardiorespiratory endurance, muscular strength and endurance, and flexibility in Hong Kong Chinese adults: A controlled clinical trial	Accepted 18 March 2015	Evidence-Based Complementary and Alternative Medicine (eCAM)	Article	Yoga
Fitmate	2015	Miray Demiriz, Ibrahim Erdemir, Recep Fatih Kayhan	Balikesir Üniversitesi, Beden Eğitimi ve Spor Yüksekokulu, Balıkesir/Türkiye	Effects of Anaerobic Interval Training with Different Rest Interval on Aerobic Capacity, Anaerobic Threshold and Blood Parameters	2015, Cilt 1, Sayı 1, 1	Spor, Egzersiz ve Antrenman Bilimleri	Article	Exercise Physiology
Fitmate	2015	KyoChul Seo, Seung Hwan Park, KwangYong Park	Department of Physical Therapy, Korea Nazarene University, Republic of Korea	Effects of diaphragm respiration exercise on pulmonary function of male smokers in their twenties	27: 2313–2315, 2015	J. Phys. Ther. Sci.	Article	Pneumology
Fitmate	2015	Kristina Radoman, Vesna Vucic, Aleksandra Arsic, Dejan Cubriilo, Nevna Jeremic, Jovana Jeremic, Vladimir Jakovljevic	College of Health Studies, Podgorica, Serbia	Effects of different PUFA supplementation on inflammatory response markers in young soccer players	Vol. 16 No 4 December 2015	Serbian Journal of Experimental and Clinical Research	Article	Football
Fitmate	2015	Robert G. McMurray, Nancy F. Butte, Scott E. Crouter, Stewart G. Trost, Karin A. Pfeiffer, David R. Bassett, Maurice R. Puyau, David Berrigan, Kathleen B. Watson, Janet E. Fulton	CDC/NCI/NCCOR Research Group on Energy Expenditure in Children	Exploring Metrics to Express Energy Expenditure of Physical Activity in Youth	2015 Jun 23;10(6)	PLoS One	Article	Exercise Physiology
Fitmate	2015	Cloé Brami, François Salignon, Camille Le Bris, Nedja Tanazefi, Nathalie Lhuillier, Hélène de La Ménardière, Jérôme Alexandre, Francois Goldwasser, JeanPhilippe Durand	Medical Oncology, Paris Descartes University, Cochin Port Royal Hospital, APHP, Paris, France;	Feasibility of a multidisciplinary rehabilitation program for post treatment cancer patients: A pilot study.	J Clin Oncol 33, 2015	2015 ASCO Annual Meeting	Abstract	Oncology
Fitmate	2015	Ali Khuman Alwan, Falah Hassan Abdullah Al-Khafaji	College of Physical Education - University of AL-Qadisiya - Iraq	Forecasting cross fitness test own football rules, according to some physiological variables	Vol. 2. Issue 3. March. 2015	The Swedish Journal of Scientific Research	Article	Football
Fitmate	2015	Mauricio Castro-Sepúlveda, Hugo Cerda-Köhler, Cristian Pérez-Luco, Matías Monsalves, David Cristóbal Andrade, Hermann Zbinden-Foncea, Eduardo Báez-San Martín and Rodrigo Ramírez-Campillo	Exercise Science Laboratory, Faculty of Medicine, Universidad Finis Terrae, Santiago, Chile	Hydration status after exercise affect resting metabolic rate and heart rate variability	2015;31(3):1273-1277	Nutr Hosp	Article	Exercise Physiology
Fitmate	2015	Morio Cédric, Haddoum Mohand, Fournet Damien, Gueguen Nils	Decathlon Research, Department of Movement Sciences, Villeneuve d'Ascq, France	Influence of exercise type on metabolic cost and gross efficiency: elliptical trainer versus cycling trainer	2015 Feb 10	Journal of Sports Medicine and Physical Fitness	Article	Exercise Physiology
Fitmate	2015	D.F. daSilva a, R.C.Soterob, H.G.Simõesb e F.A.Machadoa	Departamento de Educação Física, Universidade Estadual de Maringá, Maringá-PR, Brasil	Maximal aerobic speed calculated by heart rate cost:Relationship with performance	2015;8(1):7–15	Rev AndalMedDeporte.	Article	Exercise Physiology
Fitmate	2015	Mihaela Posea, Andreea Dragomir, Emilia Rusu, Raluca Nan, Ramona Dragut, Florentina Radu, Ileana Teodoru, Gabriela Radulian	National Institute of Diabetes, Nutrition and Metabolic Diseases "N. C. Paulescu", Bucharest, Romania	Nutritional Intervention- The Impact on Vitamins and Minerals Intake to Overweight and Obese Patients	2015; 3 (3): 98-102	Journal of Food and Nutrition Sciences	Article	Obesity
Fitmate	2015	Mihaela Posea, Andreea Dragomir, Emilia Rusu, Raluca Nan, Ramona Dragut, Florentina Radu, Ileana Teodoru, Gabriela Radulian	National Institute of Diabetes, Nutrition and Metabolic Diseases "N. C. Paulescu", Bucharest, Romania	Nutritional Intervention- The Impact on Vitamins and Minerals Intake to Overweight and Obese Patients	2015; 3(3): 98-102	Journal of Food and Nutrition Sciences	Article	Obesity
Fitmate	2015	Mihaela Posea, Andreea Dragomir, Emilia Rusu, Raluca Nan, Ramona Dragut, Florentina Radu, Ileana Teodoru, Gabriela Radulian	National Institute of Diabetes, Nutrition and Metabolic Diseases "N. C. Paulescu", Bucharest, Romania	Nutritional Intervention- The Impact on Vitamins and Minerals Intake to Overweight and Obese Patients	2015; 3(3): 98-102	Journal of Food and Nutrition ScienceS	Article	Obesity
Fitmate	2015	David C. Nieman, Kevin A. Zwetsloot, Mary Pat Meaney, Dominic D. Lomiwes, Suzanne M. Hurst, and Roger D. Hurst	Appalachian State University, Kannapolis, NC, USA	Post-Exercise Skeletal Muscle Glycogen Related to Plasma Cytokines and Muscle IL-6 Protein Content, but not Muscle Cytokine mRNA Expression	2015; 2: 27.	Front Nutr.	Article	Exercise Physiology
Fitmate	2015	Luke Funk, Danielle Thiessen, Virginia Wright, Jan Andrysek, Karen Rispin	LeTourneau University Wheels Project	Preliminary construct validation of the lower limb function questionnaire	2015	2015 Annual Conference of New Frontiers in Assistive Technology	Article	Orthopedics
Fitmate	2015	Luke Funk, Danielle Thiessen, Virginia Wright, Jan Andrysek, Karen Rispin	LeTourneau University Wheels Project	Preliminary construct validation of the lower limb function questionnaire	2015 Conference (Denver)	Rehabilitation Engineering and Assistive Technology Society of North America	Article	Disabled
Fitmate	2015	Schmit C, Davranche K, Easthope CS, Colson SS, Briswatter J, Radel R	Laboratoire LAMHES (EA6309), Université de Nice Sophia-Antipolis, France	Pushing to the limits: the dynamics of cognitive control during exhausting exercise	2015 Feb;68:71-81	Neuropsychologia.	Article	Exercise Physiology

