

<p>Vaccine Excipient & Media Summary, Part 2 Excipients Included in U.S. Vaccines, by Vaccine Includes vaccine ingredients (e.g., adjuvants and preservatives) as well as substances used during the manufacturing process, including vaccine-production media, that are removed from the final product and present only in trace quantities. In addition to the substances listed, most vaccines contain Sodium Chloride (table salt). Vaccine</p>	<p>Contains</p>
Anthrax (BioThrax)	Aluminum Hydroxide, Amino Acids, Benzethonium Chloride, Formaldehyde or Formalin, Inorganic Salts and Sugars, Vitamins
BCG (Tice)	Asparagine, Citric Acid, Lactose, Glycerin, Iron Ammonium Citrate, Magnesium Sulfate, Potassium Phosphate
DTaP (Daptacel)	Aluminum Phosphate, Ammonium Sulfate, Casamino Acid, Dimethyl-beta-cyclodextrin, Formaldehyde or Formalin, Glutaraldehyde, 2-Phenoxyethanol
DTaP (Infanrix)	Aluminum Hydroxide, Bovine Extract, Formaldehyde or Formalin, Glutaraldehyde, 2-Phenoxyethanol, Polysorbate 80
DTaP (Tripedia)	Aluminum Potassium Sulfate, Ammonium Sulfate, Bovine Extract, Formaldehyde or Formalin, Gelatin, Polysorbate 80, Sodium Phosphate, Thimerosal*
DTaP/Hib (TriHIBit)	Aluminum Potassium Sulfate, Ammonium Sulfate, Bovine Extract, Formaldehyde or Formalin, Gelatin, Polysorbate 80, Sucrose, Thimerosal*
DTaP-IPV (Kinrix)	Aluminum Hydroxide, Bovine Extract, Formaldehyde, Lactalbumin Hydrolysate, Monkey Kidney Tissue, Neomycin Sulfate, Polymyxin B, Polysorbate 80
DTaP-HepB-IPV (Pediatrix)	Aluminum Hydroxide, Aluminum Phosphate, Bovine Protein, Lactalbumin Hydrolysate, Formaldehyde or Formalin, Glutaraldehyde, Monkey Kidney Tissue, Neomycin, 2-Phenoxyethanol, Polymyxin B, Polysorbate 80, Yeast Protein
DtaP-IPV/Hib (Pentacel)	Aluminum Phosphate, Bovine Serum Albumin, Formaldehyde, Glutaraldehyde, MRC-5 DNA and Cellular Protein, Neomycin, Polymyxin B Sulfate, Polysorbate 80, 2-Phenoxyethanol,
DT (sanofi)	Aluminum Potassium Sulfate, Bovine Extract, Formaldehyde or Formalin, Thimerosal (multi-dose) or Thimerosal* (single-dose)
DT (Massachusetts)	Aluminum Hydroxide, Formaldehyde or Formalin
Hib (ACTHib)	Ammonium Sulfate, Formaldehyde or Formalin, Sucrose
Hib (Hiberix)	Formaldehyde or Formalin, Lactose
Hib (PevaxHib)	Aluminum Hydroxyphosphate Sulfate
Hib/Hep B (Comvax)	Amino Acids, Aluminum Hydroxyphosphate Sulfate, Dextrose, Formaldehyde or Formalin, Mineral Salts, Sodium Borate, Soy Peptone, Yeast Protein
Hep A (Havrix)	Aluminum Hydroxide, Amino Acids, Formaldehyde or Formalin, MRC-5 Cellular Protein, Neomycin Sulfate, 2-

	Phenoxyethanol, Phosphate Buffers, Polysorbate
Hep A (Vaqta)	Aluminum Hydroxyphosphate Sulfate, Bovine Albumin or Serum, DNA, Formaldehyde or Formalin, MRC-5 Cellular Protein, Sodium Borate
Hep B (Engerix-B)	Aluminum Hydroxide, Phosphate Buffers, Thimerosal*, Yeast Protein
Vaccine	Contains
Hep B (Recombivax)	Aluminum Hydroxyphosphate Sulfate, Amino Acids, Dextrose, Formaldehyde or Formalin, Mineral Salts, Potassium Aluminum Sulfate, Soy Peptone, Yeast Protein
HepA/HepB (Twinrix)	Aluminum Hydroxide, Aluminum Phosphate, Amino Acids, Dextrose, Formaldehyde or Formalin, Inorganic Salts, MRC-5 Cellular Protein, Neomycin Sulfate, 2-Phenoxyethanol, Phosphate Buffers, Polysorbate 20, Thimerosal*, Vitamins, Yeast Protein
Human Papillomavirus (HPV) (Cerverix)	3-O-desacyl-4'-monophosphoryl lipid A (MPL), Aluminum Hydroxide, Amino Acids, Insect Cell Protein, Mineral Salts, Sodium Dihydrogen Phosphate Dihydrate, Vitamins
Human Papillomavirus (HPV) (Gardasil)	Amino Acids, Amorphous Aluminum Hydroxyphosphate Sulfate, Carbohydrates, L-histidine, Mineral Salts, Polysorbate 80, Sodium Borate, Vitamins
Influenza (Afluria)	Beta-Propiolactone, Calcium Chloride, Neomycin, Ovalbumin, Polymyxin B, Potassium Chloride, Potassium Phosphate, Sodium Phosphate, Sodium T aurodeoxychoalate
Influenza (Agriflu)	Cetyltrimethylammonium Bromide (CTAB), Egg Protein, Formaldehyde or Formalin, Kanamycin, Neomycin Sulfate, Polysorbate 80
Influenza (Fluarix)	Egg Albumin (Ovalbumin), Egg Protein, Formaldehyde or Formalin, Gentamicin, Hydrocortisone, Octoxynol-10, α -Tocopheryl Hydrogen Succinate, Polysorbate 80, Sodium Deoxycholate, Sodium Phosphate, Thimerosal*
Influenza (Flulaval)	Egg Albumin (Ovalbumin), Egg Protein, Formaldehyde or Formalin, Sodium Deoxycholate, Phosphate Buffers, Thimerosal
Influenza (Fluvirin)	Beta-Propiolactone , Egg Protein, Neomycin, Polymyxin B, Polyoxyethylene 9-10 Nonyl Phenol (Triton N-101, Octoxynol 9), Thimerosal (multidose containers), Thimerosal* (single-dose syringes)
Influenza (Fluzone)	Egg Protein, Formaldehyde or Formalin, Gelatin, Octoxinol-9 (Triton X-100), Thimerosal (multidose containers)
Influenza (FluMist)	Chick Kidney Cells, Egg Protein, Gentamicin Sulfate, Monosodium Glutamate, Sucrose Phosphate Glutamate Buffer
IPV (Ipol)	Calf Serum Protein, Formaldehyde or Formalin, Monkey Kidney Tissue, Neomycin, 2-Phenoxyethanol, Polymyxin B, Streptomycin,
Japanese Encephalitis (JE-V ax)	Formaldehyde or Formalin, Gelatin, Mouse Serum Protein, Polysorbate 80, Thimerosal
Japanese Encephalitis (Ixiaro)	Aluminum Hydroxide, Bovine Serum Albumin, Formaldehyde, Protamine Sulfate, Sodium Metabisulphite
Meningococcal (Menactra)	Formaldehyde or Formalin, Phosphate Buffers

