

Book:

Fluoride the Aging Factor

by Dr. John Yiamouyiannis

Cancer

Cancer Death Rate

250

225

200

175

150

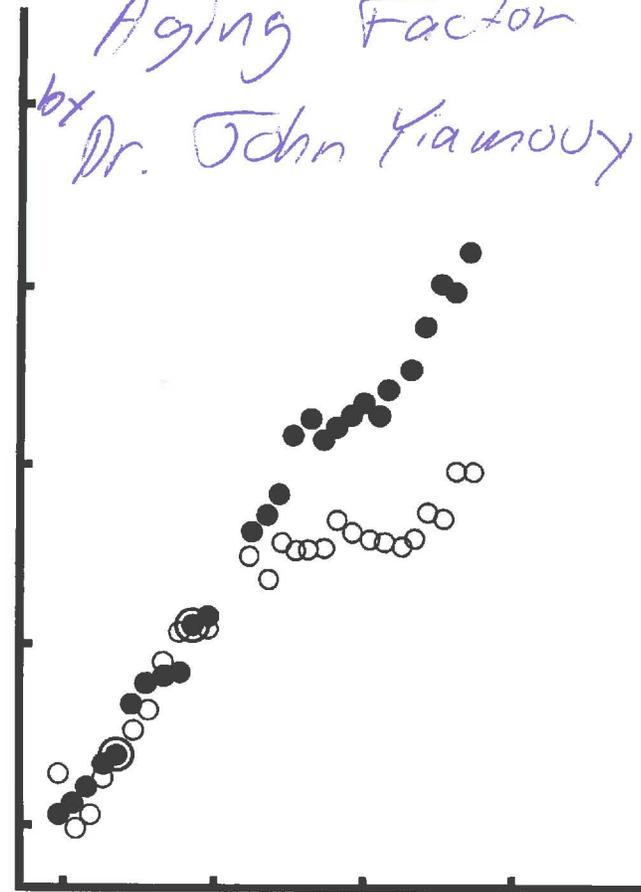
1940

1950

1960

1970

Year



The vertical axis represents cancer death rate in terms of deaths per 100,000 population. The horizontal axis represents years from 1940 through 1970. The solid dots represent the year-by-year average cancer death rates of the ten largest cities fluoridated before 1957. The open circles represent the year-by-year average cancer death rate of the ten largest nonfluoridated cities — with comparable cancer death rates during the prefluoridation period (1940-1950) — which had not fluoridated before 1969. Fluoridation of the cities represented by solid dots began between 1952 and 1956. The data were obtained from standard government sources of vital statistics and census figures. (Data were not available for 1951 and 1952.) This graph represents one million cancer deaths, the cancer experience of 18 million Americans over 30 years.

Similar types of transformations of normal cells to potentially cancerous cells have been observed in humans. Dr. Paul H. Duffey and co-workers from the Tucson Medical Center found that certain white blood cells were transformed into cells which appeared to be cancerous during the treatment of an osteoporosis patient with fluoride. After discontinuance of the fluoride treatments, the cancer-like cells disappeared.

Based on the studies of Herskowitz and Norton and Duffey, as well as studies by Drs. Taylor and Taylor from the University of Texas at Austin which found that one part per million fluoride in the drinking water increased tumor growth rate in mice by 25%, Dr. Dean Burk, former chief chemist of the National Cancer Institute, and Dr. John Yiamouyiannis began a series of studies to determine whether they could observe an increase in cancer death rates among human populations after fluoridation of their water supplies.

They compared the cancer death rate of the ten largest fluoridated cities with the cancer death rate of the ten largest nonfluoridated cities that had comparable cancer death rates from 1940 to 1950, a period of time during which neither group of cities was fluoridated.

Fluoridated Cities

Nonfluoridated Cities

- Chicago
- Philadelphia
- Baltimore
- Cleveland
- Washington
- Milwaukee
- St. Louis
- San Francisco
- Pittsburgh
- Buffalo

- Los Angeles
- Boston
- New Orleans
- Seattle
- Cincinnati
- Atlanta
- Kansas City
- Columbus
- Newark
- Portland

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State releases health goal for arsenic in drinking water

Sacramento – California set a public health goal for arsenic in drinking water April 23, so low it can't be measured by existing technology – one far below a pending federal standard that already is projected to cost local ratepayers more than \$80 million.

The health goal of four parts per trillion means arsenic wouldn't cause more than one additional cancer case in a population of 1 million people drinking two liters of water daily for 70 years, said the California Environmental Protection Agency's Office of Environmental Health Hazard Assessment.

The goal is about 2,500 times lower than the federal standard of 10 parts per billion that will take effect in 2006. The present federal standard is 50 parts per billion. Cutting concentrations to parts per trillion, to the now undetectable trace levels, "is a long-term objective. This goal is not going to be met anytime soon," said EPA assessment office spokesman Allan Hirsch.