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Fitmate	2015	Katrin Milger, Janine F. Felix, Robert Voswinckel, Natascha Sommer, Oscar H. Franco, Friedrich Grimminger, Frank Reichenberger, Werner Seeger, Hossein A. Ghofrani, Henning Gall	University of Giessen and Marburg Lung Center, Giessen, Germany	Sildenafil versus nitric oxide for acute vasodilator testing in pulmonary arterial hypertension	2015 Jun; 5(2): 305-312	Pulm Circ.	Article	Pneumology
Fitmate	2015	Astrid Kahrs Dykesteen	Norwegian University of Science and Technology, NTNU	The dynamics of brain activity during aerobic exercise until exhaustion - a NIRS study	Spring 2015		Thesis	Exercise Physiology
Fitmate	2015	Abdessalem Koubaa, Moez Triki, Hajer Trabelsi, Hamza Baati, Zouhair Sahnoun, and Ahmed Hakim	Laboratory of Pharmacology, Sfax Medicine Faculty SMF, Sfax, Tunisia	The Effect of a 12-Week Moderate Intensity Interval Training Program on the Antioxidant Defense Capability and Lipid Profile in Men Smoking Cigarettes or Hookah: A Cohort Study	Volume 2015, Article ID 639369, 9 pages	The Scientific World Journal	Article	Exercise Physiology
Fitmate	2015	Pishchalov Ye.V, Glushkov S. P.	Faculty of Physical Education, Novosibirsk State Pedagogical University (Novosibirsk, Russia)	The effect of applying night normobaric hypoxia to improve running economy and growth hematological components	2 (51) 2015	МИР НАУКИ, КУЛЬТУРЫ, ОБРАЗОВАНИЯ	Article	Exercise Physiology
Fitmate	2015	Stefano Balducci, Massimo Sacchetti, Jonida Haxhi, Giorgio Orlando, Silvano Zanuso, Patrizia Cardelli, Stefano Cavallo, Valeria D'Errico, Maria Cristina Ribaldo, Nicolina Di Biase, Laura Salvi, Martina Vitale, Lucilla Bollanti, Francesco G. Conti, Antonio Nicolucci, Giuseppe Pugliese	Department of Clinical and Molecular Medicine, "La Sapienza" University of Rome, Rome, Italy	The Italian Diabetes and Exercise Study 2 (IDES-2): a long-term behavioral intervention for adoption and maintenance of a physically active lifestyle	2015; 16: 569.	Trials.	Article	Diabetology
Fitmate	2015	A. Page Glave, Jennifer J. Didier, Gary L. Oden, Matthew C. Wagner, Stevyn M. Rivera	Department of Kinesiology, Exercise Science, Sam Houston State University, Huntsville, TX, United States of America	The relationship between body fat percentage and difference in caloric expenditure as measured by indirect calorimetry and estimated by an elliptical trainer	Apr-Jun 2015, Vol 4, Issue 2	Journal of Molecular Pathophysiology	Article	Exercise Physiology
Fitmate	2015	Zarko Krkeljaš	Human Movement Science at the Potchefstroom Campus of the North-West University	The relationship between gait mechanics and walking economy throughout pregnancy	2015		Dissertation	Pregnancy
Fitmate	2015	Karen Davranche, Jeanick Brisswalter, Remi Radel	Aix Marseille Université, CNRS, Marseille, France	Where are the limits of the effects of exercise intensity on cognitive control?	4 (2015) 56e63	Journal of Sport and Health Science	Article	Exercise Physiology
Fitmate	2014	Beatrice Olearo, José Miguel Soriano Del Castillo, Pietro Marco Boselli and Lydia Micó	Departamento de Medicina Preventiva y Salud Pública. Universitat de València	Assessment of body composition, through anthropometric and non-anthropometric methods, of University students from Valencia (Spain)	2014;30(4):911-918	Nutr Hosp.	Article	Comparison with other methods
Fitmate	2014	Alex Buoite Stella, Cornelius Peter Bogerd	University of Udine, Department of Medical and Biological Sciences, Italy	Cognitive and physiological initial responses during cool water immersion	Vol 5 2014 1 p. 57-75	Annales Kinesiologiae	Article	Water based activities
Fitmate	2014	Jeanick Brisswalter & Marcus Peikriszwili Tartaruga	University of Nice Sophia Antipolis, Laboratory of Human Motricity, Education Sport and Health, Nice, France	Comparison of COSMED's FitMate™ and K4b2 metabolic systems reliability during graded cycling exercise	2014; Early Online: 1-3	Scandinavian Journal of Clinical & Laboratory Investigation	Article	Validation
Fitmate	2014	Mohammadreza Rezaeipour	Department of Physical Education and Sport Sciences, University of Sistan and Baluchestan, Zahedan, IR Iran	Comparison of Two Types of Diets on Losing Weight and Lipid Profile of Overweight/Obese Middle-Aged Women Under Exercise Condition	2014 August; 3(3): e15611	Health Scope	Article	Obesity
Fitmate	2014	Hassan Darvakh, Masoud Nikbakht, Saeed Shakerian, Asieh Sadat Mousavian	Department of Physical Education and Sport Sciences, Shahid Chamran University of Ahvaz, Ahvaz, Iran	Effect of Circadian Rhythm on Peak of Maximal Fat Oxidation on Non-Athletic Men	2013	Zahedan Journal of Research in Medical Sciences	Article	Exercise Physiology
Fitmate	2014	Gian Pietro Emerenziani, Maria Chiara Gallotta, Marco Meucci, Luigi Di Luigi, Silvia Migliaccio, Lorenzo Maria Donini, Felice Strollo, and Laura Guidetti	Exercise and Sport Sciences Unit, Department of Movement, Human and Health Sciences, University of Rome "Foro Italico", Rome, Italy	Effects of Aerobic Exercise Based upon Heart Rate at Aerobic Threshold in Obese Elderly Subjects with Type 2 Diabetes	2014 Article ID 695297	International Journal of Endocrinology	Article	Diabetology
Fitmate	2014	Philippe-Antoine Dubé	Département de Mathématiques et de Génie industriel, Ecole Polytechnique de Montréal (Canada)	Estimation du métabolisme de travail à partir de mesures de fréquence cardiaque effectuées lors du travail forestier: réexamen d'aspects méthodologiques du point de vue du praticien	2014		Thesis	Ergonomics
Fitmate	2014	Mihaela Posea, Andreea Dragomir, Emilia Rusu, Raluca Nan, Ramona Draguț, Horațiu Popescu, Florentina Stoicescu, Ileana Teodoru, Anca Hâncu, Marilena Stoian, Gabriela Radulian	National Institute of Diabetes, Nutrition and Metabolic Diseases "N. C. Paulescu", Bucharest	Evaluation of dietary habits and nutritional content of food intake in overweight and obese patients	2014 21(1):29-35	Rom J Diabetes Nutr Metab Dis.	Article	Obesity
