

REFERENCES

- American Dental Association. ADA Council on Dental Materials, Instruments, and Equipment: Recommendations in Dental Mercury Hygiene. *J Amer Dent Assoc.* 109:617-9. 1984.
- American Dental Association. EPA, Dentists Settle in Mercury Cleanup Case. *ADA News.* 19(16):1. Aug 15, 1988.
- American Dental Association. When Your Patients Ask About Mercury in Amalgam. *J Amer Dent Assoc.* 120:395-8. Apr 1990.
- American Heart Association. 1990 Heart and Stroke Facts. National Center. 7320 Greenville Ave. Dallas, TX. 75231.
- American Heart Association. 1990 Research Facts. National Center. 7320 Greenville Ave. Dallas, TX. 75231.
- Arizona Daily Star (Tucson). County Says Dentists are Dumping Excess Mercury. 16 October 1989.
- National Institute for Occupational Safety and Health (NIOSH). A Recommended Standard for Occupational Exposure to Inorganic Mercury. Pub. by NTIS. No. PB-222 223. 1973.
- United States Department of Commerce. National Data Book and Guide to Sources: Statistical Abstract of the United States 1988. 108th Edition.
- United States Environmental Protection Agency. Mercury Health Effects Update. Final Report. EPA-600/8-84-019F. August 1984.
- World Health Organization. Recommended Health-based Limits in Occupational Exposure to Heavy Metals. WHO Tech Rep Ser. 467:1-116. 1980.

REFERENCES

- American Heart Association. National Center. 7320 Greenville Ave. Dallas, TX. 75231. Booklets- 1989,1990: Heart and Stroke Facts; Heart Attack; Fact Sheet on Heart Attack, Stroke and Risk Factors; High Blood Pressure Fact Sheet; Cholesterol and Your Heart.
- Guyton, AC. Textbook of Medical Physiology. W.B. Saunders Co. Philadelphia, Pa. 1981.
- Rose, LF & Kaye, D. Internal Medicine for Dentistry. The C. V. Mosby Co. St. Louis-Toronto-London. 1983.

REFERENCES

- American Heart Association. National Center. 7320 Greenville Ave. Dallas, TX. 75231. Booklets: 1989 Heart Facts; Heart Attack; Fact Sheet on Heart Attack, Stroke and Risk Factors; High Blood Pressure Fact Sheet; Cholesterol and Your Heart; Facts About Stroke. 1990 Heart and Stroke Facts.
- Dorland's Medical Dictionary. W.B. Saunders Co. Philadelphia-London- Toronto.
- Guyton, AC. Textbook of Medical Physiology. W.B. Saunders Co. Philadelphia, Pa. 1981.
- Rose, LF & Kaye, D. Internal Medicine for Dentistry. The C. V. Mosby Co. St. Louis-Toronto-London. 1983.

REFERENCES

- Abraham, JE. et al. The Effect of Dental Amalgam Restorations on Blood Mercury Levels. *J Dent Res.* 63:71-3. 1984.
- American Dental Association (ADA). NIDR/ADA Workshop on Biocompatibility of Dental Materials. *ADA News.* July 30, 1984. *J Amer Dent Assoc.* Vol. 109. Sept, 1984.
- American Dental Association. Principles of Ethics and Code of Professional Conduct. Advisory Opinion No. 7. 1987.
- Chase, HS. Some Observations and Experiments Connected with Oral Electricity. *J Dent Science.* 12:18-23. 1878-79.
- Clarkson, TW. et al. The Prediction of Intake of Mercury Vapor from Amalgams. In: *Biological Monitoring of Toxic Metals.* Ed: Clarkson, TW. et al. Plenum Press. New York. Feb., 1988.
- Danscher, G. et al. Traces of Mercury in Organs from Primates with Amalgam Fillings. *Exper Molec Pathology.* 52:291-9. 1990.
- Eggleston, DW. et al. Correlation of Dental Amalgam with Mercury in Brain Tissue. *J Prosth Dent.* 58:704-7. 1987.
- EPA (United States). Mercury Health Effects Update: Final Report. USEPA. EPA-600/8-84-019F. August 1984.
- Fredin B. Studies on the Mercury Release from Dental Amalgam Fillings. *Swed J Biol Med.* 3:8-14. 1988.
- Friberg, L. & Vostal, J. (Eds). *Mercury in the Environment: An Epidemiological and Toxicological Appraisal.* CRC Press. 1972.
- Friberg, L. et al. Kvicksilver i Central Nervsystemet i Relation Till Amalgamfyllningar. *Lakartidningen.* 83:519-22. 1986.
- Gay, DD. et al. Chewing Releases Mercury from Fillings. *Lancet.* 1 (8123):985-6. 1979.
- Hahn, LJ; Kloiber, R; Vimy, MJ; Takahashi, Y; Lorscheider, FL. Dental "Silver" Fillings: A Source of Mercury Exposure Revealed by Whole-body Image Scan and Tissue Analysis. *FASEB J.* 3:2641-6. Dec 1989.
- Hahn, LJ; Kloiber, R; Leininger, RW; Vimy, MJ; Lorscheider, FL. Whole-body Imaging of the Distribution of Mercury Released from Dental Fillings into Monkey Tissues. *FASEB J.* 4:3256-60. Nov 1990.
- Langan, DC. et al. The Use of Mercury in Dentistry: A Critical Review of Recent Literature. *JADA.* 115:867-80. 1987.
- National Academy Of Sciences. An Assessment of Mercury in the Environment. *Nat Res Council. Nat Acad Sci.* 1978.