The EPA based its goal on studies of hundreds of thousands of patients in

Taiwan, Chile, and Argentina with lung and bladder cancers blamed on high arsenic levels in drinking water there. Arsenic also increases the risk of skin, liver, and kidney cancer. The EPA was supposed to set its health goal by Jan. 1, 2003; the same law gives Health Services until June 30 to adopt a new arsenic standard.

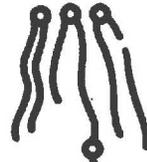
"We certainly will be pushing them to meet that June deadline and to get to that goal as soon as possible," said Gina Solomon, a senior scientist with the Natural Resources Defense Council, which sued the federal EPA in 2000 to force the updated standard. EPA has established an even loftier long-term public health goal: no arsenic in drinking water.

Associated Press

A decline in DNA repair activity with 'age' is one of the primary reasons why the incidence of cancer among older people is so much higher than the cancer incidence among younger people. The defective DNA repair enzyme in patients with xeroderma pigmentosum accelerates the aging process to the extent that xeroderma pigmentosum patients in their 20s have the same cancer risk as 'normal' people in their 80s.

Dr. Wolfgang Klein and co-workers at the Seibersdorf Research Center in Austria reported that 1 part per million fluoride inhibits DNA repair enzyme activity by 50%. Since fluoride inhibits DNA repair enzyme activity, fluoride should also be expected to lead to an increase in genetic or chromosome damage.

This has indeed been found to occur in numerous studies showing that fluoride in water, even at the concentration of 1 part per million, can cause chromosome damage.



Normal Chromosomes

Damaged Chromosomes

The following table outlines the results of laboratory studies regarding the effect of fluoride on genetic damage in mammals.

Year	Institution	Animal	Findings
1973	Russian Research Institute of Industrial Health and Occupational Diseases	rat	fluoride causes genetic damage
1974	Columbia University College of Physicians and Surgeons (USA)	mouse/ sheep/cow	fluoride causes genetic damage
1978	Pomeranian Medical Academy (Poland)	human blood cells	fluoride causes genetic damage
1979	National Institute of Dental Research (USA)	mouse	fluoride does not* cause genetic damage
1981	Institute of Botany, Baku (USSR)	rat (3 studies)	fluoride causes genetic damage
1982	University of Missouri, Kansas City (USA)	mouse	fluoride causes genetic damage
1983	Kunming Institute of Zoology (Peop. Rep. China)	deer	fluoride causes genetic damage
1983	Kunming Institute of Zoology (Peop. Rep. China)	human blood cells	fluoride causes genetic damage
1984	Nippon Dental University, Tokyo (Japan)	hamster embryo cell	fluoride causes genetic damage
1984	Nippon Dental University, Tokyo (Japan)	human cell culture	fluoride causes genetic damage

Public Record

I would like to be on the Agenda to speak about fluoride

The Aging Factor

1984	Tokyo Medical and Dental University (Japan)	human blood cells	fluoride causes genetic damage
1985	Medical Research Council, Edinburgh (UK)	human blood cells	fluoride causes genetic damage
1986	University of Sussex (UK)	mouse lymphoma cells	fluoride causes genetic damage
1987	Paterson Institute for Cancer Research (UK)	human cell culture	fluoride causes genetic damage
1987	National Institute of Environmental Health Sciences (USA)	mouse lymphoma cells	fluoride causes genetic damage
1987	ICI Pharmaceuticals (UK)	human blood cells	fluoride causes genetic damage
1987	Institute of Pitaniia (USSR)	rat bone marrow cells	fluoride causes genetic damage
1989	Procter and Gamble (USA)	hamster ovary cells	fluoride causes genetic damage
1989	Nippon Dental University, Tokyo (Japan)	human cell culture	fluoride causes genetic damage

*A prepublication copy of this paper was submitted as an exhibit in a court case in Pittsburgh (USA). During trial, it was brought out that the results showed that increasing the fluoride content of drinking water increased genetic damage in mouse testes cells. Before the paper was published these figures were altered so as to destroy the original figures showing a relation between fluoride and genetic damage (see Chapter 16).

Genetic Damage

Among the most relevant of these studies are those of Dr. Aly Mohamed, a geneticist at the University of Missouri. They show that one part per million fluoride in the drinking water of mice causes chromosomal damage. These studies also show that as the fluoride content of the water increases, the degree of chromosomal damage increases in both testes and bone marrow. The results are presented in the following table:

CHROMOSOME DAMAGE CAUSED BY FLUORIDE

Fluoride (ppm)	Percent of Cells with Chromosomal Damage			
	Bone Marrow		Testes	
	3 weeks	6 weeks	3 weeks	6 weeks
0	18.4	19.3	16.0	15.8
1	25.7	32.1	21.4	21.1
5	29.9	41.3	23.2	22.8
10	35.5	46.0	30.5	29.7
50	44.6	47.1	34.3	41.3
100	47.5	47.9	40.3	48.2
200	45.6	49.2	42.5	50.3

Chromosomes (and thus any chromosomal abnormalities that may occur) are only visible while the cell is dividing. Therefore, Dr. Mohamed studied bone marrow and testes cells because they divide rapidly.

