



ARE METALS MAKING ME SICK?



METAL SENSITIVITY TESTING



NEUROSCIENCE

The Leader in Medical Endo-Invasive Solutions

Self-Quiz Included

How do I find out if I have Metal Sensitivity?

Ask your healthcare practitioner about NeuroScience, Inc.'s Metal Sensitivity testing to learn if you are sensitive to metals.

What can I do if I have Metal Sensitivity?

- **Talk with your healthcare practitioner** about avoiding and removing the metals that are making you sick.
- **Support your immune system.** Take supplements that support your body's natural detoxification system (immune). Supporting a healthy immune system can help your body to process foreign materials more quickly.
- **Test family members** of those who have sensitivities.

Self-Quiz: Circle your responses.

Do you experience headaches or other pain for no obvious reason?	YES	NO
Are you sometimes nervous, sad, or forgetful for no obvious reason?	YES	NO
Have you had dental work done?	YES	NO
Do you or did you have any implants: screws, pacemakers, etc.?	YES	NO
Do you have any tattoos or piercings?	YES	NO
Do you eat a lot of fish and/or seafood?	YES	NO
Do you or have you ever smoked? Have you been/are you exposed to second-hand smoke?	YES	NO
Is your skin sensitive to cosmetics or jewelry?	YES	NO
Have you ever lived close to factories, industrial plants, highways, airports, crematories, or dental offices?	YES	NO
Have you ever used an intra-uterine device (IUD)?	YES	NO
Have you ever experienced a breast biopsy? (Metal biopsy markers are often used.)	YES	NO
Have you ever had a negative response to a vaccine?	YES	NO

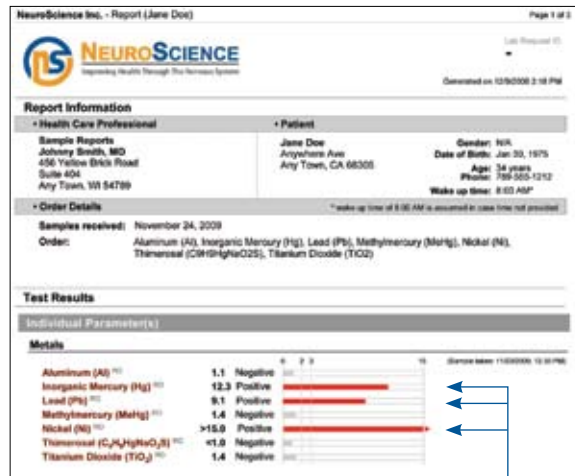
If you circled "YES" to any of the questions, ask your healthcare practitioner about NeuroScience, Inc.'s Metal Sensitivity testing.

The Science Behind the Test

Many different types of cells are involved in immune system responses. When your immune system encounters a foreign substance, so-called Memory T-cells are produced to deal with that specific substance, if encountered again. Because Memory T-cells recognize the foreign substance, upon later encounters, the cells mount a fast and strong attack. This reaction is what creates a sensitivity². Several factors may play a part in why some people develop sensitivities and how severe the reactions are - genetics, environment, and/or stress levels.

The scientific gauge used to report your immune system's reaction to metals is called the Stimulation Index(SI). A high SI value means that your immune system can be expected to react strongly when encountering that metal. Shown below is an example of Metal Sensitivity test results:

Example of Test Results



Explanation of Results

As shown above, this individual is very sensitive to Inorganic Mercury, Lead, and Nickel. If one of your SI values is greater than 3.0, talk to your healthcare practitioner about finding solutions to minimize your exposure and help restore your health.



Sensitivity Testing is Now Available for the Following Metals:

Aluminum	Methylmercury
Arsenic Acid	Molybdenum
Beryllium	Nickel
Cadmium	Palladium
Chromium	Phenylmercury
Cobalt	Platinum
Copper	Silver
Ethylmercury	Thimerosal
Gold	Tin
Inorganic Mercury	Titanium
Lead	Vanadium
Manganese	

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PATIENT RESOURCES:

Cosmetics and Toiletries Database:
www.cosmeticsdatabase.com

Consumer Products Database:
www.healthystuff.org

REFERENCES:

- Centers for Disease Control and Prevention. Agency for Toxic Substances and Disease Registry(ATSDR). Nickel.2010.Access online at www.atsdr.cdc.gov/toxprofiles/tp15.html
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Self-Quiz Included

Over the last 100 years, technological advancements have dramatically increased humans' exposures to metals. Exposure to some of these metals can have dramatic effects on the immune system. As a result, your health is at risk. The identification, avoidance, and removal of the metals will improve your health.