- National Institute for Occupational Safety and Health (NIOSH). A Recommended Standard for Occupational Exposure to Inorganic Mercury. Pub. by NTIS. No. PB-222 223. 1973.
- Nylander, M. et al. Mercury Concentrations in the Human Brain and Kidneys in Relation to Exposure from Dental Amalgam Fillings. *Swed Dent J.* 11:179-87. 1987.
- Occupational Safety and Health Administration (OSHA). Job Health Hazard Series. OSHA 2234. August, 1975.
- Occupational Safety and Health Administration (OSHA). Occupational Health Guideline for Inorganic Mercury. US Dept of Health and Human Services. Sept. 1978.
- Patterson, JE. et al. Mercury in Human Breath From Dental Amalgam. *Bull Environ Contam Toxicol.* 34:459-68. 1985.
- Phillips, RW. Skinner's Science of Dental Materials. WB Saunders. 7th edition. 1973.
- Reinhardt, JW. et al. Mercury Vapor Expired after Restorative Treatment: Preliminary Study. *J Dent Res.* 58(1):2005. 1979.
- Reinhardt, JW. et al. Exhaled Mercury Following Removal and Insertion of Amalgam Restorations. *J Prost Dent.* 49(5):652-6. 1983.
- Schiele, R. et al. Studies on the Mercury Content in Brain and Kidney Related to Number and Condition of Amalgam Fillings. Institute of Occupational and Social Medicine, University of Erlangen, Nurnberg, West Germany. Amalgam - Viewpoints from Medicine and Dental Medicine Symposium. March 12, 1984.
- Schriever, W. and Diamond, LE. Electromotive Forces and Electric Currents Caused by Metallic Dental Fillings. *J Dent Res.* 31(2):205-28. 1952.
- Skare, I. Mercury Exposure from Amalgam - A Background Study. *Scand Occup Hyg Meeting.* Iceland. 1987.
- Summers, AO, Wireman J. and Vimy, MJ and Lorscheider F.L. Increased Mercury Resistance in Monkey Gingival and Intestinal Bacterial Flora After Placement of Dental "Silver" Fillings. *The Physiologist* 33(4), A-116, August 1990.
- Svare, CW. et al. The Effect of Dental Amalgams on Mercury Levels in Expired Air. *J Dent Res.* 60:1668-71. 1981.
- Vimy, MJ & Lorscheider, FL. Intra-oral Air Mercury Released from Dental Amalgam. *J Dent Res.* 64(8):1069-71. 1985.
- Vimy, MJ & Lorscheider, FL. Serial Measurements of Intra-oral Air Mercury: Estimation of Daily Dose from Dental Amalgam. *J Dent Res.* 64(8): 1072-75. 1985.