Since the testes cells give rise to sperm cells which are passed on to future generations, genetic damage to these testes cells can lead to birth defects and other metabolic disorders which can be passed on from generation to generation.

Studies by Procter and Gamble showed that fluoride at levels of less than 1ppm caused genetic damage in Chinese hamster ovary cells, as can be seen from the following table, which summarizes the statistically significant data from a paper they published in *Mutation Research* in 1989.

CHROMOSOME DAMAGE CAUSED BY FLUORIDE

Fluoride (ppm)	Percent of Cells with Chromosomal Damage
0	2
.5	6
11	8
23	16
34	29
45	32

Early studies regarding the ability of fluoride to cause chromosomal damage were done on plants and insects and as a result drew little attention. However, since the basic structure, function, and repair of chromosomes is similar in plants, insects, and animals, substances like fluoride which cause genetic damage in plants and insects, will most likely cause genetic damage in animals — including man.

The following table outlines the results of laboratory studies regarding the effect of fluoride on genetic damage in plants and insects.

Year	Institution	Plant or Insect Used	Findings
1966	Texas A & M University (USA)	Onion	fluoride causes genetic damage
1966	Texas A & M University (USA)	Tomato	fluoride causes genetic damage
1968	University of Missouri Kansas City (USA)	Tomato	fluoride causes genetic damage
1970	University of Missouri Kansas City (USA)	Maize	fluoride causes genetic damage
1970	University of Missouri Kansas City (USA)	Fruit Fly	fluoride causes genetic damage