Meningococcal (Menomune)	Lactose, Thimerosal (10-dose vials only)
Meningococcal (Menveo)	Amino Acid, Formaldehyde or Formalin, Yeast
MMR (MMR-II)	Amino Acid, Bovine Albumin or Serum, Chick Embryo Fibroblasts, Human Serum Albumin, Gelatin, Glutamate, Neomycin, Phosphate Buffers, Sorbitol, Sucrose, Vitamins
Vaccine	Contains
MMRV (ProQuad)	Bovine Albumin or Serum, Gelatin, Human Serum Albumin, Monosodium L-glutamate, MRC-5 Cellular Protein, Neomycin, Sodium Phosphate Dibasic, Sodium Bicarbonate, Sorbitol, Sucrose, Potassium Phosphate Monobasic, Potassium Chloride, Potassium Phosphate Dibasic
Pneumococcal (Pneumovax)	Bovine Protein, Phenol
Pneumococcal (Prevnar)	Aluminum Phosphate, Amino Acid, Soy Peptone, Yeast Extract
Pneumococcal (Prevnar 13)	Aluminum Phosphate, Amino Acid, Polysorbate 80, Soy Peptone, Succinate Buffer, Yeast Extract
Rabies (Imovax)	Human Serum Albumin, Beta-Propiolactone, MRC-5 Cellular Protein, Neomycin, Phenol Red (Phenolsulfonphthalein), Vitamins
Rabies (RabAvert)	Amphotericin B, Beta-Propiolactone, Bovine Albumin or Serum, Chicken Protein, Chlortetracycline, Egg Albumin (Ovalbumin), Ethylenediamine-Tetraacetic Acid Sodium (EDTA), Neomycin, Potassium Glutamate
Rotavirus (RotaTeq)	Cell Culture Media, Fetal Bovine Serum, Sodium Citrate, Sodium Phosphate Monobasic Monohydrate, Sodium Hydroxide Sucrose, Polysorbate 80
Rotavirus (Rotarix)	Amino Acids, Calcium Carbonate, Calcium Chloride, D-glucose, Dextran, Ferric (III) Nitrate, L-cystine, L-tyrosine, Magnesium Sulfate, Phenol Red, Potassium Chloride, Sodium Hydrogenocarbonate, Sodium Phosphate, Sodium L-glutamine, Sodium Pyruvate, Sorbitol, Sucrose, Vitamins, Xanthan
Td (Decavac)	Aluminum Potassium Sulfate, Bovine Extract, Formaldehyde or Formalin, 2-Phenoxyethanol, Peptone, Thimerosal*
Td (Massachusetts)	Aluminum Hydroxide, Aluminum Phosphate, Formaldehyde or Formalin, Thimerosal (some multidose containers)
Tdap (Adacel)	Aluminum Phosphate, Formaldehyde or Formalin, Glutaraldehyde, 2-Phenoxyethanol
Tdap (Boostrix)	Aluminum Hydroxide, Bovine Extract, Formaldehyde or Formalin, Glutaraldehyde, Polysorbate 80
Typhoid (inactivated – Typhim Vi)	Disodium Phosphate, Monosodium Phosphate, Phenol, Polydimethylsiloxane, Hexadecyltrimethylammonium Bromide
Typhoid (oral – Ty21a)	Amino Acids, Ascorbic Acid, Bovine Protein, Casein, Dextrose, Galactose, Gelatin, Lactose, Magnesium Stearate, Sucrose, Yeast Extract
Vaccinia (ACAM2000)	Glycerin, Human Serum Albumin, Mannitol, Monkey Kidney Cells, Neomycin, Phenol, Polymyxin B
Varicella (Varivax)	Bovine Albumin or Serum, Ethylenediamine-Tetraacetic Acid Sodium (EDTA), Gelatin, Monosodium L-Glutamate,

	MRC-5 DNA and Cellular Protein, Neomycin, Potassium Chloride, Potassium Phosphate Monobasic, Sodium Phosphate Monobasic, Sucrose
Yellow Fever (YF-Vax)	Egg Protein, Gelatin, Sorbitol
Zoster (Zostavax)	Bovine Calf Serum, Hydrolyzed Porcine Gelatin, Monosodium L-glutamate, MRC-5 DNA and Cellular Protein, Neomycin, Potassium Phosphate Monobasic, Potassium Chloride, Sodium Phosphate Dibasic, Sucrose

March 2010

Where “thimerosal” is marked with an asterisk () it indicates that the product should be considered equivalent to thimerosal-free products. This vaccine may contain trace amounts (<0.3 mcg) of mercury left after post-production thimerosal removal, but these amounts have no biological effect. *JAMA* 1999;282(18) and *JAMA* 2000;283(16)

Adapted from Grabenstein JD. *ImmunoFacts: Vaccines & Immunologic Drugs*. St. Louis, MO: Wolters Kluwer Health Inc.; 2009 and individual products’ package inserts.

All reasonable efforts have been made to ensure the accuracy of this information, but manufacturers may change product contents before that information is reflected here.

So what does the above document mean?

To find out the question to that, let’s dissect just a few of the ingredients on the list.

Aluminum:

This can also be found on [Dr. Sears’ website](#) - Dr. Robert Sears has become famous for his countless hours of research dedicated to vaccines. He is well known for his book: “The Vaccine Book.”

Aluminum is present in many things around us. It’s in food, air, water, and soil and is said to be harmless when swallowed because it doesn’t absorb into the body when consumed. Aluminum is put into vaccines as an [adjuvant](#) to help them “work better” or to “enhance” them. So what is the concern about injecting aluminum into the blood stream?

According to the FDA:

“Aluminum may reach toxic levels with prolonged parenteral administration [this means injected into the body] if kidney function is impaired . . . Research indicates that patients with impaired kidney function, including premature neonates [babies], who received parenteral levels of aluminum at greater than 4 to 5 micrograms per kilogram of body weight per day, accumulate aluminum at levels associated with central nervous system and bone toxicity [for a tiny

newborn, this toxic dose would be 10 to 20 micrograms, and for an adult it would be about 350 micrograms]. Tissue loading may occur at even lower rates of administration.” [Department of Health and Human Services, Food and Drug Administration, Document NDA 19-626/S-019, Federal Food, Drug and Cosmetic Act for Dextrose Injections.]

And also:

”Aluminum content in parenteral drug products could result in a toxic accumulation of aluminum in individuals receiving TPN therapy. Research indicates that neonates [newborns] and patient populations with impaired kidney function may be at high risk of exposure to unsafe amounts of aluminum. Studies show that aluminum may accumulate in the bone, urine, and plasma of infants receiving TPN. Many drug products used in parenteral therapy [injections] may contain levels of aluminum sufficiently high to cause clinical manifestations [symptoms] . . . parenteral aluminum bypasses the protective mechanism of the GI tract and aluminum circulates and is deposited in human tissues. Aluminum toxicity is difficult to identify in infants because few reliable techniques are available to evaluate bone metabolism in . . . infants . . . Although aluminum toxicity is not commonly detected clinically, it can be serious in selected patient populations, such as neonates [newborns], and may be more common than is recognized.” [Department of Health and Human Services, Food and Drug Administration, Document 02N-0496, Aluminum in Large and Small Volume Parenterals Used in Total Parenteral Nutrition. Available online at: <http://www.fda.gov/ohrms/dockets/98fr/oc0367.pdf>]

So basically from those documents we learn that if a premature baby receives more than 10 mcg of aluminum in an IV, it can accumulate in their bones and brain, and can be toxic.

The FDA maximum requirements for aluminum received in an IV is 25 mcg per day. The suggested aluminum per kg of weight to give to a person is up to 5mcg. (so a 5 pounds baby should get no more than 11mcg of aluminum.) Anything that has more than 25 mcg of aluminum is *supposed* to have a label that says:

WARNING: This product contains aluminum that may be toxic. Aluminum may reach toxic levels with prolonged parenteral administration if kidney function is impaired. Premature neonates are particularly at risk because their kidneys are immature, and they require large amounts of calcium and phosphate solutions, which contain aluminum.

Research indicates that patients with impaired kidney function, including premature neonates, who receive parenteral levels of aluminum at greater than 4 to 5 [micro]g/kg/day accumulate aluminum at levels associated with central nervous system and bone toxicity. Tissue loading may occur at even lower rates of administration. [<http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cf/cfr/CFRSearch.cfm?fr=201.323>]

– Vaccines, for some reason, are not required to have this label and also are not required to follow the maximum dosage of 25 mcg.

So doing some math — the following are examples of weight with their corresponding maximum levels of aluminum, per the FDA:

8 pound, healthy baby: 18.16 mcg of aluminum

15 pound, healthy baby: 34.05 mcg of aluminum

30 pound, healthy toddler: 68.1 mcg of aluminum

50 pound, healthy child: 113 mcg of aluminum

150 pound adult: 340.5 mcg of aluminum

350 pound adult: 794.5 mcg of aluminum

So how much aluminum is in the vaccines that are routinely given to children?

- Hib (PedVaxHib brand only) – 225 mcg per shot
- Hepatitis B – 250 mcg
- DTaP – depending on the manufacturer, ranges from 170 to 625 mcg
- Pneumococcus – 125 mcg

- Hepatitis A – 250 mcg
- HPV – 225 mcg
- Pentacel (DTaP, HIB and Polio combo vaccine) – 330 mcg
- Pediarix (DTaP, Hep B and Polio combo vaccine) – 850 mcg

At birth, most children are given the hepatitis B vaccination. The amount of aluminum in the Hepatitis B vaccine alone is almost **14 TIMES THE AMOUNT OF ALUMINUM THAT IS FDA-APPROVED.**

At well-child check-ups, it's common for 2 month, 4 month, 6 month etc., appointments to include up to 8 vaccinations that add up to more than 1,000 mcg of aluminum. Look at the chart above and notice that that amount isn't even safe for a 350 pound adult. And many children get up to 8 vaccinations a visit several times a year!

According to the FDA and the AAP (American Academy of Pediatrics), what happens if a child receives more than the maximum required dose of aluminum?

