

References

ENDOTES:

- 1 Adegbembo AO, Watson PA, Lugowski SJ. The weight of wastes generated by removal of dental amalgam restorations and the concentration of mercury in dental wastewater. *Journal-Canadian Dental Association*. 2002; 68(9):553-8.
- 2 al-Shraideh M, al-Wahadni A, Khasawneh S, al-Shraideh MJ. The mercury burden in waste water released from dental clinics. *SADJ: Journal of the South African Dental Association (Tydskrif van die Suid-Afrikaanse Tandheelkundige Vereniging)*. 2002; 57(6):213-5.
- 3 Alothmani O. Air quality in the endodontist's dental surgery. *New Zealand Endodontic Journal*. 2009; 39: 12. Available at: <http://www.nzse.org.nz/docs/Vol.%2039%20January%202009.pdf>. Accessed February 26, 2016.
- 4 Arenholt-Bindslev D. Dental amalgam—environmental aspects. *Advances in Dental Research*. 1992; 6(1):125-30.
- 5 Arenholt-Bindslev D, Larsen AH. Mercury levels and discharge in waste water from dental clinics. *Water, Air, and Soil Pollution*. 1996; 86(1-4):93-9. Abstract available at: <http://link.springer.com/article/10.1007/BF00279147>. Accessed February 26, 2016.
- 6 Batchu H, Rakowski D, Fan PL, Meyer DM. Evaluating amalgam separators using an international standard. *The Journal of the American Dental Association*. 2006; 137(7):999-1005.
- 7 Chou HN, Anglen J. An evaluation of amalgam separators. *ADA Professional Product Review*. 2012; 7(2): 2-7.
- 8 Fan PL, Batchu H, Chou HN, Gasparac W, Sandrik J, Meyer DM. Laboratory evaluation of amalgam separators. *The Journal of the American Dental Association*. 2002; 133(5):577-89.
- 9 Hylander LD, Lindvall A, Uhrberg R, Gahnberg L, Lindh U. Mercury recovery in situ of four different dental amalgam separators. *Science of the Total Environment*. 2006; 366(1):320-36.
- 10 Khwaja MA, Nawaz S, Ali SW. Mercury exposure in the work place and human health: dental amalgam use in dentistry at dental teaching institutions and private dental clinics in selected cities of Pakistan. *Reviews on Environmental Health*. 2016. Abstract available at: <http://www.degruyter.com/view/j/reveh.ahead-of-print/reveh-2015-0058/reveh-2015-0058.xml>. Accessed February 26, 2016.
- 11 Stone ME, Cohen ME, Berry DL, Ragain JC. Design and evaluation of a filter-based chairside amalgam separation system. *Science of the Total Environment*. 2008; 396(1):28-33.
- 12 Cited as Vandeven J, McGinnis S. An assessment of mercury in the form of amalgam in dental wastewater in the United States. *Water, Air and Soil Pollution*. 2005; 164: 349-366. DCN 0469. In Frost A, Madden R. Reducing Mercury from the Environment: An Assessment of Dental Amalgam. 2014. Page 11. Available at: <https://www.phasa.org.za/wp-content/uploads/2014/10/DRI-Minamata-Paper.pdf>. Accessed February 26, 2016.
- 13 Huggins HA, Levy TE. Cerebrospinal fluid protein changes in multiple sclerosis after dental amalgam removal. *Alternative Medicine Review*. 1998; 3:295-300.
- 14 Kasraei S, Mortazavi H, Vahedi M, Vaziri PB, Assary MJ. Blood mercury level and its determinants among dental practitioners in Hamadan, Iran. *Journal of Dentistry of Tehran University of Medical Sciences*. 2010; 7(2):55-63.
- 15 Reinhardt JW, Chan KC, Schulein TM. Mercury vaporization during amalgam removal. *The Journal of Prosthetic Dentistry*. 1983; 50(1):62-4.
- 16 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. *International Journal of Science and Research (IJSR)*. 2015; 4(3): 2393. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.

