

Health Supreme by Sepp Hasslberger

Networking For A Better Future - News and perspectives you may not find in the media

December 30, 2006

Fluoride Accumulates in Pineal Gland

Categories

[Health \(http://www.newmediaexplorer.org/sepp/health.htm\)](http://www.newmediaexplorer.org/sepp/health.htm)

Fluoride, added to the water supply of many cities and counties and sold by WalMart in its [nursery water \(http://www.ipetitions.com/petition/walmart/\)](http://www.ipetitions.com/petition/walmart/), has a tendency to accumulate not only in developing teeth causing discoloration, and in bones making them brittle. The mineral is associated with [cancer \(http://www.newmediaexplorer.org/chris/2005/08/17/fluoridecancer_study_cover_up.htm\)](http://www.newmediaexplorer.org/chris/2005/08/17/fluoridecancer_study_cover_up.htm) and it also accumulates in the [pineal gland \(http://en.wikipedia.org/wiki/Pineal_gland\)](http://en.wikipedia.org/wiki/Pineal_gland), an important hormone control center, where it wreaks considerable havoc. Paul Connett of [Fluoride Action Network \(http://fluoridealert.org/\)](http://fluoridealert.org/) comments on Jennifer Luke's research which was part of her PhD thesis and had just been published in *Caries Research* under the title: **Fluoride Deposition in the Aged Human Pineal Gland**.



Fluoride is a poison, yet we add it to our water and toothpaste and even call it a supplement, although it has no nutritional value. Its medicinal value - the prevention of tooth decay - is the official explanation for adding the toxic mineral to the water supply. But that value is far outweighed by its toxic side effects - amply documented by Paul Connett in his [Statement of Concern \(http://www.fluoridealert.org/fluoride-statement.htm\)](http://www.fluoridealert.org/fluoride-statement.htm).

Recent European Union legislation on food supplements lists fluoride as an essential element to offer for supplementation. This is somewhat ironic when contrasted with the European legislators' feigned concern over the putative toxicity of vitamins and their [efforts to limit dosages of these vital nutrients \(http://www.newmediaexplorer.org/sepp/2006/12/06/europe_sharply_divided_over_vitamin_supplements.htm\)](http://www.newmediaexplorer.org/sepp/2006/12/06/europe_sharply_divided_over_vitamin_supplements.htm) in order to "protect public health".

We also use fluoride in many household items, such as non-stick frying pans, high-tech water repellent fabrics and others. Recently, at least some timid attempts to start **assessing the disease burden caused by fluoride** are under way. The Journal of Water Health [carries an article on this research \(http://www.iwaponline.com/jwh/004/jwh0040533.htm\)](http://www.iwaponline.com/jwh/004/jwh0040533.htm). Meanwhile in the US, the FDA has decided that fluoride [should be allowed \(http://www.bevnet.com/news/2006/11-28-2006-FDA_bottledwater.asp\)](http://www.bevnet.com/news/2006/11-28-2006-FDA_bottledwater.asp) in bottled water, perhaps in deference to [WalMart's offerings \(http://www.ipetitions.com/petition/walmart/\)](http://www.ipetitions.com/petition/walmart/).

The use of fluoride for "health" reasons is **one of the great insanities** of our times. Could it be just by chance that the [Germans and Russians both used fluoride to make prisoners stupid and docile \(http://www.newswithviews.com/Devvy/kidd102.htm\)](http://www.newswithviews.com/Devvy/kidd102.htm) or that the US government faced legal action over the toxic effects in the environment of this [nuclear waste by-product \(http://www.democracynow.org/article.pl?sid=04/06/17/1437211\)](http://www.democracynow.org/article.pl?sid=04/06/17/1437211)?

Perhaps the push for 'enriching' our water and our foods with fluoride has some ulterior motive that has little to do with health. Be that as it may, the campaign for fluoridation is still in full swing and health authorities are pushing the poison as if their monthly paychecks depended on it.

Jennifer Luke's PhD thesis on fluoride and its accumulation in the pineal gland - Paul Connett says that research might just be the scientific *straw that breaks the camel's back*:

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Fluoride & the Pineal Gland: Study Published in Caries Research

The wheels of science grind very slowly. Finally, the first half of the work that was the subject of Jennifer Luke's Ph.D. thesis; presentation in Bellingham, Washington (ISFR conference) in 1998 and a videotaped interview I had with her (see www.fluoridealert.org/videos.htm), has been published in *Caries Research*.

In my view this work is of enormous importance and could be (or should be) the scientific straw that breaks the camel's back of fluoridation.

