

Literaturverzeichnis: Amalgam - Probleme und Lösungen, Dr. Max Riemann, 03.05.2020

1. Quecksilber - eine der schädlichsten Substanzen weltweit. Jennrich P. Untersuchung von Greenpeace, Mai 2015
2. Halbach S: Quecksilberexposition und ihre Folgen. Dtsch. Ärzteblatt 87: 464(A)-470(A), 1990
3. Syversen T, Kaur P. Die Toxikologie des Quecksilbers und seiner Verbindungen. *Perspectives in biology and medicine*. Vol. 2 (1-4), 2014
4. Hursh JB, Sichak SP, Clarkson TW: In vitro oxidation of mercury by the blood. *Pharmacol Toxicol*. 1988 Oct;63(4):266-73
5. WHO: Guidance for identifying population at risk from mercury exposure. 2008
6. Aktöres K, Förstermann U, Hofmann FB, Starke K: *Allgemeine und spezielle Pharmakologie und Toxikologie*. 11., überarbeitete Auflage; Urban & Fischer Verlag/Elsevier GmbH München, 2013
7. Vimy MJ, Lorscheider FL. Serial measurements of intra-oral air mercury: estimation of daily dose from dental amalgam. *J Dent Res*. 1985 Aug; 64(8):1072-5.
8. Paknahad, M. et al.: Effect of radiofrequency radiation from Wi-Fi devices on mercury release from amalgam restorations. *Journal of Environmental Health Science and Engineering* (2016) 14:12, DOI 10.1186/s40201-016-0253-z.
9. Shahidi, S. H. et al.: Effect of magnetic resonance imaging on microleakage of amalgam restorations: an in vitro study. *Dento maxillo Facial Radiol*. 2009;38(7):470-4.
10. Eggleston DW, Nylander M. Correlation of dental amalgam with mercury in brain tissue. *J Prosthet Dent*. 1987 Dec;58(6): 704-7.
11. Nylander M, Friberg L, Eggleston D, Björkman L. Mercury accumulation in tissues from dental staff and controls in relation to exposure. *Swed Dent J*. 1989;13(6):235-43.
12. EFSA Panel on Contaminants in the Food Chain (CONTAM); Scientific Opinion on the risk for public health related to the presence of mercury and methylmercury in food. *EFSA Journal* 2012;10 (12):2985. [241 pp.] www.efsa.europa.eu/efsajournal - Letzter Zugriff: 12.03.2015.
13. Raderecht HJ. Molecular Biology in the Interpretation of Metabolic Toxic Mechanisms and Possibilities for Estimating the Potential Toxicity of Metals, Illustrated by the Example of Mercury and Iron. *Clin Lab* 1998; 44: 33- 50.
14. Syversen T, Kaur P. The toxicology of mercury and its compounds. *J Trace Elem Med Biol*. 2012 Oct; 26(4):215-26. Review.
15. Alberts B, Johnson A, Lewis J, Raff M, Roberts K, Walter P./ Schäfer U. (Hrsg). *Molekularbiologie der Zelle*. 5., vollständig überarbeitete Auflage - April 2011, Wiley-VCH, Weinheim.
16. Chernyak YI, Itskovich VB, D'yakovich OA, Kolesnikov SI. Role of cytochrome P450-dependent monooxygenases and polymorphic variants of GSTT1 and GSTM1 genes in the formation of brain lesions in individuals chronically exposed to mercury. *Bull Exp Biol Med*. 2013 Nov; 156(1):15-8.
17. Alvares AP, Leigh S, Cohn J, Kappas A. Lead and methyl mercury: effects of acute exposure on cytochrome P-450 and the mixed function oxidase system in the liver. *J Exp Med*. 1972 Jun 1; 135(6):1406-9.
18. Ballatori N. Transport of toxic metals by molecular mimicry. *Environ Health Perspect* 2002; 110 (Suppl 5):689-694.
19. Adolph D. Zunahme der renalen Quecksilberausscheidung durch DMPS bei chronischer Quecksilbervergiftung: eine Untersuchung an 103 Probanden aus Mindanao, Philippinen. Dissertation, LMU München: Medizinische Fakultät; 2007.
20. Drasch, G. Mercury, in: Seiler, H. G., Sigel, A. und Sigel, H. (Hrsg.): *Handbook on metals in clinical and analytical chemistry*. Marcel Dekker, New York 1994, S. 479 - 493.
21. Jennrich P. The Influence of Arsenic, Lead, and Mercury on the Development of Cardiovascular Diseases. *ISRN Hypertension*; Volume 2013 (2013), Article ID 234034, 15 pages;
22. INTERNATIONAL AGENCY FOR RESEARCH ON CANCER. *IARC MONOGRAPHS ON THE EVALUATION OF CARCINOGENIC RISKS TO HUMANS - Beryllium, Cadmium, Mercury, and Exposures in the Glass Manufacturing Industry*. VOLUME 58 Lyon, 9-16 February 1993.
23. Cárdenas A, Roels H, Bernard AM, Barbon R, Buchet JP, Lauwerys RR, Roselló J, Hotter G, Mutti A, Franchini I, et al Markers of early renal changes induced by industrial pollutants. I. Application to workers exposed to mercury vapour. *Br J Ind Med*. 1993 Jan; 50(1):17-27.
24. Gallagher CM, Meliker JR. Mercury and thyroid autoantibodies in U.S. women, NHANES 2007-2008. *Environ Int*. 2012 Apr; 40:39-43.
25. Berufsgenossenschaft für Gesundheitsdienst und Wohlfahrtspflege (BGW). Beurteilung der Auswirkung von Allergien bei der Minderung der Erwerbsfähigkeit im Rahmen der BK 5101 . Stand 01/2015.
26. Sibley LR. A comparison of mental health of multiple sclerosis patients with silver/mercury dental fillings and those with fillings removed. *Psychol Rep*. 1992 Jun;70(3 Pt 2):1139-51.
27. Bernhoft RA. Mercury toxicity and treatment: a review of the literature. *J Environ Public Health*. 2012; 2012: 460508. doi: 10.1155/2012/460508. Epub 2011 Dec 22. Review.
28. Suzuki T, Takemoto T, Shishido S, Kani K. Mercury in human amniotic fluid. *Scand J Work Environ Health*. 1977 Mar; 3(1): 32-5.
29. Harada M. Minamata disease: methylmercury poisoning in Japan caused by environmental pollution. *Crit Rev Toxicol*. 1995;25(1):1-24. Review.
30. Grandjean P, Jørgensen PJ. Cognitive deficit in 7-year-old children with prenatal exposure to methylmercury. *Neurotoxicol Teratol*. 1997 Nov-Dec; 19(6):417-28.
31. Strain JJ, Clarkson TW. Associations of maternal long-chain polyunsaturated fatty acids, methyl mercury, and infant development in the Seychelles Child Development Nutrition Study. *Neurotoxicology* 2008; 29:776-82.