SPORTS INJURIES AUSTRALIA WIDE EPIDEMIC

SPORTS injuries caused from overuse are becoming more common among children and adolescents, Adelaide orthopedic surgeons have warned. South Australia fluoridated since 1971.


Fluoride magnifies impact of repetitive stress on joints
http://www.fluoridealert.org/studies/arthritis04/

More here: http://www.fluoridealert.org/?s=joint+and+bone+fluoride

And then this information below is from Robert Gammal's website, he is a practicing dentist.

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.

A.K. Susheela and Mohan Jha, "Effects of Fluoride on Cortical and Cancellous Bone Composition", IRCS Medical Sciences: Library Compendium, Vol 9, No.11, pp.1021-1022 (1981);


+ FLUORIDE: THE AGING FACTOR’
Extract:
Dr. John Yiamouyiannis was, until his death in the fall of 2000, the world's leading authority on the biological effects of fluoride. His formal education included a B.S. in biochemistry from the University of Chicago and a Ph.D in biochemistry from the University of Rhode Island. After a year
of postdoctoral research at Western Reserve University Medical School, Yiamouyiannis went on to become biochemical editor at Chemical Abstracts Service, the world's largest chemical information center. It was at Chemical Abstracts Service, where Yiamouyiannis became interested in the damaging effects of fluoride.

Chapter 4 - Breaking Down the Body's Glue

All animals, including humans, are made up of cells. The cell, the basic unit of life, can be identified under a microscope by its outer membrane and a nucleus within the membrane.

Some cells are able to produce a protein called collagen. In this book, the term "collagen" refers to collagen as well as collagen-like proteins. This process occurs inside the cell. Little globules called vesicles carry the collagen from the inside of the cell to the cell membrane where it is released to the outside of the cell. There, the collagen thickens into fibers.

The five different types of cells capable of producing and releasing collagen in this way are:
- fibroblasts, which produce collagen for the structural support of skin, tendons, ligaments and muscle;
- chondroblasts, which produce collagen for the structural support of cartilage;
- osteoblasts, which produce collagen for the structural foundation and framework upon which calcium and phosphate are deposited, giving rise to bone;
- ameloblasts, which produce collagen for the structural foundation and framework upon which calcium and phosphate are deposited, giving rise to tooth enamel;
- odontoblasts, which produce collagen for the structural foundation and framework upon which calcium and phosphate are deposited, giving rise to the inner part of the tooth. This material is called dentin.

Like other proteins, collagen is composed of amino acids linked together in a chain. However, collagen contains two additional amino acids, hydroxyproline and hydroxylysine, not found in other proteins. Thus when collagen breaks down, the hydroxyproline and hydroxylysine levels in the blood and urine increase.

Researchers from Harvard University and the National Institutes of Health knew in the 1960s that fluoride disrupted collagen synthesis. It was not until 1979-1981, however, that a new flurry of research activity in this area began. End Extract http://www.fluoridealert.org/aging-factor.htm

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ARTHRITIS
THE ARTHRITIS TRUST OF AMERICA ON "FLUORIDE"
FLUORIDATION: GOVERNMENTALLY APPROVED POISON
THE RHEUMATOID DISEASE FOUNDATION

The City Commissioners turned to me, and asked my opinion. Being somewhat naive and sans research, I agreed with the nurse, and so together we naively, innocently, and stupidly added fluoride to the City of Fairview's (Tennessee) water supply, and that addition continues to this date, despite the fact that the citizens of the City of Fairview, TN have never had an opportunity to know the pros and cons of fluoridation or to vote for or against the issue.

We unknowingly doomed hundreds of Fairview citizens to Arthrosis, vertebral and hip fracture, osteosarcoma (cancer), infertility, birth defects, bone damage, damage to the immune system, fluorosis, fluoride neurotoxicity, and many other poorly diagnosed conditions, as fluoride affects
every human system, often by inhibiting enzymes which are essential for the functioning of every human system.
Besides the damaging of human tissue by 1 ppm of fluoride added to our public water systems, the health problem is also one of massive over-consumption of fluoride. We are being bombarded with fluoride from all our dental products and also many industrial sources.

Learn more:  http://www.arthritistrust.org/Articles/Fluoride.pdf

Fluoride Action Network
Arthritis
http://www.fluoridealert.org/issues/health/arthritis/

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ALZHEIMER’S DISEASE - Epidemic - Fluoride/Aluminium - By Doug Cross
In addition to the fluorosilicic acid/silicofluorides (hazardous waste pollutants and co-contaminants of lead, mercury, arsenic, cadmium, etc., known as 'fluoride') they also add aluminium sulphate Australia already faces Alzheimer's Disease (& Kidney disease) epidemics - STOP 'WATER POLLUTION/FLUORIDATION' immediately permanently & irrevocably for all time or face the ruin.

