

- Andersen, A., Barlow, L., Engeland, A., Kjaerheim, K., Lyng, E. et Pukkala, E. 1999. Work-related cancer in the Nordic countries. *Scand J Work Environ Health* **25(Suppl 2)**, 1-116.
- Baldi, I., Coureau, G., Jaffre, A., Gruber, A., Ducamp, S., Provost, D., Lebailly, P., Vital, A., Loiseau, H., and Salamon, R. (2011) Occupational and residential exposure to electromagnetic fields and risk of brain tumors in adults: a case-control study in Gironde, France. *Int J Cancer* **129**, 1477-1484.
- Balli-Antunes, M., Pfluger, D. H. et Minder, C. E. 1990. The mortality from malignancies of haematopoietic and lymphatic systems (MHLS) among railway engine drivers. *Environmentrics* **1**, 121-13.
- Baris, D., Armstrong, B. G., Deadman, J. et Thériault, G. 1996. A mortality study of electrical utility workers in Québec. *Occup Environ Med* **53**, 25-31.
- Baumgardt-Elms, C., Ahrens, W., Broman, K., Stang, A., Jahn, I., Stegmaier, C. et Jöckel, K.-H. 2002. Testicular cancer and electromagnetic fields (EMF) in the workplace: results of a population-based case-control study in Germany. *Cancer Causes Control* **13**, 895-902.
- Behrens, T., Lyng, E., Cree, I., Sabroe, S., Lutz, J. M., Afonso, N., Eriksson, M., Guenel, P., Merletti, F., Morales-Suarez-Varela, M., Stengrevics, A., Fevotte, J., Llopis-Gonzalez, A., Gorini, G., Sharkova, G., Hardell, L. et Ahrens, W. 2010. Occupational exposure to electromagnetic fields and sex-differential risk of uveal melanoma. *Occup Environ Med* **67**(11): 751-759.
- Bethwaite, P., Cook, A., Kennedy, J. et Pearce N. 2001. Acute leukemia in electrical workers: a New Zealand case-control study. *Cancer Causes Control* **12**, 683-689.
- Björk, J., Albin, M., Welinder, H., Tinnerberg, H., Mauritzon, N. Kauppinen, T., Strömberg, U., Johansson, B., Billström, R., Mikoczy, Z., Ahlgren, T., Nilsson, P.-G., Mitelman, F. et Hagmar, L. 2001. Are occupational, hobby, or lifestyle exposures associated with Philadelphia chromosome positive chronic myeloid leukaemia? *Occup Environ Health* **58**, 722-727.
- Calle, E. E. et Savitz, D. A. 1985. Leukemia in occupational groups with presumed exposure to electrical and magnetic fields. *N Eng J Med* **313**, 1476-1477.
- Cano, M. I. et Pollan, M. 2001. Non-Hodgkin's lymphomas and occupation in Sweden. *Int Arch Occup Environ Health* **74**, 443-449.
- Carroza, S. E., Wrensch, M., Miike, R., Newman, B., Olshan, A. F., Savitz, D. A., Yost, M. et Lee, M. 2000. Occupation and adult gliomas. *Am J Epidemiol* **152**, 838-846.

