

この学問の扉は、瀬川昌也 : 幼児の眠りの調整. 睡眠環境学 鳥居鎮夫編.1999.110-123. を一部改変して作成されました。

## 参考文献

- Davene, D. and Adrien, J. Suppression of PGO waves in the kitten: anatomical effects of the lateral geniculate nucleus, *Neurosci. Lett.*, 45 (1984) 33-38.
- Davene, D. and Adrien, J. Lesion of the pontogeniculate-occipital waves in kittens. I. Effects on sleep and on unitary discharge of the lateral geniculate nucleus, *Brain Res.*, 409 (1987) 1-9.
- Dreyfus-Brisac, C. Ontogenese du sommeil chez le premature humain: etude polygraphique. In A. Minkowski (Ed.). *Regional Development of the Brain in Early Life*, Blackwell, Oxford, 1967, pp.437-457.
- Dreyfus-Brisac, C. Sleep ontogenesis in early human prematurity from 24 to 27 weeks of conceptional age. *Develop. Psychobiol.*, (1968) 1:162-169.
- Drefus-Brisac, C. Ontogenesis of sleep in human prematures after 32 weeks of conceptional age, *Developmental Psychobiology* 32 (1970) 91-121.
- Fukumoto, M., Mochizuki, N., Takeishi, M., Nomura, Y., Segawa, M. Studies of body movements during night sleep in infancy, *Brain Dev.*, 3 (1981) 37-43.
- Horimoto, N., Koyanagi, T., Nagata, S., Nakahara, H., Nakano, H. Concurrence of mouthing movement and rapid eye movement/non-rapid eye movement phases with advance in gestation of the human fetus, *Am. J. of Obstet. and Gynecol.*, 161 (1989) 344-351.
- Hobson, J.A., Mc Ginty RW, Wyzinski, P.W. Sleep cycle oscillation : reciprocal dis-charge by two brainstem neuronal groups. *Science* 189 (1975) 55-58.
- Inoue, M., Koyanagi, T., Nakahara, H., Hara, K., Hori, E. and Nakano, H. Functional development ;of human eye movement in utero assessed quantitatively with real-time ultrasound, *Am. J. of Obstet. and Gynecol.*, 155 (1986) 170-174.
- Karacan I. The developmental aspect and the effect of certain clinical conditions upon penile erection during sleep. *Excerpta Medica ICS* 150 (1966) 2356-2359.
- Koh, T. Nakagawa, M., Kani, K., et al. Investigation of origins of serotonergic projection to developing rat visusal cortex : A combined retrograde tracing and immuno histochemical study. *Brain Research Bulletin* 27 (1991) 675-684.
- Kohyama, J. ,Shimohira, M., Itoh, M., Fukumizu, M., and Iwakawa, Y. Phasic muscle activity during REM sleep in infancy - normal maturation and contrastive abnormality in SIDS/ALITE and West syndrome, *J. Sleep Res.*, 2 (1993) 241-249.
- Kohyama, J., Ohsawa, Y., Shimohira, M., Iwakawa, Y. Phasic motor activity reduction occurring with horizontal rapid eye movements during REM sleep is disturbed in infantile spasms , *J Neurol Sci* 138 (1996) 82-87.
- Kohyama, J., Shimohira, M., and Iwakawa, Y. Maturation of motility and motor inhibition in rapid-eye-movement sleep, *J Pediatr* 130 (1997) 117-122.
- Kohyama, J. Sleep as a window on the developing brain. *Current Problems in Pediatrics*, 28 (1998) 69-100.

Koyanagi, T., Horimoto, N. and Nakano, H. REM Sleep determined using in utero penile tumescence in human fetus at term. *Biology of the Neonate* 60 (suppl 1) (1991) 30-35.

Koyanagi, T., Horimoto, N., Satoh, S., Inoue, M., and Nakano, H. The temporal relationship between the onset of rapid eye movement period and the first micturition thereafter in the human fetus with advance in gestation, *Early Human Development*, 30 (1992) 11-19.

Matsuoka, M. Segawa, M. Higurashi, M. The Development of Sleep and Wakefulness Cycle in Early Infancy and Its Relationship to Feeding Habit. *Tohoku J. Exp. Med.* 1991;165:147-154.

Marks, G.A., Shaffery, J.P., Oksenberg, A., Speciale, S.G. and Roffwarg, H.P. A functional role for REM sleep in brain maturation, *Brain Research*, 69 (1995) 1-11.