- Aluminum builds up in the bones and brain and can be toxic.
- Aluminum can cause neurological harm.
- Aluminum overdose can be fatal in patients with weak kidney's or kidney disorders or in premature babies. (How many children are tested to see if their kidney's are functioning properly before they are vaccinated? Could this also be why the Hepatitis B shot, given to infants at birth, has been linked to SIDS? [Neonatal Deaths After Hep B vaccination.](#))

[Aluminum Toxicity in Infants and Children, Committee on Nutrition, American Academy of Pediatrics, Pediatrics Volume 97, Number 3 March, 1996, pp. 413-416]

Amino Acids and Proteins (Albumin is also a type of protein):

What are amino acids? Put simply, amino acids are the building blocks of proteins in our bodies and they make up over 3/4 of the human body. There are 20 amino acids found naturally in the body and 8 that are considered "essential" for humans because our bodies cannot create them naturally, and therefore must be taken into our bodies by diet. (This becomes a *great* selling point for certain diets or food products).

So injecting amino acids into the body by way of vaccination is good, yes? Wrong.

- Vaccines are called antigens — “A toxin or other foreign substance that induces an immune response in the body, especially the production of antibodies.” Antigens are made from foreign proteins. These foreign proteins are produced from animals (like cows, monkey’s and chickens) and also humans (human cells from aborted fetuses.)
- Foreign proteins (in order to be beneficial to the body) need to first be digested in the GI tract. Protein is broken down into amino acids during the digestion process.

“When we eat protein it is broken down into its constituent amino acids...if a foreign animal protein makes it into our bloodstream without having being broken down this can set up an autoimmune type response...By injecting things never meant to be in the body we are not only bypassing body defenses but wrongly activating other defenses.” — Dr. Robyn Crosford

So what’s the outcome if you inject amino acids and/or foreign animal and human protein into the body instead of first digesting the proteins to make amino acids naturally?

- **Auto-immune disorders like** Addison’s disease, celiac disease – sprue (gluten-sensitive enteropathy), dermatomyositis, Graves disease, Hashimoto’s thyroiditis, multiple sclerosis, myasthenia gravis, pernicious anemia, reactive arthritis, rheumatoid arthritis, Sjogren syndrome, systemic lupus erythematosus, type I diabetes etc.
- **Food allergies or food sensitivities associated with eggs, gluten, peanuts, milk, etc.**

Formaldehyde (or Formalin):

I personally became aware of what formaldehyde is most commonly used for by our local mortician several years ago. After my son died, we met with the funeral directors to begin planning our son’s funeral. During our grief-ridden conversations, we came to the conclusion that we needed to wait a week to have the funeral. My father-in-law had graciously offered to make his [casket from scratch](#), and that takes time (the project ended up including all of my

brother's-in-laws and sister's-in-law, my dad, my brother, my mom, and my mother-in-law). Knowing the time constraints from death to burial, (or at least what I thought I knew) I thought this might be an issue. The funeral director (also the head mortician) assured us it would not be a problem because the formalin used in the embalming process would preserve his precious little body so that we wouldn't need to worry about the concern of waiting a week. **“What’s Formalin?”** I asked? **“Formaldehyde,”** he answered. When I learned that Formaldehyde was an ingredient in vaccines, it made me a little sick to my stomach.

Formalin is an aqueous, or watery, form of Formaldehyde.

- Formaldehyde is **toxic and is known to cause cancer**. The International Agency for Research on Cancer (IARC) classifies formaldehyde as a **human carcinogen** [International Agency for Research on Cancer (June 2004). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 88 (2006): Formaldehyde, 2-Butoxyethanol and 1-tert-Butoxypropan-2-ol. Retrieved June 10, 2011, from:<http://monographs.iarc.fr/ENG/Monographs/vol88/index.php>].
- In 2011, the National Toxicology Program, an interagency program of the Department of Health and Human Services, named formaldehyde as a known **human carcinogen** in its 12th Report on Carcinogens [National Toxicology Program (June 2011). Report on Carcinogens, Twelfth Edition. Department of Health and Human Services, Public Health Service, National Toxicology Program. Retrieved June 10, 2011, from: <http://ntp.niehs.nih.gov/go/roc12>].

According to the National Research Council:

Fewer than 20% but perhaps more than 10% of the general population may be susceptible to formaldehyde allergies and may react acutely at any exposure level.

Formaldehyde is oxidised to formic acid which leads to **acidosis** and nerve damage. Acidosis can be described as a condition in which the acidity of the body tissues and fluids is abnormally high. The liver and the kidneys may also be damaged.

Other known side effects from exposure to formaldehyde:

- Alters tissue proteins
- anaemia
- antibodies formation
- apathy
- blood in urine
- body aches
- cardiac impairment
- palpitations and arrhythmias
- central nervous system depression
- changes in higher cognitive functions
- chest pains and tightness
- colds
- coma
- constipation
- convulsions
- death
- destruction of red blood cells
- depression
- diarrhoea
- difficulty concentrating
- disorientation
- dizziness
- ear aches
- eczema
- emotional upsets
- fatigue
- foetal asphyxiation [SIDS, perhaps?]
- flu-like or cold like illness
- UTI
- gastritis
- gastrointestinal inflammation
- headaches
- hyperactivity
- hypomenstrual syndrome
- immune system sensitiser
- impaired (short) attention span
- inability to recall words and names
- inconsistent IQ profiles

- asthma
- irritability
- jaundice
- retarded speech pattern
- schizophrenic-type symptoms
- sensitivity to sound

[Chronic Exposure and Human Health] Keep in mind that chronic exposure –from the source — means “exposed several times”.

Benzethonium Chloride

Benzethonium Chloride (referred to as “BC”) is an anti-microbial agent used as a preservative in some vaccines. There has been no testing done on humans to find out information regarding the injection of BC into the blood stream. I have been searching for over a year with no luck in finding any such information. What has been documented about BC under the MSDS (Material Safety Data Sheet) under section 11 is that it is **toxic when inhaled or ingested and is also hazardous to human skin**. Based on animal testing, it may **cause mutations in genetic information** and also be **carcinogenic** (cause cancer).

The known side effects of ingesting BC are (according to it’s MSDS):

- Seizures
- Coma
- Respiratory depression
- Central Nervous System Depression
- Convulsions
- Coma
- Urinary system reaction

Raise your hand if you agree BC should be tested more thoroughly. After all, we are injecting our children with this.

Glutaraldehyde

Glutaraldehyde is an organic compound that is used to disinfect medical and dental equipment. In vaccines it is used as a chemical preservative. There have been several studies done on Glutaraldehyde and it has been found that exposure to it can cause:

- Asthma
- Allergic reactions (up to 10% of up people can be allergic to Glutaraldehyde.)
- Induced respiratory issues
- diarrhea

Sources: "Glutaraldehyde-induced and formaldehyde-induced allergic contact dermatitis" SCOTT M. RAVIS, M.D., MATTHEW P. SHAFFER, M.D., CHRISTY L. SHAFFER, M.D., SEENA DEHKHAGHANI, M.D. and DONALD V. BELSITO, M.D.; "Glutaraldehyde-induced asthma." Quirce S, Gómez M, Bombín C, Sastre J. 1999 Oct;54(10):1121-2.; Genetic toxicity and carcinogenicity studies of glutaraldehyde—a review. Zeiger E, Gollapudi B, Spencer P. Mutat Res. 2005 Mar;589(2):136-51; Divergent immunological responses following glutaraldehyde exposure. Azadi S, Klink KJ, Meade BJ. Toxicol Appl Pharmacol. 2004 May 15;197(1):1-8.

MRC-5, DNA, MRC-5 Cellular Protein, Human Serum Albumin (4 different ingredients)

All of these derive from either human tissue or human blood.

MRC-5, MRC-5 Cellular Protein

To explain MRC-5, let's look at a brief history before MRC-5 came about. In 1964, during an outbreak of Rubella, some doctors urged women who had been exposed to the Rubella virus to abort their pregnancy. (Why? Rubella is an extremely mild virus [see: <http://www.ncbi.nlm.nih.gov/pubmedhealth/PMH0002541/>]. Most people don't show any symptoms, especially children, some may get a rash all over their body. Rubella becomes dangerous when a pregnant woman is exposed to the virus because it has the potential to cause severe abnormalities in the child.) From one of these aborted children that had been exposed to Rubella Virus, doctors developed a virus strain that became known as RA/27/3 — Rubella; Abortus; 27th aborted fetus; 3rd tissue explant. In other words, it took

26 aborted infants to get the right strain. The virus was then cultivated on the lung tissue of another aborted child, and this child became known as WI-38 — Winster Institute 38). WI -38 was an infant girl at 3 months gestation. What makes this seem somewhat ridiculous is that the Japanese, years before the first aborted infant was used to extract the Rubella virus, proved that the virus can be taken from a *living* child simply by swabbing their throat.

In the 1970's, a second human cell line was created from an infant boy at 14 weeks gestation and became known as MRC-5.

WI-38 and MRC-5 have become the most used cell lines to make vaccinations. Labs currently use these 2 cell lines, as well as new sources (a.k.a new aborted infants) to create new vaccines.