- Charles, L. E., Loomis, D., Shy, C. M., Newman, B., Milikan, R., Nylander-French, L. A. et Couper, D. 2003. Electromagnetic fields, polychlorinated biphenyls, and prostate cancer mortality in electric utility workers. *Am J Epidemiol* **157**, 683-691.
- Coble, J. B., Dosemeci, M., Stewart, P. A., Blair, A., Bowman, J., Fine, H. A., Shapiro, W. R., Selker, R. G., Loeffler, J. S., Black, P. M., Linet, M. S. et Inskip, P. D. 2009. Occupational exposure to magnetic fields and the risk of brain tumors. *Neuro Oncol* **11**, 242-249.
- Cocco, P., Dosemeci, M. et Heineman, E. F. 1998. Occupational risk factors for cancer of the central nervous system: a case-control study on death certificates from 24 US states. *Am J Ind Med* **33**, 247-255.
- Coleman, M., Bell, J. et Skeet R. 1983. Leukaemia incidence in electrical workers. *Lancet* **1**, 982-983.
- Coogan, P. F. et Aschengrau A. 1998. Exposure to power frequency magnetic fields and risk of breast cancer in the Upper Cape Cod Cancer Incidence Study. *Arch Environ Health* **53**, 359-367.
- Demers, P. A., Thomas, D. B., Rosenblatt, K. A., Jimenez, L. M., McTiernan, A., Stalsberg, H., Stemhagen, A., Thompson, W. D., Curnen, M. G., Stariano, W., Austin, D. F., Isacson, P., Greenberg, R.S., Key, C., Kolonel, L. N. West, D. W. 1991. Occupational exposure to electromagnetic fields and breast cancer in men. *Am J Epidemiol* **134**, 340-347.
- Dominici, L., Villarini, M., Fatigoni, C., Monarca, S., and Moretti, M. (2011) Genotoxic hazard evaluation in welders occupationally exposed to extremely low-frequency magnetic fields (ELF-MF). *Int J Hyg Environ Health* **215**, 68-75.
- Dosemeci, M. et Blair, A. 1994. Occupational cancer mortality among women employed in the telephone industry. *J Occup Med* **36**, 1204-1209.
- Feychting, M., Forssén, U. et Floderus, B. 1997. Occupational and residential magnetic field exposure and leukemia and central nervous system tumors. *Epidemiology* **8**, 384-389.
- Finchman, S. M., Ugnat, A.-M., Hill, G. B., Kreiger, N. et Mao, Y. 2000. Is occupation a risk factor for thyroid cancer? *J Occup Environ Med* **42**, 318-322.
- Floderus, B., Persson, T., Stenlund, C., Wennberg, A., Öst, A. et Knave, B. 1993. Occupational exposure to electromagnetic fields in relation to leukemia and brain tumors: a case-control study in Sweden. *Cancer Causes Control* **4**, 465-476.
- Floderus, B., Stenlund, C. et Persson, T. 1999. Occupational magnetic field exposure and site-specific cancer incidence: a Swedish cohort study. *Cancer Causes Control* **10**, 323-332.

- Floderus, B., Törnqvist, S. et Stenlund, C. 1994. Incidence of selected cancers in Swedish railway workers, 1961-1979. *Cancer Causes Control* **5**, 189-194.
- Forssen, U. M., Feychting, M., Rutqvist, L. E., Floderus, B. et Ahlbom, A. 2000. Occupational and residential magnetic field exposure and breast cancer in females. *Epidemiology* **11**, 24-29.
- Garland, F. C., Shaw, E., Gorham, E. D., Garland, C. F., White, M. R. et Sinsheimer, P. J. 1990. Incidence of leukemia in occupations with potential electromagnetic field exposure in United States Navy personnel. *Am J Epidemiol* **132**, 293-303.
- Gilman, P.A., Ames, R. G. et McCawley, M. A. 1985. Leukemia risk among US white male miners. *J Occup Med* **27**, 669-671.
- Gubéran, E., Usel, M., Raymond, L., Tissot, R. et Sweetnam, P. M. 1989. Disability, mortality, and incidence of cancer among Geneva painters and electricians: a historical prospective study. *Br J Ind Med* **46**, 16-23.
- Guénel, P., Nicolau, J., Imbernon, E., Chevalier, A. et Goldberg, M. 1996. Exposure to 50-Hz electric and incidence of leukemia, brain tumors, and other cancers among french electric utility workers. *Am J Epidemiol* **144**, 1107-1121.
- Guénel, P., Raskmark, P., Andersen, J. B. et Lynge, E. 1993. Incidence of cancer in persons with occupational exposure to electromagnetic fields in Denmark. *Br J Ind Med* **50**, 758-764.
- Hakansson, N., Floderus, B., Gustavsson, P., Johansen, C. et Olsen, J. H. 2002. Cancer incidence and magnetic field exposure in industries using resistance welding in Sweden. *Occup Environ Med* **59**, 481-486.
- Hallquist, A., Hardell, L., Degerman, A. et Boquist, L. 1993. Occupational exposures and thyroid cancer: results of a case-control study. *Eur J Cancer Prev* **2**, 345-349.
- Harrington, J. M., McBride, D. I., Sorahan, T., Paddle, G. M. et van Tongeren, M. 1997. Occupational exposure to magnetic fields in relation to mortality from brain cancer among electricity generation and transmission workers. *Occup Environ Med* **54**, 7-13.
- Harrington, J. M., Nichols, L., Sorahan, T. et van Tongeren, M. 2001. Leukaemia mortality in relation to magnetic field exposure: findings from a study of United Kingdom electricity generation and transmission workers, 1973-1997. *Occup Environ Med* **58**, 307-314.
- Ji, B.-T., Silverman, D. T., Dosemeci, M., Dai, Q., Gao, Y.-T. et Blair, A. 1999. Occupation and pancreatic cancer risk in Shanghai, China. *Am J Ind Med* **35**, 76-81.