Dementia, including Alzheimer's Disease (AD) is fast becoming the greatest public health issue, ever. In the UK the Alzheimer's Society recently stated that one in three persons over the age of 65 will die from AD - and it's increasing so fast that in thirty years time the prevalence is expected to treble (do the maths and shiver!). Your children will live with fluorosis, but they will die with dementia.

Since the evidence that environmental exposure to ionic aluminium salts, such as the aluminium sulphate used in water treatment, is a leading cause of AD. There is a 50% and 150% increase in AD in areas where the water contains only half the permitted maximum of 0.2ppm. Fluoride in water - increases the speed at which it is absorbed and transferred to the brain. Adding Fluoride To Drinking Water Is Literally Insane. Fluoridation is bad on its own, but in the presence of aluminium its effects are becoming catastrophic as our 'aluminium clocks' tick away the countdown to Alzheimer's - fluoride speeds up that lethal clock..

By Doug Cross UKCAF http://ukcaf.org/
CV http://www.intota.com/expert-consultant.asp?bioID=778541&perID=728108

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Brief Extract:
One of the best-known chemical alterations produced by fluorides is a reduction in cholinesterases, including acetylcholinesterase. Fluorides also directly affect the actions of many of other important neurotransmitters in the brain. Fluorides seem to have a special attraction to acetylcholine. Nerve cells that synthesize this transmitter have numerous projections to many forebrain areas, including the neocortex and deeper areas of the brain that provide information to the neocortex. Not only do fluorides change the amount of the acetylcholine in the 7 brain, they selectively block certain receptors that respond to this transmitter. Fluoride reduces the number of one type of “nicotinic receptors” for acetylcholine. Some other nicotinic subtypes are not affected.10 Added to all of the other alterations in structure and function of the brain caused by fluorides, the opportunity for
mental and behavioural changes are almost limitless. While the cholinergic system of the brain has been most studied in regard to the effects of fluoride, it is not the only neural transmitter affected. It is likely that all neural transmitter systems are affected by fluoride intake, directly or indirectly. Other anomalies related to fluoride intake are found in many other chemical systems of the brain.

There is no known benefit of adding any form of fluoride to our drinking water. Who would want to increase chances of having a less than perfect child? Who would wish to take a chance on a possible reduction of their own mental capacity? Who would want to have their personality altered by fluoride induced alterations in their brain chemistry? Who would want to increase their odds of developing Alzheimer’s disease? Eliminating the addition of fluoride to our drinking water would remove these possibilities. The cost of doing this is zero. In fact it would enrich the communities now adding fluorides to their drinking water. Robert L. Isaacson  Department of Psychology and Center for Developmental and Behavioral Neuroscience Binghamton University  Binghamton, NY  13902-6000

"Fluorides also increase the production of free radicals in the brain through several different biological pathways. These changes have a bearing on the possibility that fluorides act to increase the risk of developing Alzheimer’s disease."  http://www.nap.edu/openbook.php?record_id=11571&page=222

Studies show there may be grave implications for Alzheimers, Dementia, Attention Deficit Disorder, reduced IQ in children and more - Neurotoxicity of Fluoride 1996 http://ffo-olf.org/neurological.html

ALZHEIMER'S IN AMERICA: THE ALUMINUM-PHOSPHATE FERTILIZER CONNECTION

AND From 2002 - August 19, 2002
In Layman’s terms, it looked like fluoride and aluminum could cause Alzheimer’s. http://www.nofluoride.com/Alzheimer%27s_in_America.cfm

Richard Sauerheber

Professor Stephen Peckham

My work is supported by the UK Department of Health, I am a member of the UK Faculty of Public Health and have a number of funded research projects from the National Institutes for Health Research in the UK.
I have consistently opposed fluoridation policy due to the poor evidence base on its effectiveness, genuine concerns about potential health problems (requiring further research) and, therefore, the fact that imposing fluoridation is unethical.

Professor Stephen Peckham BSc. MA(Econ), HMFPH
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Professor of Health Policy
London School of Hygiene and Tropical Medicine

Director, Policy Research Unit in Commissioning and the Healthcare System
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Critical Public Health
Slaying sacred cows: is it time to pull the plug on water fluoridation? Stephen Peckham
Department of Health Services Research and Policy, London School of Hygiene and Tropical Medicine, 15-17 Tavistock Place, London WC1H 9SH, UK
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FLUORIDE FATIGUE Revised 4th printing
FLUORIDE POISONING: is fluoride in your drinking water - and from other sources - making you sick?
BRUCE SPITTLE Forewords by Professors Albert W. Burgstahler and A.K. Susheela

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Fluoride: risks and benefits?