Fitmate	2014	Vicente Martínez-Vizcaino, Mairéna Sánchez-López, Blanca Notario-Pacheco, Fernando Salcedo-Aguilar, Montserrat Solera-Martínez, Pablo Franquelo-Morales, Sara López-Martínez, Jorge C García-Prieto, Natalia Arias-Palencia, Coral Torrijos-Niño, Ricardo Mora-Rodríguez and Fernando Rodríguez-Artalejo	Social and Health Care Research Center, Universidad de Castilla-La Mancha, Cuenca, Spain	Gender differences on effectiveness of a schoolbased physical activity intervention for reducing cardiometabolic risk: a cluster randomized trial	(2014) 11:154	International Journal of Behavioral Nutrition and Physical Activity	Article	Cardiology
Fitmate	2014	María Soto-Célix, Ana A. Riego-Valledor, Judith Alonso-Galarreta, Alberto Miján-de-la-Torre	Clinical Nutrition Unit. Dept of Internal Medicine, Burgos University Hospital (HUBU), Burgos, Spain	Harris-Benedict Equation Underestimates Resting Energy Expenditure in a Cohort of Malnourished Anorexia Nervosa Females	2014	JPEN J Parenter Enteral Nutr.	Abstract	Eating Disorders
Fitmate	2014	Nieman DC, Luo B, Dréau D, Henson DA, Shanely RA, Dew D, Meaney MP.	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, NC, USA	Immune and inflammation responses to a 3-day period of intensified running versus cycling.	2014 Jul;39:180-5.	Brain Behav Immun.	Article	Sport Science
Fitmate	2014	Bill Campbell, Gina Zito, Ryan Colquhoun, Nic Martinez, Courtney St Louis, Mallory Johnson, Laura Buchanan, Matt Lehn, Yasmin Smith, Brad Cloer, Kathryn Raines	University of South Florida, Tampa, Florida, USA	Inter- and intra-day test-retest reliability of the Cosmed Fitmate Pro™ indirect calorimeter for resting metabolic rate	2014, 11(Suppl 1):P46	Journal of the International Society of Sports Nutrition	Poster	Validation
Fitmate	2014	Jaswinder Singh, P. Kaira and R.S. Walia	Department of Production Engineering, PEC University of Technology, Chandigarh, India	Multi-Response Optimization of Manual Material Handling Tasks through Utility Concept	Vol. 4, No. 2, May 2014	Bonfring International Journal of Industrial Engineering and Management Science	Article	Ergonomics
Fitmate	2014	Steven Mann, Christopher Beedie, Alfonso Jimenez	ukactive Research Institute, England, UK	Physical activity counselling based in fitness centres and delivered by exercise professionals might be as effective as both structured and unstructured gym use among untrained individuals	2014		Thesis	Exercise Physiology
Fitmate	2014	Santos J M B, Luna Junior L A L, Sierra A P R, Costa L A R, Bachi A L L3 and Vaisberg M	Department of Otorrinolaringology and Head and Neck Surgery; Federal University of São Paulo; São Paulo, Brazil	Relation between TNF-alpha and exercise induced bronchoconstriction	2014	International Society of Exercise and Immunology (ISEI)	Abstract	Exercise Physiology

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Fitmate	2014	C. Vazeille, J. Durand, N. Neveux, A. Cessot, P. Boudou-Rouquette, A. Jouinot, J. Alexandre, L. Cynober and F. Goldwasser	Medical Oncology, Cochin-Port Royal, Paris, FRANCE	Relationship between rest metabolism and performance status in cancer patients: a prospective study in 161 patients	25 (Supplement 4): iv517-iv541, 2014	Annals of Oncology	Abstract	Oncology
Fitmate	2014	Ruby Yu, Forrest Yau, Jason Leung and Jean Woo	Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong	The Effect of Depression and Cognitive Impairment on 7-year Cardiorespiratory Fitness in Chinese Aged 65 and Older	2014, 3:2	Gerontol Geriat Res	Article	Geriatrics
Fitmate	2014	Ivan Todorov, Milivoj Dopsaj, Dragan Radovanović, Milovan Bratić	Faculty of Sport and Physical Education, University of Belgrade, Serbia	The effects of specific training on cardiorespiratory endurance among young judokas	Vol. 12, No 2, 2014, pp. 131 - 137	Physical Education and Sport	Article	Combat Sports
Fitmate	2014	KyoChul Seo, MiSuk Cho	Department of Physical Therapy, Korea Nazarene University, Republic of Korea	The Effects on the Pulmonary Function of Normal Adults Proprioceptive Neuromuscular Facilitation Respiration Pattern Exercise	26: 1579-1582, 2014	J. Phys. Ther. Sci.	Article	Exercise Physiology
Fitmate	2014	A. Ionescu, A. Apostol, M. Vasilescu	University of Medicine and Pharmacy Carol Davila, Sports Medicine Department National Institute of Sports Medicine, Bucharest, Romania	The impact of elite endurance training upon anaerobic effort capacity	2014 June;67(2):205-17	Medicina dello Sport	Article	Exercise Physiology
Fitmate	2014	C. Г. Sorokin	Сибирский государственный университет физической культуры и спорта, г. Омск	The racing skiers aerobic capacity in the preseason period	№ 4 (131) 2014	Omsk Research Bulletin	Article	Skating
Fitmate	2014	Anbar R, Beloesesky Y, Cohen J, Madar Z, Weiss A, Theilla M, Koren Hakim T, Frishman S, Singer P.	Nutrition Unit, Rabin Medical Center, Petah Tikva, Israel; School of Nutritional Sciences, The Robert H Smith Faculty of Agriculture, Food and Environmental Quality Sciences, Hebrew University, Jerusalem, Israel.	Tight calorie control in geriatric patients following hip fracture decreases complications: a randomized, controlled study.	2014 Feb;33(1):23-8.	Clin Nutr.	Article	Geriatrics
Fitmate	2014	Mahboubeh Shaneshin, Mahsa Jessri, Bahram Rashidkhani	Community Nutrition Department, National Nutrition and Food Technology Research Institute, Shahid Beheshti University, Tehran, Iran	Validity of Energy Intake Reports in Relation to Dietary Patterns	2014 Mar;32(1):36-45	J HEALTH POPUL NUTR	Article	Clinical Nutrition
Fitmate	2014	María Soto Célix	Departamento de Biología celular, histología y farmacología, Univesidad de Valladolid (Espana)	Valoracion funcional frente a valoracion clasica del estado nutricional en una cohorte de pacientes malnutridas con anorexia nervosa	2014		Thesis	Metabolic Syndrome
Fitmate	2014	Tanner J. Soheim, Brad G. Keller, and Charles J. Fontaine	Department of Health, Physical Education and Recreation, University of Minnesota Duluth, Duluth, MN, USA	VO2 Reserve vs. Heart Rate Reserve During Moderate Intensity Treadmill Exercise	7(4) : 311-317, 2014	International Journal of Exercise Science	Article	Exercise Physiology
Fitmate	2013	Dimitria Vandarakis, Amanda J. Salacinski, Craig E. Broeder	Exercising Nutritionally, Naperville, IL, andNorthern Illinois University, DeKalb, IL, IL	A Comparison of Cosmed Metabolic Systems for the Determination of Resting Metabolic Rate	21:187-194, 2013	Research in Sports Medicine	Article	Validation