- Johansen, C. et Olsen, J. H. 1998. Risk of cancer among danish utility workers - A nationwide cohort study. *Am J Epidemiol* **147**, 548-555.
- Johansen, C. et Olsen, J. H. 1998. Mortality from amyotrophic lateral sclerosis, other chronic disorders, and electric shocks among utility workers. *Am J Epidemiol* **148**, 362-368.
- Johansen, C., Raaschou Nielsen, O., Olsen, J. H. et Schuz, J. 2007. Risk of leukaemia and brain and breast cancer among Danish utility workers: a second follow-up. *Occup Environ Med* **64**, 782-784.
- Juutilainen, J., Läärä, E. et Pukkala, E. 1990. Incidence of leukemia and brain tumours in Finnish workers exposed to ELF magnetic fields. *Int Arch Occup Environ Health* **62**, 289-293.
- Karipidis, K., Benke, G., Sim, M., Fritschi, L., Yost, M., Armstrong, B., Hughes, A. M., Grulich, A., Vajdic, C. M., Kaldor, J. et Krickler, A. 2007. Occupational exposure to power frequency magnetic fields and risk of non-Hodgkins lymphoma. *Occup Environ Med* **64**, 25-29.
- Kelsh, M. A. et Sahl, J. D. 1997. Mortality among a cohort of electric utility workers, 1960-1991. *Am J Ind Med* **31**, 534-544.
- Klaeboe, L., Blaasaas, K. G., Haldorsen, T. et Tynes, T. 2005. Residential and occupational exposure to 50-Hz magnetic fields and brain tumours in Norway: A population-based study. *Int J Cancer* **115**, 137-141.
- Kliukiene, J., Tynes, T., Martisen, J. I., Blaasaas, K. G. et Andersen, A. 1999. Incidence of breast cancer in a Norwegian cohort of women with potential workplace exposure to 50 Hz magnetic fields. *Am J Ind Med* **36**, 147-154.
- Kliukiene, J., Tynes, T. et Andersen, A. 2004. Residential and occupational exposures to 50-Hz magnetic fields and breast cancer in women: a population-based study. *Am J Epidemiol* **159**, 852-861.
- Labrèche, F., Goldberg, M. S., Valois, M.-F., Nadon, L., Richardson, L., Lakhani, R. et Latreille, B. 2003. Occupational exposures to extremely low frequency magnetic fields and postmenopausal breast cancer. *Am J Ind Med* **44**, 643-652.
- Lin, R. S., Dischinger, P. C., Conde, J. et Farrell, K. P. 1985. Occupational exposure to electromagnetic fields and the occurrence of brain tumors. *J Occup Med* **27**, 413-419.
- Linnet, M. S., Malker, H. S. R., McLaughlin, J. K., Weiner, J. A., Stone, B. J., Blot, W. J., Ericsson, J. L.E. et Fraumeni, J. F. 1988. Leukemias and occupation in Sweden: a registry-based analysis. *Am J Ind Med* **14**, 319-330.