The use of tissue from aborted infants has caused heated debate because it is ethically questionable. Pro-life groups, which include many churches and parents whose morals condemn profiting from aborted infants, continue to fight the pharmaceutical companies to produce vaccines that do not contain this tissue. And the thing is, it's possible. Vaccines can be made from other sources.

DNA

DNA is harvested from aborted infants. It is used as adjuvant in vaccines. In vaccines, 100,000,000 bits and strands of human dna are allowed per dose. Again, we encounter the issue of the ethical dilemma for this issue.

Human Serum Albumin

Human Serum Albumin is a stabilizing protein made from human blood donated by screened donors. We already discussed above why injecting a protein directly into the body is dangerous.

With that aside, let's look at the points we reach regarding these 4 different ingredients:

We have human DNA, human cell lines from aborted infants, and protein from human blood in 23 of our vaccines. When we need a blood transfusion, or a blood donation of some kind, what is

absolutely required? A match, correct? For example, if a person with type O blood receives type A+ blood, the outcome is fatal. There are rules of science that cannot be crossed regarding DNA and blood. It is imperative to be tested when receiving any type of tissue or blood to ensure that a fatal blood or tissue type isn't put into your body. So may I ask: **How many of you or your children were given a blood test before receiving vaccinations?** We all know the answer to that. It doesn't happen. The outcome to mixing and NOT matching human blood and tissue with other humans can be virtually disastrous. Remember that every one of those 4 ingredients have human DNA in them. Even after the protein is extracted from human blood, DNA remains.

There was a recent study done by Dr. Helen Ratajczak called "[Theoretical aspects of autism: Causes—A review.](#)" In this study, Dr. Ratajczak studied the problems associated with injecting human tissue into another person. Please see the [CBS report](#) on this study. In this CBS report it says:

Ratajczak also looks at a factor that hasn't been widely discussed: human DNA contained in vaccines. That's right, human DNA. Ratajczak reports that about the same time vaccine makers took most thimerosal out of most vaccines (with the exception of flu shots which still widely contain thimerosal), they began making some vaccines using human tissue. Ratajczak says human tissue is currently used in 23 vaccines. She discusses the increase in autism incidences corresponding with the introduction of human DNA to MMR vaccine, and suggests the two could be linked. Ratajczak also says an additional increased spike in autism occurred in 1995 when chicken pox vaccine was grown in human fetal tissue.

Why could human DNA potentially cause brain damage? The way Ratajczak explained it to me: "Because it's human DNA and recipients are humans, there's homologous recombination. That DNA is incorporated into the host DNA. Now it's changed, altered self and body kills it. Where is this most expressed? The neurons of the brain. Now you have body killing the brain cells and it's an ongoing inflammation. It doesn't stop, it continues through the life of that individual."

Thimerosal

Thimerosal is a compound made up of approximately 50% mercury. **Mercury is the second most poisonous element known to man** (next to uranium and its derivatives.) When someone says, “MERCURY!” we immediately think of the news stories about the child at school who broke a thermometer in biology class and the HAZ-MAT team was called in and all the students were in peril. Did you know they make that big of a deal (meaning bringing in the HAZ-MAT crew) for less mercury than what is contained in 1 vaccine [<http://www.epa.gov/mercury/spills/index.htm>]? Thimerosal is used as a preservative in vaccines to help prevent bacteria growth in multi-use vaccines. It is also used in the creation process of a vaccine, and then through a purification process it is “removed” and only “trace” amounts are left. First, I urge you to read this article: [Is There Thimerosal in the Flu Vaccine?](#)

Next, let’s discuss what “trace amounts” means. (If you notice in the document above next to many of the “Thimerosal”s, there is an asterisk next to it. The asterisk notates that “ *Where “thimerosal” is marked with an asterisk (*) it indicates that the product should be considered equivalent to thimerosal-free products.”)

Before we move on, a little story — I was at the grocery store a little while ago looking at a large bag of “Stevia” — the new fad in no-calorie sweeteners. I was reading the back of the bag and I came to a little spot at the bottom that said “Each serving contains less than 2 calories which the FDA considers dietetically zero.” What?! That doesn’t even make sense! If something is said to be “calorie-free”, it should be calorie-free, right?? If something has calories in it, it has calories in it. You cannot place some carrots on the counter and tell me there are no carrots on the counter. A serving size of Stevia is 1tsp, so let’s assume that 1 tsp contains 1.9 calories. Remember, we have to assume because we DON’T ACTUALLY KNOW. It’s the FDA that says the calories in Stevia don’t exist, but just for the mere fact that there is this disclaimer on the bag lets us know that there are, in fact, carrots on the counter... er, I mean calories in the bag. But going back, we’re going to say there are 1.9 calories per serving. Using Stevia is “cup for cup.” In other words, you use the same amount of Stevia as you would regular sugar. So, I’m going to

make some fantabulous “low-calorie” chocolate chip cookies with my “no-calorie” Stevia. I’m on a strict diet, so all I need to add up to find out how many calories are in my batch of cookies are all of my ingredients EXCEPT sugar, right? But wait... I’m adding 2 cups of Stevia into my batch of cookies. There are 48 teaspoons in a cup, which means I’m adding 96 teaspoons of Stevia — which also would equate to 182.4 EXTRA calories. There’s no argument that it has greatly reduced the number of calories in my batch of cookies versus using conventional sugar, but the fact remains: NO-CALORIE IS NOT NO-CALORIE.

So the fact that those vaccines containing thimerosal with an asterisk beside it virtually says the same thing and is extremely misleading. They should be “considered equivalent to thimerosal-free products” gives the illusion that there is no thimerosal in vaccines, or at least not enough to have to worry about. But remember, if I eat 8 batches of my cookies that are supposed to be low calorie because of my “calorie-free” Stevia, I’m actually consuming 1,459.2 calories that the FDA says aren’t really there. This can be applied to vaccines as well. Many “well-child” check-ups include up to 8 vaccines in one sitting.

So how much does “trace” mean? According to the CDC, it says less than or equal to 0.3mcg per dose. Sailhome.org does a nice job of putting this into perspective:

- **2 ppb mercury is the mandated limit in drinking water**
- **200 ppb mercury in liquid waste renders it a toxic hazard**
- **25,000 ppb is found in infant flu shots**
- **50,000 ppb is found in regular flu shots — recommended for children, pregnant women, the elderly...**

Also the math on how many ppb in a “thimerosal free” vaccine:

$0.3 \text{ mcg} / 0.5\text{mL} = 0.3 \text{ mcg} / .0005\text{L} = \dots 3,000 \text{ mcg} / 5\text{L} = 600 \text{ mcg} / \text{L}$
 $1 \text{ mg}/\text{KG} = 1 \text{ PPM}$ (formal definition of PPM) $1 \text{ L} = 1 \text{ KG}$
(density of water or saline solution) $1 \text{ mcg}/\text{L} = 1 \text{ PPB}$ (because 1 KG and 1 L of water are equivalent) THEREFORE: $600 \text{ mcg} / \text{L} = \mathbf{600}$

ppb Thimerosal in the “thimerosal-free” vaccine

Flu vaccine has “only” 25 mcg Thimerosal. The shot is 0.5mL. Let’s do some math: $25 \text{ mcg} / 0.5\text{mL} = 25 \text{ mcg} / .0005\text{L} = 250,000 \text{ mcg} / 5\text{L} = 50,000 \text{ mcg} / \text{L}$ $1 \text{ mcg} / \text{L} = 1 \text{ ppb}$, therefore **The shot has 50,000 ppb of Thimerosal**

Remember that 2 ppb mercury is the mandated limit in drinking water and normally 200 ppb would label something a toxic hazard.

After we find all of this information out, we have to ask ourselves:
Why is mercury dangerous??

A Research Video from the University of Calgary

***Notice that mercury doesn’t only stunt neurological growth, it actually **reverses** it, or destroys it.

Yeast Extract/MSG

Yeast extract is a common name used for various forms of processed yeast. Many people have yeast allergies, and vaccines can induce an anaphylactic response after being vaccinated due to the yeast.

Aside from that, ALL yeast extract contains **MSG**. Many people have either an allergy or a sensitivity to MSG (I am one of them). MSG has been known to cause:

- Migraine headaches
- Sleeping disorders
- Irritable Bowel Syndrome
- Asthma
- Diabetes
- Alzheimer’s disease
- Lou Gehrig’s disease
- Attention Deficit Disorder
- Seizure

- Stroke
- Anaphylactic reaction

Egg Protein

We already discussed under **Amino Acids** why injecting protein directly into the body is harmful. Aside from that, individuals allergic to eggs can have a serious reaction to vaccines that contain egg protein. What's interesting is that many parents don't know that vaccines contain egg products, and doctor's virtually never reveal that information (if they are actually aware themselves), even if they know that vaccines contain egg products. When a child with an egg allergy has a reaction to a vaccine, doctor's often deny the fact that it's even a *possibility* that the vaccine caused the reaction.

