

References

1. Abelin et al.: Study on health effects of the shortwave transmitter station of Schwarzenburg, Berne, Switzerland (Major report); 1995; BEW (Bundesamt für Energiewirtschaft) Publication Series, Study No. 55, EDMZ 805.755. (155p.)
2. Am J Epidemiol 2004; 160 (3): 224 - 229.
3. Anderson B, Mishory A, Nahas Z, Borckardt JJ, Yamanaka K, Rastogi K, George MS. Tolerability and safety of high daily doses of repetitive transcranial magnetic stimulation in healthy young men. J ECT. 2006 Mar;22(1):49-53.
4. Bell G, Marino A, Chesson A, Struve F. Electrical states in the rabbit brain can be altered by light and electromagnetic fields. Brain Res. 1992 Jan 20;570(1-2):307-15.
5. Binkley S.: A timekeeping enzyme in the pineal gland; Scientific American, 1979; 204(4): p. 66-71
6. Cohrs S, Tergau F, Riech S, Kastner S, Paulus W, Ziemann U, Rüter E, Hajak G. High-frequency repetitive transcranial magnetic stimulation delays rapid eye movement sleep. Neuroreport. 1998 Oct 26;9(15):3439-43.
7. De Gennaro L, Fratello F, Marzano C, Moroni F, Curcio G, Tempesta D, Pellicciari MC, Pirulli C, Ferrara M, Rossini PM. Cortical plasticity induced by transcranial magnetic stimulation during wakefulness affects electroencephalogram activity during sleep. PLoS One. 2008 Jun 25;3(6):e2483.
8. Delgado, JMR. Biological effects of extremely low frequency electromagnetic fields. J Bioelectr 4(1):75-91, 1985.
9. Demetskii, AM, Surganova, SF, Nikolskii, MA. Magnetic therapy for traumatic injuries to the extremities. Electromagnetic Therapy of Injuries and Diseases of the Support-Motor Apparatus; International collection of papers I. Detlav, ed., Riga, Latvia: Riga Medical Inst., p. 103-109, 1987.
10. Eichhammer P, Kharraz A, Wiegand R, Langguth B, Frick U, Aigner JM, Hajak G. Sleep deprivation in depression stabilizing antidepressant effects by repetitive transcranial magnetic stimulation. Life Sci. 2002 Mar 1;70(15):1741-9.
11. Fischer, G.; Kokoschinegg, P. J. The treatment of sleep disturbances and meteorosensitivity by pulsed magnetic fields of low intensity. Bioelectr 9(2):243 Third Symposium on Magnetotherapy and Magnetic Stimulation, 12-14 October 1989, Hungary, 1990.
12. Graham Ch., Cook M. R., Riffle D. W., Gerkovich M. M., Cohen H. D.: Nocturnal melatonin levels in human volunteers exposed to intermittent 60Hz magnetic fields; Bioelectromagnetics, 1996; 17: p. 263-273
13. Graham Ch., Cook M. R., Riffle D. W.: Human melatonin during continuous magnetic field exposure; Bioelectromagnetics, 1996; 18: p. 166-171

