

For Immediate Release

BLOOD AND DNA DATA SHOW DENTAL MATERIALS CAN CREATE AUTOIMMUNE DISEASES

EXECUTIVE SUMMARY

Observations of improvements in incurable autoimmune diseases with dental intervention stimulated further research into correlating dental toxic materials with the origin of autoimmune diseases. Perhaps some of these diseases are really “dental” diseases, not “medical”, but require the best efforts of both professions to improve patient response, and eliminate the diseases. This has created animosity over autonomy. English translation: Professional rivalry. Who wins? No one. Who loses? Everyone.

The Toxic Element Research Foundation has as its goal disclosures of observations based on the science of changes in blood chemistry. They encourage thinking expressed by an anonymous philosopher who said: “If you have done it, undo it.”

HOW DENTAL MATERIALS CREATE AUTOIMMUNE DISEASES

Autoimmune diseases, or conditions in which one's own immune system is destroying itself, are becoming far more prevalent each year. Some are increasing as much as 10% a year. ALS, (amyotrophic lateral sclerosis) otherwise known as Lou Gehrig's disease (relatively unknown 20 years ago) is one of these. ALS is one of the most vicious diseases one can contract. It is taking the stage as being more prevalent than Multiple sclerosis in yearly onset numbers. Why is this? The causes are becoming more obvious each year, and the conclusion is that, it doesn't have to happen.

The word "auto" refers to yourself, and "immune" refers to the immune system, or the white blood cells circulating in your blood stream. What happens is that your white blood cells attack and destroy your own cells. Your own nervous system – hormone system – in fact – any cell in your body can be the target of a takeover by the immune system. The current treatment? Kill your immune cells that are killing your good tissues.

The Toxic Element Research Foundation (TERF) has found that by attaching a metal or toxic chemical to a normal cell, that cell can be converted from a "self" cell to a "non-self" cell. Evidence has shown that multiple dental materials can accomplish this conversion, resulting in the formation of an autoimmune disease. The known autoimmune disease stimulator, mercury, is released from dental silver mercury fillings 24/7 in amounts great enough to cause this reaction. Further, it has been found that all root canal teeth contain multiple anaerobic bacteria in them as well as their attaching periodontal ligament. This has opened another door for causative research. With dentistry now "recommending" their members to create sixty-million root canal teeth per year, this avalanche of toxicity is making its mark in generating greater counts of incurable autoimmune diseases.

TERF Spokesperson Hal Huggins, DDS, MS explains:

My 40 years of dealing with autoimmune diseases makes me think in another box. The immune system is everyone's friend. I took a few years in the

late 80's to return to college to get another degree emphasizing immunology and toxicology. Why? Because it was becoming apparent to me that dental fillings were related to the onset of autoimmune diseases. Is it possible? Observations of thousands of patients and my education in both dentistry and immunology allowed me to come to the conclusion that there was a connection. This was further emphasized by the fact that upon removing the potential causes of autoimmune disease and assisting the immune system in recovery instead of killing it, resulted in improvements in blood chemistries and symptom reversal in people with autoimmune diseases. My training in immunology created a bridge between dentistry and medicine that showed the possibility of not only improving the conditions of people with autoimmune disease, but provided strong suggestion that many of these diseases could be prevented. This bridge created animosity between the two professions because each wanted to maintain autonomy. The fact remains, these "medical" diseases may really be "dental" diseases, and treatment should involve the use of the best that each has to offer. The patient should come first in the thinking behind "First Do No Harm". The second precept should be, "If you have done it, undo it".

Why do I say that so many autoimmune diseases are of dental origin? Let's look at how autoimmune diseases are created. Most of our cells contain a personal license plate called the major histocompatibility complex, or, thankfully, the MHC. This 5 digit code is our personal genetic I.D. number. Our immune systems search all of our 30 trillion cells about three times daily to make sure we have no invaders. A splinter might be an example of an invader. It has no MHC identification code, so the white blood cells attack it, dissolve it, and eliminate it. You are healed.

This problem involving dental materials will focus on mercury for the most part. However, many other dental materials (especially anaerobic bacteria in root canals) can cause the same process to occur. The common "silver colored" filling is really 50% mercury. Mercury comes out of the fillings by compression, as when we eat, by temperature, as drinking or eating hot foods, electrically, because each filling has 5 different metals in an "electrolyte", or solution (like saliva) that conducts electrical current. Fillings are actually small batteries, exuding mercury 24/7. How much? About 34 micrograms per filling per day according to research

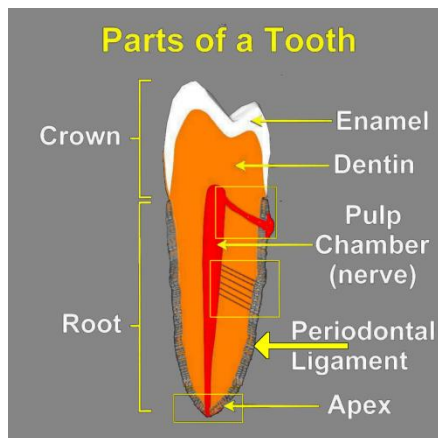
by Dr. Chew (not a dentist) of Singapore. How much mercury does it take to create an autoimmune response in nerve tissue? According to Dr. Louis Chang of the University of Arkansas, one microgram. With the average American containing 8 fillings per person, 8 times 34 equals quite a challenge to our immune systems.

