

## Actiwatch Bibliography

This bibliography contains references that have been sent to us and citations for abstracts from scientific meetings.

If you have used Actiwatch in your research, we would appreciate receiving reprints if available, and if not, the full citation. Please email them to [jessica.wojdak@respironics.com](mailto:jessica.wojdak@respironics.com). Please send reprints to Jessica Wojdak, Respironics, 20300 Empire Avenue, Bldg. B-3, Bend, OR 97701, USA.

### 2008

Aeschbach, Daniel, Cutler, Alex J., Ronda, Joseph M. A role for non-rapid-eye-movement sleep homeostasis in perceptual learning. *J of Neuroscience*, March 12, 2008; Vol. 28; No. 11; pp. 2766-2772.

Burgess, Helen J., Revell, Victoria L., Eastman, Charmaine I. A three pulse phase response curve to three milligrams of melatonin in humans. *J Physiol*, 2008; Abstract 586.2; pp. 639-647.

Goldman, Suzanne E., Martica Hall, Robert Boudreau, Karen A. Matthews, Jane A. Couley, Sonia Ancoli-Israel, Katie L. Stone, Susan M. Rubin, Suzanne Satterfield, Eleanor M. Simonsick, Anne B. Newman. Association between nighttime sleep and napping in older adults. *SLEEP*, 2008; Vol. 31; No. 5; pp. 733-740.

Kohler, M., S. Kriemler, E. Handke, H. Brunner-LaRocca, M. Zehnder, K.E. Bloch. Children at high altitude have less nocturnal periodic breathing than adults. *Eur Respir J*, 2008. (doi:10.1183/09031936.00119807)

Lewin, Daniel. Methods for Evaluating and Treating Multifactorial Insomnia in Adolescents. *In proceedings of the 26th Annual Sleep Disorders in Infancy & Childhood Conference*, January 17-19, 2008.

Long, Anna C., Palermo, Tonya M., Manees, Anne M. Brief Report: Using Actigraphy to Compare Physical Activity Levels in Adolescents with Chronic Pain and Healthy Adolescents. *Journal of Pediatric Psychology*. January 7, 2008.

Mezick, Elizabeth J., Karen A. Matthews, Martica Hall, Patrick J. Strollo, Daniel J. Buysse, Thomas W. Kamarck, Jane F. Owens, Steven E. Reis. Influence of race and socioeconomic status on sleep: Pittsburgh SleepSCORE Project. *Psychosomatic Medicine*, 2008; Vol. 70; pp. 410-416.

Milroy, G., Psy, D.C., Dorris, L., McMillan, T.M. Sleep Disturbances following Mild Traumatic Brain Injury in Childhood. *Journal of Pediatric Psychology*, 2008; Vol. 33; pp. 242-247. (CNT)

Nakayama-Ashida, Yukiyo, Misa Takegami, Kazuo Chin, Kensuke Sumi, Takaya Nakamura, Ken-ichi Takahashi, Tomoko Wakamura, Sachiko Horita, Yasunori Oka, Itsunari Minami, Shunichi Fukuhara, Hiroshi Kadotani. Sleep-disordered breathing in the usual lifestyle setting as detected with home monitoring in a population of working men in Japan. *SLEEP*, 2008; Vol. 31; No. 3; pp. 419-425.

Nelson, Edward L., Lari B. Wenzel, Kathryn Osann, Aysun Dogan-Ates, Nissa Chantana, Astris Reina-Patton, Amanda K. Laust, Kevin P. Nishimoto, Alexandra Chicz-DeMet, Nefertiti du Pont, Bradley J. Monk. Stress, immunity, and cervical cancer: Biobehavioral outcomes of a randomized clinical trial. *Clinical Cancer Research*, 2008; Vol. 14; pp. 2111-2118.

Riemersma-van der Lek, Rixt F., Swaab, Dick F., Twisk, Jos, Hol, Elly M., Hoogendijk, Witte J.G., Van Someren, Eus J.W. Effect of Bright Light and Melatonin on Cognitive and Noncognitive Function in Elderly Residents of Group Care Facilities: A Randomized Controlled Trial. *JAMA*, 2008; Vol. 299, No. 22; pp. 2642-2655. (CNT)

Schnakers, C., R. Hustinx, G. Vandewalle, S. Majerus, G. Moonen, M. Boly, A. Vanhaudenhuyse, S. Laureys. Measuring the effect of amantadine in chronic anoxic minimally conscious state. *J. Neurol. Neurosurg. Psychiatry*, 2008; Vol. 79; pp. 225-227. (CNT)

Sit, Arthur J., Cherie B. Nau, Jay W. McLaren, Douglas H. Johnson, David Hodge. Circadian variation of aqueous dynamics in young healthy adults. *Investigative Ophthalmology & Visual Science*, 2008; Vol. 49; No. 4; pp. 1473-1479.

Spira, Adam P., Leah Friedman, Jasdeep S. Aulakh, Tina Lee, Javaid I. Sheikh, Jerome A. Yesavage. Subclinical anxiety symptoms, sleep, and daytime dysfunction in older adults with primary insomnia. *Journal of Geriatric Psychiatry and Neurology*, 2008; Vol. 21; No. 1; pp. 56-60.

Strang-Karlsson, Sonja, Katri Raikkonen, Eero Kajantie, Sture Andersson, Petteri Hovi, Kati Heinonen, Anu-Katriina Pesonen, Anna-Liisa Jarvenpaa, Johan G. Eriksson, E. Julia Paavonen. Sleep quality in young adults with very low birth weight – the Helsinki Study of very low birth weight adults. *Journal of Pediatric Psychology*, 2008; Vol. 33; No. 4; pp. 387-395.

Tasali, Esra, Rachel Leproult, David A. Ehrmann, Eve Van Cauter. Slow-wave sleep and the risk of type 2 diabetes in humans. *PNAS*, January 22, 2008; Vol. 105; No. 3; pp. 1044-1049. (doi:10.1073/pnas.0706446105)

Tonetti, Lorenzo, Francesco Pasquini, Marco Fabbri, Massimiliano Belluzzi, Vincenzo Natale. Comparison of two different actigraphs with polysomnography in healthy young subjects. *Chronobiol Int*, 2008; Vol. 25; No. 1; pp. 145-153.

Tsai, Shao-Yu, Labyak, Susan E., Richardson, Laura P., Lentz, Martha J., Brandt, Patricia A., Ward, Teresa M., Landis, Carol A. Brief Report: Actigraphic Sleep and Daytime Naps in Adolescent Girls with Chronic Musculoskeletal Pain. *Journal of Pediatric Psychiatry*, 2008; Vol. 33; pp. 307-311.

Werner, Helene, Luciano Molinari, Caroline Guyer, Oskar G. Jenni. Agreement rates between actigraphy, diary, and questionnaire for children's sleep patterns. *Arch Pediatr Adolesc Med*, 2008; Vol. 162; No. 4; pp. 350-358.

Wolfson, Amy R., Rosen, Carol L. Using and Scoring Actigraphy. In *proceedings of the 26th Annual Sleep Disorders in Infancy & Childhood Conference*, January 17-19, 2008.

## 2007

Adkins, Karen, Goldman, Suzanne, Crowe, Crystal, Malow, Beth. Practical Tips for Conducting Successful Actigraphy Research in Children with Autism Spectrum Disorders. [Poster] *APSS, 2007. SLEEP*, 2007; Vol. 30; Abstract Supplement A0230.

Agarwal, S., Polydefkis, M., Block, B., Haythornthwaite, J., Raja, S. Transdermal Fentanyl Reduces Pain and Improves Functional Activity in Neuropathic Pain States. *Pain Medicine*, 2007; Vol. 8; No. 7; pp. 554-562.

Angulo-Barroso, R., Burghardt, A.R., Lloyd, M., Ulrich, D.A. Physical Activity in Infants with Down Syndrome Receiving a Treadmill Intervention. *Infant Behavior and Development*, December 2007; Vol. 30; No. 4; p. ii. (doi:10.1016/j.infbeh.2007.10.003)

Arora, Vineet, M., Georgitis, Emily, Woodruff, James, N., Humphrey, Holly, J., Meltzer, D. Improving Sleep Hygiene of Medical Interns. *Arch Intern Med*, 2007; Vol. 167; pp. 1738-1744.

Ayalon, L., Borodkin, K., Dishon, L., Kanety, H., Dagan, Y. Circadian rhythm sleep disorders following mild traumatic brain injury. *Neurology*, 2007; Vol. 68; pp. 1136-1140.

Carvalho-Bos, S.S., Rixt F. Riemersma-van der Lek, Waterhouse, J., Reilly, T., Van Someren, Eus J.W. Strong Association of the Rest-Activity Rhythm With Well-Being in Demented Elderly Women. *Am J Geriatr Psychiatry*. 2007; Vol. 15; pp. 92-100. (CNT)

Cuevas, Ramon, F., Marzec, Mary, Howard, Peter, Crowe, Crystal, Reed, Hannah, Malow, Beth, A. Does Actigraphy Provide a Valid Measure of Overnight Sleep in Children with Autism Spectrum Disorders? [Poster] *SLEEP*, 2007; Vol. 30.

Fox, Niall, Heneghan, C., Gonzalez, M., Shouldice, R., de Chazal, P. An Evaluation of a Non-contact Bimotion Sensor with Actimetry. *Annual Conference of the IEEE (Engineering in Medicine and Biology Science*, August 22-26, 2007; pp. 2664-2668.

Friedman, L.F., Zeitzer, J.M., Lin, L., Hoff, D., Mignot, E., Peskind, E.R., Yesavage, J.A. In Alzheimer disease, increased wake fragmentation found in those with lower hypocretin-1. *Neurology*, 2007; Vol. 68; pp. 793-794.

