

Literaturliste zum Artikel „Biologische Zahnheilkunde“

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1. Richard Horton: The neglected epidemic of chronic disease. *The Lancet*, Volume 366, Issue 9496, Page 1514, 29 October 2005
2. Strong K, Mathers C, Leeder S, Beaglehole R.: Preventing chronic diseases: how many lives can we save? *The Lancet*, Volume 366, Issue 9496, Pages 1578 - 1582, 29 October 2005
3. Segade L, Suarez-Quintanilla D.: Otic ganglion parasympathetic neurons innervate the pulp of the mandibular incisor or the guinea pig. *Neuroscience Letters* 1988, 90(1-2) 33-38
4. Ahlrot-Westerlund B: Mercury in cerebrospinal fluid in multiple sclerosis. *Swed J Biol Med* 1989, 1:6-7.
5. Beck et. Al. : Oral disease, cardiovascular disease and systemic inflammation. *Periodontology* 2000;23:110-20
6. Ingalls T: Endemic clustering of multiple sclerosis in time and place, 1934-1984. Confirmation of a hypothesis. *Am J Forensic Med Pathol* 1986, 7:3-8.
7. Meurman JH, Janket SJ, Qvarnström M, Nuutinen P.: Dental Infections and serum inflammatory markers in patients with and without severe heart disease, *Oral Surg Oral Med Oral Path Oral Radiol endod* 2003; 96:695-700.
8. Mutter, Joachim: Is dental amalgam safe for humans? The opinion of the scientific committee of the European Commission. *Journal of Occupational Medicine and Toxicology* 2011, 6:2
9. Perry VH, Newman TA, Cunningham C.: The impact of systemic infection on the progression of neurodegenerative disease. *Nat Rev Neurosci.* 2003 Feb;4(2):103-12.
10. Stejskal J, Stejskal VD: The role of metals in autoimmunity and the link to neuroendocrinology. *Neuro Endocrinol Lett* 1999, 20:351-364.
11. Sibley RL: The relationship between mercury from dental amalgam and mental health. *Am J Psychother* 1989, 43:575-587.
12. Sibley RL, Motl J, Kienholz E: Psychometric evidence that mercury from silver dental fillings may be an etiological factor in depression, excessive anger, and anxiety. *Psychol Rep* 1994, 74:67-80.
13. Wojcik DP, Godfrey ME, Haley B: Mercury toxicity presenting as chronic fatigue, memory impairment and depression: diagnosis, treatment, susceptibility, and outcomes in a New Zealand general practice setting (1994-2006). *Neuro Endocrinol Lett* 2006, 27:415-423.
14. Leong CCW, Syed NI, Lorscheider FL: Retrograde degeneration of neurite membrane structural integrity of nerve growth cones following in vitro exposure to mercury. *Neuro Report* 2001, 12:733-737
15. Stoiber T, Bonacker D, Bohm K: Disturbed microtubule function and induction of micronuclei by chelate complexes of mercury(II). *Mutat Res* 2004, 563:97-106.
16. Stoiber T, Degen GH, Bolt HM, Unger E: Interaction of mercury(II) with the microtubule cytoskeleton in IMR-32 neuroblastoma cells. *Toxicol Lett* 2004, 151(Suppl 1):99-104.
17. Thier R, Bonacker D, Stoiber T: Interaction of metal salts with cytoskeletal motor protein systems. *Toxicol Lett* 2003, 140:75-81.
18. Pendergrass JC, Haley BE: Mercury-EDTA Complex Specifically Blocks Brain-Tubulin-GTP Interactions: Similarity to Observations in Alzheimer's Disease. In

Status Quo and Perspective of Amalgam and Other Dental Materials.
International Symposium Proceedings. Edited by Friberg LT, Schrauzer GN.
Stuttgart: Thieme Verlag; 1995:98-105.