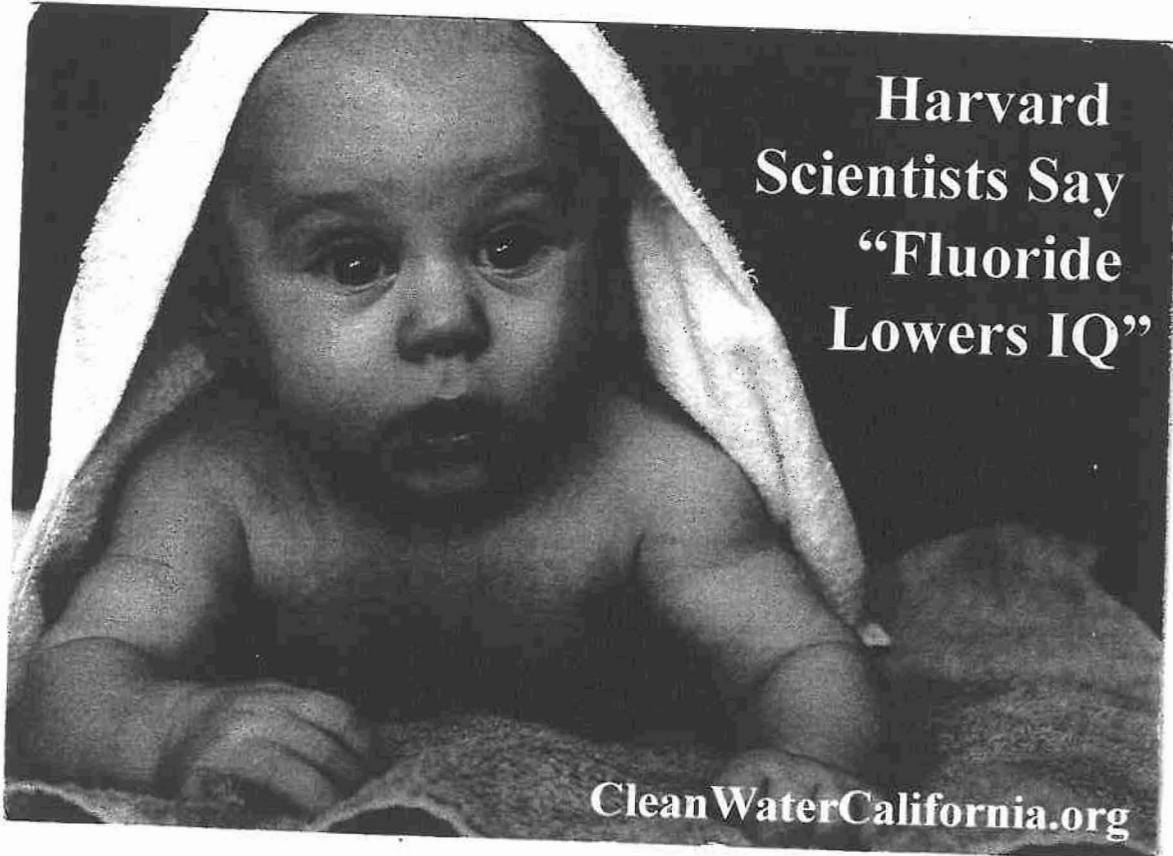
Genetic Damage

1971	Texas A&M University (USA)	Fruit Fly	fluoride causes genetic damage
1973	Texas A&M University (USA)	Fruit Fly	fluoride causes genetic damage
1973	Central Laboratory for Mutagen Testing (W. Germany)	Fruit Fly	fluoride causes genetic damage
1973	Texas A&M University (USA)	Barley (2)	fluoride causes genetic damage
1982	Institute of Botany Baku (USSR)	Onion	fluoride causes genetic damage
1983	Institute of Botany Baku (USSR)	Onion	fluoride causes genetic damage

Drs. R.N. Mukherjee and F.H. Sobels from the University of Leiden in Holland found that fluoride increased the frequency of genetic damage in sperm cells of laboratory animals exposed to X-rays. It is evident from their studies that fluoride inhibited the repair of DNA damaged by X-rays. The authors concluded: "sodium fluoride resulted in a consistent and highly significant increase of the mutation [i.e. genetic damage] frequency. This effect is thought to result from interference with a repair process."

In agreement with Drs. Mukherjee and Sobels were Dr. S.I. Voroshilin and co-workers from the Russian Research Institute of Industrial Health and Occupational Diseases. From their studies they concluded: "It would seem to us that fluoride could cause some kind of disturbance in the enzymes that are related to the mechanisms of DNA repair and synthesis."

Dr. Danuta Jachimczak and co-workers from the Pomeranian Medical Academy in Poland reported that as little as 0.6 part per million fluoride produces chromosomal damage in human white blood cells. This study has received support from two



Harvard Study Confirms Fluoride Reduces Children's IQ

A recently-published Harvard University meta-analysis funded by the National Institutes of Health (NIH) has concluded that children who live in areas with highly fluoridated water have "significantly lower" IQ scores than those who live in low fluoride areas.

Developmental Fluoride Neurotoxicity: A Systematic Review and Meta-Analysis.

Anna L. Choi, Guifan Sun, Ying Zhang, and Philippe Grandjean.

Environ Health Perspect. Oct. 2012. Vol. 120-10 1362-1368

ADA Urges Parents NOT to Use Fluoride in Baby Formula

“Infants less than one year old may be getting more than the optimal amount of fluoride (which may increase their risk of enamel fluorosis) if their primary source of nutrition is powdered or liquid concentrate infant formula mixed with water containing fluoride... If using a product that needs to be reconstituted, parents and caregivers should consider using water that has no or low levels of fluoride.”

American Dental Association (2006).

Interim Guidance on Reconstituted Infant Formula. November 9, 2006.

For more information go to FluorideAlert.org

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PURCHASE ORDER



ALAMEDA COUNTY WATER DISTRICT
 43885 SOUTH GRIMMER BOULEVARD • FREMONT, CALIFORNIA 94538
 PHONE (510) 668-4291 • FAX (510) 249-9483

DATE ORDERED 12/21/12
 PAGE NUMBER 1 of 2

VENDOR NUMBER 10771

VENDOR
 Pencco Inc
 P O Box 600
 San Felipe TX 77473

**S
H
I
P
T
O**
 Alameda County Water District Facilities
 Water Treatment Plant No. 2, Mission
 San Jose Water Treatment Plant, Blending
 Facility and Desalination Facility
 CA

CONFIRMATION

DATE PREPARED 12/21/12
 DELIVERY DATE 01/01/13
 F.O.B. POINT Destination

CONFIRMED TO Sarah Duffy
 REQUISITIONED BY K AGYARE
 SHIPPING INSTRUCTIONS Freight Included