Gibbs, Michelle, Hampton, Shelagh, Morgan, L., Arendt, J. Predicting Circadian Response to Abrupt Phase Shift: 6 Sulphatoxymelatonin Rhythms in Rotating Shift Workers Offshore. *J Biol Rhythms*, 2007; Vol. 22; p. 368.

Gironda, R.J., Lloyd, J., Clark, M.E., Walker, R.L. Preliminary Evaluation of the Reliability and Criterion Validity of the Actiwatch-Score. *Journal of Rehabilitation Research & Development*, 2007; Vol. 44; No. 2; pp. 223-230.

Goldman, S.E., Stone, Katie, L., Ancoli-Israel, S., Blackwell, T., Ewig, S.K., Boudreau, R., Cauley, J.A., Hall, M., Matthews, K.A., Newman, A.B. Poor Sleep is Associated with Poorer Physical Performance and Greater Functional Limitations in Older Women. *SLEEP*, 2007; Vol. 30; No. 10; pp. 1317-1324.

Goulet, Genevieve, Mongrain, V., Desrosiers, C., Paquet, J., Dumont, M. Daily Light Exposure in Morning-Type and Evening-Type Individuals. *Journal of Biological Rhythms*, 2007; Vol. 22; p. 151.

Gruber, Reut, Grizenko, Natalie, Schwartz, G., Bellingham, Johanne, Guzman, Rosherrrie, Jooper, Ridha. Performance on the Continuous Performance Test in Children with ADHD Is Associated with Sleep Efficiency. *SLEEP*, 2007; Vol. 30; No. 8; pp. 1003-1009.

Hacker, Eileen Danaher, Ferrans, Carol Estwing. Ecological Momentary Assessment of Fatigue in Patients Receiving Intensive Cancer Therapy. *J of Pain and Symptom Management*, 2007; Vol. 33, No. 3; pp. 267-275. (doi:10.1016/j.jpainsymman.2006.08.007)

Hyde, M., O'Driscoll, D.M., Binette, S., Galang, C., Tan, S.K., Verginis, N., Davey, M.J., Horne, R.S. Validation of actigraphy for determining sleep and wake in children with sleep disordered breathing. *J Sleep Res*, June 1, 2007; Vol. 16; No. 2; pp. 213-216.

Ivanov, Plamen Ch., Kun Hu, Michael F. Hilton, Steven A. Shea, H. Eugene Stanley. Endogenous circadian rhythm in human motor activity uncoupled from circadian influences on cardiac dynamics. *PNAS*. December 26, 2007; Vol. 104; No. 52; pp. 20702-20707. (doi:10.1073/pnas.0709957104)

James, Francine, O., Cermakian, N., Boivin, D.B. Circadian Rhythms of Melatonin, Cortisol, and Clock Gene Expression During Simulated Night Shift Work. *SLEEP*, 2007; Vol. 30; No. 11; pp. 1427-1436.

Knutson, Kristen L., Rathouz, P.J., Yan, Lijing L., Liu, K., Lauderdale, D.S. Intra-Individual Daily and Yearly Variability in Actigraphically Recorded Sleep Measures: the CARDIA Study. *SLEEP*, 2007; Vol. 30; No. 6.

Kohyama, Jun. Early rising children are more active than late risers. *Neuropsychiatric Disease and Treatment*, 2007; Vol. 3; No. 6; pp. 1-5.

Lee, D., Morgan, K., Lindsay, J. Effect of institutional respite care on the sleep of people with dementia and their primary caregivers. *J Am Geriatr Soc*, February 1, 2007; Vol. 55; No. 2; pp. 252-258. (CNT)

Morgenthaler, T., Alessi, C., Friedman, L., Owens, J., Kapur, V., Boehlecke, B., Brown, T., Chesson, A., Coleman, J., Lee-Chiong, T., Pancer, J., Swick, T. Practice Parameters for the Use of Actigraphy in the Assessment of Sleep and Sleep Disorders: An Update for 2007. *SLEEP*, 2007; Vol. 30; No. 4; pp. 519-529.

Morgenthaler, T., et al. Practice Parameters for the Clinical Evaluation and Treatment of Circadian Rhythm Sleep Disorders. *SLEEP*, 2007; Vol. 30; No. 11; pp. 1445-1459.

Paquet, J., Kawinska, A., Carrier, J. Wake Detection Capacity of Actigraphy during Sleep. *SLEEP*, 2007; Vol. 30; No. 10; pp. 1362-1369.

Rowlands, Ann V. Accelerometer assessment of physical activity in children: an update. *Pediatric Exercise Science*, 2007; Vol. 19; pp. 252-266.

Rufiange, M., Beaulieu, C., Lachapelle, P., Dumont, M. Circadian Light Sensitivity and Rate of Retinal Dark Adaptation in Indoor and Outdoor Workers. *J of Bio Rhythms*, October 2007; Vol. 22; No. 5; pp. 454-457.

Sack, B., et al. Circadian Rhythm Sleep Disorders: Part I, Basic Principles, Shift Work and Jet Lag Disorders. *SLEEP*, 2007; Vol. 30; No. 11; pp. 1460-1483.

Sack, B., et al. Circadian Rhythm Sleep Disorders: Part II, Advanced Sleep Phase Disorder, Delayed Sleep Phase Disorder, Free-Running Disorder, and Irregular Sleep-Wake Rhythm. *SLEEP*, 2007; Vol. 30; No. 11; pp. 1484-1501.

Schabus, M., Dang-Vu, T.T., Albouy, G., Boly, M., Carrier, J., Darsaud, A., Degueldre, C., Desseilles, M., Gais, S., Phillips, C., Rauchs, G., Schnakers, C., Sterpenich, V., Vandewalle, G., Luxen, A., Maquet, P. Hemodynamic cerebral correlates of sleep spindles during human non-rapid eye movement sleep. *PNAS*. published August 1, 2007; Vol. 104; No. 32; pp. 13164-13169. (CNT)

So, K., Adamson, T.M., Horne, R.S. The use of actigraphy for assessment of the development of sleep/wake patterns in infants during the first 12 months of life. *J Sleep Res*, June 1, 2007; Vol. 16; No. 2; pp. 181-187.

Tsai, S., Thomas, K. Circadian Ambient Light and Activity Patterns in Mothers and Infants. *SLEEP*, 2007; Vol. 30; Abstract Supplement, p. A64.

Ueno-Towatari, T., Norimatsu, K., Blazejczyk, K., Tokura, H., Morita, T. Seasonal Variations of Melatonin Secretion in Young Females under Natural and Artificial Light Conditions in Fukuoka, Japan. *Journal of Physiological Anthropology*, 2007; Vol. 26; pp. 209-215.

van den Berg, Julia F., Tulen, Joke H.M., Neven, Arie Knuistingh, Hofman, Albert, Miedema, Henk M.E., Witteman, Jacqueline C.M., Tiemeier, Henning. Sleep Duration and Hypertension are not associated in the elderly. *Hypertension*, 2007; Vol. 50; p. 585. (Published online before print July 16, 2007, doi:10.1161/Hypertensionaha.107.092585) (CNT)

Vandewalle, G., Gais, S., Schabus, M., Baiteau, E., Carrier, J., Darsaud, A., Sterpenich, V., Albouy, G., Dijk, D.J., Maquet, P. Wavelength-Dependent Modulation of Brain Responses to a Working Memory Task by Daytime Light Exposure. *Cerebral Cortex*, 2007. (doi:10.1093/cercor/bhm007) (CNT)

Wulff, K., Bayle, F., Hajak, G., Gonzalez, A.L., Smeraldi, E., Rybakowski, J., Laigle, L., Kasper, S. Exploratory study of actigraphic and psychometric measures in depressed patients included in a RCT with agomelatine or sertraline. [Poster] (CNT)

## 2006

Anderson, C., Horne, J.A. Sleepiness enhances distraction during a monotonous task. *SLEEP*, 2006; Vol. 29; No. 4; pp. 573-576. (CNT)

Arendt, Josephine, Middleton, B., Williams, P., Francis, G., Luke, C. Sleep and Circadian Phase in a Ship's Crew. *Journal of Biological Rhythms*, 2006; Vol. 21; No. 3; pp. 214-221. (CNT)

Arora, Vineet, Dunphy, C., Chang, Vivian Y., Ahmad, F., Humphrey, Holly J., Meltzer, D. The Effects of On-Duty Napping on Intern Sleep Time and Fatigue. *American College of Physicians; Annals of Internal Medicine*, June 6, 2006; Vol. 144; No. 11; pp. 792-798.

Berlin, A.A., Kop, W.J., Deuster, P.A. Depressive Mood Symptoms and Fatigue after Exercise Withdrawal: The Potential Role of Decreased Fitness. *Psychosomatic Medicine*, 2006; Vol. 68; pp. 224-230.

Bjorvatn, B., Stangenes, K., Oyane, N., Forberg, K., Lowden, A., Holsten, F., Akerstedt, T. Subjective and Objective Measures of Adaption and Readaptation to Night Work on an Oil Rig in the North Sea. *SLEEP*, 2006; Vol. 29; No. 6; pp. 821-829. (CNT)

Burgess, H.J., Eastman, C.I. Short Nights Reduce Light-Induced Circadian Phase Delays in Humans. *SLEEP*, 2006; Vol. 29; No. 1; pp. 25-30.

De Vries, S.I., Bakker, I., Hopman-Rock, M., Hirasings, R.A., van Mechelen, W. Clinimetric review of motion sensors in children and adolescents. *Journal of Clinical Epidemiology*, 2006; Vol. 59; No. 7; pp. 670-680.

Farrow, Tom F.D., Hunter, M.D., Haque, R., Spence, S.A. Modafinil and unconstrained motor activity in schizophrenia. Double-blind crossover placebo-controlled trial. *British Journal of Psychiatry*, 2006; Vol. 189; pp. 461-462. (doi:10.1192/bjp.bp.105.017335) (CNT)

Feinberg, Irwin, Higgins, L.M., Khaw, W.Y., Campbell, I.G. The adolescent decline of NREM delta, an indicator of brain maturation, is linked to age and sex but not to pubertal stage. *Am J Physiol Regul Integr Comp Physiol*, 2006; Vol. 2091; pp. R1724-R1729.