Fitmate	2013	Hoda Nadimi, Abbas Yousefinejad, Abolghasem Djazayeri, Mostafa Hosseini, Saeed Hosseini	Department of Nutrition and Biochemistry, Tehran University of Medical Sciences, Tehran, Iran	Association of vegan diet with RMR, body composition and oxidative stress	12(3) 2013, 311-317	Acta Sci. Pol., Technol. Aliment.	Article	Diet & Food Supplement
Fitmate	2013	Ruby Yu, Forrest Yau, Suzanne C Ho and Jean Woo	Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Shatin, Hong Kong, China	Associations of cardiorespiratory fitness, physical activity, and obesity with metabolic syndrome in Hong Kong Chinese midlife women	2013, 13:614	BMC Public Health	Article	Metabolic Syndrome
Fitmate	2013	A. Souto Maior, A. Paula Madeira and P. Menezes	Department of Exercise Physiology, Castelo Branco University (UCB), Rio de Janeiro, Brazil	Cardiac autonomic profile and cardiopulmonary response after maximal treadmill exercise testing with pre-exercise stretching	2013;6(1):3-8	Rev Andal Med Deporte.	Article	Exercise Physiology
Fitmate	2013	Florin, Trofin Petruț; Cezar, Honceriu; Dumitru, Cojocaru	University of Iasi, Faculty of Biology, Boulevard Carol, Romania	Comparative study on the assessment of VO2max by ergospirometrie or field test	Dec2013, Vol. 13 Issue 2, p111-124, 14p	Sport & Society / Sport si Societate .	Article	Validation
Fitmate	2013	María Francesca Piacentini, Giulia De Ioannò, Stefania Alessandra Spedicato, Alessandro Spedicato, Gianluca vernillo and Antonio La Torre	Department of Human Movement and Sport Sciences, University of Rome "Foro Italico," Rome, Italy	Concurrent strength and endurance training effects on running economy in master endurance runners	2013 Aug;27(8):2295-303	J Strength Cond Res.	Article	Running
Fitmate	2013	Ahmet Yosmaoglu, Nurhan Fistikci, Ali Keyvan, Münevver Hacıoglu, Evrim Erten, Ömer Saatcioglu, Kaan Kora	Uzm.Dr., Çaycuma Devlet Hastanesi Psikiyatri Kliniği, Çaycuma/Zonguldak	Correlation of selective serotonin re-uptake inhibitor use with weight gain and metabolic parameters	2013;14:245-51	Anatolian Journal of Psychiatry	Article	Metabolic Syndrome
Fitmate	2013	Abdesslem Koubaa , Hajer Trabelsi , Liwa Masnoudi , Mohamed Elloumi, Zouheir Sahnoun , Khaled M. Zeghal , Ahmed Hakim	Laboratory of Pharmacology, Faculty of Medicine of Sfax, University of Sfax, Tunisia	Effect Of Intermittent And Continuous Training On Body Composition Cardiorespiratory Fitness And Lipid Profile In Obese Adolescents	Volume 3, Issue 2 (March 2013), Pp 31-37	Iosr Journal Of Pharmacy	Article	Obesity
Fitmate	2013	P.Y.K. Lo, P.M.Y. Lau, R.M.W. Chau, R.M.K. Ng, A.W.K. Tsang, K.M. Ng, C.T. Chan, M.M.Y. Lam, F.L.W. Tang, P.W.L. Lau	Physiotherapy Department, Kowloon Hospital, Hong Kong	Effectiveness of a structured physical rehabilitation programme for a Chinese population with depressive disorders	December 2013Volume 31, Issue 2, Page 101	Physiotherapy Journal	Presentation	Rehabilitation
Fitmate	2013	Dr. Gulsah Sahin, Turkan Sogutcu, Dr. M.Kamil Ozer	Canakkale Onsekiz Mart University School of Physical Education and Sports Department of Coaching Education	Exercise Frequency and Physical Fitness in Women	Vol. 3 No. 12; December 2013	American International Journal of Contemporary Research	Article	Exercise Physiology
Fitmate	2013	Ewa Lange, Dominika Głabska, Dariusz Wodarek	Department of Dietetics, Faculty of Human Nutrition and Consumer Sciences, Warsaw University of Life Sciences	Indirect calorimetry in the assessment of the energy requirement in overweight and obese women	Volume 7, No. 20, Dec. 2013, pp. 91-97	Advances in Science and Technology Research Journal	Article	Validation
Fitmate	2013	R.A. Boscolo, V.A. Viana, V. Grassmann, M. Santana, S. Tufik, M.T. De Mello	Departamento de Psicobiologia, Universidade Federal de São Paulo (UNIFESP), Brazil	Is there an association between body composition, basal metabolic rate, and sleep in elderly patients with and without obstructive sleep apnea?	2013;6(4):129-134	Sleep Sci.	Article	Sleep Apnea
Fitmate	2013	Reyhaneh Barzgar, Samira Choukoud, Selma el Maknoui, Hilde Molenaar, Dorien W. Voskuil	Nutrition and Dietetics, University of Applied Science The Hague, Netherlands	Portable indirect calorimetry for estimating resting metabolic rate both reliable and feasible for use in community dietetics	2013		Poster	Validation
Fitmate	2013	Kinga Byrska	Akademia Techniczno-Humanistyczna w Bielsku-Białej, Wydział Budowy Maszyn	Potential Fitmate PRO COSMED equipment use in determining workers energy expenditure	2013 nr 4	Logistyka	Article	Ergonomics
Fitmate	2013	SN Wushe	Faculty of Health Science at the North-West University, Potchefstroom Campus.	Relationship between resting metabolic rate and physical activity in adolescents: The PAHL study	2013		Thesis	Exercise Physiology
Fitmate	2013	Petruț-Florin Trofin, Marin Chirazi, Cezar Honceriu and Dumitru Cojocaru	Faculty of Biology, Alexandru Ioan Cuza University of Iași, Iași, Romania	Study regarding the validation of an assessment protocol of VO2max on cycle ergometer	Tom LIX, 2013	Analele Științifice ale Universității „Alexandru Ioan Cuza”	Article	Exercise Physiology

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Fitmate	2013	Abdesslem koubaa, Hajer trabelsi, Liwa masmoudi, Moez triki, Zouheir Sahnoun, Khaled M. Zeghal, Ahmed Hakim	Laboratory of Pharmacology, Faculty of Medicine of Sfax, University Sfax, Tunisia	Water pipe Tobacco Smoking and Cigarette Smoking: Comparative Analysis of the Smoking Effects On Antioxidant Status, Lipid Profile and Cardiopulmonary Quality in Sedentary Smokers Tunisian	Volume 2 Issue 4 11 April 2013 PP.51-57	International Journal of Pharmaceutical Science Invention	Article	Obesity
Fitmate	2012	Mahboubeh Shaheshin, Bahram Rashidkhani, Samira Rabiei	National Nutrition and Food Technology Research Institute, Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran	Accuracy of Energy Intake Reporting: Comparison of Energy Intake and Resting Metabolic Rate and their Relation to Anthropometric and Sociodemographic Factors among Iranian Women	Volume 15, Number 11, November 2012	Archives of Iranian Medicine	Article	Clinical Nutrition