- Vimy, MJ; Takahashi, Y; Lorscheider, FL. Maternal-fetal Distribution of Mercury (203 Hg) Released From Dental Amalgam Fillings. *Amer J Physiol.* 258:R939-R945. April 1990.
- Vimy, MJ, Boyd, ND, Hooper, DE, and Lorscheider, FL. Glomerular Filtration Impairment by Mercury Released From Dental "Silver" Fillings in Sheep. *The Physiologist* 33(4), A-94, August 1990
- Viola, PL & Cassano, GB. The Effect of Chlorine on Mercury Vapor Intoxication: Autoradiographic Study. *Med Lavoro.* 59(6-7):437-44. 1968.
- World Health Organization: Recommended Health-based Limits in Occupational Exposure to Heavy Metals. Report of a WHO Study Group. WHO Tech Rep Ser. 467:1-116. 1980.

REFERENCES

- Cutright, DE. et al. Systemic Mercury Levels Caused by Inhaling Mist During High-speed Amalgam Grinding. *J oral Med.* 28(4):100-4. October-December 1973.
- Carmignani, M. et al. Renal Ultrastructural Alterations and Cardiovascular Functional Changes in Rats Exposed to Mercuric Chloride. *Arch Toxicol. Suppl* 13:353-6. 1989.
- Danscher, G. et al. Traces of Mercury in Organs from Primates with Amalgam Fillings. *Exper Molec Pathology.* 52:291-9. 1990.
- Fredin, B. The Distribution of Mercury in Various Tissues of Guinea Pigs After Application of Dental Amalgam Fillings (A Pilot Study). *Sci Total Environ.* 66:263-8. 1987.
- Griffith, CG. et al. The Inorganic Element Content of Certain Human Tissues. *Ann Internal Med.* 41:501-9. 1954.
- Hahn, LJ; Kloiber, R; Vimy, MJ; Takahashi, Y; Lorscheider, FL. Dental "Silver" Fillings: A Source of Mercury Exposure Revealed by Whole-body Image Scan and Tissue Analysis. *FASEB J.* 3:641-6. Dec 1989.
- Hahn, LJ; Kloiber, R; Leininger, RW; Vimy, MJ; Lorscheider, FL. Whole-body Imaging of the Distribution of Mercury Released from Dental Fillings into Monkey Tissues. *FASEB J.* 4:3256-60. Nov 1990.
- Khayat, A. & Dencker, L. Whole Body and Liver Distribution of Inhaled Mercury Vapor in the Mouse: Influence of Ethanol and Aminothiazole Pretreatment. *J Appl Toxicol.* 3(2):66-73. 1983.
- Khayat, A. & Dencker, L. Organ and Cellular Distribution of Inhaled Metallic Mercury in the Rat and Marmoset Monkey (*Callithrix Jacchus*): Influence of Ethyl Alcohol Pretreatment. *Acta Pharmacol et Toxicol.* 55:145-52. 1984.
- Matsuo, N; Suzuki, T; Akagi, H. Mercury Concentrations in Organs of Contemporary Japanese. *Arch Environ Health.* 44(5):298-303. Sept-Oct 1989.
- Nylander, M. Mercury in the Pituitary Glands of Dentists. *Lancet.* Pg. 442. Feb 22, 1986.
- Perry, HM, Jr.; Erlanger, M; Yunice, A; Schoepfle, E; Perry, EF. Hypertension and Tissue Metal Levels Following Intravenous Cadmium, Mercury, and Zinc. *Amer J Physiol.* 219:755-61. Sep 1970.
- Perry, HM, Jr.; Erlanger, M. Hypertension and Tissue Metal Levels After Intraperitoneal Cadmium, Mercury, and Zinc. *Amer J Physiol.* 220:808-11. March 1971.

- Placidi, GF; Dell'Osso, L; Viola, PL; Bertelli, A. Distribution of Inhaled Mercury (^{203}Hg) in Various Organs. *Int J Tiss React.* 5:193-200. 1983.
- Vimy, MJ; Takahashi, Y; Lorscheider, FL. Maternal-fetal Distribution of mercury (^{203}Hg) Released From Dental Amalgam Fillings. *Amer J Physiol.* 258:R939-R945. April 1990.
- Yoshida, M; Satoh, H; Aoyama, H; Kojima, S; Yamamura, Y. Distribution of Mercury in Neonatal Guinea Pigs after Exposure to Mercury Vapor. *Bull Environ Contam Toxicol.* 43(5):697-704. Nov 1989.

