

“Any preventive, diagnostic and therapeutic medical intervention is only to be carried out with the prior, free and informed consent of the person concerned, based on adequate information. The consent should, where appropriate, be express and may be withdrawn by the person concerned at any time and for any reason without disadvantage or prejudice.”
- UNESCO on Bioethics and Human Rights (2005)

“No physician in his right senses would prescribe for a person he has never met, whose medical history he does not know, a substance which is intended to create bodily change, with the advice ‘take as much as you like, but you will take it for the rest of your life because some children suffer from tooth decay.’”
- Dr. Peter Mansfield, UK Advisory Board member commenting on 2000 York Review

February 2016

Governor -

Although fluoridation claims scientific underpinnings, the decision to fluoridate should be a policy decision consistent with our values. My sisters and I are writing to ask you initiate the necessary actions to make artificial fluoridation of municipal water illegal in our state based on 21st century science and the code of ethics on which our laws are based.

Ironically, the Safe Drinking Water Act, Section 1412 (b)(11) states, "No national primary drinking water regulation may require the addition of any substance for preventative health care purposes unrelated to contamination of drinking water," yet we allow states and municipalities to mandate fluoridation and protect them from liability under the "police powers" law. Equally ironic, Rules of Medical Ethics that have been adopted by the American Medical Association (AMA), "guarantee the right of every individual to exercise the right of having the option to participate in any experiment or other action which may affect his health," and yet the AMA and American Dental Association (ADA) vigorously support fluoridation while the US Food & Drug Administration (FDA) tap dances around Section 402 of the Federal Food, Drug and Cosmetics Act which states, "a food may not contain any poisonous or deleterious substance that may render it injurious to health." For the record, not only are fluoridation chemicals invariably polluted with toxins like lead and arsenic, but children living in fluoridated communities have higher lead levels in their blood.

There is no scientific question that fluoride is a poison, contaminant, and an **endocrine disruptor that affects the immune response**. There is no debate that fluoride interferes with **calcium and glucose metabolism** as well as **inhibits thyroid function**. It has *always* been known that those with reduced **kidney function** are more susceptible to toxic build-up in their bones, where the symptoms of poisoning are indistinguishable from **arthritis**. Some of the pro-fluoridation reports we've read have eliminated those with kidney diseases from their pool of participants, knowing their results would be negative.

Consequently the question becomes, **should any administrative-political-legislative body mandate a policy that forces a known poison and FDA "unapproved drug" that contains traces of other toxins into the bodies of its constituency when it is medically counter indicated for some and against the wishes of many?**

Governor, it may not be cause or cure for everyone, but even low doses of fluoride, an adjuvant and inflammatory drug, worsens the health of many or most of the:

- 24 million Americans with Autoimmune Disease
- 50 million Americans with Arthritis
- 11 million Americans with Hypothyroidism

Even *if* the best case scenario of 25% reduction in cavities among the poorest young children was true, the numbers don't justify fluoridation when you look at them in context. For example, in a class of 25 students, you might have 2 children in that lowest social economic status. One of them might have one fewer cavities.

- Since approximately 4% of all children have moderate to severe dental fluorosis, one child in that class of 25 will have over half and maybe 100% of his or her teeth stained and even pitted. With age, those stains will darken and the pitted teeth will decay and fracture, resulting in costly veneers, crowns, and lost teeth. These children will also suffer more broken bones.
- Since 43% of American children currently suffer from a chronic illness which include autoimmune and inflammatory diseases, one child in that class might be more vulnerable to anaphylaxis, another have serious asthma, a third eczema, a fourth Celiac and the fifth could suffer with rheumatoid arthritis (RA), all caused or worsened by fluoridated water.

This is not a 'public good' initiative no matter how loudly the fluoridationists protest it is. The fact that the adverse effects of fluoridation disproportionately impact non-white students due to genetics and the poor due to malnutrition makes fluoridation an **Environmental Justice** issue, which is why Civil Rights leaders like Andrew Young, Henry Rodriguez, the King family and Gerald Durley, as well as consumer rights activists Ralph Nader and Erin Brockovich, oppose fluoridation. It's why *Telemundo Atlanta's* recent series on fluoridation is creating such an uproar in the Hispanic community. Disproportionate harm to some, whether due to race, genetics or health, is the ethical basis of a pending Canadian lawsuit.

Governor, fluoridation is a false dilemma. Brush your teeth with it. Add it to your own drinking water if you want; that's your choice. More power to you if fluoride doesn't bother you. But not the power to prescribe it for our husbands with kidney disease, our sisters with thyroid disorders, our diabetic mothers or our children!

We have attached recent publications that prove harm for your review. We look forward to meeting with you in your offices to address any questions. However, the answer for you as an elected official is simple. Fluoridation is an unfair burden on susceptible populations; mass medication through municipal water is immoral; and as governor, you have a legal responsibility to enact ethical policies that promote justice for all.