PHONE 979 885-0005 79702A
 PAYMENT TERMS Net 30 Day

ITEM	QUANTITY	UNIT	INVENTORY NO.	DESCRIPTION	UNIT PRICE	UNIT	EXTENSION
1.000				<p><i>This purchase order was approved by Alameda County Water District's Board of Directors on December 13, 2012, Agenda Item 5.13. All specifications, materials, delivery, pricing, terms and conditions shall be in accordance with Alameda County Water District's Request For Quotation 3072 opened 11/09/11 at 2 p.m and email dated 10/15/12 from Sarah Duffy with Pencco. APPROVAL OF RECEIPT IS REQUIRED.</i></p> <p>Hydrofluosilicic Acid Yearly purchase order effective January 1, 2013 through December 31, 2013 to supply and deliver Hydrofluosilicic Acid (billing weight as 23% H₂SiF₆) with an estimated quantity of 57 dry tons @ \$2,582.61.</p> <p><i>This product is an additive to public water, therefore it is not taxable.</i></p> <p><i>Delivery locations of Hydrofluosilicic Acid: Operator will indicate where to deliver. For delivery of Water Treatment Chemicals, please call for authorization access/entry for the following locations:</i></p> <p>1. Water Treatment Plant No. 2 (WTP2), 42436 Mission Blvd. in Fremont, CA 94539. Treatment Plant Operators @ 510-668-6636, 510-668-7636, or 510-657-6151. (2255.1302.240)</p> <p>2. Mission San Jose Water Treatment Plant (MSJWTP), 42500 Vargas Road in Fremont, CA 94539. Treatment Plant Operators @ 510-668-6646 or 510-668-6645. (2242.1302.240)</p> <p>3. Blending Facility, 1111 Mowry Ave. in Fremont, CA 94536. Contact Treatment Facility Operator (TFO) @ 510-668-6645 at MSJWTP first and ask the TFO there to notify the TFO responsible for receiving delivery at the Blending Facility. If no answer at MSJWTP then call the TFO at WTP2 @ 510-668-6636. (2212.1302.240)</p> <p>4. Newark Desalination Facility, 6833 Redeker Place in Newark, CA 94560. This facility is unmanned and access must be pre-arranged 24 hours in advance. Contact TFO @ 510-668-6645 at MSJWTP first and ask the TFO there to notify the TFO who is responsible for receiving delivery at the Newark Desalination Facility. If no answer at MSJWTP, call TFO at WTP2 @ 510-668-6636. (2272.1302.240)</p>			152,943.00

Instructions to vendor: 1. Acceptance of this order is expressly limited to the terms and conditions on the face and reverse sides thereof. 2. Purchase order number must appear on all invoices, packing slips, statements, containers and correspondence. 3. Invoice in duplicate to: Alameda County Water District, P.O. Box 5110, Fremont, CA 94537-5110. 4. No C.O.D. or Freight Collect shipments will be accepted. All charges must be prepaid and a copy of freight bill attached. 5. Sales tax must be shown as a separate item on invoice. 6. District is exempt from federal excise tax.

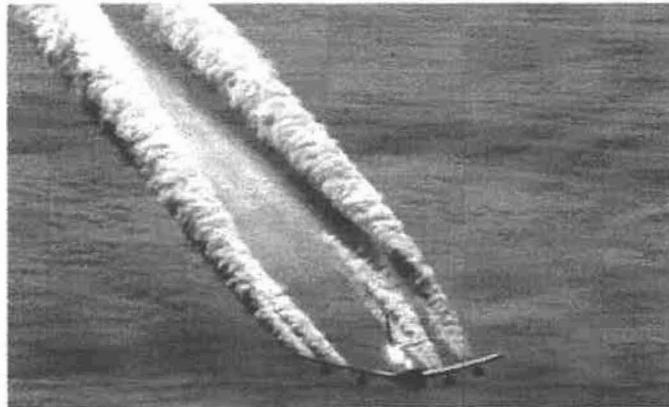
SUBTOTAL
 SALES TAX
 TOTAL ORDER

Shelley Burgett

Health & Wellness

Australia determined to vaccinate by release of aerosolized GMO vaccine

Dave Mihalovic
TheViralPost
Wed, 04 Dec 2013 20:54 CET



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The Office of the Gene Technology Regulator (OGTR) is on its way to approve a licence application from PaxVax Australia (PaxVax) for the intentional release of a GMO vaccine consisting of live bacteria into the environment in Queensland, South Australia, Western Australia and Victoria.

According to the regulator, it qualifies as a limited and controlled release under section 50A of the *Gene Technology Act 2000* (the Act).

PaxVax is seeking approval to conduct the clinical trial of a genetically modified live bacterial vaccine against cholera. Once underway the trial is expected to be completed within one year, with trial sites selected from local government areas (LGAs) in Queensland, South Australia, Victoria and Western Australia.

PaxVax has proposed a number of control measures they say will restrict the spread and persistence of the GM vaccine and its introduced genetic material, however there is always a possibility of these restrictions failing and infecting wildlife and ecosystems.

Aerial vaccines have used in the United States directed towards animals by the use of plastic packets dropped by planes or helicopters.

Sanofi (who is one of the largest vaccine manufacturers in the world) has subsidiary companies such as Merial Limited who manufacture Raboral, an oral live-virus poisonous to humans yet distributed wildlife in the masses.

In 2006 Michael Greenwood wrote an article for the Yale School of Public Health entitled, "Aerial Spraying Effectively Reduces Incidence of West Nile Virus (WNV) in Humans."



© The Viral Post.com

The article stated that the incidence of human West Nile virus cases can be significantly reduced through large scale aerial spraying that targets adult mosquitoes, according to research by the Yale School of Public Health and the California Department of Public Health.