REFERENCES

- Brake, J; Thaxton, P; Hestor, PY. Mercury Induced Cardiovascular Abnormalities in the Chicken. *Arch Environ Contam Toxicol.* 6:269-77. 1977.
- Carmignani, M. et al. Mechanisms in Cardiovascular Regulation Following Exposure of Male Rats to Inorganic Mercury. *Toxicol. Appl. Pharmacol.* 69:442-50. 1983.
- Carmignani, M. & Boscolo, P. Cardiovascular Homeostasis in Rats Chronically Exposed to Mercuric Chloride. *Arch. Toxicol. Suppl.* 7. 383-8. 1984.
- Carmignani, M. et al. Renal Ultrastructural Alterations and Cardiovascular Changes in Rats Exposed to Mercuric Chloride. *Arch Toxicol. Suppl* 13:353-6. 1989.
- Cheek, DB & Wu, F. Effect of Calomel on Plasma Epinephrine in Rat and Relationship to Mechanisms in Pink Disease. *Arch Dis Childhood.* 34:502-4. 1959.
- Cheek, DB et al. Effect of Mercurous Chloride (Calomel) and Epinephrine (Sympathetic Stimulation) on Rats: Importance of Findings to Mechanisms in Infantile Acrodynia (Pink Disease). *Pediatrics.* 23:302-13. 1959.
- Dahhan, SS. & Orfaly, H. Electrocardiographic Changes in Mercury Poisoning. *American J. Cardiology.* 14:178-83. August 1964.
- Fellingner, K; Schweitzer, F. Gefasserkrankungen nach Quecksilbervergiftungen. *Arch Gewerbepath Gewerbehyg.* 9:269-75. 1938.
- Gale, TF. Cardiac and Non-cardiac Malformations Produced by Mercury in Hamsters. *Bull. Environ. Contam. Toxicol.* 25:726-32. 1980.
- Jha, L.B. & Bhatia, B. Effect of Mercuric Chloride on Coronary Flow in Perfused Rat Heart. *Bull. Environ. Contam. Toxicol.* 31(2): 132-8. 1983.
- Kahler, HJ. Zur Frage der Kardiotoxischen Wirkung des Quecksilbers, insbesondere des Saatfruchtbeizmittel "Ceresan". *Zbl Arbeitsmed Arbeitsschutz.* 10:25-31. 1960.
- Kleinfeld, M; Stein, E. Action of Divalent Cations on Membrane Potentials and Contractility in Rat Atrium. *Amer J Physiol.* 215(3):593-9. Sept 1968.
- Kostka, B; Michalski, M; Krajewska, U; Wierzbicki, R. Blood Coagulation Changes in Rats Poisoned with Methylmercuric Chloride (MeHg). *Pol J Pharmacol Pharm.* 41(2):183-9. Mar-Apr 1989.

- Kussmaul, A. Untersuchungen ueber den constitutionellen Mercurialismus und sein Verhaeltniss zur constitutionellen Syphilis. Wuerzburg. 1861.
- Lu, KP; Zhao, SH; Wang, DS. The Stimulatory Effect of Heavy Metal Cations on Proliferation of Aortic Smooth Muscle Cells. *Sci China [B]*. 33(3):303-10. Mar 1990.
- Maurissen, JPJ. History of Mercury and Mercurialism. *New York State J. Medicine*. pp. 1902-09. December 1981.
- Mosby's Revised 2nd Edition, Medical Dictionary. The C.V. Mosby Co. St. Louis, MO, 1987.
- Oettingen, WFvon. Poisoning: A Guide to Clinical Diagnosis and Treatment. 2nd Ed. Saunders Co. London. 1958.
- Orłowski, JP & Mercer, RD. Urine Mercury Levels in Kawasaki Disease. *Pediatrics*. 66(4): 633-6. October 1980.
- Perry, HM, Jr.; Yunice, A. Acute Pressor Effects of Intra-Arterial Cadmium and Mercuric Ions in Anesthetized Rats. *Proc Soc Exp Biol Med*. 120:805-8. 1965.
- Perry, HM, Jr.; Schoepfle, E; Bourgoignie, J. In Vitro Production and Inhibition of Aortic Vasoconstriction by Mercuric, Cadmium, and Other Metal Ions. *Proc Soc Exp Biol Med*. 124:485-90. 1967.
- Perry, HM, Jr.; Erlanger, M; Yunice, A; Schoepfle, E. Perry, EF. Hypertension and Tissue Metal Levels Following Intravenous Cadmium, Mercury, and Zinc. *Amer J Physiol*. 219:755-61. Sep 1970.
- Perry, HM, Jr.; Erlanger, M. Hypertension and Tissue Metal Levels After Intraperitoneal Cadmium, Mercury, and Zinc. *Amer J Physiol*. 220:808-11. March 1971.
- Rhee, HM; Choi, BH. Hemodynamic and Electrophysiological Effects of Mercury in Intact Anesthetized Rabbits and in Isolated perfused Hearts. *Exp Molec Pathol*. 50:281-90. 1989.
- Rieselman, SD. Einfluss der Quecksilberintoxikation auf die inneren Organe. *Arch Gewerbepathol*. 1:496. 1930.
- Shiraki, H & Nagashima, K. Essential Neuropathology of Alkylmercury Intoxications in Humans from the Acute to the Chronic Stage With Special Reference to Experimental Whole Body Autoradiographic Study Using Labeled Mercury Compounds. *Neurotox*. Ed: Roizin, L, et al. 247-60. 1977.
- Sibley, RL. The Relationship Between Mercury from Dental Amalgam and the Cardiovascular System. *Sci Tot Environ*. 99:23-35. 1990.