- 17 Palmer J, Young M. The efficacy of the IAOMT engineering controls used during removal of mercury silver dental restorations. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2013.
- 18 Ziff M, Sukel PP. Reducing mercury vapor exposure for the patient during amalgam removal. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2000.
- 19 See ATSDR Suggested Action Levels for Indoor Mercury Vapors in Homes or Businesses with Indoor Gas Regulators, Attachment 2, in Saxon T, Illinois Department of Health. Health Consultation Residential Mercury Spills From Gas Regulators In Illinois (A/K/A Nicor) Mt. Prospect, Lake County, Illinois. Available at: <http://www.atsdr.cdc.gov/hac/pha/pha.asp?docid=599&pg=1>. Accessed February 26, 2016.
- 20 Agency for Toxic Substances and Disease Registry. Mercury Quick Facts. Cleaning up spills in your house. February 2009. Available at: http://www.atsdr.cdc.gov/mercury/docs/Residential_Hg_Spill_Cleanup.pdf. Accessed February 26, 2016.
- 21 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2393. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 22 Kasraei S, Mortazavi H, Vahedi M, Vaziri PB, Assary MJ. Blood mercury level and its determinants among dental practitioners in Hamadan, Iran. Journal of Dentistry of Tehran University of Medical Sciences. 2010; 7(2):55-63.
- 23 Merfield DP, Taylor A, Gemmell DM, Parrish JA. Mercury intoxication in a dental surgery following unreported spillage. British Dental Journal. 1976; 141(6):179.
- 24 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392, 2393. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 25 Colson DG. A safe protocol for amalgam removal. Journal of Environmental and Public Health; 2012. Page 2. doi:10.1155/2012/517391. Available at: <http://downloads.hindawi.com/journals/jeph/2012/517391.pdf>. Accessed February 26, 2016.
- 26 Larose P. Pre-Amalgam Removal: Activated Charcoal Slurry Rinse and Swallow. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2000.
- 27 Rubin P. Oral Detox Pro Oral Rinse. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2010.
- 28 Nimmo A, Werley MS, Martin JS, Tansy MF. Particulate inhalation during the removal of amalgam restorations. J Prosth Dent. 1990; 63(2):228-33. Abstract available at: <http://www.sciencedirect.com/science/article/pii/0022239139090110X>. Accessed February 26, 2016.
- 29 Palmer J, Young M. The efficacy of the IAOMT engineering controls used during removal of mercury silver dental restorations. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2013.
- 30 Palmer J, Young M. The efficacy of the IAOMT engineering controls used during removal of mercury silver dental restorations. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2013.
- 31 Warwick R, O'Connor A, Lamey B. Mercury vapour exposure during dental student training in amalgam removal. J Occup Med Toxicol. 2013; 8(1):27. Available at: <http://occup-med.biomedcentral.com/articles/10.1186/1745-6673-8-27>. Accessed February 26, 2016.
- 32 LBNL (Lawrence Berkley National Laboratory). Pick The Right Gloves for The Chemicals You Handle. Berkley, CA: Lawrence Berkley National Laboratory, US Department of Energy. Undated. Available at: <http://amo-csd.lbl.gov/downloads/Chemical%20Resistance%20of%20Gloves.pdf>. Accessed February 26, 2016.
- 33 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 34 Palmer J, Young M. The efficacy of the IAOMT engineering controls used during removal of mercury silver

