

## Abstract

### "Metal-free Dentistry and Detoxification of Heavy Metals - Impact of Oral Health and the Role of Integrative Dentistry"

- Dr Hansjorg Lammers

Chronic diseases, especially of the type of silent inflammation, are increasing in the 21st century.

More than 75% of patients with long-term symptoms have or have had metals in their mouths that are constantly corroding.

The release of heavy metals from dental materials, the daily exposure to pollutants from air, water and food chain, are increasingly affecting us as humans. Especially the chronically ill can no longer compensate or their genetic detoxification capacity is exhausted.

Heavy metals are methylated by microorganisms, making them barrier-free. As a result, these metal particles can rely on hormone receptors and make connections with human protein called hapten.

The lecture will give an insight look into the Integrative Dentistry. It also describes how metal remediation is carried out using protective measures. Then, with the well-known chelation therapy, which has been used in the USA since 1941, a heavy metal bond must take place.

As chelation therapists, we rid the human body of metal residues and give it back its strength, health and performance.

For this purpose we use so-called "chelating agents", also called "chelates" (derived from the Greek word: "chele" = scissors) as IV tools. These chemical compounds, such as Sodium EDTA, DMPS and DMSO, bind the toxic metals in the body thanks to their chemical structure. They are excreted from the body naturally via the kidneys.

Oral administration may be via liposomal supplements.