How autoimmune disease develops is seen in the following scenario. An atom of mercury (M) comes off from a filling. It is a vapor, therefore readily goes to the lungs. In the lungs it jumps into the blood stream where it gains access to the entire body. Mercury has a special attraction to the nervous system. Upon finding a nice nerve cell with sulfur molecules in its surface, it attaches to those sulfur molecules. This alters the MHC. No longer is this a “self-cell”, but has become a “non-self” cell with a foreign code, therefore must be destroyed.

Lymphocytes are one of the white blood cells. Its job is to seek out cells that are non-self. Yesterday’s nerve self cell that was 5 digit “S-u-s-a-n”, is now SusanM. Invader. There is so such registered trademark listed in the body. This lymphocyte reaches into its pouch and pulls out a “flag” (some poetic license applied) and plants it on the non-self SusanM cell. Later a neutrophil (called a PMN due to its long given name) swims by, spots its signal to destroy, the flag that is, and engulfs the invader. Engulfing involves a system of sort of swallowing the invader by completely surrounding it, and pulling it into its inner cell core. In the language of immunology, it “phagocytizes” the now-considered foreign cell. Inside the PMN, the invader (in this case a Susan nerve cell with an atom of mercury attached) is attacked by chemicals called enzymes that dissolve the SusanM cell. After being “digested” into little bitty chemical fragments, the former invader is excreted from the PMN white blood cell back into the blood stream for disposal by the kidney and the liver. SusanM, the former Susan nerve cell, is no longer in existence. Susan now has an autoimmune disease. Her PMN’s are destroying her mercury infested nerve cells. Is she doomed? According to today’s policies, yes. According to the “other box”, no. She can be restored.

Is mercury the only villain? Hardly. Many other dental metals (copper, nickel, beryllium, aluminum) can potentially cause the same scene to be played

out. And, a century ago, bacteria living in the “periodontal ligament” were accused of being able to do the same thing. Today’s DNA labeling research of bacteria confirms that the anaerobes are present and living a good life giving us a bad life.



Teeth are not attached directly to bone. Fibers come out of the tooth as well as from the bone, and they intertwine to form this hammock called the periodontal ligament. Dying, dead or root canal teeth produce some of the world’s worst anaerobic (those that survive best in the absence of oxygen) bacteria. These bacteria move to the periodontal ligament where food is readily available, and neither antibiotics nor white blood cells can bother them.

Sometimes one bacterial product can create disease. Examples are measles viruses, polio viruses, Strep pneumonia. This was medicine world of some years ago. One bug, one disease, one drug to cure. Today, it seems that groups of bacteria are joining hands to attack health, along with the assistance of some of the dental toxic metals. This becomes apparent when examining the blood chemistry changes – especially in the immune system – when dental toxins are removed according to a certain protocol. Mess with the protocol, and the bacteria win every time.

However, it is no longer the one on one battle. If we look to the worst disease increase today, which in my opinion is the one called Lou Gehrig’s disease, we see examples of the team effort to create disease. Root canals have been put to

the DNA test, and found to contain as many as 50 Different anaerobic bacteria in ONE tooth site. Primarily, the ligament. Cavitations are holey defects in bone – generally found after wisdom tooth extractions – that are frequently lined with anaerobic bacteria. How many? Ten would be a lot in some cases, but in cases like ALS, our current DNA investigations have found over 50, sometimes over 75 different bacteria housed in just one of these bony defects. How can the body defend itself against so many immune challenges? Answer: it can't.

CONCLUSION

TERF hopes that this exposure will stimulate private individuals from medicine, dentistry and research institutions to join forces to apply for financial grants to identify which groups of bacteria get together to form autoimmune diseases. Why not just stop the use of mercury, and remove the periodontal ligament when removing wisdom teeth and dead or root canal teeth?

It takes only 3 or 4 minutes to remove the ligament after the surgery is completed, and could alleviate much pain and true agony of slow death from autoimmune diseases. Are root canals so financially rewarding that the financial gain supersedes offering a trusting patient a potential of a lifetime of battling an autoimmune disease? Not everyone develops an autoimmune disease from mercury and root canals, but what percentage is acceptable? Autoimmune reactions to one extent or another can be detected in every person with mercury in their mouth, or with root canals. How good is your resistance at your age? Are you going to be older next year? Still as healthy? Your choice.

About Toxic Elements Research Foundation

TERF, a non-profit research foundation, is dedicated to stimulating interest in the research community as well as informing the public to become aware of potential problems associated with dental materials and procedures. Informed

consent of potential problems makes for better informed decisions by the patient – especially where health is at risk.

Contact:

contact@terftalks.com

Web Site:

www.terftalks.com