Hacker, Eileen, Ferrans, C., Verlen, E., Ravandi, F., van Besien, Gelms, J., Dieterle, N. Fatigue and Physical Activity in Patients Undergoing Hematopoietic Stem Cell Transplant. *Oncology Nursing Program*, 2006; Vol. 33; No. 3; pp. 614-624. (doi: 10.1188/06.ONF.614-624)

Hare, D.J., Jones, S., Evershed, K. A comparative study of circadian rhythm functioning and sleep in people with Asperger syndrome. *The National Autistic Society*, 2006; Vol. 10; No. 6; pp. 565-575.

Hare, D.J., Jones, S., Evershed, K. Objective investigation of the sleep-wake cycle in adults with intellectual disabilities and autistic spectrum disorders. *Journal of Intellectual Disability Research*, October 2006; Vol. 50; No. 10; pp. 701-710.

Hoekert, M., et al. Comparison Between Informant-Observed and Actigraphic Assessments of Sleep-Wake Rhythm Disturbances in Demented Residents of Homes for the Elderly. *Am J Psychiatry*, 2006; Vol. 14; No. 2; pp. 104-111. (CNT)

Jenni, O.G., Deboer, T., Achermann, P. Development of the 24-h rest-activity pattern in human infants. *Infant Behavior and Development*, 2006; Vol. 29; pp. 143-152.

Kaida, K., Takahashi, M., Haratani, T., et al. Indoor exposure to natural bright light prevents afternoon sleepiness. *SLEEP*, 2006; Vol. 29; No. 4; pp. 462-469.

Kordas, Katarzyna, Siegel, Emily H., Katz, Joanne, LeClerq, Steven C., Khatry, Subarna K., Tielsch, James, Stoltzfus, Rebecca J. Nutritional status, sleep patterns, and nighttime activity in Nepali infants. *The FASEB Journal*, 2006; Vol. 20; No. 20; p. A1050.

Landolt, H.P., Glatzel, M., Blattler, T., Achermann, P., Roth, C., Mathis, J., Weiss, J., Tobler, I., Aguzzi, A., Bassetti, C.L. Sleep-wake disturbances in sporadic Creutzfeldt-Jakob disease. *Neurology*, 2006; Vol. 66; pp. 1418-1424. (CNT)

Lauderdale, D.S., Knutson, K.L., Yan, L.L., Rathouz, P.J., Hulley, S.B., Sidney, S. Liu, K. Objectively Measured Sleep Characteristics among Early-Middle-Aged Adults: The CARDIA Study. *American Journal of Epidemiology*, 2006; Vol. 164; No. 1; pp. 5-16. (doi: 10.1093/aje.kwj199)

Lichstein, K.L., Stone, K.C., Donaldson, J., Nau, S.D., Soeffing, J.P., Murray, D. Lester, K., Aguillard, N. Actigraphy Validation with Insomnia. *SLEEP*, 2006; Vol. 29; No. 2; pp. 232-239.

McKay, Sandra, Angulo-Barroso, Rosa M. Longitudinal Assessment of Leg Motor Activity & Sleep Patterns in Infants with and without Down Syndrome. *Infant Behav Dev*, April 2006; Vol. 29; No. 2; pp. 153-168.

Nindl, B.C., Rarick, K.R., Castellani, J.W., Tuckow, A.P., Patton, J.F., Young, A.J., Montain, S.J. Altered secretion of growth hormone and luteinizing hormone after 84 h of sustained physical exertion superimposed on caloric and sleep restriction. *Journal of Applied Physiology*, 2006; Vol. 100; pp. 120-128. (doi:10.1152/jappphysiol.01415.2004)

Rosekind, Mark R., Kevin B. Gregory, Melissa M. Mallis. Alertness management in aviation operations: enhancing performance and sleep. *Aviation, Space and Environmental Medicine*, 2006; Vol. 77; No. 12; pp. 1256-1265.

Schweitzer, Paula K., Randazzo, Angela C., Stone, Kara, Erman, Milton M.D., Walsh, James K. Laboratory and field studies of naps and caffeine as practical countermeasures for sleep wake problems associated with night work. *SLEEP*, 2006; Vol. 29; No. 1; pp. 39-50.

Signal, T.L., Gale, J., Gander, P.H. Sleep Measurement in Flight Crew: Comparing Actigraphic and Subjective Estimates to Polysomnography. *Sleep Diagnosis and Therapy*, April-May 2006; Vol. 1; No. 3; pp. 25-30.

Sivertsen, B., Omvik, S.O., Havik, O.E., Pallesen, Stale, Bjorvatn, B., Nielsen, G.H., Straume, S., Nordhus, I.H. A Comparison of Actigraphy and Polysomnography in Older Adults treated for Chronic Primary Insomnia. *SLEEP*, 2006; Vol. 29; No. 10; pp. 1353-1358. (CNT)

Wright, Kenneth P. Jr., Hull, J.T., Hughes, R.J., Ronda, J.M., Czeisler, C.A. Sleep and Wakefulness Out of Phase with Internal Biological Time Impairs Learning in Humans. *Journal of Cognitive Neuroscience*, 2006; Vol. 18; pp. 508-521.

Wyatt, J.K., Stepanski, E.J., Kirkby, J. Circadian Phase in Delayed Sleep Phase Syndrome: Predictors and Temporal Stability across Multiple Assessments. *SLEEP*, 2006; Vol. 29; No. 8; pp. 1075-1080.

## 2005

Ancoli-Israel, S., Amatniek, J., Ascher, S., Sadik, K., Ramaswamy, K. Effects of Galantamine versus Donepezil on sleep in patients with mild to moderate Alzheimer disease and their caregivers. *Alzheimer Dis Assoc Disord*, October-December 2005; Vol. 19; No. 4.

Arendt, J. Todd, Judith Owens, Megan Crouch, Jessica Stahl, Mary A. Carskadon. Neurobehavioral performance of residents after heavy night call vs. after alcohol ingestion. *JAMA*, 2005; Vol. 294; pp. 1025-1033.

Burgess, Helen J., Charmane I. Eastman. Short nights attenuate light-induced circadian phase advances in humans. *J Clin. Endocrinology & Metabolism*, 2005; Vol. 90; No. 8; pp. 4437-4440.

Comella, Cynthia L., Mary Morrissey, Kimberly Janko. Nocturnal activity with nighttime pergolide in Parkinson disease: A controlled study using actigraphy. *Neurology*, 2005; Vol. 64; No. 8; pp. 1450-1451.

Eastman, C.I., J. Gazda, H.J. Burgess, S.J. Crowley, L.F. Fogg. Advancing circadian rhythms before eastward flight: A strategy to prevent or reduce jet lag. *SLEEP*, 2005; Vol. 28; No. 1; pp. 33-44.

Evangelista, Lorraine S., Dracup, Kathleen, Doering, Lynn, Moser, Debra K., Kobashigawa, Jon. Physical Activity Patterns in Heart Transplant Women. *J of Cardiovascular Nursing*, 2005; Vol. 20; No. 5; pp. 334-339.

Firincieli, V., Keller, A., Ehrensberger, R., Platts-Mills, J., Shufflebarger, C., Geldmaker, B., Platts-Mills, T. Decreased physical activity among headstart children with a history of wheezing: use of an accelerometer to measure activity. *Pediatric Pulmonology*, July 2005; Vol. 40; No. 1; pp. 57-63.

Grap, Mary Jo, Todd Borchers, Cindy L. Munro, R.K. Elswick, Jr., Curtis N. Sessler. Actigraphy in the critically ill: Correlation with activity, agitation, and sedation. *Amer. J of Critical Care*, 2005; Vol. 14; No. 1; pp. 52-60.

Jean-Louis, G., Kripke, D.F., Elliott, J.A., Zizi, F., Wolintz, A.H., Lazzaro, D.R. Daily illumination exposure and melatonin: influence of ophthalmic dysfunction and sleep duration. *Journal of Circadian Rhythms*, 2005; Vol. 3; p. 13. (doi:10.1186/1740-3391-3-13)

Kawinska, A., Dumont, M., Selmaoui, B., Paquet, J., Carrier, J. Are modifications of melatonin circadian rhythm in the middle years of life related to habitual patterns of light exposure? *Journal of Biological Rhythms*, 2005; Vol. 20; No. 5; pp. 451-460.

King, M.A., M.O. Jaffre, E. Morrish, J.M. Shneerson, I.E. Smith. The validation of a new actigraphy system for the measurement of periodic leg movements in sleep. *Sleep Medicine*, 2005; Vol. 6; No. 4; pp. 1-7.

Kohn, L., C.A. Espie. Sensitivity and specificity of measures of the insomnia experience: a comparative study of psychophysiologic insomnia, insomnia associated with mental disorder and good sleepers. *SLEEP*, 2005; Vol. 28; No. 1; pp. 104-112.

Kop, Willem J., Angela Lyden, Ali A. Berlin, Kirsten Ambrose, Cara Olsen, Richard H. Gracely, David A. Williams, Daniel J. Clauw. Ambulatory monitoring of physical activity and symptoms in fibromyalgia and chronic fatigue syndrome. *Arthritis & Rheumatism*, 2005; Vol. 52; No. 1; pp. 296-303.

Leonhardt, Steffen. Personal Healthcare Devices. *Chapter 1.5 in Proceedings of the December 2004 Philips Symposium on Hardware Technology Drivers of Ambient Intelligence*.

Miller, Nita Lewis, Shattuck, Lawrence, G. Sleep Patterns of Young Men and Women Enrolled at the United States Military Academy: Results from Year 1 of a 4-Year Longitudinal Study. *Sleep*, 2005; Vol. 28; No. 7; p. 837.