Mazer, C., Muneyyirci, J., Tahery, K., Raio, N., Borella, A., Whitaker-Azmitia, P. Serotonin depletion during synaptogenesis leads to decreased synaptic density and learning deficits in the adult rat : a possible model of neurodevelopmental disorders with cognitive deficits. *Brain Research.*, 760 (1997) 68-73.

Mirmiran, M., Van de Poll, N.E., Corner, M.A., Van Oyen, H.G. and Bour, H.L. Suppression of active sleep by chronic treatment with chlorimipramine during early postnatal development: effects upon sleep and behavior in the rat, *Brain Res.*, 204 (1981) 129-146.

Mirmiran, M., Uylings, H.B.M. and Corner, M.A. Effects of postweaning environmental enrichment on regional brain development in the pre-weaning REM (active) sleep-deprived rats, *Dev. Brain Res*, 7 (1983) 102-105.

Mirmiran, M. The function of fetal/neonatal rapid eye movement sleep, *Behavioural Brain Research*, 69 (1995) 13-22.

Mori, S., Matsuyama, K., Kohyama, J., Kobayashi, Y., Takakusaki, K. Neuronal constituents of postural and locomotor control systems and their interactions in cats. *Brain & Development*, 14 (1992) 109-120.

Nijhuis, J.G, and Vas de Pas, M. Behavioral states and their ontogeny human studies. *Semin Perinatol* 16 (1992) 202-210.

Nomura et al 1998 - *Brain & Development* in press.

Onishi s, et al. Postnatal development of circadian rhythm in serum cortisol levels in children. *Pediatrics* 72(1983) 399-404

Parmelee, A.H.Jr., Wenner W.H., Akiyama, Y., Schultz, M., Stern, E. Sleep states in premature infants. *Develop Med Child Neurol* 9 (1967) 70-77.

Parmelee, A.H.Jr. and Stern, E. Development of states in infants. In: C.D. Clement, D.P. Purpura , F.E.Mayer (Eds.), *Sleep and the Maturing Nervous System*, Academic Press, New York, 1972 pp. 199-228.

Petre-Quandens, O., De Lee, C. and Remy M. Eye movement density during sleep and brain maturation. *Brain Research* 26 (1971) 49-56.

Prechtl, H.F.R. The behavioural states of the newborn infant (a review). *Brain Research*, 76 (1974) 185-212.

- Petre-Quadens, O. Sleep in human newborn. In: O Petre-Quadens and J.D. Schlag (Eds.) Basic Sleep Mechanism. Academic Press, New York and London, 1974, pp. 355-380.
- Prechtl, H.F.R. and Nijhuis, J.G., Eye movement in the human fetus and newborn, Behavioural Brain Research, 10 (1983) 119-124.
- Roffwarg, H.F., Muzio, J. and Dement W.C. Ontogenetic development of the human sleep-wakefulness cycle. Science, 152 (1966) 604-619.
- Sakai, K. Anatomical and physiological basis of paradoxical sleep. D.J. Mc Gisty et al (eds) Brain Mechanism of Sleep 1985, pp. 111-137.
- Segawa, M., Katoh, M., Katoh, J., Nomura, Y. Early modulation of sleep parameters and its importance in later behavior. Brain Dysfunction 5 (1992) 211-223.
- Segawa, M., Nomura, Y., Hikosaka, O., Soda, M., Usui, S., and Kase, M. Roles of the basal ganglia and related structures in symptoms of dystonia. In: Carpenter, M.B and Jayaraman, A. (Eds.) The Basal Ganglia II, Plenum Publishing Corporation, New York, 1987, pp.489-504.
- Segawa, M. Pathophysiology of Rett syndrome from the standpoint of early catecholamine disturbance, European Child & Adolescent Psychiatry 6(1997)56-60 Suppl.1
- Siegel, J.M. and Rogarski, M. A. A function for REM sleep: regulation of noradrenergic receptor sensitivity. Brain Res. REv. 13 (1988) 213-233.
- Shimada, M., Segawa, M., Higurashi, M., Akamatsu, H. Development of the sleep and wakefulness rhythm in Preterm infants discharged from a neonatal care unit. Pediatric Research 33 (1993) 159-163.
- Shimohira, M., Kohyama, J., Kawano, Y., Suzuki, H., Ogiso, M., Iwakawa, Y. Effect of alpha-methyl dopa administration during pregnancy on the development of a child's sleep. Brain & Development, 8 (1986) 416-423.
- Sterman, M.B. The basic rest-activity cycle and sleep: developmental consideration in man and cats. In: Clement, D.P. Purpura, F.E. Mayer (Eds.), Sleep and the Maturing Nervous System, Academic Press, New York, 1972, pp.175-197.
- Sherman, G.F., Garban, J.A., Rosen, G.D., Yutzey, D.A., Denenberg, V.H. Brain and behavioral asymmetries for spatial preference in rats. Brain Research 192 (1980) 61-67.
- Valzille, L., Grattini, S. Biochemical and behavioural changes induced by isolation in rats. Neuropharmacology, 11 (1972) 17-22.
- Valzille, L. Affective behavior and serotonin. In Essman WB ed, Serotonin in health and disease (Vol.3 - The central nervous system), New York, London: ( 1978) 145-210.
- Van Someren, E.J.W., Mirmiran, M., Bos, N.P.A., Lamur, A., Kumar, A. and Molenaar, P.C.M. Quantitative analysis of eye movements during REM-sleep in developing rats, Dev. Psychobiol., 23 (1990) 55-61.
- Visser, G.H.A., Goodman, J.D.S., Levine, D.H. and Dawes, G.S. Micturition and the heart period cycle in the human fetus, British Journal of Obstetrics and Gynaecology,