Cetyltrimethylammonium Bromide (CTMB)

Cetyltrimethylammonium Bromide is a [cationic surfactant](#). It's used for many things, including acting as a buffer solution for extracting DNA. According to it's [Safety Data Sheet](#) we find out several things:

- CTMB is labeled as "Hazardous"
- It is a skin irritant
- It is a **serious** eye irritant
- It is hazardous if inhaled
- It is harmful if swallowed
- It may cause respiratory irritation
- It is dangerous to the environment
- It is **very** toxic to aquatic life with long lasting effects
- It is flammable

In almost all cases of any kind of contact with CTMB, it advises to contact a medical professional and it advises that CTMB should never touch any part of the human body. It also gives precautionary information and equipment to use/wear during handling CTMB. Under section 8 Exposure Controls/personal protection, it advises to:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

This sounds like some pretty serious stuff, and millions of children and adults are getting this injected into their bodies

In the “general information” for CTMB, it explains that “**Symptoms of poisoning may even occur after several hours**” and the patient should be observed for up to 48 hours after coming into contact with it. **(How many children have a reaction to a vaccine that isn't immediate or even on the first day? Hundreds. And yet if the reaction isn't immediate, medical professional dismiss the possibility of a vaccine reaction even faster.)**

2-Phenoxyethanol

2-Phenoxyethanol is used as an antibacterial agent in vaccines. According to the MSDS (Material Safety Data Sheet), we find that it is toxic if swallowed, inhaled, absorbed through the skin, it is a **severe** skin and eye irritant, and it may cause reproductive defects

[<http://www.sciencelab.com/msds.php?msdsId=9926486>]. According to the EPA data sheets, it has shown to cause chromosomal changes and genetic mutations in tests, as well as testicular atrophy and interference with reproductivity in mice

[<http://www.epa.gov/ttn/atw/glycol2000.pdf>].

The known side effects of 2-Phenoxyethanol exposure are:

- Headache
- Shock
- Convulsions
- Weakness
- Kidney damage
- Cardiac failure
- Kidney failure
- Death

Most people who vaccinate their children are not made aware what ingredients are contained in vaccines — and even if they're told, they may not fully understand what that particular ingredient is or what it means. This list is to help those individuals better understand what they are injecting into the bodies of their loved ones.

What prompted me to put this together was the staggering number of people that report adverse reactions to vaccines. This is what, at first, got me interested in knowing WHY so many children experience many of the same reactions to vaccines. What I found was that many of the adverse reactions fit into many of the side effects of many ingredients contained in vaccines. Please educate before you vaccinate! Don't wait for something bad to happen before you begin researching vaccines.

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55 comments to this article

- . [Alfred Salonia](#) September 11, 2011 at 9:28 pm
- . Simply wish to say your article is as astonishing. The clarity to your publish is simply spectacular and i can think you're a professional on this subject. Fine along with your permission let me to grab your RSS feed to keep up to date with impending post. Thank you a million and please continue the gratifying work. [Reply](#)
- . Carmen September 15, 2011 at 11:49 am
- . This has got to be the best site on vaccine facts I've ever come upon!! Thank you! I have printed this to keep in my purse, as we see a lot of specialists whom question my children's vaccination schedule, I will gladly hand them a copy of this and educate the doctors!! [Reply](#)
- . [Julie Keeton](#) September 22, 2011 at 4:52 pm
- . The reason vaccines (speaking about aluminum content here) aren't held to the same standards as parenteral forms of medications is because parenteral = Intravenous (straight into the bloodstream) and vaccines go into muscle or subcutaneous fat. If it were really as toxic as this article makes it seem, 90% of America would have renal failure. I'd also like to point out that just because you cite something, doesn't mean the cited source is credible. The studies I have checked out from this site have either been all HEAVILY biased as far as funding goes, or have such small study groups there is no way you could claim statistical significance, much less clinical significance. Parents need to research BOTH sides of the vaccine debate before they pick a side. Remember, if the anti-vaccine side turns out to be wrong, you are still putting your kids at risk, even if you are trying to protect them! [Reply](#)

- **Megan** September 26, 2011 at 12:45 am
- **Julie** ~ I can see how, at first, you could justify using toxic amounts of aluminum in vaccines because of the way they are administered. I am going to use a topic that is unrelated to vaccines: illegal drugs that are injected into the bloodstream. Users of these drugs have found that injecting a drug (such as heroine) into the bloodstream creates a much faster high, while injecting it into their muscle or subcutaneous fat would produce the exact same high, but that high would take a lot longer to occur. Parenteral forms of medication produce a fast response, while intramuscular or subcutaneous fat injections take longer to receive a response because they first have to be absorbed into that fat or muscle before it reaches the bloodstream. Injections don't just sit in the same spot they are injected in, they have to move around the body, and always make it to the bloodstream. The only studies that have been done on aluminum alone that do not involve ingestion were based solely on parenteral administration. And the studies I provided up above showed that in newborns and patients with already impaired kidney function, that the affects of aluminum can be disastrous. This is where the 4-5mcg/kg of weight per patient comes into play. The FDA mandated the 25mcg "rule" as a safeguard. In all reality, the heavier a person is, the more aluminum their body can handle. However, the amount in vaccines still come nowhere close to where they should be to be considered "safe" for the weight of the child (which is where my chart above under Aluminum comes in handy — to see how much aluminum is actually considered "safe"). One thing to remember about metals, especially aluminum, is that it is cumulative. They found in patients that had "toxic" amounts of aluminum (generally over that 25mcg mark), that the aluminum embedded in their bones and brain caused neurological decline and can be fatal in patients with impaired kidney function. This could, possibly, make a whole lot of sense in children that receive the myriad of vaccinations and then all of a sudden, a number of months after their first vaccinations, experience neurological decline in the form of ASD and other neurological and behavioral disorders. This could also be a reason why Chelation therapy has been seen to be so effective in Autism patients — remove the metals from the body and the brain begins to repair itself. The biggest factor, especially with what I just mentioned, is that ***WE DON'T KNOW*** as a surety because **NO ONE WILL STUDY IT** (as of yet). Aluminum has NEVER been studied in vaccines or in relation to the increase of neurological disorders in young children, often following vaccination. Please, Julie, show me **ONE STUDY** that shows that aluminum has been proven to be safe if administered intramuscularly or subcutaneously. When the medical community spouts that vaccines do not cause neurological decline, they are

basing their opinions on the study of 2 vaccinations (out of 36) where only 1 of the 10 ingredients has been looked at. I'm sorry, but that's just not irrefutable proof. Aluminum is a toxic metal that has been proven to cause neurological decline and disorders when administered directly into the bloodstream. You can't tell me there's no cause to be concerned about. You said: "I'd also like to point out that just because you cite something, doesn't mean the cited source is credible. The studies I have checked out from this site have either been all HEAVILY biased as far as funding goes, or have such small study groups there is no way you could claim statistical significance, much less clinical significance." With this statement, you are discrediting the CDC, FDA, AMA, EPA, University of Calgary, etc. I am unsure which studies you are calling non-credible or biased. I do, however, agree that many of those organizations (except the University of Calgary) are indeed biased (in favor of vaccination), so I do agree with you on that. However, they are considered "credible" to 99% of the population. [Reply](#)

- [Lisa Vena](#) August 18, 2013 at 9:24 am
- Oh PLEASE, can you not see the big picture, you are putting toxins in your child that not only effect them in childhood, but also as adults!! Hence the aluminum/alzheimers connection. My daughter 29 years ago had a grand mal seizure after her DPT vax, she was packed in ice to reduce her temp., had a EEG scan done. The Dr's wanted to keep her on Phenobarbital via orally for 5yrs, do you know what pheno is commonly used for?? Idiopathic epilepsy, my daughter was not epileptic, she seized from running a temp of 105, due to having foreign bodies/toxins in her. (Why don't you do research pertaining to humans, and what causes us to run high temps...I'm pretty sure, it's due to our immune system fighting off infection/foreign bodies...etc.. Hence autoimmune deceases). Three long horrific months, I did what was prescribed, I shoved pheno down my infant daughters throat, all along asking dr's what the long term effects would carry, to my dispair they had no concrete evidence. I'd personally like to thank God, yes God, he answered my prayers, I had no one else to go to for solice. If you are not a God fearing person, you will be when something devastating happens to your world. RESEARCH, RESEARCH, and do more RESEARCH...you will see the connection is our government...hence the big picture! [Reply](#)
- [Julie Keeton](#) September 22, 2011 at 5:02 pm
- I would also like to add that it would take me all week to point out the flaws in the other sections. [Reply](#)
- [Megan](#) September 26, 2011 at 12:46 am

- I would be interested to hear your opinion on what you think are flaws so that I can help you better understand the purpose and research behind this article. [Reply](#)

- [Susan Richards Day](#) December 8, 2013 at 4:58 am

- Great job on a very factual article . People are waking up and the ones posting any negativity are blind and get paid to disinform . They are murderers and like to defend poisoning people for filthy lucre . [Reply](#)

