

REFERENCES AND RESOURCES:

Prepared by the [International Academy of Oral Medicine and Toxicology \(IAOMT\)](#) to accompany our Mercury 102 Online Learning Video and listed by video section:

What is dental amalgam?

Kennedy D. Smoking Teeth = Poison Gas [video]. Champion's Gate, FL. International Academy of Oral Medicine and Toxicology (IAOMT). Uploaded on January 30, 2007. Available from: <http://www.youtube.com/watch?v=9ylnQ-T7oiA>.

1970s and 1980s Classic Dental Literature on Mercury Release from Dental Amalgam:

Gay DD, Cox RD, Reinhardt JW. Chewing releases mercury from fillings. *Lancet*. 1979; 1(8123):985-6. Abstract available from <https://library.iaomt.org/chewing-releases-mercury-from-fillings/>

Abraham JE, Svare CW, Frank CW. The effect of dental amalgam restorations on blood mercury levels. *J Dent Res*. 1984; 63(1):71-3. Abstract available from: <http://jdr.sagepub.com/content/63/1/71.short>

Patterson JE, Weissberg BG, Dennison PJ. Mercury in human breath from dental amalgams. *B Environ Contam Toxicol*. 1985; 34(1):459-68. Abstract available from: <https://link.springer.com/article/10.1007%2FBF01609761?LI=true>

More Dental Mercury Research in the 1980s:

Vimy MJ, Takahashi Y, Lorscheider FL. Maternal-fetal distribution of mercury (203Hg) released from dental amalgam fillings. *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology*. 1990 Apr 1;258(4):R939-45. Abstract available from: <https://journals.physiology.org/doi/abs/10.1152/ajpregu.1990.258.4.R939>

Hahn LJ, Kloiber R, Vimy MJ, Takahashi Y, Lorscheider FL. Dental "silver" tooth fillings: a source of mercury exposure revealed by whole-body image scan and tissue analysis. *The FASEB Journal*. 1989 Dec;3(14):2641-6. Available from: <http://ww.w.toxcenter.org/artikel/Tooth-fillings-source-of-mercury-hgl.pdf>

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Mercury Exposure Levels from Dental Amalgam:

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The National Institute for Occupational Safety and Health (NIOSH). Mercury (Vapor). *OSHA comments from the January 19, 1989 Final Rule on Air Contaminants Project extracted from 54FR2332 et. seq. This rule was remanded by the U.S. Circuit Court of Appeals and the limits are not currently in force.* Page last reviewed September 28, 2011. Available from: <https://www.cdc.gov/niosh/pel88/7439-97.html>

FDA Classification versus Amalgam Risk Assessment:

Richardson GM, Wilson R, Allard D, Purtill C, Douma S, Graviere J. Mercury exposure and risks from dental amalgam in the US population, post-2000. *Science of the Total Environment*. 2011 Sep 15;409(20):4257-68. Available from:

https://www.researchgate.net/profile/Colleen_Purtill2/publication/51514541_Mercury_exposure_and_risks_from_dental_amalgam_in_the_US_population_post-2000/links/5ae0ed0d458515c60f65f2bd/Mercury-exposure-and-risks-from-dental-amalgam-in-the-US-population-post-2000.pdf

United States Food and Drug Administration. Dental Devices: Classification of Dental Amalgam, Reclassification of Dental Mercury, Designation of Special Controls for Dental Amalgam, Mercury, and Amalgam Alloy. 2009. Available from:

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http://www.mercuryconvention.org/Portals/11/documents/Booklets/Minamata%20Convention%20on%20Mercury_booklet_English.pdf

The Children's Amalgam Trials:

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Critics of the Children's Amalgam Trials:

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Woods JS, Heyer NJ, Echeverria D, Russo JE, Martin MD, Bernardo MF, Luis HS, Vaz L, Farin FM. Modification of neurobehavioral effects of mercury by a genetic polymorphism of coproporphyrinogen oxidase in children. *Neurotoxicology and Teratology*. 2012 Sep 1;34(5):513-21. Available from:

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3795926/>

In addition to the references above, the resources listed below are also being provided as relevant supporting materials:

Script for Mercury 102 Online Learning Video

Selected Scientific Literature Related to the Science of Dental Amalgam Mercury

Kall J, Robertson K, Just A. International Academy of Oral Medicine and Toxicology (IAOMT) Comprehensive Review of the Toxic Effects of Mercury in Dental Amalgam Fillings on the Environment and Human Health. 2019. <https://files.iaomt.org/wp-content/uploads/Comprehensive-Review-Dental-Mercury.pdf>

Kall J, Robertson K, Sukel P, Just A. International Academy of Oral Medicine and Toxicology (IAOMT) Position Statement against Dental Mercury Amalgam Fillings for Medical and Dental Practitioners, Dental Students, and Patients. 2019. Available from: <https://files.iaomt.org/wp-content/uploads/IAOMT-Position-Paper-Dental-Mercury-Amalgam-Full.pdf>