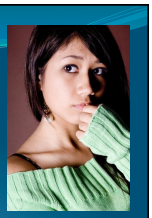
Gardasil:



"One less." *One less what?*

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Gardasil Facts

- There are >100 types of HPV.
- About 40 types can be sexually transmitted and 15 types have been associated with cancers and genital warts in both women and men.
- Cervical HPV infections occur mainly as a result of sexual intercourse. They are extremely common over a life time.
  - In fact, international researchers admit that, **"There are almost no truly uninfected women."**
    - Schiffman MH, Castle P. "Epidemiologic studies of a necessary causal risk factor: human papillomavirus infection and cervical neoplasia." *J Natl Cancer Inst. 1995 Jun 7;87(11):796-802*

2

Gardasil Serotypes

- Four serotypes – 6 11, 16 and 18 – were selected from pooled international data to become the Gardasil vaccine.
  - U.S. women have a low prevalence these vaccine serotypes.
  - In a study of 2,026 women age 14 to 59, **only 3.4% tested positive** to these four strains.
    - Dunne EF, et. al. "Impact of low prevalence of vaccine serotypes in North American women, on the use of human papillomavirus vaccine (HPV)." *JAMA. 2007;297:813-9*

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Pre-release Vaccine Trials

- **May 2006:** The vaccine was tested on fewer than 12,000 girls aged 9-12 years of age and only tested for 6 months, instead of the usual 4 years.
- Observation for adverse events: **15 days**
- Placebo used: Merck's proprietary **aluminum adjuvant** – *we know it had aluminum but no idea what else is in it.*
- Each Gardasil shot contains 225 mcg of aluminum
  - 25.4 percent experienced injection pain and swelling after receiving Gardasil
  - 15.8 percent reported pain and swelling after receiving the aluminum placebo
- ***RESULT:*** "Vaccine is as safe as placebo and same side effect profile."

Aluminum has been implicated in interfering with a variety of cellular and metabolic processes in the nervous system and in other tissues.

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2008: FDA announced that 73.3% of girls in clinical trials developed new illnesses.

- Blood & Lymphatic System Disorders 2.9% = ***1 in 34***
- Gastrointestinal Disorders 13.4% = ***1 in 7***
- Immune System Disorders 2.4% =***1 in 50***
- Infections & Infestations 52.9% = ***1 in 2***
- Musculoskeletal & Connective Tissue Disorders 6.8% =***1 in 14***
- Nervous System Disorders 9.4% = ***1 in 10***
- Psychiatric Disorders 4.4% =***1 in 22***
- Renal Disorders 2.7% =***1 in 37***
- Reproductive & Breast Disorders 24.8 % = ***1 in 14***
- Respiratory, Thoracic & Mediastinal Disorders 5.5% = ***1 in 18***
- Skin & Subcutaneous Tissue Disorders 7.4% = ***1 in 13***
  - *Source:* Clinical Review of Application http://holyhormones.com/wp-content/uploads/2013/03/gardasil09108-Closing-Statement.pdf

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Vaccine Ingredients

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Ingredients

- Virus-like particles (VLPs) of HPV serotypes 6,11,16,18 which are produced in genetically-engineered then grown in Saccharomyces cerevisiae.
- Fermentation media: vitamins, amino acids, mineral salts, carbohydrates.
- Adjuvant/Catalyst: **aluminum** hydroxphosphate sulfate (225 mcg)
- **polysorbate 80** (50 mcg)
- **sodium borate** (35 mcg)
- L-histidine (0.78 mg)
- sodium chloride (9.56 mg)
- yeast (≤ 7 mcg)
- water (for suspension)

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Aluminum

- Aluminum compounds—such as aluminum phosphate, sulfate and hydroxide—are the most commonly used vaccine adjuvants for human vaccines.

Even after 100 years of use, the mechanism of action of the aluminum adjuvants is complex and not completely understood.