- . Sandy L September 24, 2011 at 3:20 pm

- . Thank you for this most useful information about vaccine ingredients. I have written this about mercury/thimerosal traces etc in single dose and multidose injections: “Mercury free – Maybe!” All multidose injections (contain several doses in the same container), must contain a preservative, this is often thimerosal/mercury. To have preservative properties it must be present in a strength of at least 0.01% in the final product. (Equivalent to 50 microgram thimerosal per 0.5ml dose, or 25 microgram mercury). The reason why multidose preparations contain preservatives is to prevent contamination from the surroundings in connection with withdrawal of several doses. Single dose injections do not normally require preservatives. They are discarded after the one dose is withdrawn. HOWEVER During the manufacturing processes mercury may be used to prevent microbial contamination, even though it will not be present IN PRESERVATIVE STRENGTH in the end product. (This is the case with many single dose injections). The intention is to remove the mercury, but because it is difficult and expensive to remove absolutely all, up to 0.3 microgram per 0.5 ml dose is permitted to remain. This is termed “trace” mercury and is not sufficient to have preservative properties because it is not present in sufficient strength. It is often misleading due to the fact that injections may be termed “preservative free” because they do not contain mercury in a high enough concentration to have preservative properties – but they may nevertheless contain traces of mercury! [Reply](#)

- . Jen September 24, 2011 at 10:43 pm

- . Hi. This comment is not about the post but on this website everytime there is an adobe document or some image to look at, both Safari and Firefox tell me i have a missing plugin. I DL and install it but it never works so that i can see the image. Can anyone help me? What am i doing wrong? and what do i need to do to correct the problem? [Reply](#)

- Spencer September 24, 2011 at 11:02 pm

- Jen, It could be a couple of things going on. First make sure that any adobe reader program windows are closed then close and re-open Firefox. Second try this, in Firefox, Open “Tools -> Add-ons (or

Add-on Manager) -> Plugins” to verify that the Adobe Acrobat plugin is listed and enabled. If it’s “grayed out”, select the Adobe Acrobat entry and click “Enable.” If you are missing the Adobe Acrobat Plugin from the list then try the steps I outline below. 1. In Adobe Reader, choose “Edit -> Preferences -> Internet”. 2. Deselect “Display PDF In Browser” and then click OK. 3. Choose “Edit -> Preferences -> Internet” 4. Select “Display PDF In Browser” and then click OK. 5. Reopen your Mozilla application and verify that the plugin is enabled. If that doesn’t work, I would uninstall Adobe Reader and re-download and install it from here. <http://get.adobe.com/reader/> (make sure when you are downloading, you hit yes to all the messages Firefox pops up.) Also, when you install the new Adobe Reader, make sure you close Firefox before you start the installation process. Good Luck! I hope it works! [Reply](#)

- . Sandy L December 20, 2011 at 11:10 am
- . Excellent article which includes descriptions of ingredients and much more! In addition to the presence and amounts it is important to consider the influence/interactions of substances with each other. In drug targeting polysorbate 80/Tween 80 is used to assist in the delivery of certain drugs (especially psychiatric, nano-drugs or chemotherapeutic agents) across the blood-brain barrier and into the brain tissue. Polysorbates act by rendering the barrier more permeable. This also occurs in vaccines. In Gardasil both polysorbate and aluminium are present. There is risk of passage being facilitated of neurotoxic aluminium and other substances crossing the blood-brain barrier and embedding in the brain tissue. Thousands of girls exhibit symptoms of brain damage and many have died after Gardasil vaccines. Autopsies rarely if ever include thorough investigation of brain tissue. This may be of paramount importance towards revealing the truth about this controversial vaccine. Another example is the H1N1 “swine flu” vaccine Pandemrix which contains both polysorbate and mercury. There is increased risk of mercury lodging and accumulating in the brain tissue. This is especially worrying in the case of small children and pregnant women as young children and fetus have underdeveloped, more permeable blood-brain barriers. [Reply](#)
- [mindanoiha](#) November 5, 2012 at 4:58 am
- I would like to add that aluminium may increase toxicity of mercury up to a hundredfold. This may also be a potential danger when separate vaccines containing aluminium and mercury are administered concomitantly. [Reply](#)
- . crissch February 22, 2012 at 6:54 pm
- . My little girl fell apart from vaccines 20 minutes after receiving 3 shots (MMR, POLIO, Varicella) She was later diagnosed w/ mild/moderate autism,

lymes disease and inflammatory bowel disease, liver disfunction, petit-mal seizures, toxic body burden. She was 'normal' in every way before that day! I have heard many stories of the same thing that happened to my child from other parents at support group meetings for autism and related nuerological issues. I do not care what the biased government run 'scientific' studies state, it is NOT true!!! Vaccines are dangerous and cause harm sooner or later!!! [Reply](#)

. Sun March 4, 2012 at 11:51 pm

. How to get a copy? [Reply](#)

• [Megan](#) March 13, 2012 at 8:38 pm

• Sun – you should be able to print this article using the “tools” button on your browser. [Reply](#)

. Morgan April 3, 2012 at 10:27 am

. I just want to thank you for this article. I am so eternally grateful to you for doing work that I just feel I can't do. I am a mom of 2 vaccine-injured kids. They are getting better with the use of ALA chelation, homeopathy and diet. I want very much to spread accurate information and have created a Facebook page (Reveal and Heal) to help spread this info. But I'm thankful for you because you know the science behind this enormous topic and strive to provide it, in detail. I share your articles on my page and my own personal FB page. Please keep doing what you're doing and know you're a godsend. God bless. Morgan Pocerobba [Reply](#)

. Rose Meek June 15, 2012 at 10:22 pm

. Hi, I just want to thank you for all the information and for taking the time to put it simply out there. I'm a mother of two. And my son I believe was greatly affected of the vaccines. He have several allergies (milk,eggs,peanut,soy,wheat and we just found of the new dozen of allergies he just developed) he is a healthy kid otherwise and in a month he is due for his “vaccination”. I'm greatly thankful to my friend who introduced me to your website and is probably giving my children a chance to get better, hopefully. As you can tell I'm very new to this, but I want to say thank you again for giving my kids a chance..... Thanks Rose [Reply](#)

. **[The Science Of Vaccine Damage « antivaccine](#)**

. **[The Vaccine Damage – Science « antivaccine](#)**

. Shawn Siegel September 8, 2012 at 11:55 am

. What an awesome article, Megan. I can't believe I hadn't seen it. [Reply](#)

. Kathy Castaneda October 14, 2012 at 12:24 am

. I think it's the vaccinations we are forced to make our kids get... back in 2010

my then 12 year old son was vaccinated for chickenpox.. the next day my toddler broke out with chicken pox... recently my same little boy who just turned five on 10/9/2012 got hs vaccinations along with his 11 year old sister on 9/26/2012.. shortly after like a day or two my little boy started having tic like symptoms.. head jerking, constant moving or stepping in place.. moving both legs and arms at the same time when he jerks his head... constant spitting every few seconds... telling himself to stop because he wants his body and/or brain to stop doing the things they're doing.. there's so many things he's doing and it's sad to see my little boy like this... there's absolutely nothing that has changed in his life..no illness, trauma, or anything.. he just got the vaccinations and then all of this started even major signs of OCD.. they even gave him the chickenpox vaccine after I told them do NOT give it to him because he already had chickenpox.. Monday we go out of state to a pediatric Neurologist and I am praying we get some answers as to why he suddenly went from perfectly normal to not so normal right after the vaccinations.. Reading the CDC and FDA sites I checked the ingredients in the vacs and it's down right disgusting from calf bovine serum to human tissue from aborted babies...and monkey kidney tissue.. if I would have known then what I know now I would never have gotten my children vaccinated.. I really wish I would have seen this website way before now. [Reply](#)

. **Whooping Cough Vaccine and Pregnancy | Immunisation Awareness Society**

- . Katherine January 11, 2013 at 10:06 pm
- . Please delete this comment. It was overlooked that the proper conversion from ppm to ppb was made. It would be appropriate, however, for you to note that the EPA's guidelines are based on daily consumption, not one-time exposures. [Reply](#)
- [Megan](#) January 15, 2013 at 8:47 am
- I deleted the comment. But, it would be important for you to note that there are NO regulations or guidelines on what is safe to INJECT (which is 1,000x more dangerous than ingestion), when there obviously should be. By injecting these toxins into the body, they remain long term. It's also important to note that vaccines are not one-time exposures. Children are assaulted every couple of months for years. They receive a staggering amount of vaccinations before the age of 2, and then a handful more by the age of 6. It's absolutely not "one-time" exposure. [Reply](#)
- . Joe January 23, 2013 at 10:26 am
- . Many browsers do not have a print in the tools. I am going to print this and give it to a friend. It would be nice if you had a PDF version of this that we could download. Please keep up the good work. This is a battle we cannot afford to lose. Our children's future depend on avoiding

poisons. [Reply](#)