When Luke found out that the pineal gland - a little gland in the center of the brain, responsible for a very large range of regulating activities (it produces serotonin and melatonin) - was also a calcifying tissue, like the teeth and the bones, she hypothesized it would concentrate fluoride to very high levels. The gland is not protected by the blood brain barrier and has a very high perfusion rate of blood, second only to the kidney.

Luke had 11 cadavers analyzed in the UK. As she predicted she found astronomically high levels of fluoride in the calcium hydroxy apatite crystals produced by the gland. The average was 9000 ppm and went as high as 21,000 in one case. These levels are at, or higher, than fluoride levels in the bones of people suffering from skeletal fluorosis. It is these findings which have just been published.

It is the ramifications of these findings which have yet to be published. In the second half of her work she treated animals (Mongolian gerbils) with fluoride at a crack pineal gland research unit at the University of Surrey, UK (so there is no question about the quality of this work). She found that melatonin production (as measured by the concentration of a melatonin metabolite in the urine) was lower in the animals treated with high fluoride levels compared with those treated with low levels.

Luke hypothesizes that one of the four enzymes needed to convert the amino acid tryptophan (from the diet) into melatonin is being inhibited by fluoride. It could be one of the two enzymes which convert tryptophan to serotonin or one of the two which convert serotonin to melatonin.

Significance? Huge. Melatonin is responsible for regulating all kinds of activities and there is a vast amount of work investigating its possible roles in aging, cancer and many other life processes. The one activity that Luke is particularly interested in is the onset of puberty. The highest levels of melatonin (produced only at night) is generated in young children. It is thought that it is the fall of these melatonin levels which acts like a biological clock and triggers the onset of puberty. In her gerbil study she found that the high fluoride treated animals **were reaching puberty earlier** than the low fluoride ones.

We know from recent studies - and considerable press coverage - that [young girls are reaching puberty earlier and earlier in the US \(http://edition.cnn.com/2000/HEALTH/children/03/31/early_puberty.wmd/index.html\)](http://edition.cnn.com/2000/HEALTH/children/03/31/early_puberty.wmd/index.html). Luke is not saying that fluoride (or fluoridation) is the cause but her work waves a very worrying red flag. **Fluoride's role in earlier puberty needs more thorough investigation**. Of an interesting historical note, in the Newburgh versus Kingston fluoridation trial (1945-1955), it was found that the girls in fluoridated Newburgh were reaching menstruation, on average, five months earlier than the girls in unfluoridated Kingston, but the result was not thought to be significant at the time (Schlessinger et al, 1956).

When one considers the seriousness of a possible interference by fluoride on a growing child's pineal gland (and for that matter, elderly pineal glands) it underlines the recklessness of fluoridation. **The precautionary principle would say, as would basic common sense, that you don't take these kind of risks with our children for a benefit which, at best, amounts to 0.6 tooth surfaces out of 128 tooth surfaces in a child's mouth** (Brunelle and Carlos, 1990, Table 6).

I have a copy of Luke's Ph.D. thesis and would be willing to share it with those who have a serious scientific interest in this issue. The other references cited above can be found in my Statement of Concern which is published on the FAN webpage:
<http://www.fluoridealert.org/fluoride-statement.htm> (<http://www.fluoridealert.org/fluoride-statement.htm>)

[Paul Connett \(http://www.fluoridealert.org/contact.htm\)](http://www.fluoridealert.org/contact.htm)

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[Cure Tooth Decay! \(http://www.curetoothdecay.com/\)](http://www.curetoothdecay.com/)
Heal And Prevent Cavities With Nutrition

[Please check out this link and sign the petition \(http://www.ipetitions.com/petition/walmart/\)](http://www.ipetitions.com/petition/walmart/) asking Walmart to stop selling fluoride "Nursery Water" for infants.

[Fluoride: Friend or Foe? \(http://www.lewrockwell.com/orig4/desanto1.html\)](http://www.lewrockwell.com/orig4/desanto1.html)
 by David De Santo

[GERMANS & RUSSIANS USED FLUORIDE TO MAKE PRISONERS 'STUPID & DOCILE \(http://www.newswithviews.com/Devvy/kidd102.htm\)](http://www.newswithviews.com/Devvy/kidd102.htm)

[The Fluoride Deception: How a Nuclear Waste Byproduct Made Its Way Into the Nation's Drinking Water \(http://www.democracynow.org/article.pl?sid=04/06/17/1437211\)](http://www.democracynow.org/article.pl?sid=04/06/17/1437211)

[Toxic Teflon: Compounds from Household Products Found in Human Blood \(http://www.alternet.org/envirohealth/46061\)](http://www.alternet.org/envirohealth/46061)

DuPont and other companies use those synthetic compounds to make an extraordinarily wide range of products, including nonstick cookware (e.g. Teflon), grease-resistant food packaging (e.g., microwave popcorn and pizza boxes), stain-resistant fabrics and carpets (e.g., Stainmaster), shampoos, conditioners, cleaning products, electronic components, paints, firefighting foams, and a host of other artifacts of modern life. But like many "better things" produced by industrial chemistry, these products can have disastrous side effects.