Mongrain, Valerie, Carrier, Julie, Dumont, Marie. Chronotype and Sex Effects on Sleep Architecture and Quantitative Sleep EEG in Healthy Young Adults. *Sleep*, 2005; Vol. 28; No. 7; p. 819.

Penev, Plamen, Karine Spiegel, Teresa Marcinkowski, Eve Van Cauter. Impact of carbohydrate-rich meals on plasma epinephrine levels: Dysregulation with aging. *J. Clin. Endocrinology & Metabolism*, 2005. (10.1210/jc.2005-0415)

Redeker, N., Hilkert, R. Sleep and Quality of Life in Stable Heart Failure. *Journal of Cardiac Failure*, 2005; Vol. 11; No. 9; pp. 700-705.

Revell, V., Burgess, H., Gazda, C., Smith, M., Fogg, L., Eastman, C. Advancing circadian rhythms with afternoon melatonin and morning intermittent bright light. *Journal of Clinical Endocrinology & Metabolism*, 2005; Vol. 91; No. 1; pp. 54-59.

Rumble, M.E., Keefe, F.J., Edinger, J.D., Porter, L.S., Garst, J.L. A pilot study investigating the utility of the cognitive-behavioral model of insomnia in early-stage lung cancer patients. *J Pain Symptom Manage*, Aug. 2005; Vol. 30; No. 2; pp. 160-169.

So, K., Buckley, P., Adamson, T.M., Horne, R.S. Actigraphy correctly predicts sleep behavior in infants who are younger than six months, when compared with polysomnography. *Pediatr Res*, Oct. 2005; Vol. 58; No. 4; pp. 761-765.

Twoogler, Shelley S., Scott Davis, Michael V. Vitiello, Martha J. Lentz, Anne McTiernan. Factors associated with objective (actigraphic) and subjective sleep quality in young adult women. *Journal of Psychosomatic Research*, 2005; Vol. 59; pp. 11-19.

Winkler, Dietmar, Edda Pjrek, Nicole Praschak-Rieder, Matthaus Willeit, Lukas Pezawas, Anastasios Konstantinidis, Jurgen Stastny, Siegfried Kasper. Actigraphy in patients with seasonal affective disorder and healthy control subjects treated with light therapy. *Biol. Psychiatry*, 2005; Vol. 58; pp. 331-336.

## 2004

- Armitage, R., Hoffmann, R., Emslie, G., Rintelman, J., Moore, J., Lewis, K. Rest-activity cycles in childhood and adolescent depression. *J. Am. Child Adolesc. Psychiatry*, 2004; Vol. 43; No. 6; pp. 761-769.
- Attarian, Hrayr P., K.M. Brown, S.P. Duntley, J.D. Carter, A.H. Cross. The relationship of sleep disturbances and fatigue in multiple sclerosis. *Arch Neurol*, 2004; Vol. 61; No. 4; pp. 525-528.
- Benloucif, S., L. Orbeta, R. Ortiz, I. Janssen, S.I. Finkel, J. Bliberg, P.C. Zee. Morning or evening activity improves neuropsychological performance and subjective sleep quality in older adults. *SLEEP*, 2004; Vol. 27; No. 8; pp. 1542-1551.
- Benson, K., Friedman, L., Noda, A., Wicks, D., Wakabayashi, E., Yesavage, J. The measurement of sleep by actigraphy: direct comparison of 2 commercially available actigraphs in a nonclinical population. *Sleep*, 2004; Vol. 27; No. 5; pp. 986-989.
- Bruck, Dorothy, Sharnie Reid, Jefon Kouzma, Michelle Ball. The effectiveness of different alarms in waking sleeping children. In: *Proceedings of the 3rd International Symposium on Human Behaviour in Fire*, 2004.
- Burgess, H.J., Eastman, C.I. Staying up late phase delays the human circadian clock. *SLEEP*, 2004; Vol. 27; Abstract 148.E; p. A67.
- Cook, K.G., Lichstein, K.L., Donaldson, J., Nau, S.D., Lester, K.W., Aguillard, R.N. An exploratory validation of actigraphic measures of insomnia. *SLEEP*, 2004; Vol. 27; Abstract 605.L; p. A270.
- Edinger, J.D., Means, M.K., Stechuchak, K.M., Olsen, M.K. A pilot study of inexpensive sleep-assessment devices. *Behavioral Sleep Medicine*, 2004; Vol. 2; No. 1; pp. 41-49.
- Fridel, K.W., Cousins, J.C., McKnight, P.E., Bootzin, R.R. A multitrait-multimethod analysis of sleep log and actigraphy assessment in adolescents recovering from substance abuse. *SLEEP*, 2004; Vol. 27; Abstract 831.R; p. A371.
- Gaina, Alexandru, Michikazu Sekine, Xiaoli Chen, Shimako Hamanishi, Sadanobu Kagamimori. Sleep parameters recorded by Actiwatch in elementary school children and junior high school adolescents: schooldays vs weekends. *Sleep and Hypnosis*, 2004; Vol. 6; No. 2; pp. 65-76.
- Gaina, A., Sekine, M., Chen, X., Hamanishi, S., Kagamimori, S. Validity of child sleep diary questionnaire among junior high school children. *J Epidemiol*, Jan. 2004; Vol. 14; No. 1; pp. 1-4.
- George, C.F., Saxena, A. Sleepiness and performance in a cohort of medical residents. *SLEEP*, 2004; Vol. 27; Abstract 921.U; p. A412-A413.
- Gossel-Symanck, R., Grimmer, I., Korte, J., Siegmund, R. Actigraphic monitoring of the activity-rest behavior of preterm and full-term infants at 20 months of age. *Chronobiol Int*, 2004; Vol. 21; No. 4-5; pp. 661-671.
- Gronfier, C., Wright, K., Kronauer, R., Jewett, M., Czeisler, C. Efficacy of a single sequence of intermittent bright light pulses for delaying circadian phases in humans. *ALP-Endocrinology and Metabolism*, 2004; Vol. 287; p. E174-E181.
- Gschliesser, V., Frauscher, B., Kunz, K., Brandauer, E., Ulmer, H., Poewe, W., Hogl, B. Actigraphy for PLM detection: A validation study with polysomnography. *SLEEP*, 2004; Vol. 27; Abstract 660.N; p. A295.
- Hoffmann, R., Emslie, G., Thompson, J., Rintelmann, J., Armitage, R. The relationship between actigraphy and polysomnography in healthy children and adolescents. *SLEEP*, 2004; Vol. 27; Abstract 816; p. A365.
- Kim, R., Zhang, J., Mayleben, D., Roth, A., Corser, B., Nandy, P., Harris, S., Perhach, J. Dose and time dependent discrimination of daytime sleepiness measured by Multiple Sleep Latency Test (MSLT), Psychomotor Performance Tests (PPT), and Stanford Sleepiness Scale (SSS) after a single AM administration of a sedative hypnotic drug. *SLEEP 27*: Abstract 109, p. A49.
- Knutson, K.L., Yan, L.L., Rathouz, P.J., Liu, K., Lauderdale, D.S. Comparison of self-reported and objectively-measured sleep duration in a population-based cohort study. *SLEEP*, 2004; Vol. 27; Abstract 890.U; p. A398-399.
- Korte, J., Hoehn, T., Siegmund, R. Actigraphic recordings of activity-rest rhythms of neonates born by different delivery modes. *Chronobiol Int*, 2004; Vol. 21; No. 1; pp. 95-106.
- Lauderdale, D.S., Knutson, K.L., Yan, L.L., Rathouz, P.J., Liu, K. Objective sleep duration and latency in a population-based study of middle-aged adults. *SLEEP*, 2004; Vol. 27; Abstract 888.U; p. A397-A398.

Lee, J.H., R. Friedland, P.J. Whitehouse, J.I. Woo. Twenty-four-hour rhythms of sleep-wake cycle and temperature in Alzheimer's Disease. *J. of Neuropsychiatry Clin Neurosci*, 2004; Vol. 16; pp. 192-198.

Liszka-Hackzell, John J., David P. Martin. An analysis of the relationship between activity and pain in chronic and acute low back pain. *Anesth Analg*, 2004; Vol. 99; No. 2; pp. 477-481.

Maislin, G., Gooneratne, N., Cater, J.R., Staley, B., Pack, F., Dinges, D.F., Pack, A.I. Case control study of insomnia in the elderly. *SLEEP*, 2004; Vol. 27; Abstract 632.L; p. A281-A282.

Means, M., Edinger, J.D., Stechuchak, K.M., Olsen, M.K. Comparison of sleep assessment devices in a mixed sample of sleep disordered patients: An update. *SLEEP*, 2004; Vol. 27; Abstract 798.R; p. A357-A358.

Millar, A., Espie, C.A., Scott, J. The sleep of remitted bipolar outpatients: a controlled naturalistic study using actigraphy. *Journal of Affective Disorders*, 2004; Vol. 80; pp. 145-153.

Miller, N.L., Shattuck, L.G., Miller, D.B., Clarke, J., Neverosky, D. Sleep patterns of incoming cadets at the United States Military Academy. *SLEEP*, 2004; Vol. 27; Abstract 351.I; p. A160-A161.

Nunes, J., Jean-Louis, G., Zizi, F., Verdecias, R.N., DiPalma, J., Ogera, P., Singh, M. Usefulness of the PSQI among community-residing older adults: consideration of ethnic differences. *SLEEP*, 2004; Vol. 27; Abstract 283.H; p. A128-A129.

Oh, J., Munday, K., Chang, A., Reid, K., Zee, P. Alteration in the interaction between circadian and sleep homeostatic processes in delayed sleep phase syndrome. *SLEEP*, 2004; Vol. 27; Abstract 178.E; p. A81.