. [Chris](#) January 27, 2013 at 8:37 am

. thank you for taking the time to assemble this Megan. This information will help me to back up my choice for not vaccinating my child. I have been going back and fourth with myself also with nurses / doctors on this topic. along with friends and family members. no-one understands my fear of neurological compromise from pumping these chemicals into my child. not to mention all the possible / likely damage to his body. I feel alone in my choice alot of the time, his mother supports my choices because she also sees the chemicals they put into vaccines has houses fears like i do. Its hard for me because i dont want him to die from a preventable illness, but i dont want him to live a sub-par life. Im vaccinated myself + whatever they gave me in the service.. and im not healthy. i cant get sick 4-6 times a year some years. asthma. and im not that bright, issues paying full attention, mind wanders, feel like me "CPU" has low processing power.. i hope going all natural for my son will provide him a better life. Plus 90% of people are vaccinated in america right? (prob not that high considering health costs) but he should be less likely to catch anything because of the "herd immunity" Thank you again megan, please keep up the good work, at times its so hard to pick through all the bullshit to find good information [Reply](#)

• [Megan](#) January 28, 2013 at 1:28 pm

• Thanks for the comment, Chris. And the compliment. Another article I think you would find interesting is this one: <http://vaxtruth.org/2011/09/proof-that-vaccines-did-not-save-us/> You will find that there really is no threat. Vaccine-preventable diseases were already almost eradicated by the time a vaccine was ever introduced for them due to better living conditions, clean water, indoor plumbing, more knowledge about how disease spreads, etc. Vaccines never helped anything decline. Also – your comment about herd immunity is another common misconception. Herd immunity was originally meant to be applied in populations that had gotten disease naturally and developed a natural immunity. Between 1900 & 1930, A.W. Hendrich studied measles outbreaks in the Boston area. He found that if 68% of the children got measles the outbreak stopped...hence herd immunity. Unfortunately, this term has been applied to vaccines as well, but since vaccines do not offer the same sort of protection as natural infection, herd immunity in this context does not exist. We are led to believe it does though, but our vaccination rates are well above the 68% needed (in some areas near 100%) and outbreaks still occur, usually in highly vaccinated populations. In 2004 a 97% vaccinated school population got chicken pox, in 1987 a 99% vaccinated school population got measles, in 2010 a 77% vaccinated community got

mumps. And there are so many more that I can list. In 1997 there was a measles epidemic in New Zealand, there were 2,041 reported cases and 99% immunization rate. Yet in 1994 there was a rate of 87% immunized and only 33 cases. In addition, some diseases have cycles of infections that are not based on vaccinations rates at all, pertussis (whooping cough) being one. Vaccinations can lead us into a cycle of lowered natural immunity and that often results in tougher, more resilient strains popping up, which we then have to rely on more man-made vaccines to cure. According to the CDC, any single vaccine will “last” about 3-10 years. But, as you probably know, most adults do not continue any sort of vaccination once they “leave the nest.” As an example, most children will receive their last TDaP vaccine at age 6 or 7, and they might receive an additional one around age 12, but that is uncommon. How many adults do you know that go in to get the full scale of vaccines for all the diseases their child gets “protection” for? I honestly don’t even know one. Some adults will get a flu shot, but generally speaking, most haven’t received a shot for any other type of disease since they were children themselves. But vaccines do not offer life-long immunity. They last, at most, 10 years. So where is all the disease among adults? Why do we not have horrid outbreaks of disease among the adult population since virtually ALL of them are unprotected from ANYthing? The answer to that is also why disease was already on such a steep decline BEFORE the vaccine was introduced for any specific disease. Bottom line, “herd immunity” doesn’t apply to vaccinated populations. The health of your son depends on his immune system, not vaccinated individuals around him. Thanks again for the comment. Please continue learning and reading about vaccines, and let us know if you ever have any questions. We’re here to help! Megan [Reply](#)

- . Jan February 6, 2013 at 11:55 am
- . Dear all, Thanks for sharing your experiences. To add to this, our youngest has never been the super-healthy girl she was before her last vaccination against mumps, measles and rubella. Within 2 weeks after the shot she developed dark skin around her eyes, looking at the world like zombie, less approachable and less energy. About 6 months later we changed everything in our diet: vegetarian (“The China Study” by Prof. Campbell) and regular detox sessions by using clay baths and nano-detox fluids which can be added to oat meal etc. We actually started detoxing after seeing the lectures of David Ayoub on youtube. This helped a lot, in particular from the moment we started active detoxing, and she is still improving! Our eldest girl has improved on the fly. Vaccinating our kids is our most stupid act ever. Although you cannot convert the incontrovertible pharma and agribusiness industries of central bankers,

you can convert the people and MDs. Good luck, thanks for the insight! [Reply](#)

- . Audrie M February 25, 2013 at 10:18 am
- . Excellent information here. Everything I was looking for. And I ask, when will we parents be given an option of refusing to vaccinate based on our own morals and health reasons instead of “for religious reasons” being our only option. When I started to explain to our new child’s doctor our reasons, they only needed to hear that it was for religious reasons to make it “legal” to opt out. Is there any legislature out there working on this? [Reply](#)

- . Maryanne February 28, 2013 at 5:20 am
- . There is no list showing up at the beginning of the article — I am using Chrome — any suggestions? Thanks! [Reply](#)

- [Megan](#) February 28, 2013 at 9:44 am
- Maryanne – the list can be found here:
<http://www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/B/excipient-table-2.pdf> Your computer is probably set up to not allow the pdf to download. [Reply](#)

- . Chris March 25, 2013 at 4:00 pm
- . This article made me sick. I have a four month old baby girl that I have not vaccinated much to the dismay of many people including my husband. As a compromise, I told him I would consider vaccinating at 6 months old as I didn’t believe it was nessecary to inject poison into the body of a 6 week old. I was aware of the ingredients in vaccines, thus my hesitation, however in my research I could not find the information about side effects and dosage until I stumbled upon this article. This is the most thorough and comprehensive article regarding vaccine ingredients, including the amount administered in each shot and all of the side effects. I have long believed vaccines cause food allergies and a host of other issues, and that doctors and government are influenced by the pharmecutical companies and the almighty dollar. Thank God I read this before I was pressured into doing something against my better judgement that I would regret. No vaccines in this home. [Reply](#)

- . Marla May 2, 2013 at 12:35 pm
- . I am wondering if anyone can give me some insight on a vaccine matter. My son is 12 and I never really thought about what was in vaccines until a couple of years ago. Started with looking into the flu shots, which we do not take anymore. Anyway I decided to get the form from the State of Texas because I did not want him to get anymore vaccines. Well luck would have it, he goes to a Catholic School and in 2008 they decided they would not accept the Affidavit from the State and it had to be a letter from a Dr. stating a medical reason that he could not receive the vaccines. I

don't know of one Medical Doctor that would do that for me. His pediatrician is an idiot that harasses me over getting the flu shots. If I don't find a solution, we will have to pull him out of a school that he loves. But I will not have them forcing me into doing something that is wrong for my child. I am sorry I am rambling, but this whole situation has gotten me scared and stressed! [Reply](#)

- shannah January 9, 2014 at 11:21 pm
- Did you ever figure out a way? I'm going through similar right now regarding my 3 yr old son, his preschool and the flu shot. Hoping for advice... [Reply](#)

- . Jeff May 7, 2013 at 8:27 pm
- . Thank you for what is significantly more informative than what I heard years ago about what is in a vaccine. I have two questions though that in what little I have investigated never seem to come up. 1. Why is all this junk in a vaccine in the first place? 2. What is the alternative? Are there vaccine "equivalents" to organic fruit? Without a vaccine, do I run the risk of my kid(s) getting polio? Do I run the risk of my infant getting influenza that can kill her? I hate the side effects of what these materials can do, and I regret what could come of them in my older children, but what about the other side effects that seem positive? Thanks Jeff [Reply](#)

- . Carolyn August 9, 2013 at 2:12 pm
- . Great article. You must have put a lot of time and energy in all your research as it is a lot of information to digest. I also want to say how sorry I am for your loss. I cannot imagine what you have gone through. I do have one very important question for you. If you had to do it all again, what would you do differently? Would you avoid all vaccines or spread them out? I feel you are right on the information you provided but I am stuck on what to do. [Reply](#)

- [Megan](#) August 12, 2013 at 11:23 am
- Carolyn – As I have done more and more research, I would not vaccinate my children at all. As public record shows, vaccines are not the cause for the decline in disease. (See: <http://vaxtruth.org/2011/09/proof-that-vaccines-did-not-save-us/>) I have had 3 more children after my experiences with my son that passed away and I have not vaccinate them at all. I am completely comfortable with this decision, and I no longer fear the diseases that vaccines are meant to prevent, but don't.
Blessings, Megan [Reply](#)

- . Sara Tro August 18, 2013 at 3:43 am
- . Wow. I am absolutely astounded at the level of research and informative data that lies in this one tidy article. My son is 2.5 now, but at his 5 month well

visit we were coerced into giving him a Dtap shot because of an “outbreak” in our area. He has never been the same since. Anyone who has watched in terror as their once mellow and happy child slips into a dark and scary place knows first hand that vaccines are not safe. I just wish that I hadn’t caved when my doctor said “oh, so you’re fine with your son dying of pertussis then ?” I called to let them know that he was acting abnormally and they insisted it was teething. Had they been more open to the vac causing his problem I might’ve been able to start a chelation treatment or something helpful.. Instead, we went through so many attempts to remedy the situation with colic treatments etc. How many other parents out there have a similar story? The number of reported/recorded vaccine injuries has to be so far off from what the numbers actually are.. That is terrifying.