14. Graham,C and Cook,MR. Human sleep in 60 hz magnetic fields. *Bioelectromagnetics* 20(5):277-283, 1999.
15. Lambrozo J., Touitou Y., Dab W. Exploring the EMF-melatonin connection: A review of the possible effects of 50/60Hz electric and magnetic fields on melatonin secretion; *Int. J. on Occupational and Environmental Health*, 1996; 2(1): p. 37-47
16. Lebet J.P. et al.: Electroencephalographic changes following Low Energy Emission Therapy; *Annals of Biomedical Engineering*, 1996; Vol 24: p. 424-429
17. Lyskov E. B. et al.: Effects of 45-Hz magnetic fields on the functional state of the human brain; *Bioelectromagnetics*, 1993; 14: p. 87-95
18. Marino AA, Nilsen E, Chesson AL Jr, Frilot C. Effect of low-frequency magnetic fields on brain electrical activity in human subjects. *Clin Neurophysiol.* 2004 May;115(5):1195-201.
19. Massimini M1, Ferrarelli F, Esser SK, Riedner BA, Huber R, Murphy M, Peterson MJ, Tononi G. Triggering sleep slow waves by transcranial magnetic stimulation. *Proc Natl Acad Sci U S A.* 2007 May 15;104(20):8496-501.
20. Pasche B, Erman M, Hayduk R, Mitler MM, Reite M, Higgs L, Kuster N, Rossel C, Dafni U, Amato D, Barbault A, Lebet JP. Effects of low energy emission therapy in chronic psychophysiological insomnia. *Sleep.* 1996 May;19(4):327-36.
21. Pelka, R. B.; Jaenicke, C.; Gruenwald, J. Impulse magnetic-field therapy for insomnia: a double-blind, placebo-controlled study. *Adv Ther* 18(4):174-180, 2001.
22. Persinger MA, Hoang V, Baker-Price L. Entrainment of stage 2 sleep spindles by weak, transcerebral magnetic stimulation in an "epileptic" woman. *Electromagn Biol Med.* 2009;28(4):374-82.
23. Persinger, MA. Increased emergence of alpha activity over the left but not the right temporal lobe within a dark acoustic chamber: differential response of the left but not the right hemisphere to transcerebral magnetic fields. *Inter J Psychophysiology* 34:163-169, 1999.
24. Pestriev, V. A. Controlled action of a pulsed electromagnetic field on the central nervous system. *Biofizika* 39(3):515-518, 1994.
25. Reite M. et al.: Sleep inducing effect of Low Energy Emission Therapy; *Bioelectromagnetics*, 1994; 15: p. 67-75
26. Saeki T, Nakamura M, Hirai N, Noda Y, Hayasaka S, Iwanari H, Hirayasu Y. Localized potentiation of sleep slow-wave activity induced by prefrontal repetitive transcranial magnetic stimulation in patients with a major depressive episode. *Brain Stimul.* 2013 May;6(3):390-6.
27. Sastre A., Cook M. R., Graham Ch.: Nocturnal exposure to intermittent 60 Hz magnetic fields alters human cardiac rhythm; *Bioelectromagnetics*, 1998; Vol. 19: p. 98-106

28. Schienle A., Stark R., Walter B., Vaitl D., Kulzer R.: Effects of low-frequency magnetic fields on electrocortical activity in humans: A spherical simulation study; *Intern. J. Neuroscience*, 1997; 90(1-2): p. 21-36
29. Selmaoui B., Lambrozo J., Touitou Y.: Magnetic fields and pineal functions in humans: Evaluation of nocturnal acute exposure to extremely low frequency magnetic fields on serum melatonin and urinary 6-sulfatoxymelatonin circadian rhythms; *Life Sciences*, 1996; 58(18): p. 1539-1549
30. Shtemberg, A. S.; Bazian, A. S.; Shikhov, S. N.; Cherniakov, G. M.; Uzbekov, M. G. Modulation by ultralow intensity electromagnetic fields on pharmacologic effects of psychotropic drugs. *Zh Vyssh Nerv Deiat Im I P Pavlova* 51(3):373-377, 2001.
31. Staroverov AT, Vil'yanov VB, Raigorodskii YM, Rogozina MA. *Neurosci Behav Physiol*. 2009 Jun;39(5):507-11. Transcranial magnetotherapy in the complex treatment of affective disorders in patients with alcoholism.
32. Tworoger SS, Davis S, Emerson SS, Mirick DK, Lentz MJ, McTiernan A. Effect of a nighttime magnetic field exposure on sleep patterns in young women.
33. van der Werf YD, Altena E, van Dijk KD, Strijers RL, De Rijke W, Stam CJ, van Someren EJ. Is disturbed intracortical excitability a stable trait of chronic insomnia? A study using transcranial magnetic stimulation before and after multimodal sleep therapy. *Biol Psychiatry*. 2010 Nov 15;68(10):950-5.
34. Wever R. Effects of low-level, low-frequency fields on human circadian rhythms; *Neurosci-Res-Program-Bull*. 1977 Jan; 15(1): p. 39-45
35. Zhang J, Wang X, Wang M. Influence of time-varying magnetic field on the release of neurotransmitters in raphe nuclei of rats. *Conf Proc IEEE Eng Med Biol Soc*. 2005;6:6214-6.