Ohayon, Maurice, Carskadon, Mary, Guilleminault, C., Vitiello, M. Meta-Analysis of Quantitative Sleep Parameters from Childhood to Old Age in Healthy Individuals: Developing Normative Sleep Values across the Human Lifespan. *SLEEP*, 2004; Vol. 27; No. 7; pp. 1255-1273.

O'Reardon, J.P., Ringel, B.L., Dinges, D.F., Allison, K.C., Rogers, N.L., Martino, N.S., Stunkard, A.J. Circadian Eating and Sleeping Patterns in the Night Eating Syndrome. *Obesity Research*, Nov. 2004; Vol. 12; No. 11; pp. 1789-1796.

Orgill, J.C., Bath, J., Ebrahim, I.O., de Lacy, S.F., Williams, A.J. The role of actigraphy in the study of sleep and circadian rhythms. *SLEEP*, 2004; Vol. 27; Abstract 802.R; p. A359.

Owens, J., Sangal, R.B., Allen, A.J., Kelsey, D., Sutton, V., Schuh, K. Sleep of children with ADHD compared with healthy controls. *SLEEP*, 2004; Vol. 27; Abstract 198.G; p. A91.

Oyung, R.L., Mallis, M.M. Cockpit light exposure in flight crew spanning 30 days of night flight activity. *SLEEP*, 2004; Vol. 27; Abstract 47.E; p. A80-81.

Oyung, R.L., Mallis, M.M. Differences in the amount of time in bed during layover and at home for domestic and international pilots. *Aviation, Space and Environmental Medicine*, 2004; Vol. 75; No. 4; Suppl. 2; p. B128.

Oyung, R.L., Mallis, M.M. Differences observed in time in bed during layover and at home for domestic and flag pilots over 40 days of flight activity. *Aviation, Space and Environmental Med*, 2004; Vol. 75; No. 4; Sec. II; Abstract# 594.

Puyau, Maurice R., Anne L. Adolph, Firoz A. Vohra, Issa Zakeri, Nancy F. Butte. Prediction of activity energy expenditure using accelerometers in children. *Med & Sci in Sports & Exercise*, 2004; Vol. 36; No. 9; pp. 1625-1631.

Redeker, N.S., Stein, S. Sleep patterns of stable heart failure patients compared with healthy controls. *SLEEP*, 2004; Vol. 27; Abstract 749.P; p. A335.

Rich, G. Efficacy of airbed sleep system in sleep improvement in a chronic low back pain. *SLEEP*, 2004; Vol. 27; Abstract 757.P; p. A338-339.

Rivkees, Scott A., Linda Mayes, Harris Jacobs, Ian Gross. Rest-activity patterns of premature infants are regulated by cycled lighting. *Pediatrics*, 2004; Vol. 113; No. 4; pp. 833-839.

Scheer, F.A., Van Montfrans, G.A., Buijs, R.M. Chronic, but not acute, nighttime melatonin administration improves sleep quality in hypertensive patients. *SLEEP*, 2004; Vol. 27; Abstract 735.P; p. A329.

So, K., Egodagamage, C., Parslow, P.M., Buckley, P., Adamson, T.M., Horne, R.S.C. Validation of actigraphy against polysomnography in determining sleep and wake in young infants. [Abstract] *European Sleep Res. Soc*, 2004.

Szeinberg, A., Shahar, O, Tamir, J., Dagan, Y. Melatonin for sleep-wake schedule disorders in young children. *SLEEP*, 2004; Vol. 27; Abstract 211.G; p. A96.

Tworoger, S.S., Davis, S., Emerson, S.S., Mirick, D.K., Lentz, M.J., McTiernan, A. Effect of a nighttime magnetic field exposure on sleep patterns in young women. *Am. J. of Epidemiology*, 2004; Vol. 160; No. 3; pp. 224-229.

Warms, C.A., Belza, B.L. Actigraphy as a measure of physical activity for wheelchair users with spinal cord injury. *Nursing Research*, 2004; Vol. 53; No. 2; pp. 136-142.

Warms, C.A., Belza, B.L., Whitney, J.D., Mitchell, P.H., Stiens, S.A. Lifestyle physical activity for individuals with spinal cord injury: A pilot study. *American J of Health Promotion*, 2004; Vol. 18; No. 4; pp. 288-291.

Wee, R., Van Gelder, R.N. Sleep disturbances in young subjects with visual dysfunction. *Ophthalmology*, Feb. 2004; Vol. 111; No. 2; pp. 297-302; discussion 303.

Wilson, S.J., Rich, A.S., Rich, N.C., Potokar, J., Nutt. D.J. Evaluation of actigraphy and automated telephoned questionnaires to assess hypnotic effects in insomnia. *Int Clin Psychopharmacol*, March 2004; Vol. 19; No. 2; pp. 77-84.

Woo, R.K., Greco, R.S., Wapnir, I.L., Colrain, I.M. The effect acute sleep deprivation experienced in a simulated on-call period on surgical performance. *SLEEP*, 2004; Vol. 27; Abstract 365.I; p. A167.

Zizi, F., Jean-Louis, G., Verdecias, R.N., DiPalma, J., Wolintz, A.H., Beaugris, K. Diurnal preference and the phase timings of ambient illumination and rest-activity. *SLEEP*, 2004; Vol. 27; Abstract 155.E; p. A70.

## 2003

Alley, L.G., Parker, K.P., Williams, M., de l'Aune, W., Armour, B., Etchason, J. Influence of pain and opioid analgesics on nighttime sleep and daytime functioning in medical oncology patients. *SLEEP*, 2003; Vol. 26; Abstract 915.P; p. A362-A363.

Allison, K.C., O'Reardon, J.P., Rogers, N.L., Ringell, B.L., Dinges, D.F., Stunkard, A.J. Actigraphic and sleep diary assessment of sleep in night eating syndrome. *SLEEP*, 2004; Vol. 26; Abstract 0806.M; p. A321.

Bos, Sandra Carvalho, Jim Waterhouse, Ben Edwards, Ries Simons, Thomas Reilly. The use of actimetry to assess changes to the rest-activity cycle. *Chronobiology Int*, 2003; Vol. 20; No. 6; pp. 1039-1059.

Bruck, D. The influence of naturalistic diurnal behaviours on sleep in the healthy aged. *SLEEP*, 2003; Vol. 26; Abstract 0409.H; p. A165.

Burgess, Helen J., Charmane I. Eastman. Early versus late bedtimes phase shift the human dim light melatonin rhythm despite a fixed morning lights on time. *Neuroscience Letters*, 2003; Vol. 356; pp. 115-118.

Burgess, Helen J., Stephanie J. Crowley, Clifford J. Gazda, Louis F. Fogg, Charmane I. Eastman. Preflight adjustment to eastward travel: 3 days of advancing sleep with and without morning bright light. *J. Bio. Rhythms*, 2003; Vol. 18; No. 4; pp. 318-328.

Chen, Kong Y., Sari A. Acra, Karen Majchrzak, Candice L. Donahue, Lemont Baker, Linda Clemens, Ming Sun, Maciej S. Buchowski. Predicting energy expenditure of physical activity using hip- and wrist-worn accelerometers. *Diabetes Technology & Therapeutics*, 2003; Vol. 5; No. 6; pp. 1023-1033.

Crabtree, Valeria McLaughlin, Anna Ivanenko, David Gozal. Clinical and parental assessment of sleep in children with Attention-Deficit/Hyperactivity Disorder referred to a pediatric sleep medicine center. *Clinical Pediatrics*, 2003; Vol. 42; pp. 807-813.

Crowley, Stephanie J., Clara Lee, Christine Y. Tseng, Louis F. Fogg, Charmane I. Eastman. Combinations of bright light, scheduled dark, sunglasses, and melatonin to facilitate circadian entrainment to night shift work. *J. Bio. Rhythms*, 2003; Vol. 18; No. 6; pp. 513-523.

Edell-Gustafsson, U.M., Swahn, E., Svanborg, E. Sleep-activity profile and quality of life in patients with stable coronary disease. *SLEEP*, 2003; Vol. 26; Abstract 900.P; p. A357.

Fridel, K.W., Cousins, J.C., Bootzin, R.R. Sleep diary and actigraphy assessment in adolescents recovering from substance abuse. *SLEEP*, 2003; Vol. 26; Abstract 1023.R; p. A406.

Hull, Joseph T., Kenneth P. Wright, Jr., Charles A. Czeisler. The influence of subjective alertness and motivation on human performance independent of circadian and homeostatic regulation. *J. Biol. Rhythms*, 2003; Vol. 18; No. 4; pp. 329-338.

Hurlburt, K.W., Simon, Jr., R.D., and Roth, E.M. 2003. Change in PVT alertness levels pre and post MSLT sessions. *SLEEP*, 2003; Vol. 26; Abstract 987.R; p. A392.

James, F.O., Komourian, J., Morin, C., Boivin, D.B. Correlation of actigraphic measures of sleep quality with nightcap and polysomnography in diurnal sleep of night shift workers. *SLEEP*, 2003; Vol. 26; Abstract 1011.R; p. A401-A402.

Jean-Louis, G., Kripke, D., Cohen, C., Zizi, F., Harris, A., Wolintz, A.H., Greenidge, K.C. Ambient illumination among older Brooklyn residents: influence of ethnicity and eye diagnosis. *SLEEP*, 2003; Vol. 26; Abstract 247.E; p. A100.

Jean-Louis, G., Kripke, D.F., Cohen, C.H., Zizi, F., Harris, A., Wolintz, A.H., Greenidge, K.C. Relationships of ambient illumination to depressed mood: contribution of ophthalmic diseases. *SLEEP*, 2003; Vol. 26; Abstract 388.H; p. A156.

Levin, A.A., Baynard, M.D., Rogers, N.L., Dinges, D.F., Van Dongen, H. The effect of staying up late on circadian phase: Biomathematical predictions versus experimental findings. *SLEEP*, 2003; Vol. 26; Abstract 267.E; p. A108.

