



### **Bibliography: Sleep, Function, and the Developing Brain**

Arditi-Babchuck, H, Feldman, R, and Eidelman, AI (2009). Rapid eye movement (REM) in premature neonates and developmental outcome at 6 months. *Infant Behavior and Development*, 32, 27-32.

Brame, AL and Singer, M (2010). Stressing the obvious? An allostatic look at critical illness. *Critical Care Medicine*, 38(10 Suppl), S600-S607.

Coughlin M, Gibbins S, and Hoath SB (2009). Core measures for developmentally supportive care in neonatal intensive care units: theory, precedence and practice. *Journal of Advanced Nursing*, 65(10), 2239-2248.

Curzi-Dascalova, L (2001). Between-sleep states transitions in premature babies. *Journal of Sleep Research*, 10, 153-158.

Ednick M, Cohen AP, McPhail GL, Beebe D, Simakajornboon N, and Amin RS (2009). A review of the effects of sleep during the first year of life on cognitive, psychomotor, and temperament development. *Sleep*, 32(11), 1449-1458.

Graven, SN & Browne, JV (2008). Sleep and brain development: the critical role of sleep in fetal and early neonatal brain development. *Newborn and Infant Nursing Reviews*, 8(4), 173-179.

Graven S (2006). Sleep and brain development. *Clinics in Perinatology*, 33, 693-706.

Graven SN (2004). Early neurosensory visual development of the fetus and newborn. *Clinics in Perinatology*, 31(2), 199-216.

Holditch-Davis, D, Brandon, DH, and Schwartz. (2003). Development of behaviors in preterm infants: relation to sleeping and waking. *Nursing Research*, 52(5), 307-317.

Imeri, L and Opp, MR (2009). How (and why) the immune system makes us sleep. *Nature Reviews. Neuroscience*, 10(3), 199-210.

Lehtonen, L & Martin, RJ (2004). Ontogeny of sleep and awake states in relation to breathing in preterm infants. *Seminars in Neonatology*, 9, 229-238.



### **Bibliography: Sleep, Function, and the Developing Brain**

Ludington-Hoe S.M., Johnson M.W., Morgan K., Lewis T., Gutman J., Wilson D. & Scher M.S. (2006) Neurophysiologic assessment of neonatal sleep organization: preliminary results of a randomized, controlled trial of skin contact with preterm infants. *Pediatrics* 117, e909–e923.

Marks GA, Shaffery JP, Oksenberg A, Speciale SG, Roffwarg HP. A functional role for REM sleep in brain maturation. *Behavioural Brain Research* 1995 Jul;69(1-2):1-11.

Mirmiran, M, Baldwin, RB, & Ariagno, RL (2003). Circadian and sleep development in preterm infants occurs independently from the influences of environmental lighting. *Pediatric Research*, 53(6), 933-938.

Mohns EJ and Blumberg MS (2010). Neocortical activation of the hippocampus during sleep in infant rats. *Journal of Neuroscience*, 30(9), 3438-3449.

Peirano, PD & Algarin, CR (2007). Sleep in brain development. *Biological Research*, 40, 471-478.

Poblano, A, Haro, R, and Arteaga, C (2009). Neurophysiologic measurement of continuity in the sleep of fetuses during the last week of pregnancy and in newborns. *International Journal of Biological Sciences*, 4(1), 23-28.

Rogers NL, Szuba MP, Staab JP, Evans DL, and Dinges DF (2001). Neuroimmunologic aspects of sleep and sleep loss. *Seminars in Clinical Neuropsychiatry*, 6(4), 295-307.

Scher, MS, Johnson, MW, and Holditch-Davis, D (2005). Cyclicity of neonatal sleep behaviors at 25 to 30 weeks' postconceptual age. *Pediatric Research*, 57(6), 879-882.

Weinhouse GL and Schwab MD (2006). Sleep in the critically ill patient. *Sleep*, 29(5), 707-716.

Zielinski, MR and Krueger, JM (2011). Sleep and innate immunity. *Frontiers in Biosciences*, 1(3), 632-642.