- **Fiejka M. [Aluminum as an adjuvant in vaccines and post-vaccine reactions]**. Rocz Panstw Zakl Hig. 1993;44(1):73-80 [Article in Polish]

8

Aluminum

- **Aluminum** was first used as a vaccine adjuvant in **1926**.
  - "All salts of aluminum are poisonous when injected subcutaneously or intravenously."
    - Dr. Victor Vaughn, Toxicologist, University of Michigan before US Federal. Trade Commission Hearings on aluminum, **1927**
- "It is surprising that the physiochemical interaction between aluminum compounds and antigens is relatively poorly understood…and the mechanism(s) of action of aluminum adjuvants are **relatively unstudied**."
  - Brewer JM. (How) do aluminium adjuvants work? *Immunol Lett.* **2006** *15;102(1):10-5.*

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Aluminum

- Vaccines that contain aluminum:
  - DTaP, dT, HiB, Prevnar, Hepatitis b, Hepatitis A, Gardasil, Cervarix, and Anthrax.
- If a 1-year-old receives all recommended vaccines, s/he will receive between **1.6 and 4.1 mg** of aluminum
- If a 5 yr-old receives all recommended vaccines for age, s/he would receive an *additional* **1.9–4.9 mg** of aluminum
  - Baylor, Norman W., Egan, William and Richman, Paul. "Aluminum salts in vaccines—US perspective." *Vaccine 20 (2002) S18–S23*
- Gardasil adds an additional 0.675 mg in three doses
  - The new Gardasil 9 has 0.5mg of aluminum per dose. This adds an additional **1.5mg** of injected aluminum.
    - Point to ponder: Why did Merck ***double the amount of aluminum*** *per shot?*

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Aluminum

- Aluminum is considered neurotoxic to humans. The Am. Academy of Pediatrics admits that:

"Aluminum has been implicated as interfering with a variety of cellular and metabolic processes in the nervous system and in other tissues."

- **Aluminum Toxicity in Infants and Children, Pediatrics. Vol 97, No. 3. March, 1996, pp. 413-416.**

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Concerns about Aluminum

- Aluminum is primarily eliminated from the body through the kidneys.
- Infant kidney function (glomerular filtration rate) is low at birth and doesn't reach full capacity **until 2 years of age.**
- *Therefore:* Infants are not be able to excrete aluminum.
  - Simmer, K. Aluminum in Infancy.
  - In: Zatta PF, Alfrey AC. (Eds) Aluminum Toxicity in Infants' Health and Disease. 1997, World Scientific Publishing.

✓ **NOTE: The Hepatitis B vaccine given at birth, contains aluminum hydroxide**

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Concerns about Aluminum

- A British group injected aluminum-containing vaccines into mice and found that levels of the metal rose in the **brain** and **peaked around the third day** after injection.
  - Redhead, K. et al., "Aluminum-Adjuvanted Vaccines Transiently Increase Aluminum Levels in Murine Brain Tissue," *Pharmacology & Toxicology 70, No. 4 (April 1992): 278-280.*
- Aluminum adjuvants can induce the production of IgE antibodies that are associated with allergies.
  - Fiejka M. "Aluminum as an adjuvant in vaccines and post-vaccine reactions." *Rocz Panstw Zakl Hig. 1993;44(1):73-80* [In Polish]

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Concerns about Aluminum

- The 15 mg of alum or 0.85 mg aluminum per dose was selected empirically from data that demonstrated this amount of aluminum enhanced the antigenicity [i.e. effectiveness] of the vaccine.
  - Baylor, Norman W., Egan, William and Richman, Paul. "Aluminum salts in vaccines—US perspective." *Vaccine 20 (2002) S18–S23*

Effective is **not** a synonym for Protective.
Antigenic effectiveness means the injection produced an antibody.