- dental restorations. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2013.
- 35 Rego A, Roley L. In-use barrier integrity of gloves: latex and nitrile superior to vinyl. American Journal of Infection Control. 1999; 27(5):405-10. Abstract available at: [http://www.ajicjournal.org/article/S0196-6553\(99\)70006-4/fulltext?refuid=S1538-5442\(01\)70020-X&refissn=0045-9380&mobileUi=0](http://www.ajicjournal.org/article/S0196-6553(99)70006-4/fulltext?refuid=S1538-5442(01)70020-X&refissn=0045-9380&mobileUi=0). Accessed February 26, 2016.
- 36 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 37 Colson DG. A safe protocol for amalgam removal. Journal of Environmental and Public Health; 2012. Page 3. doi:10.1155/2012/517391. Available at: <http://downloads.hindawi.com/journals/jeph/2012/517391.pdf>. Accessed February 26, 2016.
- 38 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 39 Nimmo A, Werley MS, Martin JS, Tansy MF. Particulate inhalation during the removal of amalgam restorations. J Prosth Dent. 1990; 63(2):228-33. Abstract available at: <http://www.sciencedirect.com/science/article/pii/002239139090110X>. Accessed February 26, 2016.
- 40 Palmer J, Young M. The efficacy of the IAOMT engineering controls used during removal of mercury silver dental restorations. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2013.
- 41 Reinhardt JW, Chan KC, Schulein TM. Mercury vaporization during amalgam removal. The Journal of Prosthetic Dentistry. 1983; 50(1):62-4.
- 42 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 43 Colson DG. A safe protocol for amalgam removal. Journal of Environmental and Public Health; 2012. Pages2-3. doi:10.1155/2012/517391. Available at: <http://downloads.hindawi.com/journals/jeph/2012/517391.pdf>. Accessed February 26, 2016.
- 44 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 45 Colson DG. A safe protocol for amalgam removal. Journal of Environmental and Public Health; 2012. Page 3. doi:10.1155/2012/517391. Available at: <http://downloads.hindawi.com/journals/jeph/2012/517391.pdf>. Accessed February 26, 2016.
- 46 Palmer J, Young M. The efficacy of the IAOMT engineering controls used during removal of mercury silver dental restorations. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2013.
- 47 Berglund A, Molin M. Mercury levels in plasma and urine after removal of all amalgam restorations: the effect of using rubber dams. Dental Materials. 1997; 13(5):297-304.
- 48 Halbach S, Kremers L, Willruth H, Mehl A, Welzl G, Wack FX, Hickel R, Greim H. Systemic transfer of mercury from amalgam fillings before and after cessation of emission. Environmental Research. 1998; 77(2):115-23.
- 49 Huggins HA, Levy TE. Cerebrospinal fluid protein changes in multiple sclerosis after dental amalgam removal. Alternative Medicine Review. 1998; 3:295-300.
- 50 Reinhardt JW, Boyer DB, Svare CW, Frank CW, Cox RD, Gay DD. Exhaled mercury following removal and insertion of amalgam restorations. The Journal of Prosthetic Dentistry. 1983;49(5):652-6.
- 51 Reinhardt JW, Chan KC, Schulein TM. Mercury vaporization during amalgam removal. The Journal of

- Prosthetic Dentistry. 1983; 50(1):62-4.
- 52 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 53 Palmer J, Young M. The efficacy of the IAOMT engineering controls used during removal of mercury silver dental restorations. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2013.
- 54 Rego A, Roley L. In-use barrier integrity of gloves: latex and nitrile superior to vinyl. American Journal of Infection Control. 1999; 27(5):405-10. Abstract available at: [http://www.ajicjournal.org/article/S0196-6553\(99\)70006-4/fulltext?refuid=S1538-5442\(01\)70020-X&refissn=0045-9380&mobileUi=0](http://www.ajicjournal.org/article/S0196-6553(99)70006-4/fulltext?refuid=S1538-5442(01)70020-X&refissn=0045-9380&mobileUi=0). Accessed February 26, 2016.
- 55 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 56 Palmer J, Young M. The efficacy of the IAOMT engineering controls used during removal of mercury silver dental restorations. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2013.
- 57 Ziff M, Sukel PP. Reducing mercury vapor exposure for the patient during amalgam removal. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2000.
- 58 Erdinger L., Rezvani P., Hammes F., Sonntag HG. Improving indoor air quality in hospital environments and dental practices with modular stand-alone air cleaning devices. Research Report of the Institute of Hygiene, University of Heidelberg, Germany
published during the proceedings of the 8th International Conference on Indoor Air Quality and Climate Indoor Air 99 in Edinburgh, Scotland, August 1999.
- 59 Robbins D. IQAirDentalPro and DentalPro Flex-Vac Mercury Air Cleaner. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2007.
- 60 Palmer J, Young M. The efficacy of the IAOMT engineering controls used during removal of mercury silver dental restorations. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2013.
- 61 Ziff M, Sukel PP. Reducing mercury vapor exposure for the patient during amalgam removal. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2000.
- 62 Brune D, Hensten-Pettersen AR, Beltesbrekke H. Exposure to mercury and silver during removal of amalgam restorations. European Journal of Oral Sciences. 1980; 88(5):460-3.
- 63 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 64 Pleva J. Mercury from dental amalgams: exposure and effects. International Journal of Risk & Safety in Medicine. 1992; 3(1):1-22.
- 65 Reinhardt JW, Boyer DB, Svare CW, Frank CW, Cox RD, Gay DD. Exhaled mercury following removal and insertion of amalgam restorations. The Journal of Prosthetic Dentistry. 1983; 49(5):656.
- 66 Richards JM, Warren PJ. Mercury vapour released during the removal of old amalgam restorations. British Dental Journal. 1985; 159(7):231.
- 67 Reinhardt JW, Boyer DB, Svare CW, Frank CW, Cox RD, Gay DD. Exhaled mercury following removal and insertion of amalgam restorations. The Journal of Prosthetic Dentistry. 1983; 49(5):652-6.
- 68 Reinhardt JW, Chan KC, Schulein TM. Mercury vaporization during amalgam removal. The Journal of Prosthetic Dentistry. 1983; 50(1):62-4.
- 69 Ziff M, Sukel PP. Reducing mercury vapor exposure for the patient during amalgam removal. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2000.
- 70 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam

- fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 71 Huggins HA, Levy TE. Cerebrospinal fluid protein changes in multiple sclerosis after dental amalgam removal. Alternative Medicine Review. 1998; 3:295-300.
- 72 Pleva J. Mercury from dental amalgams: exposure and effects. International Journal of Risk & Safety in Medicine. 1992; 3(1):1-22.
- 73 Reinhardt JW, Boyer DB, Svare CW, Frank CW, Cox RD, Gay DD. Exhaled mercury following removal and insertion of amalgam restorations. The Journal of Prosthetic Dentistry. 1983;49(5):652-6.
- 74 Reinhardt JW, Chan KC, Schulein TM. Mercury vaporization during amalgam removal. The Journal of Prosthetic Dentistry. 1983; 50(1):62-4.
- 75 Richards JM, Warren PJ. Mercury vapour released during the removal of old amalgam restorations. British Dental Journal. 1985; 159(7):231.
- 76 Ziff M, Sukel PP. Reducing mercury vapor exposure for the patient during amalgam removal. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2000.
- 77 Warwick R, O'Connor A, Lamey B. Mercury vapour exposure during dental student training in amalgam removal. J Occup Med Toxicol. 2013; 8(1):27. Available at: <http://occup-med.biomedcentral.com/articles/10.1186/1745-6673-8-27>. Accessed February 26, 2016.
- 78 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2393. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 79 Colson DG. A safe protocol for amalgam removal. Journal of Environmental and Public Health; 2012. Page 3. doi:10.1155/2012/517391. Available at: <http://downloads.hindawi.com/journals/jeph/2012/517391.pdf>. Accessed February 26, 2016.
- 80 Ziff M, Sukel PP. Reducing mercury vapor exposure for the patient during amalgam removal. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2000.
- 81 Kasraei S, Mortazavi H, Vahedi M, Vaziri PB, Assary MJ. Blood mercury level and its determinants among dental practitioners in Hamadan, Iran. Journal of Dentistry of Tehran University of Medical Sciences. 2010; 7(2):55-63.
- 82 Reinhardt JW, Boyer DB, Svare CW, Frank CW, Cox RD, Gay DD. Exhaled mercury following removal and insertion of amalgam restorations. The Journal of Prosthetic Dentistry. 1983; 49(5):656.
- 83 Cabaña-Muñoz ME, Parmigiani-Izquierdo JM, Parmigiani-Cabaña JM, Merino JJ. Safe removal of amalgam fillings in dental clinic: use of synergic nasal filters (active carbon) and phytonaturals. International Journal of Science and Research (IJSR). 2015; 4(3): 2392, 2393. Available at: <http://www.ijsr.net/archive/v4i3/SUB152554.pdf>. Accessed February 26, 2016.
- 84 Rubin P. Oral Detox Pro Oral Rinse. IAOMT Sci Rev. ChampionsGate, FL: International Academy of Medicine and Toxicology (IAOMT). 2