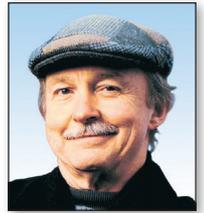




# There Is a Battery in Your Mouth

By Bill Wolfe, DDS, NMD



Bill Wolfe, D.D.S.

If you have mercury-silver fillings, crowns or metal partial dentures in your mouth, there may be more going on than you know. Metals in the mouth can cause electrical toxicity issues within the human body.

*Electrogalvanism is frequently the cause of lack of concentration and memory, insomnia, psychological problems, tinnitus, vertigo, epilepsy. To name a few.*

~ EDWARD ARANA, D.D.S.

## What are oral galvanic currents?

Galvanic currents (or electrogalvanism) exist when there are two or more different metals in the saltwater (electrolyte) environment in your mouth, the same electrical generation process that produces electricity in car batteries. This measurable electricity coming from crowns and fillings can be considerable and have significant negative effects on the body — particularly the nervous system and brain-function.

Oral galvanism is a condition created when two different metals are placed in saliva. These currents can exist between metal fillings, metal posts, metal crowns, metal pins, metal partial dentures, silver point root canal filling materials, metal orthodontic wires, brackets, bands, and retainers, and any other metal present in the oral cavity. Saliva acts as an electrolyte and

can create a measurable electric current of 900 millivolts. This current can overpower the body's normal 450 millivolts, interfere with energy flow to the brain, and is suspected as a catalyst in many illnesses. Many people have a constant metallic taste, which generally is not viewed as a serious problem, but only as "an irrelevant phenomenon". However, clinically, high current and electromagnetic fields in the mouth can have a negative impact the autonomic nervous system, on the energy meridians flowing through the mouth, and be a factor in the lack of energetic nourishment of distant areas of the body.

Electrical currents in the mouth and their potential health effects were first reported in the scientific literature more than 100 years ago: *Oral Electricity and the New Departure*, Dental Cosmos Vol. XX, 1880, *The Possibility of Precancerous Oral Lesions from Electrical Causes*, The Dental Digest, April 1933.

Other alloys, such as nickel in the metal base of bridges and under porcelain crowns, have been documented to lower functionality of immunity cells (T-4 and T-8 lymphocyte levels) David Eggleston, DDS, *Effect of Dental Amalgam and Nickel Alloys on T-Lymphocytes: Preliminary Report*, Journal of Prosthetic Dentistry, 1984.

We don't know nearly enough about these electrical fields and their effects on our biologic systems, as little research is currently being done. Future research may demonstrate that such oral electrical activity may be the most damaging side effects of having metals in your mouth, as other areas of concern may be demonstrated by EEG (brain) and EKG (heart) measurements. Also, Oral Galvanism and the reactions they generate can increase the release of mercury from amalgam fillings into the body. Any metal materials in the mouth such as gold crowns, chrome cobalt partial dentures, mercury fillings, titanium implants, etc. will set the stage for galvanic currents. In 1985, a research team revealed that when mercury fillings were in close proximity to gold crowns, the mercury release was 10x greater when compared to mercury fillings alone, *Mercury Poisoning from Dental Amalgam — A Hazard To The Human Brain* by Patrick Stortebecker, MD, Ph.D.

*If the brain operates on 6 to 9 nanoamperes of current, and fillings are bombarding the brain with up to 100 or more microamperes, it should be no surprise that brain function could improve when the excessive electrical current is removed. You have a right to be informed.*

Hal Huggins, DDS, MS & Thomas Levy MD, JD

*Oral galvanic meters measure oral electrical activity in the mouth. For information on electrogalvanic testing, and various protocols for reducing electrogalvanism in the mouth, call Dr. Wolfe's Albuquerque office at 505-299-6950.*

*Facts do not cease to exist because they are ignored.*

~AUTHOR UNKNOWN

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— Shirley MacLaine  
Academy Award Winning  
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