- Solomon, HS; Hollenberg, NK. Catecholamine Release: Mechanism of Mercury-Induced Vascular Smooth Muscle Contraction. *Amer J Physiol.* 229(1):8-12. July 1975.
- Tomera, JF; Harakal, C. Mercury- and Lead-Induced Contraction of Aortic Smooth Muscle In Vitro. *Arch Int Pharmacodyn.* 283(2):295-302. Oct 1986.
- Trakhtenberg, IM. Chronic Effects of Mercury on Organisms. Chap. VI:109-34. *The Micromercurialism Phenomenon in Mercury Handlers.* Chap. XI:199-210. *Cardiotoxic Effects of Mercury.* DHEW Publ. No. (NIH) 74-473. 1974.
- Vimy, MJ; Takahashi, Y; Lorscheider, FL. Maternal-fetal Distribution of Mercury (²⁰³Hg) Released From Dental Amalgam Fillings. *Amer J Physiol.* 258:R939-R945. April 1990.
- Vulliamy, GD. Vasomotor Disturbance in Pink Disease. *Lancet.* 2:1248-51. 1952.
- Wakatsuki, T. Inapparent intoxication with special reference to pesticides of organic mercurial origin. *Psychiatr. Neurol Jpn.*, 69:1004-1106, 1967.
- Warkany, J; Hubbard, DM. Acrodynia and Mercury. *J Pediatrics.* 42:365-86. 1953.
- Wierzbicki, R. et al. Interaction of Fibrinogen With Mercury. *Thrombo. Res.* 30(6):579-85. 1983.

