

Dental Foci – *Dietrich Klinghardt, MD*

It has been estimated that 80% of all medical illnesses are either caused by or greatly contributed by man-made problems in the dental structures (teeth and jawbones). Such common interference fields include: impacted teeth, infected root canal teeth, new and recurrent decay around old fillings, cysts, gum disease, bone infections in areas of previously extracted teeth, granulomas (areas of soft tissue that cannot heal) and areas of bone condensation (dense area due to calcium deposition) to osteitis (inflammation of bone) represent some of the more common factors.

Testing such areas requires injection of 1% procaine into the gum surrounding the suspected tooth. If there is a detectable improvement of symptoms for removed from the site of injection, it is a strong indication for the causal relationship. The improvement should last eight hours or more, according to current Neural Therapy teaching. However, there are exceptions to the rule with the improvement lasting only several hours. This testing procedure rarely produces false positive results and false negatives occur about 40% of the time.

Toxicity from dental restorative materials

Dental amalgam fillings slowly leak mercury, tin copper, and sometimes nickel. All of these metals have various degrees of toxicity. A fairly large mercury filling contains enough mercury to kill a child if given as a single dose!

The most common symptoms caused by amalgam fillings:

- Chronic Fatigue
- Tendency to chronic inflammatory changes-rheumatoid arthritis, phlebitis, fibromyalgia, irritable bowel syndrome.
- Chronic neurological illnesses, especially when numbness is one of the primary symptoms.
- Lowering of pain threshold.

Allergy to dental materials used to restore teeth

Having an allergic response to dental materials is a common cause of chronic fatigue, allergies, chronic sinusitis and headaches. Intractable pain syndromes are also frequently caused by this component.

Elect galvanism

When two dissimilar metals are present in the mouth with saliva (conductor), an electric current will flow. There will be flow of electrons from one metal to the other and a flow of metal ions from one to the other. 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 (A. Knappworst, E. Gura, D. Fuhrmann and A. Enginaley) revealed that when mercury fillings, were in close proximity to gold crowns, the mercury release was ten times greater when compared to mercury fillings alone (p132. Mercury Poisoning from Dental Amalgam-a Hazard to Human Brain by Patrick Stortebecker, MD,Ph.D published in USA by Bio Probe, Orlando, FL). Electro galvanism frequently is the cause for the following symptoms:

- Lack of concentration and memory
- Insomnia
- Psychological problems

- Tinnitus
- Vertigo
- Epilepsy
- Hearing loss
- Eye problems
- Mouth pain

Resolving this galvanic issue is accomplished by having the mercury and other metals removed and replaced with non-metal restorations that are tested to be biocompatible with the patient.

All dental materials are potentially toxic with a broad individual variety of reactions. Mercury and tin are prime neuro-toxic substances. Mercury has the ability to destroy and or damage the transport fibers inside each nerve. The latest research from one of the top German toxicologists, Max Dauderer, MD, reveals that the entire jaw bone (upper and lower) has become a toxic waste dump for the following substances:

- Pesticides
- Solvents (mostly lower jaw)
- Formaldehydes (mostly lower jaw)
- Amalgam (mercury, tin, copper and silver)-jawbone and maxillary sinus
- Palladium (from gold/palladium alloys)- mostly upper jawbone

Through biopsies, Dauderer found that virtually all inhaled toxins are stored in the jawbone on the areas adjacent to the root tips. Also of great interest is Dauderer's serial biopsies on malignant tumors in-patients, that had amalgam fillings and found predictably amalgam in the tumor. The tumor (malignant melanoma, brain cancer, bladder, stomach, colon and tongue cancer).

Root Canalled Teeth

A researcher, Boyd Haley, Ph.D., at the University of Kentucky has estimated that 75% of root canalled teeth are infected. Another major researcher, Hal Huggins, DDS, has shown that the toxins liberated by infected root canalled teeth are almost 1000 times as toxic as botulism. Botulism is the most toxic substance known to human kind. The following articles provides as excellent overview of the potential hazards of infected teeth plus mercury fillings.

Chronic Dental Infections and Toxicity:

An Overview by Marie Issels, 2001

“In the western civilized world nearly everybody is confronted with dental problems some time in their life. In an understandable desire to preserve as many teeth as possible, to maintain the masticatory apparatus for health and cosmetic reasons.” Teeth are basically porous and microbes in the blood, mouth and dead teeth eventually grow into the “holes”, where the immune system cannot destroy them. It is there that these microbes produce their toxins, creating toxic and neurological overload.

The following article by Dr. Dietrich Klinghardt MD. PhD, appeared in the Holistic Dental Association newsletter “Communicator”.