

Scientific Facts on the Biological Effects of Fluorides

News from Mariandina Research Foundation

1. Fluoride exposure disrupts the synthesis of collagen and leads to the breakdown of collagen in bone, tendon, muscle, skin, cartilage, lungs, kidney and trachea.
2. Fluoride stimulates formulation and oxygen consumption in white blood cells, but inhibits these processes when the white blood cell is challenged by a foreign agent in the blood.
3. Fluoride depletes the energy reserves and the ability of white blood cells to properly destroy foreign agents by the process of phagocytosis. As little as 0.2 ppm fluoride stimulates superoxide production in resting white blood cells, virtually abolishing phagocytosis. Even micro-molar amounts of fluoride, below 1 ppm, may seriously destroy the ability of white blood cells to pathogenic agents.
4. Fluoride confuses the immune system and causes it to attack the body's own tissues, and increases the tumor growth rate in cancer prone individuals.
5. Fluoride inhibits antibody formation in the blood.
6. Fluoride depresses thyroid activity.
7. Fluorides have a disruptive effect on various tissues in the body.
8. Fluoride promotes development of bone cancer.
9. Fluorides cause premature aging of the human body.
10. Fluoride ingestion for mouth rinses and dentifrices in children is extremely hazardous to biological development, life span and general health.



The contents of a family size tube of fluoridated toothpaste is enough to kill a 25 pound child.

In 1991, the Akron (Ohio) Regional Poison Control Center reported that "Death has been reported following ingestion of 16mg/kg of fluoride." Only 1/10 of an ounce of fluoride can kill a 100 pound adult. According to the Center, "fluoride toothpaste contains up to 1mg/gram of fluoride." Even Proctor and Gamble, the makers of Crest, acknowledge that a family-sized tube "theoretically contains enough fluoride to kill a small child."

Fluorides have been used to modify behavior and mood of human beings.

It is a little known fact that fluoride compounds were added to the drinking water of prisoners to keep them docile and inhibit questioning of authority, both in Nazi prison camps in World War II and in the Soviet gulags in Siberia.

Fluorides are medically categorized as protoplasmic poisons, which is why they are used to kill rodents.

Fluoride supplements. - such as fluoride tablets and fluoride chewing gum - are promoted by dentists to fight dental caries. They have been sold in Belgium without a doctor's prescription.

The ministry made the decision after the results of a study commissioned by an advisory board found that excessive use of fluoride products could cause fluoride poisoning, damage the nervous system and foster osteoporosis, where bones become weak and fragile, said the spokesman.