

Heavy Metals and its Relation to Childhood Disorders: Is Your Toddler Toxic?

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It is devastating enough to consider the body burden being carried by adults in this increasingly polluted world but to even consider that your child is carrying a substantially heavier load of toxins than yourself is difficult to acknowledge. Belief would require action.

The purpose of this article is to provide a general overview of heavy metal and chemical exposure notable in infants, toddlers and children and the resulting toxic overload they are forced to carry. It is information every parent, pregnant woman or woman thinking about becoming pregnant should fully understand. However, I will tell you in advance that I have recently discovered a natural health supplement that is elegant in its simplicity, effectiveness and ease of application. It involves a recently introduced product that works as a heavy metal detoxifier, completely safe for all ages, including infants. It is positioned to become one of the most important nutritional therapies of this new century capable of having a profound effect on our children's health. The name of this unique new product is Natural Cellular Defense, brought to market in August 2005 by the company of Waiora.

Although there have been products capable of removing heavy metals from the body in the past, there were risks involved, such as the possibility of doing damage to the kidneys in the process. Additionally, lighter metals such as calcium and essential minerals would be removed as well, requiring the individual to over-compensate with increased supplementation that was difficult to measure and effectively isolate the toxins. However, Natural Cellular Defense is a very effective system that never causes damage to the kidneys and has no affinity whatsoever for the lighter, essential minerals, such as calcium. It also has the ability to remove a variety of chemicals and pesticides, not just heavy metals. Natural Cellular Defense also has a strong impact on regulating the immune system, balancing pH levels and suppressing tumors. Best of all it is completely safe. However, you do need to make sure the individual stays well hydrated so that the toxins can effectively pass through the body.

WHY CHILDREN ARE AT A GREATER RISK TO TOXIC OVERLOAD.

It is easy enough to understand that a body, substantially smaller than our own, would inevitably react more strongly to the same amount of toxins. Coupled with rapid development, an infant or child is extremely vulnerable to environmental interference and their normal behavioral patterns put them at a higher risk. During the first months and years of life, children's organs are developing rapidly, making them more prone to functional damage. The nervous system continues to develop throughout childhood and therefore is especially vulnerable to toxic chemicals in their personal environment as well as food and water. And just like their young bodies more readily absorb nutrients, they also readily absorb toxins.

In that first year of life, a child's ability to metabolize, detoxify, and excrete toxins differs substantially from that of an adult. Children also may be more susceptible to some toxins because their liver and kidneys are not fully mature and cannot detoxify and excrete harmful substances as readily as adults.

THE DANGERS OF LEAD POISONING

Children in particular are susceptible to lead poisoning because it can accumulate in their nervous system as their bodies grow and develop. Although death by lead poisoning is uncommon, dangerous levels of lead in children may cause serious health problems, including lowered intelligence and poor school performance. According to the most recent CDC estimates, more than 400,000 children ages 1 to 5 years living in the United States have levels of lead in their bodies high enough to cause concern. When lead was used in our gasoline, it is estimated that over 68 million children were exposed to toxic levels of lead. Its toxic legacy continues to affect us even today.

MERCURY AND ITS AFFECT ON CHILDREN

Mercury is a potent neurotoxin which is highly damaging to the brain and nervous system. Exposure can hurt the child's ability to concentrate it can affect their language skills, socialization skills, hand to eye coordination and even their vision. Exposure to low levels of mercury can permanently damage the brain and nervous system and cause behavioral changes. You should also note that mercury is a persistent bioaccumulative neurotoxin which means it does not break down naturally. Although the government has been actively trying to prevent studies that link thimerosal used in vaccines to the increased incidences of autism, the connection is too strong to deny any more.

The number of cases involving childhood disorders such as autism, ADD, ADHD, and certain types of cancers, has been rising steadily and these conditions have all been linked to high levels of toxicity. This is not to discount the genetic predisposition for these conditions but rather to make you aware that early toxic overload plays a part in triggering this condition.

TOXICITY AND ITS AFFECT ON FETAL DEVELOPMENT

The National Academy of Sciences in July of 2000 filed a report establishing the risk of mercury exposure to fetal development is so great that at least 60,000 newborns each year could be at risk for learning and developmental problems from mercury exposure. In fact, one in 12 women of childbearing age in the U.S. have more mercury in the body than the Environmental Protection Agency considers safe for a fetus's development, according to the latest data from the Center for Disease Control.

In a study spearheaded by the Environmental Working Group (EWG) in collaboration with Commonwealth, researchers at two major laboratories found an average of 200 industrial chemicals and pollutants in umbilical cord blood from 10 babies born in August and September of 2004 in U.S. hospitals. Tests revealed a total of 287 chemicals in the group. The umbilical cord blood of these 10 children, collected by Red Cross after the cord was cut, harbored pesticides, consumer product ingredients, and wastes from burning coal, gasoline, and garbage.

TOXICITY TEST RESULTS OF THREE CHILDREN

The following test results are provided as a way of demonstrating that your child could indeed have high levels of toxicity. I encourage you to visit for information on available testing.

This information was provided to me by an acquaintance who became concerned that his children suffered from higher than normal toxicity levels. To put the numbers in perspective, this family consumes organic food and the children were never vaccinated. The test procedure was performed immunoassay. The toxicity level was determined by a formula measuring metals in circulation (saliva), and being eliminated (urine).

Children's ages are 7, 9 and 12 . Summary as follows:

Heavy Metals Tests: Pre and Post Waiora Natural Cellular Defense product:

12-13-2005

Each sample was tested for Aluminum, Mercury, Lead, Cadmium, and Arsenic.

A simple number pattern was used because this is not an official study. The simple number pattern is:

0 - zero levels of this metal

5 - Abnormally high levels of this metal

10 - Could be lethal or very harmful levels of this metal

Samples Before: 11-14-2005

Samples After: 12-5-2005

Time on NCD: 21 days

Child#1 (age 7)

Aluminum: Before NCD 7 - After NCD 3 Mercury: Before NCD 6 - After NCD 3 Lead: Before NCD 5 - After NCD 2
Cadmium: Before NCD 4 - After NCD 2 Arsenic: Before NCD 3 - After NCD 0.

Child#2 (age 9)

Aluminum: Before NCD 6 - After NCD 2 Mercury: Before NCD 6 - After NCD 2 Lead: Before NCD 7 - After NCD 2
Cadmium: Before NCD 3 - After NCD 0 Arsenic: Before NCD 3 - After NCD 0.

Child#3 (age 12)

Aluminum: Before NCD 6 - After NCD 2 Mercury: Before NCD 7 - After NCD 3 Mercury: Before NCD 5 - After NCD 1 Lead: Before NCD 7 - After NCD 1 Cadmium: Before NCD 4 - After NCD 2 Arsenic: Before NCD 5 - After NCD 5.

FINDING A WORKABLE SOLUTION

Although the statistics on childhood toxicity on the surface appear daunting and the need to get a handle on our exposure to toxic chemicals urgent, we should remember that for every problem there is a solution. Without a doubt our industrial nation needs to take responsibility for their actions and to that end, governmental agencies need to do a better job at enforcing this responsibility. We need to find an alternative to mercury based vaccinations. Parents should do their best to limit exposure. Additionally, it is increasingly important for women wishing to become pregnant to engage in a detoxification program before trying to conceive and to that end, Natural Cellular Defense could be of great assistance. Most importantly, we must help our children already damaged by pollutants and chemicals by providing them with a serious and workable detoxification program. Natural Cellular Defense is a product that offers one very important and viable solution to toxic overload.