19. Pendergrass JC, Haley BE: Inhibition of brain tubulin-guanosine 5'-triphosphate interactions by mercury: similarity to observations in Alzheimer's diseased brain. In *Metallons on Biological systems*. Edited by Sigel A, Sigel H. New York: Dekker; 1997:461-478.
20. Barregard J, Svalander C, Schutz A, Westberg G, Sällsten G, Blohmé I, Mölne J, Attman PO, Haglind P: Cadmium, mercury, and lead in kidney cortex of the general Swedish population: a study of biopsies from living kidney donors. *Environ Health Perspect* 1999, 107:867-871.
21. Becker K, Kaus S, Krause C, Lepom P, Schulz C, Seiwert M, Seifert B: German Environmental Survey 1998 (GerES III): environmental pollutants in blood of the German population. *Int J Hyg Environ Health* 2002, 205:297-308.
22. Becker K, Schulz C, Kaus S, Seiwert M, Seifert B: German Environmental Survey 1998 (GerES III): Environmental pollutants in the urine of the German population. *Int J Hyg Environ Health* 2003, 206:15-24.
23. Drasch G, Schupp I, Riedl G, Günther G: Einfluß von Amalgamfüllungen auf die Quecksilberkonzentration in menschlichen Organen. *Dtsch Zahnärztl Z* 1992, 47:490-496.
24. Drasch G, Schupp I, Hofl H, Reinke R, Roider G: Mercury burden of human fetal and infant tissues. *Eur J Ped* 1994, 153:607-610.
25. Drasch G, Wanghofer E, Roider G: Are blood, urine, hair, and muscle valid bio-monitoring parameters for the internal burden of men with the heavy metals mercury, lead and cadmium? *Trace Elem Electrolyt* 1997, 14:116-123.
26. Eggleston DW, Nylander M: Correlation of dental amalgam with mercury in brain tissue. *J Prosth Dent* 1987, 58:704-707.
27. Gottwald B, Traencker I, Kupfer J, Ganss C, Eis D, Schill WB, Gieler U: "Amalgam disease" -- poisoning, allergy, or psychic disorder? *Int J Hyg Environ Health* 2001, 204:223-229.
28. Guzzi G, Grandi M, Cattaneo C: Should amalgam fillings be removed? *Lancet* 2002, 360:2081.
29. Guzzi G, Grandi M, Cattaneo C, Calza S, Minoia C, Ronchi A, Gatti A, Severi G: Dental amalgam and mercury levels in autopsy tissues: food for thought. *Am J Forensic Med Pathol* 2006, 27:42-45.
30. Levy M, Schwartz S, Dijak M, Weber JP, Tardif R, Rouah F: Childhood urine mercury excretion: dental amalgam and fish consumption as exposure factors. *Environ Res* 2004, 94:283-290.
31. Lorscheider FL, Vimy MJ, Summers AO: Mercury exposure from "silver" tooth fillings: emerging evidence questions a traditional dental paradigm. *FASEB Journal* 1995, 9:504-508.
32. Kingman A, Albertini T, Brown LJ: Mercury concentrations in urine and whole blood associated with amalgam exposure in a US military population. *J Dent Res* 1998, 77:461-471.
33. Mortada WI, Sobh MA, El-Defrawy MM, Farahat SE: Mercury in dental restoration: is there a risk of nephrotoxicity? *J Nephrol* 2002, 15:171-176.
34. Nylander M: Mercury in pituitary glands of dentists. *Lancet* 1986, 22:442.
35. Nylander M, Weiner J: Mercury and selenium concentrations and their interrelations in organs from dental staff and the general population. *Br J Ind Med* 1991, 48:729-734.