- London, S. J., Bowman, J. D., Sobel, E., Thomas, D. C., Garabrant, D. H., Pearce, N., Bernstein, L. et Peters, J. M. 1994. Exposure to magnetic fields among electrical workers in relation to leukemia risk in Los Angeles County. *Am J Ind Med* **26**, 47-60.
- Loomis, D. P. et Savitz, D. A. 1990. Mortality from brain cancer and leukemia among electrical workers. *Br J Ind Med* **47**, 633-638.
- Loomis, D. P., Savitz, D. A. et Ananth, C. V. 1994. Breast cancer mortality among female electrical workers in the United States. *JNCI* **86**, 921-925.
- McDowall, M. E. 1983. Leukemia mortality in electrical workers in England and Wales. *Lancet* **1**, 246.
- McElroy, J. A., Egan, K. M., Titus-Ernstoff, L., Anderson, H. A., Trentham-Dietz, A., Hampton, J. M. et Newcomb, P. A. 2007. Occupational exposure to electromagnetic field and breast cancer risk in a large, population-based, case-control study in the United States. *J Occup Environ Med* **49**, 266-274.
- McLaughlin J. K., Malker H. S. R., Blot W. J., Malker B. K., Stone B. J., Weiner J. A., Ericsson J. L. E., Fraumeni J. F. 1987. Occupational risks for intracranial gliomas in Sweden. *JNCI* **78**, 253-257.
- Matanoski, G. M., Elliott, E. A., Breyse, P. N. et Lynberg, M. C. 1993. Leukemia in telephone linemen. *Am J Epidemiol* **137**, 609-619.
- Milham, S. 1982. Mortality from leukemia in workers exposed to electrical and magnetic fields. *N Eng J Med* **307**, 249.
- Milham, S. 1985. Mortality in workers exposed to electromagnetic fields. *Environ Health Perspectives* **62**, 297-300.
- Milham, S. 1996. Increased incidence of cancer in a cohort of office workers exposed to strong magnetic fields. *Am J Ind Med* **30**, 702-704.
- Miller, A. B., To, T., Agnew, D. A., Wall, C. et Green, L. M. 1996. Leukemia following occupational exposure to 60-Hz electric and magnetic fields among Ontario electric utility workers. *Am J Epidemiol* **144**, 150-160.
- Minder, C. E. et Pfluger, D. H. 2001. Leukemia, brain tumors, and exposure to extremely low frequency electromagnetic fields in Swiss railway employees. *Am J Epidemiol* **153**, 825-835.
- Olin, R., Vagero, D. et Ahlbom, A. 1985. Mortality experience of electrical engineers. *Br J Ind Med* **42**, 211-212.

- Pearce, N., Reif, J. et Fraser, J. 1989. Case-control studies of cancer in New Zealand electrical workers. *Int J Epidemiol* **18**, 55-58.
- Pearce, N. E., Sheppard, R. A., Howard, J. K., Fraser, J. et Lilley, B. M. 1985. Leukemia in electrical workers in New Zealand. *Lancet* **1**, 811-812.
- Petralia, S. A., Chow, W.-H., McLaughlin, J., Jin, F., Gao, Y.-T. et Dosemeci, M. 1998. Occupational risk factors for breast cancer among women in Shanghai. *Am J Ind Med* **34**, 477-483.
- Pollan, M., Gustavsson, P. et Floderus, B. 2001. Breast cancer, occupation, and exposure to electromagnetic fields among Swedish men. *Am J Ind Med* **39**, 276-285.
- Richardson, S., Zittoun, R., Bastuji-Garin, S., Lasserre, V., Guihenneuc, C., Cadiou, M., Viguie, F. et Laffont-Faust, I. 1992. Occupational risk factors for acute leukemia: a case-control study. *Int J Epidemiol* **21**, 1063-1073.
- Robinson, C. F., Lalich, N. R., Burnett, C. A., Sestito, J. P., Frazier, T. M. et Fine, L. J. 1991. Electromagnetic field exposure and leukemia mortality in the United States. *J Occup Med* **33**, 160-162.
- Robinson, C. F., Petersen, M et Palu, S. 1999. Mortality patterns among electrical workers employed in the US construction industry, 1982-1987. *Am J Ind Med* **36**, 630-637.
- Rodvall, Y., Ahlbom, A., Stenlund, C., Preston-Martin, S., Lindh, T. et Spännare, B. 1998. Occupational exposure to magnetic fields and brain tumours in central Sweden. *Eur J Epidemiol* **14**, 563-569.
- Ronneberg, A., Haldorsen, T., Romundstad, P. et Andersen, A. 1999. Occupational exposure and cancer incidence among an aluminum smelter in western Norway. *Scand J Work Environ Health* **25**, 207-214.
- Rosenbaum, P. F., Vena, J. E., Zielezny, M. A. et Michalek, A. M. 1994. Occupational exposures associated with male breast cancer. *Am J Epidemiol* **139**, 30-36.
- Sahl, J. D., Kelsh, M. A. et Greenland, S. 1993. Cohort and nested case-control studies of hematopoietic cancers and brain cancers among electric utility workers. *Epidemiology* **4**, 104-113.
- Savitz, D. A., Cai, J., van Wijngaarden, E., Loomis, D. P., Mihlan, G., Dufort, V., Kleckner, R. C., Nylander-French, L., Kromhout, F. et Zhou, H. 2000. Case-cohort analysis of brain cancer and leukemia in electric utility workers using a refined magnetic field job-exposure matrix. *Am J Ind Med* **38**, 417-425.

