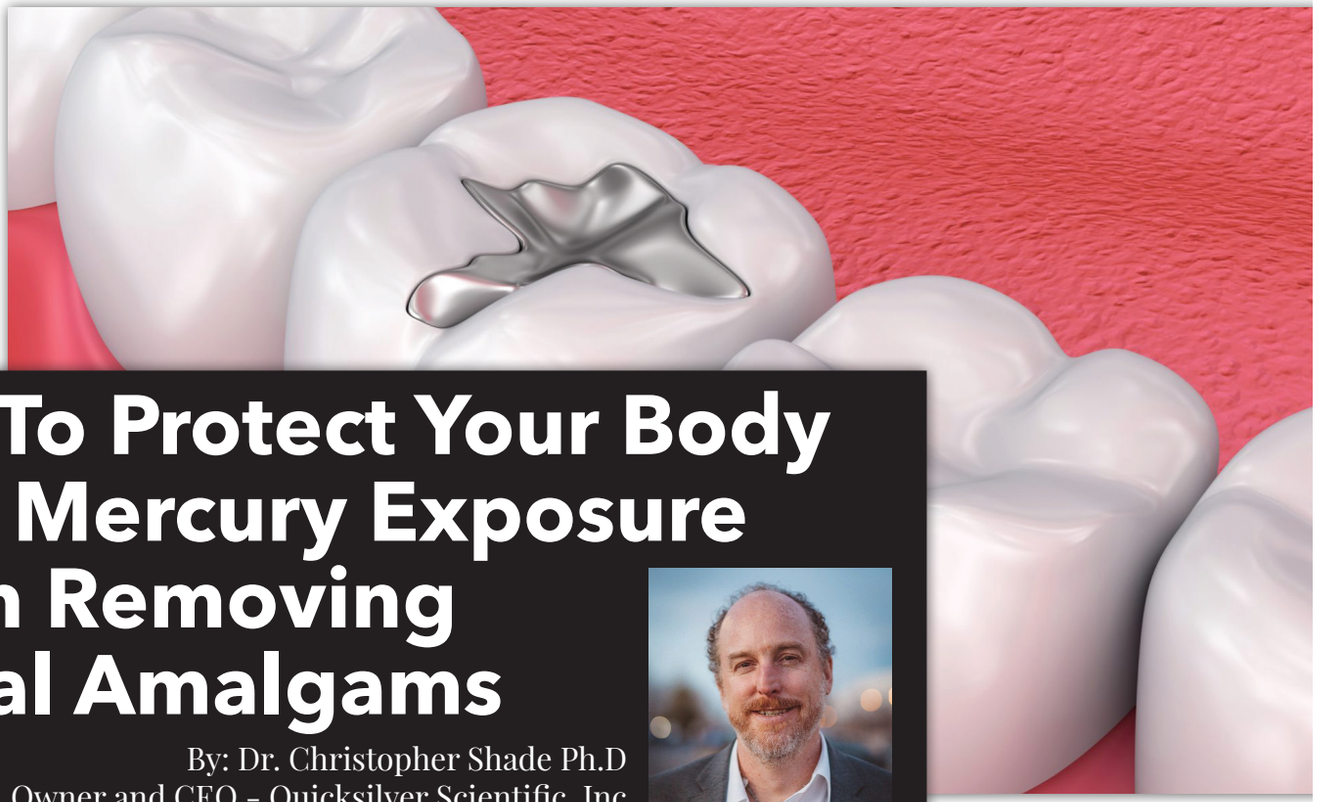

How To Protect Your Body From Mercury Exposure When Removing Dental Amalgams

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Dentistry is responsible for the largest use of mercury in the U.S. About 181 million Americans are walking around today with an astonishing 1.46 billion mercury amalgam fillings in their teeth—a staggering total of 1,200 tons of mercury.

Often referred to as a "silver filling," dental amalgam is composed of about 50% liquid mercury, blended into a powdered alloy of silver, tin, copper, zinc. Mercury has been designated by the World Health Organization as one of the ten most dangerous chemicals to public health. Mercury interferes with immune function, and can damage the nervous, endocrine and reproductive systems, as well as vulnerable organs like the kidneys and brain. It also works like a hidden enemy to damage the critical fatty acids, proteins and enzymes that keep our cells healthy. Mercury even damages our very DNA; by producing free radicals. For all of us, there is actually no known safe level of exposure to mercury.