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Concerns about Aluminum

- Aluminum-containing vaccines have been associated with:
  - Severe local reaction, including erythema, subcutaneous nodules, contact hypersensitivity and granulomatous inflammation.
  - Aluminum may increase the levels of antigen-specific and total **IgE antibodies** that may promote IgE-mediated allergic reactions.
    - Baylor, Norman W., Egan, William and Richman, Paul. "Aluminum salts in vaccines—US perspective." *Vaccine 20 (2002) S18–S23*
  - Aluminum hydroxide has been reported to attract eosinophils to the injection site creating itchy nodules that lasted 4 or more years in 75% of patients.
    - Bergfors E. "Unexpectedly high incidence of persistent itching nodules and delayed hypersensitivity to aluminium in children after the use of adsorbed vaccines from a single manufacturer." *Vaccine. 2003 Dec 8;22(1):64-9.*

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#1 - POLYSORBATE 80

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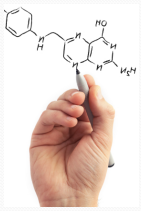
Concerns About Polysorbate 80

- **Polysorbate 80,** also known commercially as **Tween 80,** can cause potentially fatal **anaphylactiod reactions** characterized by a sharp drop in blood pressure, hives, and breathing difficulties.
  - Coors, EA. "Polysorbate 80 in medical products and nonimmunologic anaphylactoid reactions." *Ann Allergy Asthma Immunol. 2005 Dec;95(6):593-9.*
- **Polysorbate 80** is used in pharmacology to assist in the delivery of certain drugs and chemotherapeutic agents **across the blood-brain-barrier**.
  - Wangqiang Sun· et al. "Specific role of polysorbate 80 coating on the targeting of nanoparticles to the brain." *Biomaterials. Vol. 25, Issue 15, July 2004, Pages 3065-3071 .*



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Concerns About Polysorbate 80

- The drug, Aranesp, to treat chronic kidney disease is purely polysorbate 80.
- Clinical studies of injected polysorbate 80 have shown an increase risk of serious side effects, including blood clots, stroke, heart attack, heart failure, and death in some cases.
- It has also been shown to shorten overall survival and/or increase the risk of tumor growth or recurrence in patients with certain types of cancer.
  - Source: Drugs.com http://www.drugs.com/cdi/darbepoetin-alfa-polysorbate-80.html

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Concerns About Polysorbate 80

- *According to the World Intellectual Property Organization, UN scientists are developing vaccines **specifically to damage fertility** as a method of contraception in mammals. A suggested ingredient for the vaccine is Tween 80 (polysorbate 80):*

  "A preferred vaccine is comprised of oil, preferably a biodegradable oil such as squalene. Typically, the vaccine is prepared using an adjuvant concentrate (such as aluminum) combined with contains squalene oil (= MF59). The aqueous solution also contains a phosphate-buffered saline solution, and **preferably Tween 80** (polysorbate 80)."

  - Fertility Impairing Vaccine And Methods of Use. This application claims the benefit of U. S. Provisional Application No. 60/070,375, filed January 2,1998, U. S. Provisional Application No. 60/071,406, filed January 15,1998. http://www.google.com/patents/WO1999034825A1?cl=en

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Concerns About Polysorbate 80

- **Polysorbate 80** has been shown to **cause infertility in female mice**.
- Rats injected with polysorbate 80 days 4 to 7 after birth have an accelerated maturation of the **vagina** and squamous metaplasia of the epithelial lining of the **uterus,** indicative of chronic estrogenic over stimulation.
- **Ovaries** were without corpora lutea, and had degenerative follicles.
  - Gajdova M, Jakubovsky J, Valky J. "Delayed effects of neonatal exposure to Tween 80 on female reproductive organs in rats." *Food Chem Toxicol. 1993 Mar;31(3):183-90.*

No corpora lutea = no baby

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Vaccines with Polysorbate 80

- Adacel® (Sanofi Pasteur) (DTaP)
- Adacel®-Polio (Sanofi Pasteur) (DTaP + polio)
- Agriflu® (Novartis)
- BCG vaccine (Freeze-Dried) (Sanofi Pasteur)
- Fluad (Novartis)
- Gardasil® (Merck Frosst)
- Inactivated Polio Vaccine – IPV (Sanofi Pasteur)
- Infanrix™-hexa (GlaxoSmithKline)

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#2 - SODIUM BORATE
(BORON, BORAX)

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Concerns About Sodium Borate

- **Borax** is an acidic salt also known as **sodium borate**. It is an ingredient commonly found in rat poison, pesticides, flame retardants, enamel glazes, and laundry detergent.