Fitmate	2012	Elisabeth Löberbauer-Purer · Nanna L. Meyer · Susanne Ring-Dimitriou · Judith Haudum · Helmut Kässmann · Erich Müller	Department of Sport Science and Kinesiology, University of Salzburg	Can alternating lower body negative and positive pressure during exercise alter regional body fat distribution or skin appearance?	(2012) 112:1861–1871	European Journal of Applied Physiology	Article	Sport Science
Fitmate	2012	Asma Aloui, Hamdi Chtourou, Liwa Masmoudi, Anis Chaouachi, Karim Chamari, and Nizar Souissi	Tunisian Research Laboratory "Sports Performance Optimization" National Center of Medicine and Sciences in Sports (CNMSS), Tunis, Tunisia	Effects of Ramadan fasting on male judokas' performances in specific and non-specific judo tasks	2012, 1–10	Biological Rhythm Research	Article	Sport Science
Fitmate	2012	Silvia Leite Faria & Orlando Pereira Faria & Cynthia Buffington & Mariane de Almeida Cardeal & Heloisa Rodrigues de Gouvêa	Gastrocirurgia de Brasília, Brasília, Brazil	Energy Expenditure Before and After Roux-en-Y Gastric Bypass	(2012) 22:1450–1455	Obesity Surgery	Article	Obesity
Fitmate	2012	Snezana Pesic, Vladimir Jakovljevic, Dusica Djordjevic, Dejan Cubrilo, Vladimir Zivkovic, Vladimir Jorga, Vujadin Mujovic, Dragan Djuric, and Biljana Stojimirovic	Department of Physiology, Faculty of Medicine, University of Kragujevac, Kragujevac, Republic of Serbia	Exercise-Induced Changes in Redox Status of Elite Karate Athletes	55(x): 2012 DOI: 10.4077/CJP.2012.AMM102		Article	Sport Science
Fitmate	2012	Ersan Aslan, Surat Muniroglu, Utku Alemdaroglu, Baris Karakoc	Ankara University, School of Physical Education and Sports, Ankara, Turkey	Investigation of the performance responses of Yo-Yo ans shuttle run tests with the treadmill run test in young soccer players	2012, Vol.3, No.3, Pg:104-112	Pamukkale Journal of Sport Sciences	Article	Sport Science
Fitmate	2012	M. Sanchez-Lopez, F. B. Ortega, P. Moya-Martinez, S. Lopez-Martinez, I. Ortiz-Galeano, M. A. Gomez-Marcos, M. Sjoström, V. Martinez-Vizcaino	Social and Health Care Research Center, University of Castilla-La Mancha, Cuenca, Spain	Leg fat might be more protective than arm fat in relation to lipid profile	2012 Apr 7	Eur J Nutr	Article	Obesity
Fitmate	2012	Silvia Leite Faria & Orlando Pereira Faria & Caroline Soares Menezes & Heloisa Rodrigues de Gouvêa & Mariane de Almeida Cardeal	Gastrocirurgia de Brasília, Brasília, Brazil	Metabolic Profile of Clinically Severe Obese Patients	(2012) 22:1257–1262	Obesity Surgery	Article	Obesity
Fitmate	2012	Andrea Di Blasio, Eugenio Gemello, Angelo Di Iorio, Gabriella Di Giacinto, Tiziana Celso, Donatella Di Renzo, Andrea Sablone and Patrizio Ripari	Department of Medicine and Sciences of Aging, G. d'Annunzio University of Chieti-Pescara, Italy	Order effects of concurrent endurance and resistance training on post-exercise response of non-trained women	(2012) 11, 393-399	Journal of Sports Science and Medicine	Article	Exercise Physiology
Fitmate	2012	Steven Mann, Judith Allgrove, James Brown, Alfonso Jimenez	Univeristy of Greenwich, Medway, United Kingdom	Relationship Between Physical Fitness, Body Composition And Cardiovascular Risk Factors In Healthy Individuals	Board#203 2012	ACSM	Poster	Obesity
Fitmate	2012	Ignacio Ortiz-Galeano, Mairena Sánchez-López, Blanca Notario-Pacheco, José Miota Ibarra, Rosa Fuentes Chacón y VicenteMartinez-Vizcaino	Centro de Estudios Sociosanitarios. Facultad de Enfermería. Universidad de Castilla-La Mancha. Cuenca	Relationship between Weight Status, Physical Fitness Levels and Blood Pressure Components in Young Women	2012; 86: 523-531	Rev Esp Salud Pública	Article	Exercise Physiology
Fitmate	2012	M. Y. C. Pang & A. Q. Cheng & D. E. Warburton & A. Y. M. Jones	Department of Rehabilitation Sciences, Hong Kong Polytechnic University, Hung Hom, Hong Kong, China	Relative impact of neuromuscular and cardiovascular factors on bone strength index of the hemiparetic distal radius epiphysis among individuals with chronic stroke	(2012) 23:2369–2379	Osteoporos Int	Article	Cardiology
Fitmate	2012	Marwan El Ghoch, Marta Alberti, Carlo Capelli, Simona Calugi, Nino Carlo Battistini, Massimo Pellegrini, Sandra Subasic, Massimo Lanza, Riccardo Dalle Grave	Department of Neurological, Neuropsychological, Morphological and Movement Sciences, University of Verona, Verona, Italy	Resting energy expenditure assessment in anorexia nervosa: comparison of indirect calorimetry, a multisensor monitor and the Muller equation	2012; Early Online: 1–6	International Journal of Food Sciences and Nutrition	Article	Metabolic Syndrome
Fitmate	2012	Abdelmonem Hassan, Aalaa Mahdi, Lara Hamade, Abdelhamid Kerkadi, Adel Yousif	Human Nutrition Program, Department of Health Sciences, Qatar University, Doha, Qatar	Resting Energy Expenditure in a Controlled Group of Young Arab Females: Correlations with Body Composition and Agreement with Prediction Equations	2013, 4, 385-391	Food and Nutrition Sciences	Article	Clinical Nutrition
Fitmate	2012	Iftitah Putri Haditia	Universitas Indonesia	Study of heat stress and workload factors effect to worker concentration	2012		Thesis	Ergonomics
Fitmate	2012	Jaswinder Singh, P Kalra, R S Walia	Research Scholar, Department of Production Engineering, PEC University of Technology, Chandigarh, UT	Study of manual material handling tasks using Taguchi technique	Oct 19-20, 2012	Proceedings of the National Conference on Trends and Advances in Mechanical Engineering	Article	Ergonomics
Fitmate	2012	Jaswinder Singh, P Kalra, R S Walia	Department of Production Engineering, PEC University of Technology, Chandigarh, UT	Study of manual material handling tasks using Taguchi technique	Oct 19-20, 2012	Proceedings of the National Conference on Trends and Advances in Mechanical Engineering	Paper	Ergonomics