Disinformation in the service of big industry

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In conclusion, there is a political aspect. People in a free society have a right to choose whether or not they will accept medication, and they have a right to individual treatment and monitoring. Those who believe fluoride
works are entitled to their opinion. They may choose their own experts and
distrust the proven evidence of legal proceedings in court. They may ignore
their own peer-reviewed medical journal reports showing significant and serious
risks. That is their right. But they have no right to force others to drink
or use fluoride against their will, especially in the face of so much credible
evidence of harms, with little or no benefit, and when more effective, democratic
and medically responsible forms of medication exist. Nor should they promote
the use of fluoride without reference to its dangers.


Presentation to the SPC for Utilities and the Environment City of Calgary Council Chambers
Wednesday January 26, 2011
Submitted by: Dr. James Beck, MD, Ph.D.
Some of you on the committee have heard me before on fluoridation. I have in the past focused on
the questions of effectiveness in preventing cavities and on the adverse effects of fluoride and of
hexafluorosalicylic acid. I have given reasons, based on peer-reviewed research papers published in
credible journals, for concluding that fluoridation is at best minimally effective and definitely
harmful to subgroups of the population and possibly harmful to all of us. So in these few minutes I
will comment only on the ethical issue.
In 1957 the Supreme Court of Canada ruled that fluoridation is “compulsory preventive
medication”. The court’s ruling is significant because it legitimizes the common-sense conclusion
that we are being medicated and it puts the matter clearly in the realm of medical ethics. Medical
ethics in turn is embedded in human rights.
Here is how fluoridation violates the code of medical ethics. It is administration of a drug without
control of dosage (controlling concentration in our water is not controlling dose or dosage). It is
administration of a drug without informed consent of the recipient. It does not provide monitoring
of the effects on the recipient. It is not possible for the recipient to stop receiving the drug (many
can not get nonfluoridated water and none of us can avoid exposure from foods and drinks
processed where tap water is fluoridated). The drug has not been shown to be safe for human
consumption.
Fluoridation of a public water supply is not only an ethical offense against us all, it is clearly a more
serious offense against those subgroups of our population which are particularly at risk of harm
from fluoride. These groups include infants being fed with formula reconstituted with tap water,
diabetics, persons deficient in iodine intake, persons with kidney disease, boys during the eight-
year-old’s growth spurt, and others. It is an obligation of city councils and of Alberta Health
Services to protect all, not just the average or just the majority.
Several councilors have rightly been concerned about the dental health of children of low-income
families. It is said that fluoridation is of particular benefit to poor children. That has been
investigated. It is found that the fluoridated poor groups have no better cavity experience than do
the nonfluoridated poor groups. Furthermore, it is found that the prevalence of cavities increases as
family income decreases. It’s not fluoride that would benefit poor children; it’s a higher standard of
living, probably better diet and better oral hygiene.
Now what kind of ethical consciousness allows one to continue to apply a possibly harmful process
to unwilling people until there is absolute proof that it is harmful? I have seen this backward
approach to safety in government reports on fluoridation. It goes like this: this study that shows
association of fluoridation with this harmful effect is not a perfect study; there are weaknesses;
therefore we will continue the process until it is shown with certainty that it is harmful. And no
further research is recommended; no responsibility to support a better study is accepted. In the
presence of a small and dubious benefit such a conclusion, more than being irresponsible, is outlandish.
You don’t have the moral right to do this to us, to one million people. You should stop it now.
James S. Beck, M.D., Ph.D.
Professor Emeritus of Medical Biophysics, University of Calgary

"As a former city councilwoman, I was instrumental in investigating my constituents complaints about the harmfulness of water fluoridation. As a result I helped in getting an initiative to the ballot and we successfully voted in a moratorium on Nov 6, '12 to turn off the toxic industrial waste fluoride (HYDROFLUSOLIC ACID OR HFSA) because our supplier UNIVAR, (formerly Basic Chemical Solutions) would not provide three things: 1.) Toxicological report 2.) Listing of contaminants 3.) Proof that their product was safe for all water consumers, infants to seniors. This absurd practice of adding HFSA is based more on politics than science. Why should a water department be given the power to medicate anyone when they don't take a health history, they don't pass out a listing of side effects or monitor the dose. This is tantamount to gross negligence. Water consumers started to send in their payment UNDER PROTEST so that when the class action lawsuits begin they would be covered. After adding water fluoridation for 44 years, our town had 70% cavities in our children's teeth,(this figure was quoted from Dr. Susan Wellman, dentist who is pro-fluoride) high obesity rates and low test scores. Hardly an endorsement for continuing this unethical practice. We were also ranked 34th in the nation for cancer while Brookings, Oregon..... just 25 minutes north of us.... was ranked 765th in the nation for cancer for the same time period and Bookings never fluoridated their water.

