

Is Aluminum in Vaccines Safe?

If a premature baby receives more than 10 mcg of aluminum in an IV, it can accumulate in the bones and brain, and can be toxic. The FDA maximum limit 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 5 mcg (a 5 pound baby should get no more than 11 mcg of aluminum). Anything that has more than 25 mcg of aluminum is *supposed* to have a Warning label "This product contains aluminum that may be toxic..."

Research indicates that patients with impaired kidney function, including premature neonates, who receive parenteral levels of aluminum at greater than 4 to 5 mcg/kg/day accumulate aluminum at levels associated with central nervous system and bone toxicity. Tissue loading may occur at even lower rates of administration.

• 8 pound healthy baby	18.2 mcg
• 15 pound healthy baby	34.1 mcg
• 30 pound healthy toddler	68.1 mcg
• 50 pound healthy child	113.0 mcg
• 150 pound adult	340.5 mcg
• 300 pound adult	794.5 mcg

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

• Hib (PedVaxHib brand only)	225 mcg
• Hepatitis B	250 mcg
• DTaP (varies with manufacturer)	170 – 625 mcg
• Pneumococcus	125 mcg
• Hepatitis A	250 mcg
• HPV	225 mcg
• Pentacel (DTaP, HIB & Polio combo vaccine)	330 mcg
• Pediarix (DTaP, Hep B & Polio combo vaccine)	850 mcg

Hepatitis B vaccine is recommended for all infants at birth and contains 250 mcg aluminum. This one vaccine alone is **±14 TIMES THE AMOUNT OF ALUMINUM THAT IS FDA-APPROVED.**

CDC recommends up to 8 vaccinations at 2, 4 & 6 months for a total of >1,000 mcg of aluminum. This amount is above the minimum for a 350 pound adult.

<http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcr/CFRSearch.cfm?fr=201.323>

<http://vaxtruth.org/2011/08/vaccine-ingredients/>