Fitmate	2012	Felice Di Iorio, Mario Cesarelli, Paolo Bifulco, Antonio Fratini, Eliana Roveda, Mariano Ruffo	Faculty of Bioengineering, Department of Biomedical, Electronic and Telecommunication Engineering, University of Naples "Federico II"	The Effect of Whole Body Vibration on Oxygen Uptake and Electromyographic Signal of the Rectus Femoris Muscle during Static and Dynamic Squat	October 2012 Volume 15 Number 5	Journal of Exercise Physiology online	Article	Sport Science
Fitmate	2012	R. Anbar, Y. Beloosesky, Z. Madar, M. Theilla, T. Koren-Hakim, A. Weiss, S. Frishman, P. Singer	Rabin Medical Center and Tel Aviv University, Petah Tikva, Israel	Tight calorie control (TICACOS) in geriatric hip fracture patients	Volume 7, Issue 1, Page 18, September 2012	Clinical Nutrition Supplements	Abstract	Geriatrics
Fitmate	2011	Anna Gryka	Centre for Obesity Research and Epidemiology, Faculty of Health and Social Care, Robert Gordon University, Aberdeen, UK	Alterations in the macronutrient content of the diet and the effects on body composition, cardiovascular disease risk and the control of energy metabolism in obese patients with type 2 diabetes mellitus	October 2011		Thesis	Metabolic Syndrome

Product	Year	Author	Institute	Title	Ref.	Journal/Meeting	Format	Topic
Fitmate	2011	Maria Hassapidou, Konstantina Papadimitriou, Niki Athanasiadou, Valasia Tokmakidou, Ioannis Pagkalos, George Vlahavas, Fotini Tsofliou	Department of Nutrition and Dietetics, School of Food Technology and Nutrition, Technological Educational Institute of Thessaloniki, Thessaloniki, Greece	Changes in body weight, body composition and cardiovascular risk factors after long-term nutritional intervention in patients with severe mental illness: an observational study	BMC Psychiatry 2011, 11:31	BMC Psychiatry	Article	Clinical Nutrition
Fitmate	2011	Hipskind P, Glass C, Charlton D, Nowak D, Dasarathy S	Cleveland Clinic, Cleveland, Ohio	Do handheld calorimeters have a role in assessment of nutrition needs in hospitalized patients? A systematic review of literature	2011 Aug;26(4):426-33	Nutr Clin Pract.	Article	Clinical Nutrition
Fitmate	2011	Mishra, S and Pratt, M	The New Zealand Institute for Plant & Food Research Ltd, Palmerston North, New Zealand	Effect of capsaicin on satiety and diet-induced thermogenesis	pp. 1-6. 2010	Presented at conference of Nutrition Society of New Zealand.	Article	Obesity
Fitmate	2011	Marija Andjelkovic, Ivana Baralic, Nenad Radivojevic, Nenad Dikic, Brizita Djordjevic, Sinisa Vujic, Milica Vesic	Sports Medicine Association of Serbia, Belgrade, Serbia	Energy and dietary intakes of young professional football players	2011	7th EFSMA – European Congress of Sports Medicine	Abstract	Football
Fitmate	2011	Tamara del Corral, Janaina Percegon, Melisa Seborga, Adrian Rejas, Norma Trujillo, Lisbeth Hernandez, William Lalinde, Jordi Villa, Jordi Villaro	Asociación Madrileña Contra la Fibrosis Quística (AMCFQ), Madrid	Exercise physiologic response during three different video games in cystic fibrosis patients		34th European Cystic Fibrosis Conference, Hamburg, Germany	Abstract	Pneumology
Fitmate	2011	Cristiano de Lima, Rodrigo Luiz Vancini, Ricardo Mario Arida, Laura M.F.F. Guilhoto, Marco Túlio de Mello, Amaury Tavares Barreto, Mirian Salvadori Bittar Guaranha, Elza Márcia Targas Yacubian, Sergio Tufik	Departamento de Psicobiologia, Universidade Federal de São Paulo, São Paulo (SP), Brazil	Physiological and electroencephalographic responses to acute exhaustive physical exercise in people with juvenile myoclonic epilepsy	22 (2011) 718–722	Epilepsy & Behavior	Article	Neurology
Fitmate	2011	J. F. Burr, V. K. Jamnik, N. Gledhill	Physical Activity and Chronic Disease Unit, School of Kinesiology and Health Science, Faculty of Health, York University, Toronto, ON, Canada	Physiological fitness and health adaptations from purposeful training using off-road vehicles	(2011) 111:1841–1850	European Journal of Applied Physiology	Article	Sport Science
Fitmate	2011	J. Louis, C. Hausswirth, J. Brisswalter	Laboratoire motricité humaine éducation sport santé (Lahmess), université de Nice Sophia-Antipolis, France	Reproductibilité du système métabolique Fitmate™ Cosmed pour mesurer la dépense énergétique sous maximale du pédalage	doi:10.1016/j.scisp.2011.10.012	Science & Sports	Article	Validation
Fitmate	2011	Marwan El Ghoch, Marta Alberti, Carlo Capelli, Simona Calugi, and Riccardo Dalle Grave	Department of Eating Disorder and Obesity, Villa Garda Hospital, Garda (VR), Italy	Resting Energy Expenditure in Anorexia Nervosa: Measured versus Estimated	Volume 2012, Article ID 652932, 6 pages	Journal of Nutrition and Metabolism	Article	Metabolic Syndrome
Fitmate	2011	Marwan El Ghoch, Marta Alberti, Carlo Capelli, Simona Calugi, Riccardo Dalle Grave	Department of Eating Disorder and Obesity, Villa Garda Hospital, Garda (Vr), Italy	Resting energy expenditure in anorexia nervosa: measured vs. estimated			Thesis	Metabolic Syndrome
Fitmate	2011	Alexander Orlov, Alexander Pashkevich, Ludmila Jelenina	Pulmonologic Department, City Children Hospital St.Olga, St.Petersburg, Russian Federation	The peculiarities of basic metabolism in cystic fibrosis patients	P4301 2011	ERS	Poster	Pneumology
Fitmate	2011	Jung-Min Lee, David R. Bassett jr, Dixie I. Thompson, and Eugene C. Fitzhugh	Department of Exercise, Sport, and Leisure Studies, University of Tennessee, Tennessee, Knoxville	Validation Of The Cosmed Fitmate For Prediction Of Maximal Oxygen Consumption	25 nr 9: September 2011 2573-2579	Journal of Strength and Conditioning Research	Article	Validation
Fitmate	2011	Montserrat Solera-Martinez, Sara Lopez-Martinez, Mairena Sanchez-Lopez, Pablo Moya-Martinez, Blanca Notario-Pacheco, Natalia Arias-Palencia, Pablo Franquelo-Morales, and Vicente Martinez-Vizcainoa	Centro de Estudios Sociosanitarios, Escuela Universitaria de Enfermería, Universidad de Castilla-La Mancha, Cuenca, Spain	Validity of a Single-Factor Model Underlying the Metabolic Syndrome in Young Adults: Confirmatory Factor Analysis	Rev Esp Cardiol. 2011;64(5):379–384	Revista Espanola Cardiologia	Article	Metabolic Syndrome
