

Understand The Reason Why...

Aluminum Is in Our Vaccines

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About the author

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[Vaccines](#) are one of the most sensitive topics in the health care debate.

Many people swear by them and credit vaccines with putting an end to childhood infectious diseases. Others are strongly concerned about the growing number of vaccines on the market today and about legislative policies that would enforce vaccines upon the public.

The most important things to understand: What exactly is in a vaccine and how does it work?

Aluminum Hydroxide

This form of aluminum is a protoplasmic poison and a potent neurotoxin that is completely unnatural to the biochemical process of any life form on earth.

The American Academy of Pediatrics has stated that aluminum is now being implicated as interfering with a variety of cellular and metabolic processes in the nervous system and other tissues.

Aluminum toxicity is known to cause encephalitis, bone disease and anemia.

[Aluminum hydroxide](#) is used in vaccines to increase the body's production of antibodies, though *no one knows how it works,* says Purdue researcher Stanley Hem, professor of industrial and physical pharmacy.

Antigens are protein molecules that stimulate the immune system.

Antibodies are protein molecules made by the immune system to defend against foreign substances. In the 1930's vaccine researchers tested a number of ingredients to see what would effectively bring antigens into the body so the immune system of the individual would produce antibodies.

Aluminum was proved to be an effective adjuvant or substance that irritates the immune system and causes antibody production.

The FDA limits the dosage to 0.85 mg of aluminum per vaccine to minimize exposure. Children following normal vaccine protocols receive up to 3.75-4 mg of aluminum in the first 6 months of life. The kidneys normally eliminate aluminum from the body. People with strong, healthy kidneys should be able to excrete the aluminum in vaccines.

Most research has shown that about 50% of aluminum in vaccines or food is eliminated within 24 hours and 85% is eliminated in 2 weeks. However, infants have reduced renal function and may not be able to excrete ample amounts. Kidney function is very low at birth and does not

reach maturity until 1-2 years of age.

A 1992 study showed that aluminum based vaccine injected into mice caused a transient rise in brain tissue aluminum levels that peaked around the 2nd -3rd day after injection. This is particularly concerning because aluminum does its greatest damage in the brain. This study showed that it is possible for aluminum to cross over the blood brain barrier and lodge into areas of the brain.

A 1997 study published in the *New England Journal of Medicine* showed that premature babies injected with aluminum build up toxic levels in the bones, blood, & brain. This aluminum toxicity can lead to very serious mental handicaps by 18 months of age.

Aluminum is found in the following vaccines:

- DTP
- Haemophilus Influenzae
- Pneumococcal
- Hepatitis A
- Hepatitis B
- Human Papillomavirus
- Anthrax
- Rabies

A 2004 article published by the FDA states,

'Research indicates that patients with impaired kidney function including premature neonates who receive aluminum at greater rates than 4-5 mcg per kilogram of body weight per day accumulate aluminum at levels associated with central nervous system and bone toxicity.'

Based on these FDA toxicity thresholds *a 6 lb baby could not handle more than 11-14 mcg of aluminum.*

The Hepatitis B vaccine, which is given at birth, contains 250 mcg, which is 20x the toxicity threshold. Average babies weigh close to 12 lbs at 2 months of age when they are injected with 1,225 mcg of aluminum in their vaccines - which is *50 times the toxicity threshold*.