

RETRACTION NOTE

Open Access



Retraction Note: The impact of repeated vaccination on influenza vaccine effectiveness: a systematic review and meta-analysis

Lauren C. Ramsay¹, Sarah A. Buchan², Robert G. Stirling^{2,3}, Benjamin J. Cowling⁴, Shou Feng⁴, Jeffrey C. Kwong^{1,2,5,6,7} and Bryna F. Warshawsky^{8,9*}

Retraction Note

The authors have retracted this article, *The impact of repeated vaccination on influenza vaccine effectiveness: a systematic review and meta-analysis*. Upon reviewing the published work, the authors determined that there were a few erroneous inclusions and an omission of estimates which impacted the conclusion for the influenza A(H3N2) and influenza B analyses comparing vaccination in both years to the current year only. All authors agree to this retraction, and they have been given the opportunity to submit a revised version in the journal.

Author details

¹Public Health Ontario, 480 University Avenue Suite 300, Toronto, ON M5G 1V2, Canada. ²Dalla Lana School of Public Health, University of Toronto, 155 College St, Toronto, ON M5T 3M7, Canada. ³Public Health Agency of Canada, 130 Colonnade Road, Ottawa, ON K1A 0K9, Canada. ⁴WHO Collaborating Centre for Infectious Disease Epidemiology and Control, School of Public Health, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Pokfulam, Hong Kong, China. ⁵Institute for Clinical Evaluative Sciences, Veterans Hill Trail, 2075 Bayview Avenue G1 06, Toronto, ON M4N 3M5, Canada. ⁶Department of Family & Community Medicine, University of Toronto, 155 College St, Toronto, ON M5T 3M7, Canada. ⁷University Health Network, 399 Bathurst St, Toronto, ON M5T 2S8, Canada. ⁸Public Health Ontario, 480 University Avenue Suite 300, Toronto, ON M5G 1V2, Canada. ⁹Department of Epidemiology and Biostatistics, Western University, 1151 Richmond St, London, ON N6A 3K7, Canada.

Received: 18 July 2018 Accepted: 25 July 2018

Published online: 12 August 2018

Reference

1. Ramsay LC, et al. The impact of repeated vaccination on influenza vaccine effectiveness: a systematic review and meta-analysis. *BMC Med.* 2017;15:159. <https://doi.org/10.1186/s12916-017-0919-0>

* Correspondence: bryna.warshawsky@oahpp.ca

⁸Public Health Ontario, 480 University Avenue Suite 300, Toronto, ON M5G 1V2, Canada

⁹Department of Epidemiology and Biostatistics, Western University, 1151 Richmond St, London, ON N6A 3K7, Canada