We have high rates of not only cancer, but thyroid, diabetes and kidney disease all with links to HFSA. One constituent ended up in ER with seizures after showering for 10 minutes. Her doctor has subsequently written a letter describing her allergic reaction to water fluoridation. She was on a medication which contained fluoride and that in combination with absorbing this poison transdermaly by showering put her in the Emergency Room. New Hampshire Governor Lynch signed into law on Aug 4, 2012 infant warnings concerning mixing fluoridated water with formula because of the high prevalence of fluorosis. Fluorosis is the first visible sign of fluoride poisoning. Our Environmental Protection Agency announced in early 2011 that 41% of our nations teenagers had fluorosis and recommended cutting the parts per million down to .7. Our city council reduced the ppm from 1.2 to .7. That was a step in the right direction but not nearly enough because our EPA is doing nothing to really test or protect the public from this toxic industrial waste product.

The only safe level when considering the addition of HFSA to drinking/bathing water is ZERO. The State of Kansas, has successfully entered House Bill 2372 on January 18, 2013 listing the harm of water fluoridation. If passed, Kansas will become the first fluoride-free state in the United States. If you happen to call the NSF (which is not a government agency) and ask them questions about the testing they do on HFSA, they will tell you that they won't provide that information because of non-disclosure agreements. If you call the manufacturer, distributor or supplier, they will not provide information about the 3 requested docs listed in my opening paragraph above as I already did that back in 2011. I sent out over 40 letters and got zero responses. I predict that water fluoridation will become one of the biggest frauds and scams ever perpetrated against the public in the 20th and 21st century. That phrase often quoted by the CDC as being one of the best things since sliced bread was made up by a Public Relations guy. It's time to stop quoting that drivel. Water fluoridation will be compared to Tobacco science, DDT science, Asbestos science, Thalidomide science, etc. It is my opinion based on the research I've done which has been extensive these last 5 years, that it's all about the money. Some brilliant schemers came up with this idea to get rid of toxic industrial waste
by saying it was good for children's teeth. That's a bunch of baloney. It's good for the bank accounts of the producers of HFSA because if they had to get rid of their toxic industrial waste legally, it would cost them hundreds of millions of dollars.

Instead they dupe the politicians with fraudulent science and endorsements which is not science and sell them a product in which humans are utilized to filter this poison through their bodies while 99% goes down the drain. The dumb politicians buy it hook, line and sinker and shut their brains down. They become incapable of independent thought as I witnessed first hand with my fellow council members and other councils I've visited. But the HFSA manufacturers, suppliers and distributors are laughing all the way to the bank because they've got these municipalities paying them for poison. Plus, I checked out our retirement accounts and lo and behold, the MOSAIC company is one of the funds city employees can invest their retirement money in. Again, as I said, brilliant scheme from start to finish. I just hope to see the day that some of them end up in prison. But here's the part they don't tell you. In 2011, our city finished a $43.8 million upgrade/expansion on our waste water treatment plant with state-of-the-art technology that utilizes MBR or Membrane Bio-Reactor technology. When I asked our Public Works Director if this gets the fluoride out of the water, he replied, "NO." So this poison is going into our Pacific Ocean. Poison the public. Poison the oceans. Poison the food and beverages. Because of that, we are all already over-fluoridated. Please do your homework.

Respectfully, Donna A. Westfall, Crescent City, Calif.

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Suppression of data documenting fluoride’s adverse health effects and lack of benefit is wide-spread

Scientists and professionals have been persecuted, censored, or harassed when they oppose water fluoridation. Unfortunately, fluoride toxicity has been a “faut pas” for many years, and anybody discussing this topic would be suspected to belong to the antifluoridation movement. Thus, the recently published Environmental Health Criteria 36 on Fluorine and Fluorides (WHO, 1989) only superficially discusses chronic toxicity, while beneficial effects and safety margins are dealt with in detail. As Temporary Adviser I was present at most of the Task Group meeting when the document was finalized. In accordance with the official fluoridation policy, information which could cast any doubt on the advantage of fluoride supplements was left out by the Task Group. Unless I had been present myself, I would have found it hard to believe. Thus, I am pleased that you have taken a personal interest in the problems of chronic fluoride toxicity.

Philippe Granjean, M.D.
Professor

Source: [http://fluoridation.com/censor.htm](http://fluoridation.com/censor.htm)