[Fluoridation of drinking water - the UK Soil Association's position \(http://www.soilassociation.org/web/sa/saweb.nsf/b0062cf005bc02c180256a6b003d987f/c0f33673943e3945802572570034ee3a?OpenDocument&Highlight=2,fluoride\)](http://www.soilassociation.org/web/sa/saweb.nsf/b0062cf005bc02c180256a6b003d987f/c0f33673943e3945802572570034ee3a?OpenDocument&Highlight=2,fluoride)

h. We consider that the practice of adding fluoride to drinking water is prophylactic treatment and is therefore in opposition to organic principles. As a result the Soil Association is opposed to the artificial fluoridation of water by water companies and also the legislation allowing this practice. We support the campaign by the [National Pure Water Association \(http://www.npwa.freereserve.co.uk\)](http://www.npwa.freereserve.co.uk) for water companies to have the right not to fluoridate their water.

[Fluoridation Doing More Harm Than Good, Studies Show \(http://www.foodconsumer.org/77778888/Agri_amp_Environ_41/05100910142007_Fluoridation_Doing_More_Harm_Than_Good_Studies_Show.shtml\)](http://www.foodconsumer.org/77778888/Agri_amp_Environ_41/05100910142007_Fluoridation_Doing_More_Harm_Than_Good_Studies_Show.shtml)

Pizzo and colleagues reviewed English-language fluoridation studies published from January 2001 to June 2006 and write, "Several epidemiological studies conducted in fluoridated and non-fluoridated communities suggest that [fluoridation] may be unnecessary for caries prevention." They also report that fluoride-damaged teeth spiked upwards to 51% from the 10-12% found over 60 years ago in 'optimally' fluoridated communities.

['Second Thoughts about Fluoride,' Reports Scientific American \(http://www.reuters.com/article/pressRelease/idUS108377+02-Jan-2008+PRN20080102\)](http://www.reuters.com/article/pressRelease/idUS108377+02-Jan-2008+PRN20080102)

After 3 years of scrutinizing hundreds of studies, a National Research Council (NRC) committee "concluded that fluoride can subtly alter endocrine function, especially in the thyroid -- the gland that produces hormones regulating growth and metabolism," reports Fagin.

Fagin quotes John Doull, professor emeritus of pharmacology and toxicology at the University of Kansas Medical Center, who chaired the NRC committee thusly, "The thyroid changes do worry me."

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updated on **Wednesday February 13** 2008

URL of this article:

http://www.newmediaexplorer.org/sepp/2006/12/30/fluoride_accumulates_in_pineal_gland.htm

Related Articles

[12 Reasons To Reject Fluoridation! \(http://www.newmediaexplorer.org/chris/2006/04/03/12_reasons_to_reject_fluoridation.htm\)](http://www.newmediaexplorer.org/chris/2006/04/03/12_reasons_to_reject_fluoridation.htm)

The dangers of mainstream edicts is that they are highly ingrained in the population at large. Trying to create awareness on the dangers and the absurdity of some these practices is very difficult. Dennis Stevenson has put together a single page which can be downloaded here. This sheet can be handed out at rallies, conferences and other events, at and around shopping centers, or to friends, acquaintances or strangers... [\[read more \(http://www.newmediaexplorer.org/chris/2006/04/03/12_reasons_to_reject_fluoridation.htm\)\]](http://www.newmediaexplorer.org/chris/2006/04/03/12_reasons_to_reject_fluoridation.htm)

April 03, 2006 - Chris Gupta

[Ask Wal-Mart to Stop Selling Fluoride "Nursery Water" to Infants \(http://www.newmediaexplorer.org/chris/2006/12/04/ask_walmart_to_stop_selling_fluoride_nursery_water_to_infants.htm\)](http://www.newmediaexplorer.org/chris/2006/12/04/ask_walmart_to_stop_selling_fluoride_nursery_water_to_infants.htm)

