

Invisible Ink Could Reveal Whether Kids Have Been Vaccinated

The technology embeds immunization records into a child's skin

By [Karen Weintraub](#)

Theme: [Intelligence](#), [Science and Medicine](#)

Global Research, December 14, 2020

[Scientific American](#) 18 December 2019

Excerpt of Scientific American article published on December 18, 2019.

[See Robert F. Kennedy Jr's analysis on the digital vaccine passport for children](#)

Keeping track of vaccinations remains a major challenge in the developing world, and even in many developed countries, paperwork gets lost, and parents forget whether their child is up to date. Now a group of Massachusetts Institute of Technology researchers has developed a novel way to address this problem: embedding the record directly into the skin.

Along with the vaccine, a child would be injected with a bit of dye that is invisible to the naked eye but easily seen with a special cell-phone filter, combined with an app that shines near-infrared light onto the skin. The dye would be expected to last up to five years, according to tests on pig and rat skin and human skin in a dish.

The system—which has not yet been tested in children—would provide quick and easy access to vaccination history, avoid the risk of clerical errors, and add little to the cost or risk of the procedure, according to the study, published Wednesday in [Science Translational Medicine](#).

Read full Scientific American article [here](#).

*

Note to readers: please click the share buttons above or below. Forward this article to your email lists. Crosspost on your blog site, internet forums. etc.

Featured image: The quantum dots after being administered in the skin of rodents. Credit: K.J. McHugh et al. Science Translational Medicine (2019)

The original source of this article is [Scientific American](#)
Copyright © [Karen Weintraub](#), [Scientific American](#), 2020

[Comment on Global Research Articles on our Facebook page](#)

[Become a Member of Global Research](#)

Articles by: **Karen
Weintraub**

Disclaimer: The contents of this article are of sole responsibility of the author(s). The Centre for Research on Globalization will not be responsible for any inaccurate or incorrect statement in this article. The Centre of Research on Globalization grants permission to cross-post Global Research articles on community internet sites as long the source and copyright are acknowledged together with a hyperlink to the original Global Research article. For publication of Global Research articles in print or other forms including commercial internet sites, contact: publications@globalresearch.ca

www.globalresearch.ca contains copyrighted material the use of which has not always been specifically authorized by the copyright owner. We are making such material available to our readers under the provisions of "fair use" in an effort to advance a better understanding of political, economic and social issues. The material on this site is distributed without profit to those who have expressed a prior interest in receiving it for research and educational purposes. If you wish to use copyrighted material for purposes other than "fair use" you must request permission from the copyright owner.

For media inquiries: publications@globalresearch.ca