- Savitz, D. A., Dufort, V., Armstrong, B. et Thériault, G. 1997. Lung cancer in relation to employment in the electrical utility industry and exposure to magnetic fields. *Occup Environ Med* **54**, 396-402.
- Savitz, D. A. et Loomis, D. P. 1995. Magnetic field exposure in relation to leukemia and brain cancer mortality among electric utility workers. *Am J Epidemiol* **141**, 123-134.
- Schlehofer, B., Hettinger, I., Ryan, P., Blettner, M., Preston-Martin, S., Little, J., Arslan, A., Ahlbom, A., Giles, G. G., Howe, G. R., Menegoz, F., Rodvall, Y., Choi, W. N. et Wahrendorf, J. 2005. Occupational risk factors for low grade and high grade glioma: results from an international case control study of adult brain tumours. *Int J Cancer* **113**, 116-125.
- Schroeder, J. C. et Savitz, D. A. 1997. Lymphoma and multiple myeloma mortality in relation to magnetic field exposure among electric utility workers. *Am J Ind Med* **32**, 392-402.
- Sorahan, T. (2012). Cancer incidence in UK electricity generation and transmission workers, 1973-2008. *Occup Med* **62**, 496-505.
- Sorahan, T., Waterhouse, J. A. H., McKiernan, M. J. et Aston, R. H. R. 1985. Cancer incidence and cancer mortality in a cohort of semiconductor workers. *Br J Ind Med* **42**, 546-550.
- Sorahan, T., Nichols, L., van Tongeren, M. et Harrington, J. M. 2001. Occupational exposure to magnetic fields relative to mortality from brain tumors: updated and revised findings from a study of United Kingdom electricity generation and transmission workers, 1973-97. *Occup Environ Med* **58**, 326-330.
- Speers, M. A., Dobbins, J. G. et Miller, V. S. 1988. Occupational exposures and brain cancer mortality: a preliminary study of East Texas residents. *Am J Ind Med* **13**, 629-638.
- Thériault, G., Goldberg, M., Miller, A. B., Armstrong, B., Guénel, P., Deadman, J., Imbernon, E., To, T., Chevalier, A., Cyr, D. et Wall, C. 1994. Cancer risks associated with occupational exposure to magnetic fields among electric utility workers in Ontario and Quebec, Canada, and France: 1970-1989. *Am J Epidemiol* **139**, 550-572.
- Törnqvist, S., Knave, B., Ahlbom, A. et Persson, T. 1991. Incidence of leukemia and brain tumours in some "electrical occupations". *Br J Ind Med* **48**, 597-603.
- Törnqvist, S., Norell, S., Ahlbom, A. et Knave, B. 1986. Cancer in the electric power industry. *Br J Ind Med* **43**, 212-213.
- Tynes T, Andersen A. 1990. Electromagnetic fields and male breast cancer. *Lancet* **336**, 1596.