Respectfully,

of _____

RESOURCES:

- 1 2014 analysis by Prof. Rita Barnett-Rose regarding *ethical and legal considerations of mass medication*: http://works.bepress.com/rita_barnett/3/
- 2 2015 letter to Institute of Medicine from Erin Brockovich, American Academy of Environmental Medicine, Matthews & Associates, et. al. regarding *special considerations and dietary limits for susceptible populations*: https://www.aeonline.org/pdf/LetterIOM_2015.04.27.pdf
- 3 2014 Peel Canada legal memo and scientific affidavit of 2006 NRC panelist, Dr. Kathleen Thiessen regarding *disproportionate harm to susceptible populations*: <http://momsagainstfluoridation.org/sites/default/files/Fluoridation-Legal-Opinion-June-24-14.pdf>

A few 2014-2015 studies and reports plus two on Fluoride and Lead:

1. S Peckham, D Lowery, S Spencer. Are fluoride levels in drinking water associated with hypothyroidism prevalence in England? A large observational study of GP practice data and fluoride levels in drinking water. *J Epidemiol Community Health*. 24 February 2015. doi:10.1136/jech-2014-204971. <http://jech.bmj.com/content/early/2015/02/09/jech-2014-204971>
2. Navneet Singh, et al. A comparative study of fluoride ingestion levels, serum thyroid hormone & TSH level derangements, dental fluorosis status. *Springerplus*. 2014; 3: 7. 2014 Jan 3. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3890436/pdf/40064_2013_Article_766.pdf
3. I. Gutowska, et al. Fluoride as a factor initiating and potentiating inflammation in THP1 differentiated monocytes/macrophages. *Toxicology in Vitro*. Volume 29, Issue 7, October 2015, Pages 1661–1668. <http://www.sciencedirect.com/science/article/pii/S0887233315001605>
4. Louveau A, et al. Structural and functional features of central nervous system lymphatic vessels. *Nature*. 2015 Jul 16;523(7560):337-41. Epub 2015 Jun 1. <http://www.ncbi.nlm.nih.gov/pubmed/26030524>
5. A Malin and C Till. Exposure to fluoridated water and attention deficit hyperactivity disorder prevalence. *Environmental Health* 2015, 14:17 doi:10.1186/s12940-015-0003-1. <http://www.ehjournal.net/content/pdf/s12940-015-0003-1.pdf>
6. Zhang S, et al. Modifying Effect of COMT Gene Polymorphism and a Predictive Role for Proteomics Analysis in Children's Intelligence in Endemic Fluorosis Area in Tianjin, China. *Toxicol Sci*. 2015 Apr; 144(2):238-45. doi: 10.1093/toxsci/kfu311. Epub 2015 Jan 1. PMID: 25556215. <http://www.ncbi.nlm.nih.gov/pubmed/25556215>
7. Anna L. Choi, Ying Zhang, Guifan Sun, David C. Bellinger, d, Kanglin Wang, Xiao Jing Yang, Jin Shu Li, Quanmei Zheng, Yuanli Fug, Philippe Grandjean, Association of lifetime exposure to fluoride and cognitive functions in Chinese children: A pilot study. *Neurotoxicology and Teratology*. Volume 47, January–February 2015, Pages 96–101. <http://www.sciencedirect.com/science/article/pii/S0892036214001809>
8. Khan SA, Singh RK, Navit S, Chadha D, Johri N, Navit P, Sharma A, Bahuguna R. Relationship Between Dental Fluorosis and Intelligence Quotient of School Going Children In and Around Lucknow District: A Cross-Sectional Study. *J Clin Diagn Res*. 2015 Nov;9(11):ZC10-5. doi: 10.7860/JCDR/2015/15518.6726. Epub 2015 Nov 1. <http://www.ncbi.nlm.nih.gov/pubmed/26673535>
9. Grandjean P, Landigran P. Neurobehavioural effects of developmental toxicity. *The Lancet Neurology*, Volume 13, Issue 3, 330 - 338. March 2014. [http://www.thelancet.com/journals/laneur/article/PIIS1474-4422\(13\)70278-3/abstract](http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(13)70278-3/abstract)
10. F. Liu et al.. Fluoride exposure during development affects both cognition and emotion in mice. *Physiol Behav*. 2014 Jan 30;124:1-7. <http://www.ncbi.nlm.nih.gov/pubmed/24184405>
11. Maas RP, Patch SC, Christian AM, Coplan MJ. Effects of fluoridation and disinfection agent combinations on lead leaching from leaded-brass part. *Neurotoxicology*. 2007 Sep;28(5):1023-31. Epub 2007 Jun 30. <http://www.ncbi.nlm.nih.gov/pubmed/17697714>
12. Masters RD, Coplan MJ, Hone BT, Dykes JE. Association of silicofluoride treated water with elevated blood lead. *Neurotoxicology*. 2000 Dec;21(6):1091-100: <http://www.ncbi.nlm.nih.gov/pubmed/11233755>
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14. Main, Douglas. Fluoridation May Not Prevent Cavities, Scientific Review Shows. *Newsweek* (Tech and Science). 29 June 2015. <http://www.newsweek.com/fluoridation-may-not-prevent-cavities-huge-study-shows-348251>