

Clean Water Is Crucial to a Child's Development

Other than just being smaller, children's bodies are really quite different than those of adults.

Because many of the crucial defense systems that help protect adults from disease are not fully developed in children, they are much more sensitive to carcinogens, [lead](#) and water-borne parasites than adults. Just as medications and other chemical compounds affect children differently than adults, so do contaminants in the air, drinking water and food supply. Unfortunately there is little we can do about toxins in the air or chemicals in food, which only makes the purity of water even more important. **Water is the body's only way to flush out these toxins**, and the purer the water is to start with, the higher its capacity is to collect and cleanse these harmful compounds from the body. Pure water helps children's defenses grow stronger and perform better; giving them the protection they need during those fragile developing years.

Children's immune and detoxification systems are still developing into and throughout their early teens. Exposure to trace levels of [chlorine](#), toxic chemicals and [lead](#) in drinking water during childhood years has been linked to increased risk of diseases and learning disorders in later years. A recent Baltimore study showed that children with high blood-lead levels exhibit a significantly higher rate of problem behaviors than children with low blood-lead levels. This study lends support to the belief that undue exposure to lead in childhood years may have a pervasive influence on the prevalence of juvenile delinquency in this country.

A mixture of chemicals such as [chlorine](#), [lead](#), herbicides, pesticides and a host of other contaminants is commonly found in the water supply, and in many bottled waters. These trace levels of water-borne chemicals have been documented to have adverse health effects on humans, and especially on small children.

Unfortunately the health standards that determine how much of these toxins are permitted in our drinking water and at what levels are all based on the potential effects on adults. These Maximum Contaminant Levels (MCLs) are also based on the false assumption that we are exposed to only one chemical at a time. Commonly traces of several dozen different toxic chemicals are found in tap water.

A recent report by the Environmental Working Group, called "Into the Mouths of Babes", found that of 29 Mid western cities tested, all had at least one agricultural chemical present in a single glass of water, and most had five or more! The report also points out that 45,000 mothers in these 29 cities were unknowingly making infant formula with tap water containing three or more toxic chemicals.

Often there are outbreaks of **chlorine-resistant** parasites like [cryptosporidium](#) and Giardia in city water supplies, as was the case recently in Milwaukee, when over 100 people died and 400,000 became sick in less than a month, mostly children and the elderly, when the water system became contaminated with [cryptosporidium](#). This intestinal parasite causes flu-like symptoms, and can be fatal to small children and older adults... **and is not controlled by [chlorine](#).**

Cases of childhood asthma, cancer, leukemia and immune disorders have all risen in the last decade. Many experts and studies suggest that this is partially due to children's increased exposure to environmental toxins and their decreased ability to detoxify. Water plays a major role in children's exposure to toxins and in the ability of their bodies to get rid of them.

Children ingest three times as much water per pound of body weight than adults do, so they get a bigger dose of the chemicals in their water, and their developing bodies are simply much more sensitive to the harsh effects...

An increased intake of clean, healthy water is one of the easiest and best ways to help promote good health for our children.

Childhood asthma and many other illnesses have been directly linked to children's level of exposure to [chlorine](#) and other chemicals from drinking and showering with tap water. Home water filtration products are a great investment in the health of our families.

Aquasana gives peace of mind... the highest quality water, less than 10¢ a gallon... guaranteed!