36. Nylander M, Friberg L, Lind B: Mercury concentrations in the human brain and kidneys in relation to exposure from dental amalgam fillings. *Swed Dent J* 1987, 11:179-187.
37. Pizzichini M, Fonzi M, Giannerini M, Mencarelli M, Gasparoni A, Rocchi G, Kaitsas V, Fonzi L: Influence of amalgam fillings on Hg levels and total antioxidant activity in plasma of healthy donors. *Sci Total Environ* 2003, 301:43-50.
38. Weiner JA, Nylander M: The relationship between mercury concentration in human organs and different predictor variables. *Sci Tot Environ* 1993, 138:101-115.
39. Zimmer H, Ludwig H, Bader M: Determination of mercury in blood, urine and saliva for the biological monitoring of an exposure from amalgam fillings in a group with self-reported adverse health effects. *Int J Hyg Environ Health* 2002, 205:205-211.
40. Drasch G, Schupp I, Hofl H, Reinke R, Roider G: Mercury burden of human fetal and infant tissues. *Eur J Ped* 1994, 153:607-610.
41. Ask K, Akesson A, Berglund M, Vahter M: Inorganic mercury and methylmercury in placentas of Swedish women. *Environ Health Perspect* 2002, 110:523-526.
42. Holmes AS, Blaxill MF, Haley BE: Reduced levels of mercury in first baby haircuts of autistic children. *Int J Toxicol* 2003, 22:277-85.
43. Morgan DL, Chanda SM, Price HC, Fernando R, Liu J, Brambila E, O'Connor RW, Beliles RP, Barone S Jr: Disposition of inhaled mercury vapor in pregnant rats: maternal toxicity and effects on developmental outcome. *Toxicol Sci* 2002, 66:261-273.
44. Takahashi Y, Tsuruta S, Hasegawa J, Kameyama Y, Yoshida M: Release of mercury from dental amalgam fillings in pregnant rats and distribution of mercury in maternal and fetal tissues. *Toxicology* 2001, 163:115-126.
45. Takahashi Y, Tsuruta S, Arimoto M, Tanaka H, Yoshida M: Placental transfer of mercury in pregnant rats which received dental amalgam restorations. *Toxicology* 2003, 185:23-33.
46. Vahter M, Akesson A, Lind B, Bjors U, Schutz A, Berglund F: Longitudinal study of methylmercury and inorganic mercury in blood and urin of pregnant and lactating women, as well as in umbilical cord blood. *Environ Res* 2000, 84:186-194.
47. Yoshida M, Satoh M, Shimada A, Yamamoto E, Yasutake A, Tohyama C: Maternal-to-fetus transfer of mercury in metallothionein-null pregnant mice after exposure to mercury vapor. *Toxicology* 2002, 175:215-222.
48. Yoshida M, Watanabe C, Satoh M, Yasutake A, Sawada M, Ohtsuka Y, Akama Y, Tohyama C: Susceptibility of Metallothionein-Null Mice to the Behavioural Alterations Caused by Exposure to Mercury Vapour at Human-Relevant Concentration. *Toxicol Sci* 2004, 80:69-73.
49. Drasch G, Aigner S, Roider G, Staiger F, Lipowskyn G: Mercury in human colostrum and early breast milk. Its dependence on dental amalgam and other factors. *J Trace Elem Med Biol* 1998, 12:23-27.
50. Oskarsson A, Schultz A, Skerfving S, Hallen IP, Ohlin B, Lagerkvist BJ: Total and inorganic mercury in breast milk in relation to fish consumption and amalgam in lactating women. *Arch Environ Health* 1996, 51:234-241.
51. Vimy MJ, Hooper DE, King WW, Lorscheider FL: Mercury from maternal "silver" tooth fillings in sheep and human breast milk. A source of neonatal exposure. *Biol Trace Element Res* 1997, 56:143-152.