Littner, M., Kushida, C.A., Anderson, W.M., Bailey, D., Berry, R.B., Davila, D.G., Hirshkowitz, M., Kapen, S., Kramer, M., Loubé, D., Wise, M., Johnson, S.F. Practice Parameters for the role of Actigraphy in the Study of Sleep and Circadian Rhythms: An Update from 2002. *SLEEP*, 2003; Vol. 26; No. 3; pp. 337-341.

Mallis, M.M., Oyung, R.L., Reduta, D.D. Morningness-eveningness preference in commercial aviators. *SLEEP*, 2003; Vol. 26; Abstract 276.E; p. A112.

Means, M.K., Edinger, J.D., Stechuchak, K.M., Olsen, M.K. Comparison of sleep assessment devices in a mixed sample of sleep disordered patients. *SLEEP*, 2003; Vol. 26; Abstract 1020.R; p. A405.

Monk, Timothy H., Daniel J. Buysse, Kathy S. Kennedy, Jaime M. Potts, Jean M. DeGrazia, Jean M. Miewald. Measuring sleep habits without using a diary: the sleep timing questionnaire. *SLEEP*, 2003; Vol. 26; No. 2; pp. 208-212.

Morrish, E., King, M.A., Pilsworth, S.N., Shneerson, J.M., Smith, I.E. Night-to-night variability of periodic leg movements in a community population. *SLEEP*, 2003; Vol. 26; Abstract 859.N; p. A341-A342.

Oyung, R.L., Mallis, M.M. Recovery sleep in flight crew spanning 30 days of flight activity. *SLEEP*, 2003; Vol. 26; Abstract 514.I; p. A207.

Palmer, Christopher R., Daniel F. Kripke, Henry C. Savage Jr., Larry A. Cindrich, Richard T. Loving, Jeffrey A. Elliott. Efficacy of enhanced evening light for advanced sleep phase syndrome. *Behavioral Sleep Medicine*, 2003; Vol. 1; No. 4; pp. 213-226.

Rufiange, M., P. Lachapelle, M. Dumont. Effect of long-term light exposure on retinal and circadian light sensitivity of outdoor and indoor workers. *Chronobio. Int*, 2003; Vol. 20; No. 6; pp. 1159-1160.

Singer, Clifford, Rochelle E. Tractenberg, Jeffrey Kaye, Kim Schafer, Anthony Gamst, Michael Grundman, Ronald Thomas, Leon J. Thal. A multicenter, placebo-controlled trial of melatonin for sleep disturbance in Alzheimer's Disease. *SLEEP*, 2003; Vol. 26; No. 7; pp. 893-901.

Stanley, N., Emegbo, S., Pedlar, C. Whyte, G., Hindmarch, I. Acute normobaric hypoxia and its effects on measures of sleep quality in recreational athletes. *SLEEP*, 2003; Vol. 26; Abstract 0170.B; p. A70.

Stanley, Neil. Actigraphy in human psychopharmacology: A review. *Human Psychopharmacol Clin Exp*, 2003; Vol. 18; pp. 39-49.

Valdez, P., Ramirez, C., Garcia, A. Adjustment of the sleep-wake cycle to small (1-2 h) changes in schedule. *Biological Rhythm Res*, 2003; Vol. 34; No. 2; pp. 145-155.

Vallieres, A., Morin, C. Actigraphy in the Assessment of Insomnia. *SLEEP*, 2003; Vol. 26; No. 7; pp. 902-906.

Verdecias, R.N., Jean-Louis, G., Zizi, F., DiPalma, J., Magai, C., Mendlowicz, M., Casimir, G., Stewart, A., Wolintz, A. Relationships between attachment styles and sleep patterns. *SLEEP*, 2003; Vol. 26; Abstract 1070.U; p. A425.

Vinzio, Stephane, Anne Ruellan, Anne-Elisabeth Perrin, Jean-Louis Schlienger, Bernard Goichot. Actigraphic assessment of the circadian rest-activity rhythm in elderly patients hospitalized in an acute care unit. *Psychiatry and Clinical Neurosciences*, 2003; Vol. 57; pp. 53-58.

**2002**

- Alley, L.G., Parker, K.P., de l'Aune, W., Vena, C., Armour, B., Etchason, J. Impact of pain and opioids on sleep in medical oncology patients. *SLEEP*, in press.
- Ayalon, Liat, Haggai Hermesh, Yaron Dagan. Case study of circadian rhythm sleep disorder following haloperidol treatment: Reversal by risperidone and melatonin. *Chronobiology Int*, 2002; Vol. 19; No. 5; pp. 947-959.
- Caliyurt, O., James, F.O., Boivin, D.B. Characterization of a non-24-hour sleep-wake syndrome after traumatic brain injury. *SLEEP*, 2002; Vol. 25; Abstract 249.E; p. A189.
- Finn, K.J., Specker, B. Factors associated with physical activity in preschool children. *J. of Pediatrics*, 2002; Vol. 140; No. 1; pp. 81-85.
- Freeman, J.L., Risser, M.R., Ware, J.C., Ball, J.D., Urbano, M., Lagasca, J.M., Paul, A., Fishback, N., Morewitz, C., Asarias, J.A. The effects of modafinil on simulated driving performance in ADHD subjects compared to controls. *SLEEP*, in press.
- Johnson, William B., Steven Hall, Jean Watson. The current picture of rest among aviation maintenance technicians in air-line environments. [Oral presentation] *16th Human Factors in Aviation Maintenance Symposium*, 2002, San Francisco, CA.
- Kawada T, Kuroiwa M, Sasazawa Y, Suzuki S, Tamura Y. Sleep time monitoring by accelerometer in two subjects for 1 year. *J Sound Vib*, 2002; Vol. 250; pp. 75-82.
- Keene, E.M., B.C. Nindl, S.J. Montain, J.W. Castellani, C.D. Leone, P.N. Frykman, J.F. Patton. Upper and lower body anaerobic performance during 72 hours of military operational stress. *Med Sci in Sports and Exercise*, Abstract # 1460, *Am. Coll of Sports Med*, 2002.
- Laffan, A.M., Duffy, J.F. Light exposure patterns in healthy young and older adults. *SLEEP*, 2002; Vol. 25; Abstract 422.E; p. A307-308.
- LeBourgeois, M.K., Acebo, C., Seifer, R., Carskadon, M.A. Comparing Estimates of Adolescent Sleep and Wake from two Activity Monitoring Systems. *SLEEP*, 2002; Vol. 25; Abstract A273-A274.
- Liszka-Hackzell, J.J., Martin, D.P. Categorization and analysis of pain and activity in patients with low back pain using a neural network technique. *J. of Medical Systems*, 2002; Vol. 26; No. 4; pp. 337-347.
- Lukas, Scott E., Michael E. Stull, Michael C. Tracy, Ronald L. Cowan. Polydrug abuse patterns with MDMA (Ecstasy) among young adults. *The College on Problems of Drug Dependence, 64th Annual Scientific Meeting*, 2002, Quebec City.
- Martin, Stacia K., Charmane I. Eastman. Sleep logs of young adults with self-selected sleep times predict the dim light melatonin onset. *Chronobio Int*, 2002; Vol. 19; No. 4; pp. 695-707.
- Means, M.K., Edinger, J.D., Husain, A.M. Comparison of home and laboratory actigraphy in young adults with and without primary insomnia. *SLEEP*, 2002; Vol. 25; Abstract 333.L; p. A245-246.
- Morrish, Emma, Martin A. King, Samantha N. Pilsworth, John M. Shneerson, Ian E. Smith. Periodic limb movement in a community population detected by a new actigraphy technique. *Sleep Medicine*, 2002; Vol. 3; pp. 489-495.
- Nindl, B.C., S.J. Montain, J.W. Castellani, C.D. Leone, M.D. Ward, A.J. Young, A. Diamandi, M.J. Khosravi. Non-ternary Igf-I and Igfbp-3 molecular complexes during prolonged work and caloric restriction. *Med Sci in Sports and Exercise*, Abstract #1549, *Am Coll of Sports Med*, 2002.
- Nishihara, Kyoko, S. Horiuchi, H. Eto, S. Uchida. The development of infants' circadian rest-activity rhythm and mothers' rhythm. *Physiol & Behavior*, 2002; Vol. 77; pp. 91-98.
- Orbeta, L.I., Ortiz, R.J., Boudjenah, D., Benloucif, S., Goldman, N., Zee, P.C. Assessment of the phase shifting ability of a portable light delivery device. *SLEEP*, 2002; Vol. 25; Abstract 728.R.
- Pandorf, C.E., Nindl, B.C., Leone, C.D., Castellani, J.W., Tharion, W.J., Montain, S.J. Physical performance responses to 72 hours of prolonged work, sleep deprivation and caloric restriction. *Med and Sci in Sports and Exercise*, Abstract #1094, *Am Coll of Sports Med*, 2002.
- Purnell, M.T., A.M. Feyer, G.P. Herbison. The impact of a nap opportunity during the night shift on the performance and alertness of 12-h shift workers. *J. Sleep Research*, 2002; Vol. 11; pp. 219-227.

Puyau, M.R., A.L. Adolph, F.A. Vohra, N.F. Butte. Validation and calibration of physical activity monitors in children. *Obesity Research*, 2002; Vol. 10; pp. 150-157.

Rodriguez, D.M., Oyung, R.L., Barger, L.K., Mallis, M.M., Jewett, M.E. Flight deck light exposure of pilots during long-haul trips between the United States and Japan. *SLEEP*, 2002; Vol. 25; Abstract 594.E; p. A420-421.

Tharion, W.J., S.J. Montain, C.D. Leone, J.W. Castellani. A new test of self-paced work sensitive to the effects of prolonged work and sleep deprivation. In: *Proceedings of the Human Factors Society 46th Annual Meeting*, 2002.

