

Christine Massey <cmssyc@gmail.com>
Sun, Feb 3, 6:54 PM (8 days ago)
to PHO

Hello,

According to the new version of PHO's Evidence Review for Adverse Health Effects of Drinking Optimally Fluoridated Water (2010-2017), the following studies have been scientifically critiqued by PHO researchers and individual synopses are available upon request.

Bashash M, Marchand M, Hu H, Till C, et al. Prenatal fluoride exposure and attention deficit hyperactivity disorder (ADHD) symptoms in children at 6–12 years of age in Mexico City. *Environ Int.* 2018;121(Pt 1):658-66

Malin AJ, Riddell J, McCague H, Till C. Fluoride exposure and thyroid function among adults living in Canada: effect modification by iodine status. *Environ Int.* 2018;121(Pt 1):667-74.

Would you please send me these synopses, and also post them to the PHO website for the public to access them easily?

Thank you,
Christine

Wed, Feb 6, 11:22 AM (5 days ago)
to PHO
Hello,

Would someone please send me the promised critiques that I requested, below, 3 days ago? This is very important, especially with all the water fluoridation stories in the news right now.

FYI: Medical Officers have been citing PHO's Evidence Review for Adverse Health Effects of Drinking Optimally Fluoridated Water (2010-2017) to decision makers, even though that document did not review the Bashash et al. (2017 or 2018) or Till et al. (2018) studies. This is very misleading of them. You might consider bringing the Bashash IQ article review to their attention, since they seem to be either unaware of it, or intentionally withholding it.

Best wishes,
Christine

PHO Communications

Feb 6, 2019, 3:39 PM (5 days ago)

Hello Christine,

Thanks for your email, and your patience while we looked into this request.

In regard to the two documents you've indicated below, PHO had previously provided these to a stakeholder confidentially as the result of a request. We are currently in the process of preparing both documents for posting on our website which we anticipate will occur in early March. We will be sure to keep your contact information on file and will inform you as soon as these are published.

Thanks again for your interest,

Feb 6, 2019, 5:41 PM
to PHO

Hello,

Thank you. May I please have your name?

I am confused by your response.

I too am a stakeholder with respect to the issue of community water fluoridation.

I too am requesting, confidentially or otherwise, these scientific critiques that PHO claimed in November "are available upon request" and that have already been provided to someone else.

I do not require the documents to have any special "preparation" for your website.

I request that they be emailed to me without delay.

This is an urgent matter, given that the town of Tecumseh will be voting on the issue of water fluoridation in 6 days from now.

Best wishes,
Christine Massey, M.Sc.

PHO Communications
Feb 8, 2019, 4:47 PM (3 days ago)

Hi Christine,

Thanks again for reaching out and apologies for the delay in response.

As mentioned in my previous message, we are currently preparing these documents for public release. We are working to expedite this process to the best of our ability.

Unfortunately, we are unable to provide these to you in advance of public release. However, as soon as they are available I will be sure to let you know personally.

Regards,
Aaron Furfaro
Team Lead, Communications Services

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From: Christine Massey [mailto:cmssyc@gmail.com]
Sent: February-06-19 5:42 PM
Feb 8, 2019, 6:30 PM (3 days ago)

Dear Aaron,

If that's the case, then it's misleading for PHO to have claimed in the Evidence Review (November 2018) that these article reviews are "available upon request".

The fact that these studies are now vaguely mentioned in the new version of the "all is well" evidence review gives an unwarranted "nothing to worry about" impression, and I am aware of at least 3 communities where the Medical Officers have recently cited the review as proof of safety: Windsor, Tecumseh, London. Peterborough has also cited it on their website. And the issue is certain to come up again before long in Peel Region and other municipalities.

The Medical Officers present themselves as experts and do not bother advising anyone of the Bashash et al. IQ or ADHD results, or any other findings that warrant concern. Instead they claim that water fluoridation is well studied and perfectly safe for everyone.

PHO stated in the Bashash et al. (2017) article review, "a 0.5mg/L increase in maternal urinary fluoride was associated with a decrease in GCI of 3.15 points (95% CI: - 5.42, - 0.87), and a decrease in IQ of 2.50 points (95%CI: -4.12, -0.59)" and that "the study by Bashash et al. is a considerable improvement over previous research."

Till et al. (2018) found that pregnant women in Canadian fluoridated cities have total fluoride exposures very similar to those in the Bashash et al. studies, and double those of women in unfluoridated Canadian cities.

Thus the best study available, Bashash et al. (2017), indicates that maternal fluoride exposures experienced by women in Canadian fluoridated cities are associated with lowered IQs for offspring, which directly contradicts what the Medical Officers are telling decision makers and the public.

Has PHO reviewed the Till et al. 2018 study yet?

Have any of these article reviews, or a warning of any kind, been provided to Ontario's Medical Officers, upon whom the municipal Councillors tend to rely for advice on water fluoridation? To the Councillors or CAOs? To the provincial Health Minister? The premier? The MPPs who not long ago agreed unanimously that it would be a good idea to mandate water fluoridation across Ontario? The media? If not, why not?

Who has PHO informed on this issue?

Bashash, Hu, Till and Malin presented major fluoride papers at a conference in Ottawa in October 2018 on neurotoxiity as well as thyroid function. Was PHO aware of this Ottawa conference? Did anyone attend on behalf of PHO?

I note that the evidence review was updated very recently to fix the References section and add the Appendix B (but dated "November 2018"). Will it be updated again to include the findings of these studies? Will PHO broaden the review to include any animal studies and/or studies that are not specific to water fluoridation?

PHO, in Appendix B: "As the fluoride exposure in these two [Bashash et al.] studies was through fluoridated salt, and not fluoridated water, they do not meet the inclusion criteria of our review. That said, because it is important to assess the relationship of fluoride exposure and adverse health outcomes, these studies have been scientifically critiqued by PHO researchers and individual synopsis for both studies are available up on request."

Best wishes,
Christine Massey, M.Sc.