

FACTS

- **ALUMINUM, which is environmentally abundant, is a widely recognized neurotoxin** that inhibits more than 200 biologically important functions and causes various adverse effects in plants, animals, and humans.^{1,2}
- Chronic aluminum exposure may cause Aluminum Related Bone Disease, microcytic anemia, weakness, fatigue, visual and auditory hallucinations, memory loss, speech and language impairment, epileptic seizures, and dementia.³
- In 1996, the American Academy of Pediatrics issued a position paper on Aluminum Toxicity in Infants and Children which states, “**Aluminum is now being implicated as interfering with a variety of cellular and metabolic processes in the nervous system and in other tissues.**”⁴
- Aluminum adjuvants **lower manufacturing costs** and are used in the Hepatitis A, Hepatitis B, Haemophilus influenzae type b, Pneumococcal, and Diphtheria-Tetanus- containing vaccines.⁵
- The FDA recommendation that IV solutions for infants to contain less than 5mcg/kg of aluminum per day is curiously not applied to vaccines. The Hepatitis B vaccine, now given to most American newborns, has 250 micrograms, **about 15 times the FDA limit.**⁶ By 18 months, the vaccine schedule includes almost **5,000 mcg of injected aluminum.**⁷
- The new **Gardasil 9 vaccine has 500 mcg/dose.** With 3 recommended doses, **patients will receive 1500mcg of aluminum within 6 months**⁸

FACES



MEET KATIE. A lifelong dancer and energetic pre-teen cheerleader, Katie was healthy and vibrant. We were diligent about her health and never missed a well check. We followed our doctor’s recommendation to give her the Gardasil (HPV) shot at age 11. Within days, she began to feel fatigued and unwell. Our daughter who had danced competitively became too tired to attend school. We thought the symptoms must be related to the vaccine, but the doctors dismissed the idea. Katie’s list of symptoms included the following: 24/7 headaches and migraines and stabbing ear pain, hearing and light sensitivity, visual disturbances, fatigue and weakness, abdominal and joint pain, nausea, constant sore throat, cognitive issues such as memory and severe comprehension problems, random numbness

and tingling, weird “bug crawling” skin sensations, dizziness, fainting and heart palpitations. She slept long hours and stayed in her bedroom, shielding herself from the noise of everyday living. The next several years became consumed with looking for answers, receiving misdiagnoses and guesses, until we finally learned more about the possible dangers of the Gardasil vaccine and its destruction of the immune system. We met others with the exact same story and we started the long (possibly lifelong) process of recovering her health. We deeply regret consenting to the Gardasil vaccine, having had no idea of the severe side effects some experience. Every day, we wish we had been more informed.

¹ <https://www.ncbi.nlm.nih.gov/pubmed/21423554>

² <https://www.ncbi.nlm.nih.gov/pubmed/21568886>

³ <http://www.sciencelab.com/msds.php?msdsId=9922844>

⁴ Aluminum Toxicity in Infants and Children (RE9607), Pediatrics Volume 97, Number 3 March, 1996, pp. 413-416

⁵ <http://www.chop.edu/centers-programs/vaccine-education-center/vaccine-ingredients/aluminum>

⁶ <https://www.fda.gov/downloads/BiologicsBloodVaccines/Vaccines/ApprovedProducts/UCM110114.pdf>

⁷ <http://www.thinktwice.com/aluminum.pdf>

⁸ <https://www.fda.gov/downloads/biologicsbloodvaccines/vaccines/approvedProducts/UCM426457.pdf>