Wakamura, T., Miyajima A., Hashimoto K., Minamiguchi Y. Influence of jet lag on adaptation to new time zone interpreted from Jet Lag questionnaires. *6th Int. Congress of Physiol Anthropol*, 2002; Abs. #29.

Warms, C.A., Belza, B.B. Feasibility of actigraphy for monitoring physical activity for people with SCI. *Communicating Nursing Research Conference Proceedings*, Western Institute of Nursing abstracts, 2002; Vol. 35; No. 10; pp. 291.

Werth, Esther, Egemen Savaskan, Vera Knoblauch, Paola Fontana Gasio, Eus J.W. van Someren, Christoph Hock, Anna Wirz-Justice. Decline in long-term circadian rest-activity cycle organization in a patient with dementia. *J Geriatr Psychiatry Neurol*, 2002; Vol. 15; pp. 55-59.

## 2001

Alley, L.G., Parker, K.P., de l'Aune, W. Nighttime sleep, daytime sleepiness, and pain in medical oncology patients. *Oncology Nursing Forum*, 2001; Vol. 24; (Abstract supplement) #A383.

Ayalon, L., L. Dishon, Y. Dagan. Circadian rhythm sleep disorders following minor head trauma. *Chronobiology Int*, 2001; Vol. 18; No. 6.

Brown, E.L., L.K. Barger, C.D. May, M.E. Jewett. A transformation function can equate readings of wrist-worn light measuring devices to those of handheld light monitors. *SLEEP*, 2001; Vol. 24; Supplement Abstract #166.R; p. A102.

Brown, E.L., M.E. Jewett, L.K. Barger. Evaluating light recordings at the wrist-level: A prerequisite study for future shuttle-based investigations. *SLEEP*, 2001; Vol. 24; Supplement Abstract #701.R; p. A395.

Castellani, J.W., D.A. Stulz, L.A. Blanchard, B.S. Cadarette, B.C. Nindl, S.J. Montain. 84 hours of exertional fatigue, caloric deficit, and sleep deprivation impairs shivering during cold air exposure in men. *FASEB Journal*, 2001; Vol. 15; p. A94.

Colling, E., J. Mastick, L. Schmedlen, G. Dowling, J. Carter, C. Singer, E. DeJongh. Wrist actigraphy as a method of sleep detection in Parkinson's disease. *SLEEP*, 2001; Vol. 24; Supplement Abstract #733.R; p. A413.

Finn, K.J., Finn, K.K., Flack, T. Validation of Actiwatch activity monitor in children. *Medicine and Science in Sport and Exercise*, 2001; Vol. 33; Suppl. 5; p. S250.

Gander, P.H., J.M. Fielden, B.M. Lewer, J.G. Horne. Effects of total hip replacement on subjective and actigraphic measures of sleep. *SLEEP*, 2001; Vol. 24; Supplement Abstract #673.P; p. A380.

Harrison, Tara Lynn. Characterizing childhood bipolar disorder: Do alterations in activity level identify mood states? *NIH Research Festival*, 2001; Abstract NB – 14 Neurobiology.

Hughes, R.J., H. Van Dongen, D.F. Dinges, N. Rogers, K.P. Wright, Jr., D.F. Edgar, C.A. Czeisler. Modafinil improves alertness and performance during simulated night work. *SLEEP*, 2001; Vol. 24; Supplement Abstract #336.E; p. A200.

James, Regina S., Wendy S. Sharp, Theresa M. Bastain, Patti P. Lee, James M. Walter, Mark Czarnolewski, F. Xavier Castellanos. Double-blind, placebo-controlled study of single-dose amphetamine formulations in ADHD. *J. Am. Acad. Child Adolesc. Psychiatry*, 2001; Vol. 40; No. 11; pp. 1268 – 1276.

Janko, Kimberly A., Cynthia L. Comella, Mary Morrissey. Two measures of nocturnal sleep in Parkinson's Disease: Correlation of actigraph measures and the Pittsburgh Sleep Quality Index. Abstract #P01.006, *Amer. Acad. Of Neurology*, 2001.

Johnson, R.F., D.J. Merullo, S.J. Montain, J.W. Castellani. Marksmanship during simulated sustained operations. In: *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 2001; Vol. 45; pp. 1382-1385.

Jones, R.W., Howcroft, D.J. The potential of modafinil in improving sleep-activity profiles of patients with dementia. *Int. Psychogeriatrics*, 2001; Vol. 13; No. 2; Abstract 163S.

Kawada, T., P. Xin, M. Kuroiwa, Y. Sasazawa, S. Suzuki. Habituation of sleep to road traffic noise as determined by polysomnography and an accelerometer. *J. Sound and Vibration*, 2001; Vol. 242; No. 1; pp. 169-178.

Korte, J., T. Hoehn, A. Loui, R. Siegmund. Activity-rest rhythms of neonates born by different delivery modes. *Chronobio. Int*, 2001; Vol. 18; No. 6; pp. 1143-1144.

Korte, J., Katharina Wulff, Claudia Oppe, Renate Siegmund. Ultradian and circadian activity-rest rhythms of preterm neonates compared to full-term neonates using actigraphic monitoring. *Chronobiology Int*, 2001; Vol. 18; No. 4; pp. 697-708.

Kushida, Clete A., Arthur Chang, Chirag Gadkary, Christian Guilleminault, Oscar Carrillo, William C. Dement. Comparison of actigraphic, polysomnographic, and subjective assessment of sleep parameters in sleep-disordered patients. *Sleep Medicine*, 2001; Vol. 2; pp. 389-396.

Lotjonen, J.M., I. Korhonen, K. Hirvonen, M. Rekola, M. Myllymaki, M. Partinen. Sleep/wake detection using an active security device. *SLEEP*, 2001; Vol. 24; Supplement Abstract #708.R; p. A399.

Mander, B.A., Colecchia, E., Spiegel, K., Van Cauter, E.Y. A risk factor for insulin resistance and obesity. *SLEEP*, 2001; Vol. 24; Abstract A74.

Mander, B.A., Colecchia, E., Spiegel, K., Van Cauter, E.Y. Short sleep: A risk factor for insulin resistance and obesity. *Diabetes*, 2001; Vol. 50, Abstract Supplement 2; p. A45.

Morrish, E., S.N. Pilsworth, M.A. King, J.M. Shneerson, I.E. Smith. Periodic leg movements in the United Kingdom general population: Relationship to age and sex. *SLEEP*, 2001; Vol. 24; Supplement Abstract #632.N; p. A359.

Nishihara, K., S. Horiuchi, H. Eto, S. Uchida. The development of infants' circadian sleep-wake rhythm and their mothers' circadian rhythm using actigraphy monitoring. *Chronobio Int*, 2001; Vol. 18; No. 6; pp. 1170-1171.

Pilsworth, S.N., M.A. King, J.M. Shneerson, I.E. Smith. A comparison between measurements of sleep efficiency and sleep latency measured by polysomnography and wrist actigraphy. *SLEEP*, 2001; Vol. 24; Supplement Abstract #171.R; p. A106.

Sack, R.L, M.L. Pires, R.W. Brandes, E. deJongh. Actigraphic detection of periodic leg movements: A validation study. *SLEEP*, 2001; Vol. 24; Supplement Abstract #719.R; p. A405.

Sarna, Linda, Francisco Conde. Physical activity and fatigue during radiation therapy: A pilot study using actigraph monitors. *Research Briefs*, 2001; Vol. 28; No. 6; pp. 1043-1046.

Signal, L., P.H. Gander. The effects of a rapidly rotating shift pattern on the sleep of air traffic controllers. *SLEEP*, 2001; Vol. 24; Supplement Abstract #314.E; p. A187.

Specker, B., Johannsen, N., Binkley, T., Finn, K.J. Total body bone mineral and tibial cortical bone measures in preschool children. *J. of Bone and Mineral Research*, 2001; Vol. 6; No. 12; pp. 2298-2305.

Straub, William F., Michael P. Spino, Medhat M. Alattar, Bruce Pflieger, John W. Downes, Marco A. Belizaire, Olli J. Heinonen, Tommi Vasankari. The effect of chiropractic care on jet lag of Finnish junior elite athletes. *J. Manipulative and Physiol. Therapeutics*, 2001; Vol. 24; No. 3; p. 113772.

Wakamura, Tomoko, Hiromi Tokura. Influence of bright light during daytime on sleep parameters in hospitalized elderly patients. *J. Physiol Anthropol*, 2001; Vol. 20; No. 6; pp. 345-351.

Warms, C.A. Methodological considerations for selecting a motion sensor. *Communicating Nursing Research Conference Proceedings*, Western Institute of Nursing abstracts, 2001; Vol. 34; No. 9; p. 90.

## 2000

Bartlett, D., L. Johnson, A. Williams, D. Joffe, N. Carter, R.R. Grunstein. Urban traffic Noise in Sydney: the effects on sleep and performance. *SLEEP*, 2000; Vol. 23; Suppl. Abstract # 1875K3; p. A48.

Bruck, D., Bliss, R.A. Sleeping children and smoke alarms. In: Yamade, T., ed., *Proceedings of the Fourth Asia-Oceania Symposium on Fire Safety and Technology*, Asia-Oceania Association for Fire & Technology, Tokyo, 2000; pp. 602-613.

Buxton, Orfeu M., Mireille L'Hermite-Baleriaux, Fred W. Turek, Eve Van Cauter. Daytime naps in darkness phase shift the human circadian rhythms of melatonin and thyrotropin secretion. *Am. J. Physiol. Reg. Integrative Comp. Physiol.*, 2000; Vol. 278; p. R373-R382.

Colecchia, E.F., Spiegel, K., Kim, R., Mander, B., Sannar, E., Van Cauter, E. Impact of short sleep duration on sleepiness, performance, mood, and glucose metabolism. *SLEEP*, 2000; Vol. 23; Abstract Supplement 2; p. A253.