The mercury in dental amalgam can release in vapor form at higher rates during brushing, cleaning, and chewing. Mercury can corrode right in the mouth, as well as absorb into tissues throughout the body. Many developed nations have eliminated or dramatically reduced the use of dental amalgam. Just last year a coalition of fifty environmental, public health, and children's rights groups called for an end to dental amalgam in all American children, as well as a two-year phase-out for all Americans.

A Proactive Approach to Protecting The Body During Amalgam Removal

What can you do if your mouth already contains one or more amalgam fillings? Some individuals ask their licensed health professional to test their body burden of mercury. A mercury tri-test, for instance, can assess levels in blood, hair and urine to accurately determine the body's mercury burden.

Even without testing, many individuals want their mercury amalgams drilled out and replaced with a tooth-friendly resin, glass ionomer or porcelain material. Drilling out an amalgam filling, however, generates an enormous amount of heat, causing a significant increase

in the release of mercury, both as a vapor and in tiny particles that may be inadvertently swallowed. Even with the use of a rubber dental dam, water spray and suction, the body needs support in detoxifying and eliminating the mercury and other metals that will be released during drilling. Because of this high potential exposure during removal, protection of the biochemistry during this period is crucial.

Support Your Glutathione Super-System

The first and most powerful support is inside us already. We carry within us a glutathione "super-system", a powerful detoxification system that can safely bind heavy metals and move them right out of the body. Supplementing glutathione levels is critical in order to protect the body during any heightened toxic exposure, including amalgam removal. However, typical oral formulations of glutathione are broken down by stomach acids and digestive enzymes, so that very little is absorbed. A liposomal glutathione formulation offers rapid and efficient uptake into the cells where it is needed. Other phytonutrients and specialized biomolecules can increase our powerful internal antioxidant defenses and help protect our primary organ of detoxification, the liver. This includes botanicals such as milk thistle, with its special affinity for the liver, as well as B complex vitamins, with their ability to support countless metabolic reactions in the body.

Capture Metals Released by Drilling With A Specialized Binder

During the actual drilling procedure, metals will be escorted by an efficient detoxification system into the GI tract. Once there, they can be captured by specialized binders to be safely and permanently eliminated by the body. Common binders include clay, charcoal and chlorella, but these may not be potent enough to intercept and neutralize the extra burden of mercury released by drilling. Instead, a specially formulated and targeted binder that works in the GI tract is ideal. One such powerful metal scavenger is a purified "thiol-functionalized silica"—which is the mineral silica enhanced by specialized metal-binding molecules. It is highly stable and effective. It stays in the gut, does not enter the bloodstream, yet binds mercury and sweeps it out of the body, keeping the GI tract clean and protecting the gut from metal exposure. Bentonite clay can add further protection, with its high affinity for other metals in fillings. Vitamin C, one of our most broad-spectrum antioxidants, can also offer additional protection during amalgam removal.

The MerProtect™ Protocol is Now Available

The good news is that a protectionary protocol offering all these ingredients has already been assembled by Quicksilver Scientific. Called The MerProtect™ Protocol, it provides comprehensive support for your antioxidant defenses and detoxification, and a high-affinity specialized thiol-functionalized silica to bind mercury released by drilling. The protocol lasts one week, with doses to be taken before, during and subsequent to amalgam removal. Utilizing this protocol can help prevent the occasional worsening of symptoms some people experience after drilling of amalgams, which is likely due to increased exposure after mercury has been released from the tooth. To purchase The MerProtect™ Protocol, please visit www.quicksilverscientific.com.

Resources:

IAOMT Recommendations for Mercury Amalgam Removal:
https://iaomt.org/resources/safe-removal-amalgam-fillings/

Mercury Toxicity And Treatment: A Review of the Literature:
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3253456/

Mercury as a Global Pollutant: Sources, Pathways, and Effects