88 (1981) 803-805.

Vogel, G., Neill, D., Hagler, M., Kors, D. and Hartley P. A new animal model of endogenous depression: a summary of present findings. *Neurosci. Biobehav. Rev.*, 14 (1990) 85-91.

Waldhauser, F., Ehrhardt, B., Forster, E. Clinical aspects of the melatonin action impact on development, aging and puberty, involvement of melatonin in psychiatric disease and importance in neuroimmunoendocrine interactions. *Experientia* 49 (1993) 671-681.

Webb, W.B., & Agnew, H.W. Stage 4 sleep-influence of time course variables, *Science* 174 (1971) 1354-1356.

Yavari, P., Vogel, G.W. and Neill, D.B. Decreased raphe unit activity in a rat model of endogenous depression. *Brain Res.* 611 (1993) 31-36.

有田秀穂 : コリン作動性神経 (1). *CLINICAL NEUROSCIENCE*. 別冊 ;1999 ; 17 : 852-853

橋本俊顕 : 子どもの睡眠. 発達人間学 巻 生理編 (馬場一雄編), 東西医学社、東京, 1998, pp172-190

橋本俊顕 : 小児の睡眠の生理と特徴. *小児看護* 2001 24 :936-942

岩川善英、小木曾正勝、豊田桃三、他 : Lennox 症候群の睡眠中の体動について? 痙攣発作の予後との相関? . *脳と神経* 1984 ;36 267-273 .

馬鍋、近藤洋子、柳谷真知子、他 : 乳幼児の睡眠・覚醒リズムの発達? 秋田県と東京都のデータによる? . *小児保健研究* 1990 ;49 :568-571 .

瀬川昌也 : 睡眠中の体動? その神経学的意義? . *神経内科* 1985 22 317-325 .

瀬川昌也 : 発達過程にみる睡眠・覚醒リズムの異常 . *神経研究の進歩* 1992 ;36 : 1029-1040 .

瀬川昌也 : 睡眠障害と小児自閉症 . *神経精神薬理* 1993 ;15 :793-800 .

瀬川昌也 : 乳幼児突然死症候群 . *神経研究の進歩* 1994 ;38 :501-508 .

瀬川昌也 : 自閉症の神経学的モデル . *脳の科学* 1998 20 :169-175 .

瀬川昌也 : 自閉症、不登校児とサーカディアンリズム . *自律神経* 1998;35:280-286.

瀬川昌也 : Locomotion の発達とその異常 (I) . *脳波脳波* 1999 ;6 :385-391

瀬川昌也 : Locomotion の発達とその異常 (II) . *脳波脳波* 1999 ;7 :453-460

瀬川昌也 : こどもの脳はいかにして大人の脳になるか . *科学* 2001 :703-711

瀬川昌也 : 人の情緒精神活動の発達と高次脳機能 . *科学* 2002 :302-308

島 史雄、今井寿正、瀬川昌也 : 不随意運動疾患の睡眠中の体動 . *臨床脳波* 1974 ; 16 229-235 .