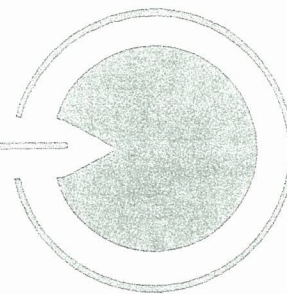


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The Truth About Dental Mercury Implants

Sam Ziff & Michael F. Ziff, D.D.S.

It is apparent that more and more people in the world are becoming aware of the fact that they may be walking around with a "Toxic Time Bomb" in their mouths. We estimate that in the latter part of 1990 alone, 40 million people learned that the "silver" dental fillings in their teeth were really mercury fillings and that they were continuously being exposed to mercury vapor released from these fillings. The dental filling material in question is an amalgam of mercury and a dental alloy composed of silver, copper, zinc, etc. Throughout the 160 years of its use in dentistry it has been referred to by the dental profession as silver, silver amalgam, or just plain amalgam but never, until very recently, as mercury dental fillings. Whatever the name, the final mixture placed in the tooth is 46-52% mercury by weight. Mercury in addition to being the main ingredient of this dental material also happens to be a poison that is more toxic than lead, arsenic or cadmium.

The reason so many people learned about the mercury/silver dental filling controversy during 1990 was simply that the media, i.e., newspaper, radio and television, focused on the subject. The catalyst for all the media attention was two research abstracts released by the University of Calgary Medical School in Canada where extensive animal research on dental mercury is being done.

In August of 1990 two abstracts of animal studies showing pathology caused by mercury/mercury vapor from mercury/silver dental fillings were published. One abstract related to a study that used sheep as the animal model and which demonstrated a 50% impairment of kidney function within 30 days after placement of twelve occlusal mercury fillings in each of the study sheep. The other abstract outlined the

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results of a cooperative study between the University of Georgia at Athens and the University of Calgary investigating the effect of mercury on gingival and gut microflora. In this study, two wild-caught monkeys were utilized as the test animals. Within two weeks after placement of 16 small occlusal mercury fillings in each monkey, both Gram positive and Gram negative intestinal bacteria had become resistant to mercury. A similar mercury resistance was seen in the Gram positive oral flora of one of the monkeys. The significance of bacterial mercury resistance in the gut is two-fold. First mercury resistant bacteria will essentially convert various forms of mercury back into the vapor state thus permitting further reabsorption and secondly, it was found that 80% of the mercury-resistant bacterial strains from these monkeys were also resistant to one or more antibiotics, despite the fact that the monkeys were not exposed to antibiotics in their food or water. Antibiotic resistance