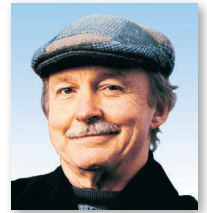


WiFi Increases Mercury Release from Fillings

By Bill Wolfe DDS

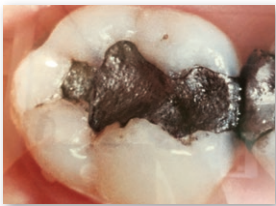


Bill Wolfe DDS

Research indicates that our increasingly Wi-Fi saturated environment could be greatly amplifying the dangers of mercury exposure from dental amalgams.

A study published in the *Journal of Neuroimmunology*, entitled, "Effect of radiofrequency radiation from Wi-Fi devices on mercury release from amalgam restorations", reveals that our now ubiquitous exposure to Wi-Fi radiation may be amplifying the toxicity of dental amalgams and other forms of mercury exposure in the human body.

In what appears to be the first study of its kind, researchers looked specifically at the potential for Wi-Fi signals to increase the release of mercury from dental amalgams, which are composed of approximately 50% elemental mercury.



Mercury, commonly used in dental amalgam fillings, is one of the most toxic substances on the planet, and although the *American Dental Association* continues to insist that mercury-based 'silver' fillings are safe, natural health experts have long

warned that micro-levels of this highly-toxic substance can be released into the body, with grave health consequences.

Now, a disturbing new study shows that electromagnetic fields from Wi-Fi—a hazard in their own right—accelerate the release of mercury from fillings, further increasing the threat to health. This research has some alarming implications.

Although exposure to mercury can occur through the environment, vaccines and contaminated foods, the main source of elemental mercury exposure is "silver" dental amalgam fillings—which contain 50% elemental mercury. Mercury vapors, which are tasteless, odorless and colorless, can be released upon chewing, or upon exposure to hot foods, and mercury exposure is associated with a mind-boggling list of ills...

The new research shows that electromagnetic frequencies (EMFs)—which are produced by wireless technologies such as cell phones, laptops, tablets and microwave ovens—can accelerate and intensify the release of mercury. The study also suggests that routine medical procedures, such as magnetic resonance imaging (MRIs) and X-rays, are other culprits in quickening mercury release.

To conduct the study, researchers placed 20 extracted, mercury-filled human teeth in artificial saliva, dividing the teeth randomly into 2 groups of 10. The specimens in the experimental group were exposed to a radiofrequency radiation emitted from standard Wi-Fi devices at 2.4 GHz for 20 min. The distance between the Wi-Fi router and samples was 30cm and the router exchanged data with a laptop computer that was placed 20 meters away from the router. The control group of teeth were not exposed to Wi-Fi.



Researchers then measured the mercury levels in the artificial saliva surrounding the teeth. They found that levels in the fluid of the unexposed mercury-filled teeth were .026 milligrams per liter, as compared to .056 for the exposed mercury-filled teeth—reflecting a doubling of the mercury release.

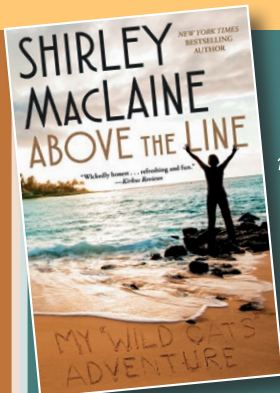
The research, which was published in 2016 in *Journal of Environmental Health Science and Engineering* and was the first study to evaluate the effects of Wi-Fi signals on the release of mercury from dental fillings.

The authors concluded: "Exposure of patients with amalgam restorations to radiofrequency radiation emitted from conventional Wi-Fi devices can increase mercury release from amalgam restorations."

If you would like to know how much mercury vapor is being emitted from your amalgam fillings, call my office for a mercury vapor examination. 505-299-6950. www.DrWolfe.com

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