- Tynes, T., Andersen, A. et Langmark, F. 1992. Incidence of cancer in Norwegian workers potentially exposed to electromagnetic fields. *Am J Epidemiol* **136**, 81-88.
- Tynes, T., Jynge, H. et Vistnes, A. I. 1994. Leukemia and brain tumors in Norwegian railway workers, a nested case-control study. *Am J Epidemiol* **139**, 645-653.
- Tynes, T., Kjaebo, L. et Haldorsen, T. 2003. Residential and occupational exposure to 50 Hz magnetic fields and malignant melanoma: a population based study. *Occup Environ Med* **60**, 343-347.
- Tynes, T., Reitan, J. B. et Andersen, A. 1994. Incidence of cancer among workers in Norwegian hydroelectric power companies. *Scand J Environ Health* **20**, 339-344.
- Vagero, D. et Olin, R. 1983. Incidence of cancer in the electronics industry: using the new Swedish cancer Environment Registry as a screening instrument. *Br J Ind Med* **40**, 188-192.
- Vagero, D., Swerdlow, A. J. et Beral, V. 1990. Occupation and malignant melanoma: a study based on cancer registration data in England and Wales and in Sweden. *Br J Ind Med* **47**, 317-324.
- van Wijngaarden, E., Nylander-French, L. A., Millikan, R. C., Savitz, D. A. et Loomis, D. 2001. Population-based case-control study of occupational exposure to electromagnetic fields and breast cancer. *Ann Epidemiol* **11**, 297-303.
- van Wijngaarden, E., Savitz, D. A., Kleckner, R. C., Kavet, R. et Loomis, D. 2001. Mortality patterns by occupation in a cohort of electric utility workers. *Am J Ind Med* **40**, 667-673.
- Villeneuve, P. J., Agnew, D. A., Miller, A. B. et Corey, P. N. 2000. Non-Hodgkin's lymphoma among electric utility workers in Ontario: the evaluation of alternate indices of exposure to 60 Hz electric and magnetic fields. *Occup Environ Med* **57**, 249-257.
- Villeneuve, P. J., Agnew, D. A., Miller, A. B., Corey, P. N. et Purdham, J. T. 2000. Leukemia in electric utility workers: the evaluation of alternative indices of exposure to 60 Hz electric and magnetic fields. *Am J Ind Med* **37**, 607-617.
- Villeneuve, P. J., Agnew, D. A., Johnson, K. C., Mao, Y. et le *Canadian Cancer Registries Epidemiology Research Group*. 2002. Brain cancer and occupational exposure to magnetic fields among men: results from a Canadian population-based case-control study. *Int J Epidemiol* **31**, 210-217.
- Wesseling, C., Pukkala, E., Neuvonen, K., Boffeta, P. et Partanen, T. 2002. Cancer of the brain and nervous system and occupational exposures in Finnish women. *J Occup Environ Med* **44**, 663-668.

Bibliography of Epidemiological Studies on Occupational Exposure to Electric and Magnetic Fields (EMFs) and Cancer in Adults

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Wiklund, K., Einhorn, J. et Eklund, G. 1981. An application of the Swedish Cancer Environment Registry. Leukemia among telephone operators at the Telecommunications Administration in Sweden. *Int J Epidemiol* **10**, 373-376.

Wright, W. E., Peters, J. M. et Mack, T. M. 1982. Leukemia in workers exposed to electrical and magnetic fields. *Lancet* **2**, 1160-1161.

Willett, E. V., McKinney, P. A., Fear, N. T., Cartwright, R. A. et Roman, E. 2003. Occupational exposure to electromagnetic fields and acute leukemia: analysis of a case-control study. *Occup Environ Med* **60**, 577-583.

Zheng, T., Blair, A., Zhang, Y., Weisenburger, D. D. et Zham, S. H. 2002. Occupation and risk of non-Hodgkin's lymphoma and chronic lymphocytic leukemia. *J Occup Environ Med* **44**, 469-474.