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 send to: mm@respironics.com, or:
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2009

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.


Murphy, Susan L. Physical activity measurement using accelerometers in older adults: Considerations for research design and conduct. [Review] August 28, 2008.


van den Berg, Julia F., Henk M. E. Miedema, Joke H. M. Tulen, Arie Knustingh Neven, Albert Hofman, Jacqueline C. M. Witteman, Henning Tiemeier. Long sleep duration is associated with serum cholesterol in the elderly: The Rotterdam study. Psychosomatic Medicine, 2008; Vol. 70; pp. 1005-1011. (CNT)


Wang, David, Keith K. Wong, George C. Dungan II, Peter R. Buchanan, Brendon J. Yee, Ronald R. Grunstein. The validity of wrist actimetry assessment of sleep with and without sleep apnea. Journal of Clinical Sleep Medicine, 2008; Vol. 4; No. 5; pp. 450-455.


2007


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)


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


van den Berg, Julia F., Tulen, Joke H.M., Neven, Arie Knuijtingh, 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)


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)


Brink, Mark, Muller, Christopher H., Schierz, Christoph. Contact-free measurement of heart rate, respiration rate, and body movements during sleep. *Behavior Research Methods*, 2006; Vol. 38; No. 3; pp. 511-521. (CNT)
Bjorvatn, B., Stangenes, K., Oyane, N., Forberg, K., Lowden, A., Holsten, F., Akersneid, T. Subjective and Objective Measures of Adaptation and Readaptation to Night Work on an Oil Rig in the North Sea. SLEEP, 2006; Vol. 29; No. 6; pp. 821-829. (CNT)


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.


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.


Schweitzer, Paula K., Randazzo, Angela C., Stone, Kara, Erman, Milton M., 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.


2005


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.


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.


2004


2003


2002


2002


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.


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.


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.


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.


2001


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.


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.


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


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. Categorization and analysis of pain and activity levels in patients with back pain using an artificial intelligence technique. Anesthesiology, 2000; Vol. 93; Abstract A381.


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.


1999


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.


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.


1998


1997


1996

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