No Effect Reports in the Literature

We have also shown that a few published papers which reported no increased release of mercury after MRI, may have severe methodological flaws.
Amalgam Contact Hypersensitivity Lesion: An Unusual Presentation-Report of a Rare Case

Human exposure to electromagnetic fields generated by mobile phones, MRI or X-rays can lead to increased release of mercury from dental amalgam fillings.

Autism: Introducing a Hypothesis

There are some evidence indicating that perinatal exposure to mercury is significantly associated with an increased risk of developmental disorders such as autism spectrum disorders (ASD) and attention-deficit hyperactivity disorder (ADHD).

Furthermore, mercury can decrease the levels of neurotransmitters dopamine, serotonin, norepinephrine, and acetylcholine in the brain and cause neurological problems.

Autism Issue:

On the other hand, a strong positive correlation between maternal and cord blood mercury levels is found in some studies.

Autism Issue:

Maternal exposure to electromagnetic fields in mothers with dental amalgam fillings may cause elevated levels of mercury and trigger the increase in autism rates.

Further studies are needed to have a better understanding of the possible role of the increased mercury level after exposure to electromagnetic fields and the rate of autism spectrum disorders in the offspring.
Autism Issue:
Considering the strong association between exposure to electromagnetic fields and increased mercury release from dental amalgam fillings, it can be hypothesized that maternal exposure to electromagnetic fields in mothers with dental amalgam fillings may cause elevated levels of mercury and possibly trigger the increase in autism rates.

What can we do?

Can we move to mercury free dentistry?

Are There Alternatives to Using Dental Amalgam Fillings?
- Resin composite
- Glass ionomer
- Resin ionomer
- Porcelain
- Gold alloys

Every restorative material has advantages and disadvantages!

REFERENCES