Colling, E., M. Wright, K. Schafer, C. Singer, J. Kaye, L. Thal. A large multi-center trial for the treatment of sleep disturbances in persons with Alzheimer's Disease: A progress report. *SLEEP*, 2000; Vol. 23; Supplement Abstract #1628.L; p. A340.

Colling, E., M. Wright, S. Lahr, L. Schmedlen, L. DeJongh, C. Singer, R. Sack. A comparison of wrist actigraphy with polysomnography as an instrument of sleep detection in elderly persons. *SLEEP*, 2000; Vol. 23; Supplement Abstract #1354.N; p. A378.

Finn, K.J., B. Specker. Comparison of Actiwatch activity monitor and Children's Activity Rating Scale in children. *Med. and Sci. in Sports and Exercise*, 2000; Vol. 32; No. 10; pp. 1794-1797.

Friedman, L., Benson, K., Noda, K., Zarcone, V., Wicks, D.A., O'Connell, K. An actigraphic comparison of sleep restriction and sleep hygiene treatments for insomnia in older adults. *Journal of Geriatric Psychiatry Neurol*, 2000; Vol. 13; No. 1; pp. 17-27.

Hanowski, R.J., Wierwille, W.W., Garness, S.A., Dingus, T.A. Impact of local/short haul operations on driver fatigue, final report. [Report No. DOT-MC-00-203] Washington, DC, 2000; *U.S. Dept. of Transportation, Federal Motor Carriers Safety Administration*.

Lafleur, K. Will adequate sedation assessment include the use of actigraphy in the future? *American Journal of Critical Care*, 2000; Vol. 14; No. 1; pp. 61-63.

Liszka-Hackzell, J.J., Martin, D.P. Analysis of the relationship between activity and pain in chronic and acute low back pain. *Anesthesiology*, 2000; Vol. 93; Abstract A857.

Liszka-Hackzell, J.J., Martin, D.P. Categorization and analysis of pain and activity levels in patients with back pain using an artificial intelligence technique. *Anesthesiology*, 2000; Vol. 93; Abstract A381.

Martin, S.K., Eastman, C.I. When is your DLMO? *SLEEP*, 2000; Vol. 23; p. A179.

Motohashi, Yutaka, Akira Maeda, Hideki Wakamatsu, Shigekazu Higuchi, Takao Yuasa. Circadian rhythm abnormalities of wrist activity of institutionalized dependent elderly persons with dementia. *J. Gerontology: Medical Sciences*, 2000; Vol. 55A; No. 12; p. M740-M743.

Nishihara, Kyoko, Shigeko Horiuchi, Hiromi Eto, Sunao Uchida. Mothers' wakefulness at night in the post-partum period is related to their infants' circadian sleep-wake rhythm. *Psych. and Clin. Neurosciences*, 2000; Vol. 54; pp. 305-306.

Reyner, L.A. Individual differences in sensitivity to aircraft noise during sleep. *SLEEP*, 2000; Vol. 23; Supplement Abstract# 1490.I; p. A54.

Rose, M.W., J.C. Ware, P. Kolm, M.R. Risser. Residual effects of call in sleep and mood in medical residents. *SLEEP*, 2000; Vol. 23; Supplement Abstract#1469J; p. A253.

Stanley, N., M.C. Dorling, J. Dawson, I. Hindmarch. The accuracy of Mini-Motionlogger and Actiwatch in the identification of sleep as compared to Sleep EEG. *SLEEP*, 2000; Vol. 23; Supplement Abstract #1536N; p. A386.

VanSomeren, E.J., J.D. Speelman, R. Schuurman. Long-term continuous assessment of tremor with the Actiwatch. *Movement Disorders*, 2000; Vol. 15; Suppl. 3; Abstract# P461; pp. 78.

Werth, E., V. Knoblauch, E., Savaskan, P. Fontana Gasio, A. Wirz-Justice, C. Hock, F. Muller-Spahn. Long-term changes in circadian rest-activity cycle organization in two patients with Alzheimer's Disease. *SLEEP*, 2000; Vol. 23; Supplement Abstract#1419.H; p. A217.

Wright, M.R., E. Colling, J. Mastick, L. DeJongh, L. Schmedlen, J. Carter, G. Dowling, C. Singer. Wrist actigraphy as a method of sleep detection in persons with Parkinson's Disease. *SLEEP*, 2000; Vol. 23; Supplement Abstract #1681L; p. A341.

## 1999

Bruck, D. Non-awakening in children in response to a smoke detector alarm. *Fire Safety Journal*, 1999; Vol. 32; pp. 369-376.

Bruck, D., Kennedy, G., Cooper, A., Apel, S. Daytime assessment of motor activity, mood and sleep behaviour in narcolepsy (with and without stimulants). *Sleep Research Online*, www.sro.org, 1999; Vol. 2; No. 1; p. 334.

Chang, Arthur, Clete Kushida, Luciana Palombini, Oscar Carrillo, Jeff Hindman, Seung Hong, Pamela Hyde, Christian Guilleminault. Comparison study of actigraphic polysomnographic, and subjective perception of sleep parameters. *SLEEP*, 1999; Vol. 22; Supplement Abstract #H071.N; p. S43.

Finn, K., B. Specker. Comparison of actiwatch sensors and CARS on assessment of physical activity in children. *Amer. Col. Sports Med*, 1999; Vol. 31; No. 5; p. S316

Kennedy, G., Bruck, D., Cooper, A., Apel, S. Nocturnal sleep behaviour and motor activity in narcoleptic and control subjects in the home and laboratory environments. *Sleep Research Online*, www.sro.org, 1999; Vol. 2; No. 1; p. 258.

Laidlaw, Anita, Jonathan L. Rees. A pilot study in to the use of actigraphs to assay itch. *J. Dermatol*, 1999; Vol. 140; pp. 806.

Siegmund, Renate, Korte Janou, Katharina Wulff. Activity monitoring in newborn infants. [Abstract #65] *Int. Congress on Chronobiology*, 1999.

Taliaferro, Donna H., Holly Dileo. Hormonal and temperature circadianicity in AIDS. [Abstract #119] *Int. Congress on Chronobiology*, 1999.

Wakamura, Tomoko, Hiromi Tokura, Mayumi Hashimoto, Hatsuko Hamamura, Mariko Tokuyama, Hiroko Inada, Kikuko Sakaki. Influence of bright light during daytime on sleep parameters with elderly patients in hospital. [Abstract #104] *Int. Congress on Chronobiology*, 1999.

Waterhouse, Jim, Ben Edwards, Julie Mugarza, Richard Flemming, David Minors, Davina Calbraith, Gareth Williams, Greg Atkinson, Thomas Reilly. Purification of masked temperature data from humans: Some preliminary observations on a comparison of the use of an activity diary, wrist actimetry, and heart rate monitoring. *Chronobiology Int.*, 1999; Vol. 16; No. 4; pp. 461-475.

Werth, Esther, Egemen Savaskan, Paola Fontana Gasio, Anna Wirz-Justice, Christoph Hock, Eus Van Someren, Hedwig Kaiser. Rest-activity cycle and light exposure of hospitalized Alzheimer's patients. *SLEEP*, 1999; Vol. 22; Supplement Abstract #H432.H; p. S265.

Wilson, Graeme E., Simone F. de Lacy, Adrian J. Williams. Use of actigraphy in establishing the primary complaint in the assessment of patients with insomnia. *SLEEP*, 1999; Vol. 22; Supplement Abstract #C338.K3; p. S206.

Wulff, Katharina, Renate Siegmund. Pregnancy and the newborn child – influence on the parental activity timing behaviour. [Abstract #109] *Int. Congress on Chronobiology*, 1999.

## 1998

El Baz, M., M.A. Quera-Salva, N.R. Oakley, M. Lecendreux, P. Gajdos. Evaluation of Actiwatch actimeter vs polysomnography in 29 patients with obstructive sleep apnea syndrome. *J. Sleep Res*, 1998; Vol. 7; No. 2; Abstract #149; pp. 75.

Randazzo, Angela C., Paula K. Schweitzer, James K. Walsh. Cognitive function following acute sleep restriction in children ages 10-14. *SLEEP*, 1998; Vol. 21; Supplement Abstract #225.G; pp. 249.

Scheett, T.P., A. Eliakim, K.R. Richards, N. Almondinger, D.M. Cooper. Effects of endurance training on total energy expenditure (TEE) and ankle accelerometry (AA) in pre-pubertal girls. *FASEB J.*, 1998; Vol. 21; No. 4:1; Exp.Bio. Abstract #1921.

Schnierow, Bradley J., E. Jonathan Lisansky, Clifford Qualls. Nocturnal temperature in healthy elderly: correlation to melatonin secretion and sleep behavior. *SLEEP*, 1998; Vol. 21; Suppl Abstract 079.E.

Zhdanova, Irina V., Judy A. Taylor, Ojingwa U. Leclair, Richard J. Wurtman. Effects of melatonin on blood pressure in people over 50 years old. *SLEEP*, 1998; Vol. 21; Suppl Abstract #071.E; pp. 213.

## 1997

Babin, L., S. Lee, S. Halko, A.C. Boudreau, C.F.P. George. Determining sleep-wake activity using Actiwatch. *SLEEP*, 1997; Vol. 20; Supplement Abstract #355; pp. 178.

Zhdanova, Irina V., Richard J. Wurtman. Efficacy of melatonin as a sleep-promoting agent. *J. Biol. Rhythms*, 1997; Vol. 12; No. 6; pp. 644-650.

## 1996

Oakley, Nigel R. Validation with Polysomnography of the Sleepwatch Sleep/Wake Scoring Algorithm used by the Actiwatch Activity Monitoring System. *Cambridge Neurotechnology*. 1996.