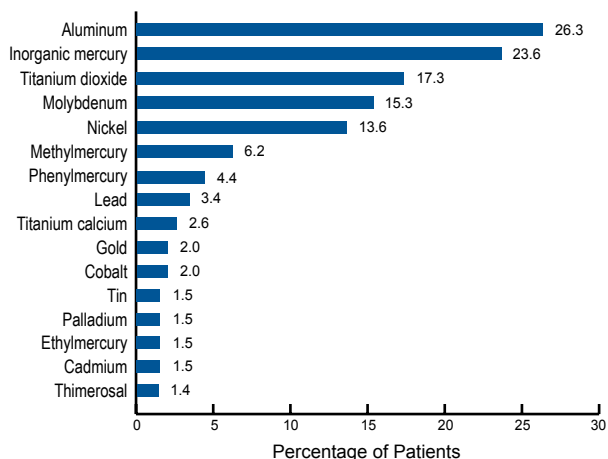
How Can Metal Sensitivity Make Me Sick?

Some people who are sensitive to metals may experience overt symptoms, such as hives or redness. However, there are reactions in the body that occur internally that pose serious long-term consequences. These reactions are not so apparent. Metals are deposited in soft tissues, including muscles, organs, joints, and the brain. The body identifies these metals as foreign and causes an immune response. In people sensitive to metals, the immune system is very reactive which causes inflammation. Inflammation affects your hormones and your nervous system, which can lead to joint and muscle pain as well as conditions including anxiety, depression, and insomnia.

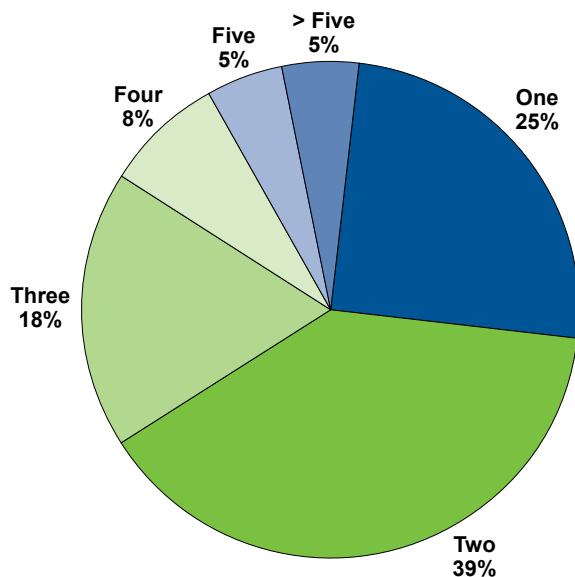
Is Metal Sensitivity Common?

A significant amount of people who would consider themselves healthy are sensitive to Nickel, Aluminum, and Inorganic Mercury.^{1,2} However, among people who are experiencing symptoms, the prevalence of Metal Sensitivity is much higher. Most of these individuals are sensitive to more than one metal.³

Most Common Metal Sensitivities in Patients with Symptoms²



75% of People with Metal Sensitivities are Sensitive to More than One Metal³



How Am I Being Exposed to Metals?

While some sources of metal exposure, such as jewelry, are obvious, others are not. Below is a list of sources of metal exposure.

Nickel	Body piercings Jewelry Watchbands Zippers Snaps Hooks Buckles Keys Intrauterine devices (IUDs) Orthopedic products including screws, pins, clips, and braces.	Pens Eye glass frames Kitchen utensils Breast implants Coins Some foods/wines Smoking
Mercury	Dental work Vaccines Fish	
Titanium	Orthopedic implants and pacemakers Rings Medicines Cosmetics Candy coatings	
Aluminum	Medicines Canned food Soft drink cans	
Lead	Paint Pipes Contaminated foods Fishing lures Ammunition Wine	

Are You Suffering From Any of the Following Symptoms or Diagnosis?

Physical	
Muscle Spasms	Poor Balance
Headaches	Eczema
Asthma	Cancer
Joint or Muscle Pain	
Chronic Illness or Infections	
Multiple Sclerosis (MS)	
Rheumatoid Arthritis (RA)	
Irritable Bowel Syndrome (IBS)	
Other Autoimmune Diseases	
Chronic Fatigue Syndrome (CFS)	
Fibromyalgia (FM)	
Mental	
Poor Memory	Anxiety
Insomnia	Mood Swings
Irritability	Depression
Autism or Pervasive Developmental Disorders (PDD)	

If you have any of the symptoms and/or conditions listed above, ask your healthcare practitioner if Metal Sensitivity testing is right for you!

Complete your self-quiz!
(on back)

After sources of Metal Sensitivity were removed, 71% of patients felt better.⁴