52. Hargreaves RJ, Evans JG, Janota I, Magos L, Cavanagh JB: Persistent mercury in nerve cells 16 years after metallic mercury poisoning. *Neuropath Appl Neurobiol* 1988, 14:443-452.
53. Opitz H, Schweinsberg F, Grossmann T, Wendt-Gallitelli MF, Meyermann R: Demonstration of mercury in the human brain and other organs 17 years after metallic mercury exposure. *Clin Neuropath* 1996, 15:139-144.
54. He F, Zhou X, Lin B, Xiung YP, Chen SY, Zhang SL, Ru JY, Deng MH: Prognosis of Mercury poisoning in mercury refinery workers. *Ann Acad Med Singapore* 1984, 13:389-393.
55. Kishi R, Doi R, Fukushi Y, Satoh H, Ono A: Residual neurobehavioural effects associated with chronic exposure to mercury vapour. *Occup Environ Med* 1994, 51:35-41.
56. Kobal A, Horvat M, Prezelj M, Briski AS, Krsnik M, Dizdarevic T, Mazej D, Falnoga I, Stibilj V, Arneric N, Kobal D, Osredkar J: The impact of long-term past exposure to elemental mercury on antioxidative capacity and lipid peroxidation in mercury miners. *J Trace Elem Med Biol* 2004, 17:261-274.
57. Letz R, Gerr F, Cragle D, Green R, Watkins J, Fidler A: Residual neurologic deficits 30 years after occupational exposure to elemental mercury. *Neurotoxicology* 2000, 21:459-474.
58. Sugita M: The biological half-time of heavy metals. The existence of a third, "slowest" component. *Int Arch Occup Environ Health* 1978, 41:25-40.
59. Takahata N, Hayashi H, Watanabe S, Anso T: Accumulation of mercury in the brains of two autopsy cases with chronic inorganic mercury poisoning. *Folia Psychiatr Neurol Jpn* 1970, 24:59-69.
60. Lindh U, Hudecek R, Dandersund A, Eriksson S, Lindvall A: Removal of dental amalgam and other metal alloys supported by antioxidant therapy alleviates symptoms and improves quality of life in patients with amalgam-associated ill health. *Neuro Endocrinol Lett* 2002, 23:459-482.
61. Siblingud RL: A comparison of mental health of multiple sclerosis patients with silver/mercury dental fillings and those with fillings removed. *Psychol Rep* 1992, 70:1139-1151.
62. Huggins HA, Levy TE: Cerebrospinal fluid protein changes in multiple sclerosis after dental amalgam removal. *Altern Med Rev* 1998, 4:295-300.
63. Bates M, Fawcett J, Garrett N, Cutress T, Kjellstrom T: Related articles, health effects of dental amalgam exposure: a retrospective cohort study. *Int J Epidemiol* 2004, 33:894-902.
64. Engel P: Beobachtungen über die Gesundheit vor und nach Amalgamentfernung. [Observations on health before and after removing dental amalgam]. *Schweiz Monatsschr Zahnmed* 1998, 108:2-14.
65. Heintze U, Edwardsson S, Derand T, Birkhed D: Methylation of mercury from dental amalgam and mercuric chloride by oral streptococci in vitro. *Scand J Dent Re* 1983, 91:150-152.
66. Leistevuo J, Leistevuo T, Helenius H, Pyy L, Osterblad M, Huovinen P, Tenovuo J: Dental amalgam fillings and the amount of organic mercury in human saliva. *Caries Res* 2001, 35:163-166.
67. Yannai S, Berdicevsky I, Duek L: Transformations of inorganic mercury by *Candida albicans* and *Saccharomyces cerevisiae*. *Appl Environ Microbiol* 1991, 57:245-247.
68. Harris HH, Pickering IJ, George GN: The chemical form of mercury in fish. *Science* 2003, 301:1203.

69. Claesson et al.: Production of volatile sulfur compounds by various *Fusobacterium* species. *Oral Microbiol. Immunol.* 1990; 5:137-142
70. Langendijk PS, Hanssen JT, Van der Hoeven JS.: Sulfate-reducing bacteria in association with human periodontitis. *J Clin Periodontol* Dec 2000;27(12):943-50.
71. Persson S., Edlund MB., Claesson, R., Carlsson J.: The Formation of hydrogen sulfide and methyl mercaptan by oral bacteria. *Oral Microbiology and Immunology* 1990 August; Vol. 5 (4): 195-201.
72. Lechner J.: Immunstress durch Zahnmetalle und Elektrosmog. *Raum&Zeit* 1995, 74: 5-13.
73. Virtanen H, Huttunen J, Toropainen A, Lappalainen R.: Interaction of mobile phones with superficial passive metallic implants. *Phys Med Biol.* 2005 Jun 7;50(11):2689-700.
74. Klinghardt D: *Neural Therapy & Mesotherapy Course A: The Intensive.* Klinghardt Academy 2011, 80-82.
75. Nischwitz D: Die Wurzel allen Übels. *Endo Tribune, in Dental Tribune* 5/14: 21. Online: <http://www.zwp-online.info/de/fachgebiete/implantologie/grundlagen/die-wurzel-allen-uebels>
76. Lechner J.: *Kavitätenbildende Osteolysen des Kieferknochens.* 1.Auflage April 2011, München.
77. Price WA: *Nutrition and Physical Degeneration (1939-2003).* 6. vollst. überarb. u. erw. Auflage. The Price-Pottenger Nutrition Foundation, Inc., La Mesa, CA.
78. Straub RH, Cutolo M, Buttgereit F, Pongratz G.: Energy regulation and neuroendocrine-immune control in chronic inflammatory diseases. *J Intern Med.* 2010 Jun;267(6):543-60.
79. Schütt S, Von Baehr V.: Hyperreaktivität von Gewebemakrophagen nach Kontakt mit Titanoxidpartikeln als Ursache einer verstärkten lokalen Entzündungsreaktion bei Patienten mit Periimplantitis. *ZWR – Das Deutsche Zahnärzteblatt* 2010, 119: 222-232
80. Radar CP, Sterner T, Jakob F et al.: Cytokine response of human macrophage-like cells after contact with polyethylene and pure titanium particles. *J Arthroplasty* 1999; 14: 840-848.