

UN says 1st local polio case found in Zambia since 1995

October 23 2019



- In this Jan. 25 , 2002 file photo, a Congolese child is given a polio vaccination at a relief camp near Gisenyi, Rwanda. The World Health Organization says Zambia has reported its first local case of polio since 1995 in a 2-year-old boy paralysed by a virus derived from the vaccine. (AP Photo/Karel Prinsloo, File)

The World Health Organization says Zambia has reported its first local case of polio since 1995, in a 2-year-old boy paralyzed by a virus derived from the vaccine.

In a report this week, WHO said the case was detected on the border with Congo, which has reported 37 cases of polio traced to the vaccine this year. The U.N. health agency said there is no established link between the Zambia case and the ongoing Congo outbreak but said increased surveillance and vaccination efforts are needed, warning that "there is a potential for international spread."

In rare cases, the live virus in oral polio vaccine can mutate into a form capable of sparking new outbreaks.

Nine African countries are currently battling polio epidemics linked to the vaccine as WHO and partners struggle to keep their efforts to eradicate polio on track. Elsewhere, cases have been reported in China, Myanmar and the Philippines.

On Thursday, WHO and partners are expected to announce they have rid the world of type 3 polio virus.

There are three types of polio viruses. Type 2 was eliminated years ago. That now leaves only type 1. But that refers only to polio viruses in the wild. Type 2 viruses continue to cause problems since they are still contained in the oral polio vaccine and occasionally evolve into new strains responsible for some vaccine-derived outbreaks.



In this June 8, 2001 file photo a health worker administers a polio vaccine to a child at the Kamina Island in Democratic Republic of Congo. The World Health Organization says Zambia has reported its first local case of polio since 1995 in a 2-year-old boy paralysed by a virus derived from the vaccine. (AP Photo/Saurabh Das, File)

The global effort to eradicate polio was launched in 1988 and originally aimed to wipe out the potentially fatal disease by 2000. While cases have dropped dramatically, the virus remains stubbornly entrenched in parts of Pakistan and neighboring Afghanistan. This year there have been 72 cases of polio in Pakistan after only eight in 2018.

In meeting notes from an expert polio oversight board in September, WHO's Michel Zaffran said the status of eradication was "of great

concern," noting the Taliban's ban on house-to-house vaccination in Afghanistan. Officials described the program in Pakistan as a "failing trajectory."

© 2019 The Associated Press. All rights reserved.

Citation: UN says 1st local polio case found in Zambia since 1995 (2019, October 23) retrieved 16 April 2024 from <https://medicalxpress.com/news/2019-10-local-polio-case-zambia.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.