Under the mandate for aerial spraying for specific vectors that pose a threat to human health, aerial vaccines known as DNA Vaccine Enhancements and Recombinant Vaccine against WNV may be tested or used to "protect" the people from vector

infection exposures.

DNA vaccine enhancements specifically use Epstein-Barr viral capsids with multi human complement class II activators to neutralize antibodies. The recombinant vaccines against WNV use Rabbit Beta-globulin or the poly (A) signal of the SV40 virus.

In early studies of DNA vaccines it was found that the negative result studies would go into the category of future developmental research projects in gene therapy.

During the studies of poly (A) signaling of the SV40 for WNV vaccines, it was observed that WNV will lie dormant in individuals who were exposed to chicken pox, thus upon exposure to WNV aerial vaccines the potential for the release of chicken pox virus would cause a greater risk to having adult onset Shingles.

CALIFORNIA AERIAL SPRAYING for WNV and SV40

In February 2009 to present date, aerial spraying for the WNV occurred in major cities within the State of California. During spraying of Anaheim, CA a Caucasian female (age 50) was exposed to heavy spraying, while doing her daily exercise of walking several miles.

Heavy helicopter activity occurred for several days in this area. After spraying, she experienced light headedness, nausea, muscle aches and increased low back pain.

She was evaluated for toxicological mechanisms that were associated with pesticide exposure due to aerial spraying utilizing advanced biological monitoring testing.

The test results which included protein band testing utilizing Protein Coupled Response (PCR) methods were positive for KD-45. KD-45 is the protein band for SV-40 Simian Green Monkey virus.

Additional tests were performed for Epstein-Barr virus capsid and Cytomegalia virus which are used in bioengineering for gene delivery systems through viral protein envelope and adenoviral protein envelope technology.

The individual was positive for both; indicating a highly probable exposure to a DNA vaccination delivery system through nasal inhalation.

Pentagon Document Revealed Aerial Vaccination Plans

In the Quarterly FunVax Review in June, 2007, the report lists the objective of a project listed as ID: 149AZ2 as a preparation of a viral vector that will inhibit/decrease the expression of a specific disruption gene (VMAT2) within a human population.



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Fluoride Hardens Your Arteries - Odds Are 6 in 10 You're Consuming This Poison Ingredient Daily

May 21, 2012 | 259,323 views

By Dr. Mercola

It's no secret that cardiovascular disease is the leading cause of death worldwide. But how many people realize that fluoride—which is still added to many municipal water supplies in the U.S.—is linked to heart disease?

In a new study published in the journal *Nuclear Medicine Communications*¹, researchers found that fluoride may be associated with an increased cardiovascular risk as it causes hardening of your arteries.

Reviewing the imaging data and cardiovascular history of patients who received whole-body sodium fluoride PET scans, the researchers found a significant correlation between a history of cardiovascular events and presence of fluoride uptake in coronary arteries.

While there are certainly many factors contributing to the rise in heart disease—poor diet likely being the most important—it certainly doesn't help to add a chemical to water supplies that will be consumed by *everyone* in the area regardless of health status, from toddlers to seniors, that might contribute to the problem.

The primary issue here is that there's a lack of evidence supporting the use of fluoride, and an awful lot of evidence stacked against the indiscriminate use of it, including these latest findings.

The practice of adding fluoride to tap water began in 1945. With more than 70 percent of U.S. public water supplies currently fluoridated, chances are you're one of the 170 million Americans who drink and bathe in fluoride on a daily basis.²

Story at-a-glance

Recent research shows that fluoride may be associated with an increased risk of heart disease as it causes hardening of your arteries

Fluoride is a cumulative poison—approximately 98 percent of the fluoride you ingest in water is absorbed into your blood through your gastrointestinal tract, from where it then enters and accumulates in your body's cellular tissues, including your kidneys, teeth and bones, pineal gland, and the walls of your blood vessels

Common health hazards of fluoride include reduced IQ, increased lead absorption, dementia, bone fractures, dental and skeletal fluorosis, immune system disruptions, and many other health problems

It's important to understand that the “fluoride” added to your drinking water is not the natural mineral, nor a pharmaceutical grade fluoride. Instead, the fluoride compound most commonly used is the toxic waste product from phosphate fertilizer plants

Most Popular

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Most likely, your dentist—along with countless government and public health officials—has praised and promoted the use of fluoride, both in toothpaste and drinking water, as one of your must-do regimens to promote strong and healthy teeth.

But let's make this point clear right from the start: fluoride is *not* an essential nutrient needed for your health—dental or otherwise. There is not one single process in your body that requires fluoride.