- Sodium borate has been **banned as a food preservative in the United States** and several other countries because the substance is known to be harmful to human health.

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Concerns About Sodium Borate

- **Sodium borate**, upon entry into the body, becomes boric acid.
  - When given orally, sodium borate and boric acid **interfere with sperm production, damage the testes and interfere with male fertility** when given to animals at high doses.
  - Depending upon the dose, boric acid produces **developmental defects, including reduced body weight, malformations and death**, in the offspring of pregnant animals.
  - The full effects of injecting boric acid is unknown.
    - Material Safety Data Sheet. MSDS L-112 Revision 6. SODIUM BORATE DECAHYDRATE (BORAX)

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Concerns About Sodium Borate

- **Sodium borate:** The minimum concentration of borax that can induce complete germinal layer aplasia in the testicles is 6-8 ppm. *Testicular concentrations were found to be higher than in the plasma.*
- Gardasil has **35 mcg (35 ppm)** per dose. (1 mcg ~ 1ppm).

No sperm = no babies

- Dixon, RL., et al. "Assessment of Environmental Factors Effecting Male Infertility." *Environ Health Persp. Vol 30. 1979 pp 53-68.*

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Vaccine Critics: Scientists

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French Minister of Health

- "The effectiveness of HPV vaccination on the incidence of cancerous genital lesions can only be established retrospectively and after many years because these pathologies develop very slowly."
- "Neither Gardasil nor Cervarix has yet demonstrated its effectiveness in preventing cervical cancer. According to several specialists, "We do not yet know if the vaccine will result in a reduction in the number of cancer cases."

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Dr. Diane Harper

- Dr. Diane Harper publicly criticized the use of this vaccine in developed countries.
  - Vaccine efficacy (antibodies) are not evident after 5 years therefore vaccinating young girls years before commencing sexual relationships is not a policy that promotes public health.
  - Cervical cancer can be cured in **almost all accou**nts when identified early by PAP screening.

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Dr. Bernard Dalbergue: "Gardasil Is Worthless"

2014: "Gardasil has absolutely no effect on cervical cancer and all the very many adverse effects which destroy lives and even kill, serve no other purpose than to generate profit for the manufacturers. Gardasil is useless and costs a fortune. In addition, decision-makers at all levels are aware of it. *I predict that Gardasil will become the greatest medical scandal of all time because at some point in time, the evidence will add up to prove that this vaccine…*"

- **Dr. Bernard Dalbergue is a former Merck industry physician**

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- In fact, there is *no proof* that Gardasil or Cervarix prevents HPV, however it is know to exacerbate existing HPV infections
  - VAERS reports as of August, 2015:
    - Abnormal Pap Smear 602
    - Cervical Dysplasia 268
    - **Cervical Cancer 104**

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Gardasil VAERS Reports through August 2015

We must give our thanks and appreciation to SaneVax.org

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VAERS REPORTS as of Aug, 2015

ER Visits	12,749
• Hospitalized	4,094
• Extended stay	273
• Serious	5,532
• Life threatening	701

• Disabled	1,362
• Did not recover	7,912
• ***DEATHS***	***232***

TOTAL: 40,700 reports of reactions

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Gardasil Travesties: Not just in the U.S.

- **Columbia:** Nov, 2014: 200 girls injected, 120 rushed to hospital. Four girls died.
- **India:** Clinical trials stopped after 6 girls died. Activists said the trial was unethical and conducted on poor tribal children who were being treated as "guinea pigs."
- **Spain:** Health Ministry of Spain ordered an emergency recall of a batch Gardasil after two adolescent girls developed seizures immediately after being vaccinated with the same batch.

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Gardasil Travesties: Not just in the U.S.