Thank you so so much for compiling all this information. Our doctors need to be educated. And I may just print and frame your reply to Julie Keetan. Well done!!!!!! [Reply](#)

- [Megan](#) August 20, 2013 at 5:04 pm
- Oddly enough, Sara, Julie Keetan has never come back to tell me all the points that are supposedly wrong in my article. Hmmmm....

[Reply](#)

. [Heni](#) September 19, 2013 at 3:01 am

- . Thank you for the article. I am making a thorough research hence I have a four month old baby and throughout my pregnancy they’ve told me his kidney was enlarged I am not sure how well his kidney functions and worried with all this stuff in the vaccine. I am completely convinced that vaccines causes harm in some more than others because I have a few friends that have experienced this with their children one child got asthma and all kinds of food allergies, the other at age 9 after the shot he got some sort of weird tics. I think is very important for parents to educate about what they put into their child’s body and how is this going to affect them. Thank you again this is very helpful! [Reply](#)

. [John](#) October 22, 2013 at 5:45 am

- . It doesn’t take being brilliant or even having a degree to figure out that the ingredients in vaccines are ALL bad and do NOTHING good for the body no matter what the age... ESPECIALLY an infant. It’s truly tragic what is going on and I thank God for sites like this which allow people to make an informed decision. Keep up the good work! Proud dad of an unvaxed quite healthy and smart child. [Reply](#)

. [Christina](#) November 7, 2013 at 10:38 pm

- . I would just like to say that from personal experience I have a almost 5 year old son who I got all his vaccines for the first 3 years of his life, when I had my daughter we only did the DTaP at 6 months and boosters at 9, and 12 with her. She is now almost 3 and to compare she has never been sick. My son

use to get everything that went around, and still gets sick more often while the rest of us will all be sick she is super healthy and not sick! She has had one runny nose for a couple days while my son had a really bad cold and fever, and she got a cough when his cough was so bad and lasted for a week and half, hers was mild and lasted 2 whole days if that. Its incredible the difference! I didnt even research the vaccines before a few months ago now pregnant with baby number 3, but made my decision based on how sick my son got when he got his vaccines those first couple years. We got everything on schedule per drs orders and didnt leave any out. I knew each time that even with the tylenol that it would be a bad day for him, high fevers, crying and being upset like he was sick all day. It was hard to handle. After dealing with all that with him I decided to wait and spread things way out with my daughter. Doing my own research I found a lot of what this article talks about, and it breaks my heart that I didnt know it before I got him vaccinated! I wont be doing any more vaccines in my kids, and if I do change my mind down the road about that I will be getting them one at a time very spread out. Even without all the junk they put in them, a baby having that high of a fever or being that sick all day every couple months is not good! I never got the Heb B vaccine for my son at birth, but if the reaction was the same as any of the other vaccines (which I have heard its worse from people) its no wonder SIDS is so common and why so many babies are having health issues and everything. Without believing anything else, dont wait to find out the hard way on your own child, do the research. Your kids only get one shot on a healthy body! Also just because you got vaccinated as a child doesnt mean anything. The amount of vaccines kids get has not only doubled, but they give more at once now, as well as have changed the ingredients in them a ton over the years. Its not the same! I would also like to point out that before you go trusting everyone to do whats right and tell us if vaccines are harmful think about how much money is being made on them each year.... billions and billions of dollars! That kind of money has and does corrupt people into letting things slide. Also ask yourself why no real studies on vaccines have ever been done!! If its so safe why not do studies on this stuff? The studies they claim to do are very weird and not scientific... Look it up and see for yourself, dont just take someones word for it! Dont be stupid like all those people who just trusted and believed that cigarettes were safe and didnt harm you! The cigarette company was making so much money they lied and hid studies to keep making that money! This time the government agencies that determine whether things are safe or not are getting paid money for putting drugs through quicker! They hold stocks in the companies that make these drugs and personally gain from putting them through, etc... Its proven, just look even a little and you'll find it! Its enough to make you sick! [Reply](#)

- . Jimdoja December 12, 2013 at 7:44 am
- . As an RN we are "mandated and required" to take the flu vaccine among

others. A free country, right? If you do not take the flu vaccine you are “mandated and required” to wear a mask during your shift. Some facilities and “union” contracts “Require and mandate” vaccines or you can be “FIRED” or not hired for the position. If vaccines are so effective than why are the people who take the vaccine so concerned about the one’s that do not take the vaccine. They are vaccinated, right? Protected. We’ll, it’s for “our patient’s” protection to be vaccinated. Hummmm? What? These “patient’s have a “choice” to be vaccinated, right. Whom is at more of a risk here? What have we, as a country, become with individual freedom of choice? Mandated and required... [Reply](#)

. lins December 23, 2013 at 12:26 pm

. excellent info here! i just got a call from my son’s doctor’s office a few minutes ago and they asked me if he had been vaccinated with the recombivax, i said, um, no my husband and i have chosen NOT to vax our son at all. my other 2 daughters had some vacc’s when they were little b/c i was told they were absolutely safe and i didn’t do any research about it back then, but i did the research after i suffered a vaccine injury with the tdap, and let me tell you, he is the most happy, healthy, and bright little boy ever! he has only had 2 colds his whole life (he’s almost 3 yrs. old now), and i don’t regret not getting anymore vaccines for any of my 3 children. i will be printing this article for the doc’s office, and for my mom, who HAS dermatomyocitis, but hasn’t been able to find out WHY she has this disease....i keep telling her it could be the vaccines, but she’s old school, so she still believes that they are good to get, but i think that they are making her worse! again, THANK YOU for all this info, i will be sharing it with my friends and family, the ones who think i’m not nutso, anyways! keep up the good work and i’m very sorry about your loss... [Reply](#)

. elizabeth January 5, 2014 at 8:43 pm

. Hi my question is now that I have the facts and I now refuse to have my children vaccinated. What happens when they r enrolled in kindergarten and it is required to have a up to date immunization record. [Reply](#)

• [Megan](#) January 6, 2014 at 3:22 pm

• Elizabeth – most states in the U.S. offer exemptions for an unvaccinated child to be able to enter public school. Visit this link to find out more: <http://vaxtruth.org/public-school-exemption-information/>. If you have additional questions you can find us on Facebook <https://www.facebook.com/VaxTruth> or you can e-mail me Megan@vaxtruth.org. [Reply](#)

. wilson February 25, 2014 at 4:00 am

. what will happen if a 15 year old child was given TD booster in a span of only 4 months? [Reply](#)

- [Megan](#) February 25, 2014 at 3:52 pm
- Do you mean he was given a booster after already receiving one 4 months ago? [Reply](#)

- [Wilson](#) February 25, 2014 at 4:27 pm
- Yes [Reply](#)

- [Donna Witkowski DiPietro](#) March 14, 2014 at 11:47 am
- Have any of the vaccine ingredients changed over time, or have they always contained all of these “toxic” ingredients? [Reply](#)

- [Megan](#) March 17, 2014 at 10:36 am
- The ingredients themselves have remained somewhat the same. In the early 2000s they reduced the amount of mercury in dead-virus vaccines. The main thing that will change from one vaccine to the next is the actual virus used. For instance, when the first DPT vaccine came out (for diphtheria, tetanus and pertussis) they used a whole-cell pertussis virus, which ended up killing and permanently injuring thousands of children. They stopped using that one and in the early 90s they came out with the DTaP vaccine which has an acellular pertussis virus, which proved to be a little less dangerous upfront. [Reply](#)

- [Brooke](#) March 21, 2014 at 2:53 pm
- I haven't checked out any of your other journaling however I am so grateful for this article. You have done the homework for so many parents just trying to sift through all of the garbage for some quality information. I can't thank you enough. I have used this article many times as a rebuttal to people who judge me for my decision. [Reply](#)

- **[Vaccinations: Your Child vs. “The Greater Good” | VaxTruth.org](#)**
- [Yarima](#) April 8, 2014 at 11:43 am
- Thank you so much for this article. I stopped vaccinating my son at 4 yrs old and my daughter has only received the varicella vaccine but no more shots after this one! [Reply](#)

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