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Fluoride is a Cumulative Poison

It's important to realize that fluoride is a cumulative poison. Approximately 98 percent of the fluoride you ingest in water is absorbed into your blood through your gastrointestinal tract. From there, it enters your body's cellular tissues. On average, about 50 percent of the fluoride you ingest each day gets excreted through your kidneys.

Whether this happens or not is highly dependent on the presence of calcium, magnesium, Vitamin C, and selenium in your bloodstream, to which the fluoride will bind so that it no longer is seeking calcium-rich tissues that make up so much of your body. The remainder accumulates in your teeth and bones,³ pineal gland,⁴ and other tissues, including your blood vessels.

According to the featured study:

"Fluoride uptake in vascular walls was demonstrated in 361 sites of 54 (96%) patients, whereas calcification was observed in 317 sites of 49 (88%) patients. Significant correlation between fluoride uptake and calcification was observed in most of the arterial walls, except in those of the abdominal aorta. Fluoride uptake in coronary arteries was demonstrated in 28 (46%) patients and coronary calcifications were observed in 34 (56%) patients."

The amount deposited into your bones and teeth varies depending on your age. In children, more than 50 percent of an ingested dose of fluoride is deposited in bone, but in adults only about 10 percent is stored there. As the number of research studies into the toxic effects of fluoride has increased, there is now support for a rather long list of potential health problems related to fluoride accumulation in your body.

Here's a list of 20 of the most commonly mentioned health hazards and diseases associated with fluoride exposure:^{5,6}

Lowers IQ	Hyperactivity and/or lethargy ⁸	Increases lead absorption ⁹	Disrupts synthesis of collagen
Brain damage	Dementia	Muscle disorders	Arthritis
Bone fractures ⁷	Bone cancer (osteosarcoma)	Dental fluorosis (staining and pitting of teeth)	Lowers thyroid function
Disrupts immune system	Inhibits formation of antibodies	Genetic damage and cell death ¹⁰	Inactivates 62 enzymes ¹²
Increases tumor and cancer rate	Increases aging process	Reduces melatonin production and leads to earlier	Damages sperm, increases infertility

Fluoride—the Toxic Drug in Your Water Supply

Prior to 1945 when communal water fluoridation took effect, fluoride was a known toxin. For example, a 1936 issue of the *Journal of the American Dental Association* stated that fluoride at the 1 ppm (part per million) concentration is as toxic as arsenic and lead. The *Journal of the American Medical Association* stated in their September 18, 1943 issue, that fluorides are general protoplasmic poisons that change the permeability of the cell membrane by certain enzymes.¹³ And, an editorial published in the *Journal of the American Dental Association*, October 1, 1944, stated:

"Drinking water containing as little as 1.2 ppm fluoride will cause developmental disturbances. We cannot run the risk of producing such serious systemic disturbances. The potentialities for harm outweigh those for good."

How community water fluoridation ended up being so widely implemented, and eventually even became heralded as one of the 10 great public health achievements of the 20th century, is explained in-depth in Christopher Bryson's book *The Fluoride Deception*.¹⁴ In it, he describes the intertwined interests that existed in the 1940's and 50's between the aluminum industry, the U.S. nuclear weapons program, and the dental industry, which resulted in fluoride being declared not only safe, but beneficial to human health. Once you understand the historical context, it becomes easier to grasp *why* anyone would ever promote water fluoridation as "a good idea."

Due to the massive amounts of fluoride required to produce bomb-grade uranium and plutonium for nuclear weapons, the Manhattan Project conducted various experiments to determine its toxic effects in 1946.

There were already several instances on record of fluoride being toxic to crops, livestock and people living downwind from the polluters, so the public concern over fluoride emissions needed to be quelled in order to avoid potentially crippling lawsuits.

Within the now declassified files of the Manhattan Project and the Atomic Energy Commission, Christopher Bryson found that the toxicology department at the University of Rochester, under the direction of Harold Hodge, was asked to produce medical information about fluoride that could help defend the government against lawsuits where they were charged with fluoride pollution. Back in 1957, Harold Hodge was the nation's leading, most trusted scientist, and when he declared that fluoride was "absolutely safe" at 1 ppm, everyone believed him.

So, the endorsement of fluoride as a nutrient that will grace you with brilliant pearly whites, rather than the poison it really is, was born from the need to address increasingly debilitating political and industrial problems relating to fluoride pollution. The rest, as they say, is history.

What's Really Added to Your Water Supply?

It's important to understand that the "fluoride" added to your drinking water is NOT the natural mineral, nor a pharmaceutical grade fluoride. Instead, the product most commonly used is another chemical fluoride compound—a toxic waste product from phosphate fertilizer plants.