Here is a classic double speak regarding fluoride that needs to be set straight... With no references whats ever, Larry Yost (see end) is waxing the glories of fluoride.... See also: Debunking The "So Called" Fluoride "Experts" Dr. David Kennedy On The Fluoride Myth Chris Gupta
 "The ADA has given us a big breakthrough here and Wal-Mart is a sitting target, we must make the most of this. Hope... [\[read more \(http://www.newmediaexplorer.org/chris/2006/12/04/ask_walmart_to_stop_selling_fluoride_nursery_water_to_infants.htm\)\]](http://www.newmediaexplorer.org/chris/2006/12/04/ask_walmart_to_stop_selling_fluoride_nursery_water_to_infants.htm)

December 04, 2006 - Chris Gupta

[Fluoride Destroys Tooth Enamel: Chemistry Prof \(http://www.newmediaexplorer.org/sepp/2006/02/15/fluoride_destroys_tooth_enamel_chemistry_prof.htm\)](http://www.newmediaexplorer.org/sepp/2006/02/15/fluoride_destroys_tooth_enamel_chemistry_prof.htm)

Fluoride is being added to drinking water in a number of locations around the world, and in recent months there have been efforts to extend fluoridation of our drinking water, notably in Ireland, the UK, Australia, New Zealand and California. Although benefits from fluoridated water are certainly not a scientific certainty, there is quite some data on dental fluorosis, brittling of teeth by the action of fluoride, which is generally... [\[read more \(http://www.newmediaexplorer.org/sepp/2006/02/15/fluoride_destroys_tooth_enamel_chemistry_prof.htm\)\]](http://www.newmediaexplorer.org/sepp/2006/02/15/fluoride_destroys_tooth_enamel_chemistry_prof.htm)

February 15, 2006 - Sepp Hasslberger

[Fluoride and IQ \(http://www.newmediaexplorer.org/sepp/2003/08/25/fluoride_and_iq.htm\)](http://www.newmediaexplorer.org/sepp/2003/08/25/fluoride_and_iq.htm)

The practice of dumping toxic-waste fluorosilicates into public water supplies in the name of fighting tooth decay has just received another damper. According to a recently released Chinese study, there is a clear relation between fluoride levels in the water that is consumed by a population and low intelligence quotient scores of children who do the consuming. I wonder why there is a generalized push to introduce fluoridation in some... [\[read more \(http://www.newmediaexplorer.org/sepp/2003/08/25/fluoride_and_iq.htm\)\]](http://www.newmediaexplorer.org/sepp/2003/08/25/fluoride_and_iq.htm)

August 25, 2003 - Sepp Hasslberger

[Dental Association Says Fluoride in Water Mottles Babies' Teeth](http://www.newmediaexplorer.org/sepp/2006/11/13/dental_association_says_fluoride_in_water_mottles_babies_teeth.htm)

(http://www.newmediaexplorer.org/sepp/2006/11/13/dental_association_says_fluoride_in_water_mottles_babies_teeth.htm)

The American Dental Association, in a recently published position statement, says that mothers should be careful not to prepare baby foods with fluoridated water from the tap, as the fluoride contained in it could be bad for developing babies' teeth: "Recent studies cited in the report of the National Research Council (NRC), Fluoride in Drinking Water: A Scientific Review of EPA's Standards, have raised the possibility that infants could receive... [[read more \(http://www.newmediaexplorer.org/sepp/2006/11/13/dental_association_says_fluoride_in_water_mottles_babies_teeth.htm\)](http://www.newmediaexplorer.org/sepp/2006/11/13/dental_association_says_fluoride_in_water_mottles_babies_teeth.htm)]

November 13, 2006 - Sepp Hasslberger

[Fluoride Linked to Obesity Epidemic, Thyroid Trouble](http://www.newmediaexplorer.org/sepp/2004/07/12/fluoride_linked_to_obesity_epidemic_thyroid_trouble.htm) (http://www.newmediaexplorer.org/sepp/2004/07/12/fluoride_linked_to_obesity_epidemic_thyroid_trouble.htm)

Could it be that the obesity epidemic that is plaguing the US, the UK and other countries is linked to fluoride in drinking water? Dr Barry Durrant-Peatfield certainly seems to support that possibility when he says that "there is no doubt that fluoride is enzyme disruptive and one thing it affects is thyroid hormones", adding that "people can finish up with partial under-activity of the thyroid gland." But in addition... [[read more \(http://www.newmediaexplorer.org/sepp/2004/07/12/fluoride_linked_to_obesity_epidemic_thyroid_trouble.htm\)](http://www.newmediaexplorer.org/sepp/2004/07/12/fluoride_linked_to_obesity_epidemic_thyroid_trouble.htm)]

July 12, 2004 - Sepp Hasslberger

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