Fitmate	2011	Mahboubeh Shaneshein, Arezoo Rezaezadeh, Mahsa Jessri BSc2, Tirang Neyestani PhD3, Bahram Rashidkhani	National Nutrition and Food Technology Research Institute, Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran	Validity of predictive equations for resting energy expenditure among Iranian women	2011;20 (4):646-653	Asia Pac J Clin Nutr	Article	Validation
Fitmate	2010	Sana Ullah, Reza Arsalani-Zadeh, Beryl Kirkwood, Prashant Jain, Peter Sedman, John MacFie	Department of Surgery, Academic surgical Unit, Cottingham, United Kingdom.	Accuracy of estimating formulae in calculating resting energy expenditure in morbidly obese patients	Clinical Nutrition Week 2010 W42		Poster	Clinical Nutrition
Fitmate	2010	F. Bruttini M.D., D. Bronzini, C. Bruttini, T. Gemelli, B. Magnani M.D., A. Mortara, L. Nicolasi, Monica Vescovi M.D., Marco Vescovi M.D.	Facoltà di Scienze Motorie University of Pavia, Italy	Anaerobic threshold valuation in ten top national kayakers : Comparison between direct and indirect methods		US Kinesiology Conference 2010	Poster	Sport Science
Fitmate	2010	F. Bruttini, D. Bronzini, A. Mortara, Marco Vescovi, Monica Vescovi, C. Bruttini, L. Nicolasi, B. Magnani, T. Gemelli	Canoa and Kayak Tecnical Teacher Facoltà di Scienze Motorie University of Pavia (Italy)	Anaerobic Threshold Valuation in Ten Top National Kayakers Comparison Between Direct and Indirect Methods		International e-Conference on Kinesiology and Integrated Physiology, October 4-22, 2010	Article	Sport Science
Fitmate	2010	T. Hagedorn, C. Savina, C. Coletti, M. Paolini, L. Scavone, B. Neri, Lorenzo M. Donini, C. Cannella	Department of Medical Physiopathology (Food Science Section), "Sapienza" University of Rome	Calorimetry in obese women comparison of two different operating indirect calorimeters with HB predictive equation	DOI 10.1007/s12349-010-0036-5 Aug 2010	Mediterr J Nutr Metab	Article	Clinical Nutrition
Fitmate	2010	Elpida Papadantonaki	University of Minnesota, USA	Changes in resting metabolic rate and the perception of hunger and satiety in patients with eating disorders throughout residential treatment	January 2010		Thesis	Metabolic Syndrome
Fitmate	2010	LiadLupinsky, M.D., Pierre Singer, M.D. Joelle Attal-Singer, M.D., Rafael Hirsh, M.D., GrinevMilana, R.N.	Rabin Medical center, BelinsonHospital, Petach-Tikva and SacklerSchool of Medicine, Tel Aviv University.	Comparison between the Fit Mate™ metabolic system and the DeltatracII™ Metabolic monitor in the measurement of resting energy expenditure and oxygen consumption in non-ventilated patients	2010	ESPEN	Poster	Validation
Fitmate	2010	Stefano Balducci, Silvano Zanuso, Antonio Nicolucci, Pierpaolo De Feo, Stefano Cavallo, Patrizia Cardelli, Sara Fallucca, Elena Alessi, Francesco Fallucca, Giuseppe Pugliese	Italian Diabetes Exercise Study (IDES) Investigators	Effect of Intensive Exercise Intervention Strategy on Modifiable CV Risk Factors in Subjects With Type 2 Diabetes Mellitus.pdf	2010;170(20):1794-1803	Archive Internal Medicine	Article	Metabolic Syndrome
Fitmate	2010	Chiara Grethe Bertolotti	Corso di Laurea in Fisioterapia, Facoltà di Medicina, Università degli Studi di Parma (Italy)	Il consumo energetico nel cammino dell'empiego effetti di un training su treadmill	2010		Thesis	Disabled

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Fitmate	2010	Andrea Dovo, Eliana Roveda, Chiara Sciolla, Angela Montaruli, Andrea Raffaelli, Alessandro Saba, Giovanna Calogiuri, Silvia De Francia, Paolo Borriero, Piero Salvadori, Franca Carandente, Alberto Angeli	Internal Medicine, Department of Clinical and Biological Sciences, University of Turin	Intense physical exercise increases systemic 11 β -hydroxysteroid dehydrogenase type 1 activity in healthy adult subjects	(2010) 108:681–687	European Journal of Applied Physiology	Article	Sport Science
Fitmate	2010	David C. Nieman, Ashley S. Williams, R. Andrew Shanley, Fuxia Jin, Steven R. McAnulty, N. Travis Triplett, Melanie D. Austin and Dru A. Henson	Appalachian State University, Boone, NC	Quercetin's Influence on Exercise Performance and Muscle Mitochondrial Biogenesis	June 2009	Medicine & Science in Sports & Exercise	Article	Exercise Physiology
Fitmate	2010	Stefano Balducci, Silvano Zannuso, Patrizia Cardelli, Gerardo Salerno, Sara Fallucca, Antonio Nicolucci, Giuseppe Pugliese	Department of Clinical and Molecular Medicine, "La Sapienza" University, Rome, Italy	Supervised Exercise Training Counterbalances the Adverse Effects of Insulin Therapy in Overweight/Obese Subjects With Type 2 Diabetes	DOI: 10.2337/dc11-1450 2011	Diabetes Care	Article	Metabolic Syndrome
Fitmate	2010	Michael P. Muehlenbein, Jana L. Hirschtick, Julia Z. Bonner and Ann M. Swartz	Anthropological Center for Training and Research on Global Environmental Change Indiana University, U.S.A.	Toward Quantifying the Usage Costs of Human Immunity: Altered Metabolic Rates and Hormone Levels During Acute Immune Activation in Men	22:546–556 (2010)	AMERICAN JOURNAL OF HUMAN BIOLOGY	Article	Immunology
Fitmate	2009	Bellotti, Cecilia; Casiello, Lorenzo; Pogliaghi, Silvia	Università di Verona, Italy	"Tailored" Step Test For Rapid, Accurate And Safe Vo2max Determination In Healthy Elderly.	May 2009 - Volume 41 - Issue 5	Medicine & Science in Sports & Exercise	Abstract	Exercise Physiology
Fitmate	2009	Watson, Jill	Dietetics, Nutrition and Biological Sciences, Queen Margaret University (UK)	A Comparison of Prediction Equations in Estimating Resting Energy Expenditure in Healthy Women	2009		Abstract	Clinical Nutrition
Fitmate	2009	Jaime Guixeres, Irene Zaragoza, Mariano Alcaniz, Julio Gomistena and Ausiàs Cebolla	Institute of Research & Innovation on Biengineering for Human Beings I3BH	A New Protocol Test For Physical Activity Research In Obese Children (Etiobe Project)	Volume 7 Year 2009	Annual Review of Cybertherapy and Telemedicine	Article	Exercise Physiology
Fitmate	2009	Maurilio Massara	Department of Clinical and Experimental Medicine, University of Eastern Piedmont "A. Avogadro" Novara Italy	Effect of body weight increase on energy expenditure in young complete spinal cord injured patients		International Spinal Cord Society 2009 Annual Congress	Poster	Rehabilitation