- **Japan:** The Japanese government withdrew its recommendation to support HPV vaccines after 1,968 complaints of side effects were reported.
- **Austria:** The Austrian Health Minister, withdrew HPV vaccines from the official schedule, stopped reimbursing them and to encouraged regular Pap screening instead.
- **France:** A lawsuit was filed against Merck after girls suffered extremely serious brain and spinal cord damage after being vaccinated with Gardasil.

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Gardasil and the Media

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Example of how the media is used to distort information

- ABC News, June 29, 2013: "Gardasil vaccine reduces the incidence of HPV infection in girls by 56% since the introduction of the Gardasil vaccine."

Really?

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So, what did that "56% reduction" really represent?

- **2013:** "The Journal of Infectious Diseases showed the rates of vaccine-type HPV prevalence dropped from 11.5% to 5% in girls 14 to 19 year-old-girls."

THAT **WAS THE 56% DECINE**.

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Gardasil Is Worthless

- **2011:** "At present, there are ***no significant data*** showing that either Gardasil or Cerarix can prevent **any type** of cervical cancer since the testing period employed was too short to evaluate long-term benefits of the HPV vaccination."
  - **"HPV Vaccine policy and evidence-based medicine: Are They at odds?" Annals of Medicine, October, 2011.**

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GARDASIL		GARDASIL 9	
HPV 6	20 mcg	HPV 6	30 mcg
HPV 11	40 mcg	HPV 11	40 mcg
HPV 16	40 mcg	HPV 16	60 mcg
HPV 18	20 mcg	HPV 18	40 mcg
		HPV 31	20 mcg
		HPV 33	20 mcg
		HPV 45	20 mcg
		HPV 52	20 mcg
		HPV 58	20 mcg
Al hydroxyphosphate	**225 mcg**	**Al hydroxyphosphate**	**500 mcg**
Sodium chloride	9,560 mcg	Sodium chloride	9,560 mcg
L-Histidine	780 mcg	L-Histidine	780 mcg
Polysorbate 80	50 mcg	Polysorbate 80	50 mcg
Sodium Borate	35 mcg	Sodium Borate	35 mcg
Protein	<700 mcg	Protein	<700 mcg
Trace Saccharomyces cerevisiae		Trace Saccharomyces cerevisiae	

THEREFORE: Compared to Gardasil, Gardasil 9 has 2.25-fold more protein antigen (270 µg vs. 120 µg) and 2.22-fold more aluminum adjuvant *(500 µg vs. 225 µg).*

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Gardasil 9 – Even more dangerous

- There were 2,300 adverse events, 490 were serious during trials
  - "Serious" is defined by the FDA as "requiring hospitalization, permanent impairment and possible death."
- If the test subject became pregnant within 30 days of vaccination, 27.4% had a miscarriage or stillborn baby.

That trace amount of Saccharomyces cerevisiae has been found in the vaccine and may be very significant…

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- Trace amount of the yeast DNA was found to be in the vaccines by a French laboratory.
  - It is highly possible (probable) that an antibody will be formed against S. cerevisiae
- Anti-S. cerevisiae autoantibodies (ASCAs) are considered to be 97% specific for Crohn's disease
- However, ASCAs have been found in patients with:
  - Antiophospholipid syndrome
  - Lupus
  - Type 1 diabetes mellitus
  - Rheumatoid arthritis
- Saccharomyces cerevisiae is also in Hep B vaccine given at birth.

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Gardasil Money Facts

- **As of May, 2015:** NVICP has awarded $67,250,524 to parties injured by the HPV vaccine.
  - Side effects reported include blindness, seizures, paralysis, speech problems, pancreatitis, short term memory loss and GBS.
  - Now, that includes 232 deaths....

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Until "vaccine safety" can be comprehensively demonstrated by controlled, long-term studies that examine the impact on the brain, the nervous system and the rest of the body, those who have already been vaccinated – as well as those who are currently receiving injections – are at risk of long-term illness and death.

Vaccine Safety is an oxymoron.
There can never be a "safe vaccine."
The US Supreme Court has ruled that vaccines are **"unavoidably unsafe."**

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Once you know what you know, you can't 'un-know it'

Thank you!!!

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