There are three basic compounds that can be used for fluoridating water supplies:¹⁵

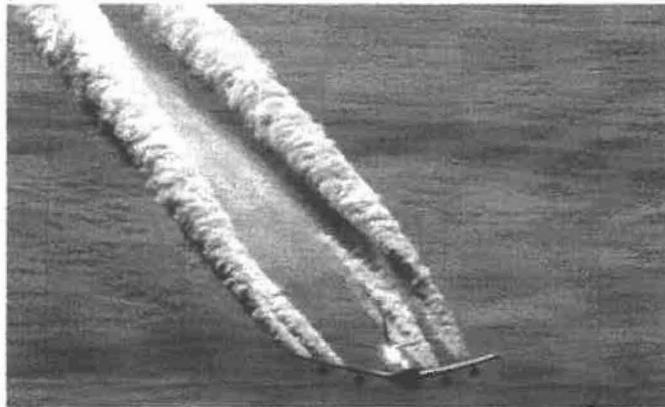
1. Sodium fluoride (NaF)
2. Sodium silicofluoride
3. Hydrofluorosilicic acid

The first one of these, sodium fluoride, was the first of the fluoride waste materials to be used for fluoridation, but now is rarely used. It's the most well known, as this is the compound used as pharmaceutical grade in toxicology studies and other research into the potential health dangers of fluoride. The other two, sodium

Health & Wellness

Australia determined to vaccinate by release of aerosolized GMO vaccine

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The Office of the Gene Technology Regulator (OGTR) is on its way to approve a licence application from PaxVax Australia (PaxVax) for the intentional release of a GMO vaccine consisting of live bacteria into the environment in Queensland, South Australia, Western Australia and Victoria.

According to the regulator, it qualifies as a limited and controlled release under section 50A of the *Gene Technology Act 2000* (the Act).

PaxVax is seeking approval to conduct the clinical trial of a genetically modified live bacterial vaccine against cholera. Once underway the trial is expected to be completed within one year, with trial sites selected from local government areas (LGAs) in Queensland, South Australia, Victoria and Western Australia.

PaxVax has proposed a number of control measures they say will restrict the spread and persistence of the GM vaccine and its introduced genetic material, however there is always a possibility of these restrictions failing and infecting wildlife and ecosystems.

Aerial vaccines have used in the United States directed towards animals by the use of plastic packets dropped by planes or helicopters.

Sanofi (who is one of the largest vaccine manufacturers in the world) has subsidiary companies such as Merial Limited who manufacture Raboral, an oral live-virus poisonous to humans yet distributed wildlife in the masses.

In 2006 Michael Greenwood wrote an article for the Yale School of Public Health entitled, "Aerial Spraying Effectively Reduces Incidence of West Nile Virus (WNV) in Humans."



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The article stated that the incidence of human West Nile virus cases can be significantly reduced through large scale aerial spraying that targets adult mosquitoes, according to research by the Yale School of Public Health and the California Department of Public Health.

Under the mandate for aerial spraying for specific vectors that pose a threat to human health, aerial vaccines known as DNA Vaccine Enhancements and Recombinant Vaccine against WNV may be tested or used to "protect" the people from vector

infection exposures.

DNA vaccine enhancements specifically use Epstein-Barr viral capsids with multi human complement class II activators to neutralize antibodies. The recombinant vaccines against WNV use Rabbit Beta-globulin or the poly (A) signal of the SV40 virus.

In early studies of DNA vaccines it was found that the negative result studies would go into the category of future developmental research projects in gene therapy.

During the studies of poly (A) signaling of the SV40 for WNV vaccines, it was observed that WNV will lie dormant in individuals who were exposed to chicken pox, thus upon exposure to WNV aerial vaccines the potential for the release of chicken pox virus would cause a greater risk to having adult onset Shingles.

CALIFORNIA AERIAL SPRAYING for WNV and SV40

In February 2009 to present date, aerial spraying for the WNV occurred in major cities within the State of California. During spraying of Anaheim, CA a Caucasian female (age 50) was exposed to heavy spraying, while doing her daily exercise of walking several miles.

Heavy helicopter activity occurred for several days in this area. After spraying, she experienced light headedness, nausea, muscle aches and increased low back pain.

She was evaluated for toxicological mechanisms that were associated with pesticide exposure due to aerial spraying utilizing advanced biological monitoring testing.

The test results which included protein band testing utilizing Protein Coupled Response (PCR) methods were positive for KD-45. KD-45 is the protein band for SV-40 Simian Green Monkey virus.

Additional tests were performed for Epstein-Barr virus capsid and Cytomegalia virus which are used in bioengineering for gene delivery systems through viral protein envelope and adenoviral protein envelope technology.

The individual was positive for both; indicating a highly probable exposure to a DNA vaccination delivery system through nasal inhalation.

Pentagon Document Revealed Aerial Vaccination Plans

In the Quarterly FunVax Review in June, 2007, the report lists the objective of a project listed as ID: 149AZ2 as a preparation of a viral vector that will inhibit/decrease the expression of a specific disruption gene (VMAT2) within a human population.