Fitmate	2009	Weimo Zhu, Renwei Wang, Zhengping Yuan, Huijuan Lu, Liling Fan, Yong Gao, Qing Li, Jibing Wang, Kendrith M. Rowland, Kerry S. Courneya, Carole Schneider.	University of Illinois at Urbana-Champaign	Energy Expenditure Characteristics Of Guo Lin Qi-gong Exercise In Cancer Survivors A Preliminary Report	2009	ACSM	Abstract	Sport Science
Fitmate	2009	C. Nisticò, A. Ammendolia, T. Iona, M.C. Papaiani, R. Scarfone	Universita' degli Studi "Magna Graecia" di Catanzaro, Italy	Is 1 MET really 1 MET?	2009 Oslo, Norway	ECSS	Abstract	Obesity
Fitmate	2009	Piacentini, M.F., Carminucci, R., Quinci, M.L., Gianfelici, A., Capranica, L.	University of Rome-Foro Italico	Metabolic Response during an Aquatreadmill class in young and middle aged adults		14th Annual Congress of the European College of Sport Science	Abstract	Sport Science
Fitmate	2009	Jamie F. Burr, Veronica K. Jamnik, Jim A. Shaw, and Norman Gledhill	Physical Activity and Chronic Disease Unit, Faculty of Health, York University, Toronto, Ontario, CANADA	Physiological Demands of Off-Road Vehicle Riding	Nov 2009 - 0195-9131/10/4207-1345/0	Medicine & Science in Sports & Exercise	Article	Sport Science
Fitmate	2009	Lee, Jungmin; Bassett, David R.; Thompson, Dixie L.; Fitzhugh, Eugene C.	University of Tennessee, Knoxville, TN.	Validation Of The Cosmed Fitmate For Predicting Maximal Oxygen Consumption	May 2009 - Volume 41 - Issue 5 - p 260	Medicine & Science in Sports & Exercise	Poster	Validation
Fitmate	2008	Janine Margarita R. Dizon, Remelou G. Alfelor, Reil Vinard S. Espino, Mary Jane C. Lopez, Albrecht Sygui		Cardiovascular endurance levels of Asian Games 2006 bound Filipino elite athletes	May 2008 Volume 2 Issue 2	Philippine Journal of Allied Health Sciences	Article	Sport Science
Fitmate	2008	Bahareh Amirakali, Saeed Hosseini, Ramin Heshmat, Bagher Larjani	The Endocrinology and Metabolism Research center (EMRC) of the Teheran University of Medical Sciences (TUMS)	Comparison of Harris Benedict and Mifflin St-Jeor Equations with indirect calorimetry in evaluating REE	Vol. 62, July 2008	Indian Journal of Medical Sciences	Article	Exercise Physiology
Fitmate	2008	R. Anbar, Z. Madar, M. Theilla, H. Fisher, S. Lev, J. Cohen, P. Singer	Institute for Nutrition Research, Rabin Medical Center, Jerusalem, Israel	Decrease in hospital mortality in tight calorie balance control study: the preliminary results of the TICACOS Study	Volume 3, Supplement 1, Page 11 (2008)	Clinical Nutrition	Article	Clinical Nutrition
Fitmate	2008	Silvia Pogliaghi	Scienze delle Attività Motorie Preventive ed Adattate, Università degli Studi di Verona	Elaborazione ed applicazione di una variante metodologica allo step test di Astrand per la valutazione funzionale nell anziano	2008		Thesis	Sport Science
Fitmate	2008	Boscolo, R.; Viana, V & Santana, M	Federal University of São Paulo, Brazil	Resting metabolic rate, aerobic power, sleep, and physical activity levels of elderly men		ICSEMIS proceedings 2008	Article	Clinical Nutrition
Fitmate	2008	Siengluecha A. Intarakamhang P., Senakham T.	Department of Physical medicine and Rehabilitation, Pramongkutklao Hospital, Department of Sport Science, Srinakharinviroj University, Thailand	The intensity levels of the synchronous arm swinging exercise in sitting and standing positions: a study in healthy subjects	2008, 18(3):90-97	Journal of Thailand Rehabilitation Medicine	Article	Sport Science
Fitmate	2008	Stefano Balducci, Silvano Zannuso, Patrizia Cardelli, Gerardo Salerno, Sara Fallucca, Antonio Nicolucci, Giuseppe Pugliese	Department of Clinical and Molecular Medicine, "La Sapienza" University, Rome, Italy	The Italian Diabetes and Exercise Study (IDES): Design and methods for a prospective Italian multicentre trial of intensive lifestyle intervention in people with type 2 diabetes and the metabolic syndrome	(2008) 18, 585e595	Nutrition, Metabolism & Cardiovascular Diseases	Article	Metabolic Syndrome
Fitmate	2008	Lee, Jungmin	University of Tennessee, Knoxville, TN.	Validation Of The Cosmed Fitmate For Predicting Maximal Oxygen Consumption	December 2008		Thesis	Validation
Fitmate	2007	Iona, T., Ammendolia, A., Iocco, M., D'Andrea, M., Chiodo, S., Fragomeni, G., Palumbo, A., Capranica, L., Piacentini, M.	University of Magna Grecia, Catanzaro, Italy	Metabolic and EMG changes during cardiofitness multiplanar training: a pilot study			Abstract	Exercise Physiology
Fitmate	2007	Li Min, Piao Jian-hua, Liu Jian-min, Tian Ying, Sun Rui, Yang Xiao-guang	National Institute for Nutrition and Food safety	Study on reliability of Resting Metabolic Rate determined by Fitmate lung function analytical instrument	2007, 19-6 p. 512	Chinese Journal of Food hygiene	Article	Validation
Fitmate	2007	David C. Nieman, Melanie D. Austin, Laura Benezra, Steven Pearce, Tim McInnis, Jess Unick, Sarah J. Gross	Appalachian State University, NC, USA Department of Health, Leisure, and Exercise Science, Human Performance Lab	Validation of COSMED's Fitmate in measuring exercise metabolism	15: 67–75, 2007	Research in Sports Medicine	Published	Validation
Fitmate	2006	David C. Nieman, Melanie D. Austin, Laura Benezra, Steven Pearce, Tim McInnis, Jess Unick, Sarah J. Gross	Appalachian State University, NC, USA Department of Health, Leisure, and Exercise Science, Human Performance Lab	Validation of COSMED's Fitmate in measuring oxygen consumption and estimating resting metabolic rate	14: 1–8, 2006	Research in Sports Medicine	Published	Validation
Fitmate	2006	Corey L. Anderson	South Dakota State University	Validity and Reliability of the Medical Graphics VO2000, Cosmed Fitmate Pro, and Healtech MedGem during rest and at submaximal and maximal exercise intensities.	2006		Thesis	Validation

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Fitmate	2005	David C. Nieman, Melanie D. Austin, Laura Benezra, Steven Pearce, Tim McInnis, Jess Unick, Sarah J. Gross	Appalachian State University, NC, USA Department of Health, Leisure, and Exercise Science, Human Performance Lab	Validation of COSMED's Fitmate in measuring oxygen consumption and estimating resting metabolic rate	2005	ACSM	Poster	Validation