REFERENCES

- American Heart Association, National Center. 7320 Greenville Ave. Dallas, TX. 75231. 1989 Heart Facts & Cholesterol and Your Heart. 1990 Heart and Stroke Facts.
- Carmignani, M et al. Mechanisms in Cardiovascular Regulation Following Chronic Exposure of Male Rats to Inorganic Mercury. *Toxic Appl Pharmacol.* 69:442-50. 1983.
- Carmignani, M & Boscolo, P. Cardiovascular Homeostasis in Rats Exposed to Mercuric Chloride. *Arch Toxicol Sup.* 7:383-8. 1984.
- Chiu, VCK et al. Action of Mercurials on the Active and Passive Transport Properties of Sarcoplasmic Reticulum. *J Bioenergetics Biomembranes.* 15(1): 13-25. 1983.
- Dahhan, SS & Orfaly, H. Electrocardiographic Changes in Mercury Poisoning. *Amer J Cardiol.* 14:178-83. August 1964.
- de Bruin, A; Editor. *Biochemical Toxicology of Environmental Agents.* Pp. 575-6; 702-3. Elsevier. 1976.
- *Dorland's Illustrated Medical Dictionary.* 25th Edit. W.B. Saunders Co. Philadelphia. 1974.
- Druet, P; et al. Mercury-induced Autoimmune Glomerulonephritis in Animals. *Contrib Nephrol.* 61:120-30. 1988.
- Jha, LB & Bhatia, B. Effect of Mercuric Chloride on Coronary Flow in Perfused Rat Heart. *Bull Environ Contam Toxicol.* 31(2):132-8. 1983.
- Jonek, J. Histochemische Untersuchungen uber das Verhalten einiger Enzyme im Hertzmuskel nach experimenteller Vergiftung mit Quecksilberdampfen. *Int Arch Gewerbepathol Gewerbehyg.* 21:1-10. 1964.
- Kitamoto, Y; Nakayama, M; Sakata, Y; Taguchi, H; Kuwahara, K; Arima, S; Ikezaki, N; Nakano, T; Kiyama, S; Tomita, M. IgA Nephritis Associated with Plasminogen Abnormalities. *Clin Nephrol.* 33(2):61-5. Feb 1990.
- Klaassen, CD; Amdur, MO; Doull, J; Eds. *Casarett and Doull's Toxicology: The Basic Science of Poisons.* Third Ed. Pp. 266-7. Macmillan Publishing Co. New York. 1986.
- Kostka, B; Michalska, M; Krajewska, U; Wierzbicki, R. Blood Coagulation Changes in Rats Poisoned with Methylmercuric Chloride (MeHg). *Pol J Pharmacol Pharm.* 41(2):183-9. Mar-Apr 1989.
- Labarrere, CA. Acute Atherosclerosis: A Histopathological Hallmark of Immune Aggression? *Placenta.* 9(1):95-108. Jan-Feb 1988.

- Lu, KP; Zhao, SH; Wang, DS. The Stimulatory Effect of Heavy Metal Cations on Proliferation of Aortic Smooth Muscle Cells. *Sci China [B]*. 33(3):303-10. Mar 1990.
- Queen, S. Cholesterol Hysteria: The New Health Risk Created by the National Cholesterol Education Program (NCEP). *Heart Talk*. Vol. 8. No. 3. Dec 1989.
- Roitt, IM; Brostoff, J; Male, DK. *Immunology*. Chap. 23. The C.V. Mosby Co. St. Louis-Toronto. 1985.
- Rothstein, A. Mercurials and Red Cell Membranes. In: *The Function of Red Blood Cells: Erythrocyte Pathobiology*. 105-131. 1981.
- Shiraki, H & Nagashima, K. Essential Neuropathy of Alkylmercury Intoxications in Humans from the Acute to the Chronic Stage with Special Reference to Experimental Whole Body Autoradiographic Study Using Labeled Mercury Compounds. *Neurotoxicology*. Eds: Roizin, L et al. 247-60. 1977.
- Stites, DP; Stobo, JD; Fudenberg, HH; Wells, JV. *Basic & Clinical Immunology*. 4th Edit. Chap. 13. Lange Medical Publications. Los Altos, CA. 1982.
- Togna, G; Dolci, N; Caprino, L. Inhibition of Aortic Vessel Adenosine Diphosphate Degradation by Cadmium and Mercury. *Arch Toxicol. Suppl.* 7:378-81. 1984.
- Trakhtenberg, IM. Chronic Effects of Mercury on Organisms. *Cardiotoxic Effects of Mercury*. Chap. XI:199-210. DHEW Publ. No. (NIH) 74-473. 1974.
- Vallee, BL & Ulmer, DD. Biochemical Effects of Mercury, Cadmium, and Lead. *Ann Rev Biochem.* 41:91-127. 1972.
- Vaughn, M; Virella, G. Diabetes, Autoimmunity, and Arteriosclerosis. *Clin Immunol Immunopathol.* 52(3):414-20. Sept 1989.
- Wakatsuki, T. Inapparent Intoxication With Especial Reference to Pesticides of Organic Mercurial Origin. *Psychiatric Neurol Japan.* 69:1004-6. 1967.
- Weening, JJ. Mercury Induced Immune Complex Glomerulopathy: An Experimental Study. Chap. 4. Pp. 36-66. Published by VanDendergan. 1980.
- Weening, JJ. Autoimmune Reactions and Glomerulonephritis Caused by Heavy Metals and Other Toxins. *Dev Toxicol Environ Sci.* 11:211-8. 1983.
- Wierzbicki, R et al. Interaction of Fibrinogen with Mercury. *Thrombo Res.* 30(6):579-85. 1983.