

Peer Review

Review of: "Oral Polio Vaccine Is Unsafe for the World and Should Be Replaced with Inactivated Poliovirus Vaccine Globally"

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Very good article. However, in my view, it is important to reiterate the fundamental role played by the oral poliomyelitis vaccine (OPV). This vaccine was crucial in eliminating the disease from the majority of the world's countries. Brazil recorded its last polio case in 1989, and the last case in Latin America was in 1991. The vaccine used was the oral poliomyelitis vaccine, which had a potent type 3 component. The strategy involved massive vaccination campaigns, achieving coverage of 95% of children under five years of age. The very high vaccination rate prevented the circulation of wild poliovirus in the community.

The transition to the inactivated polio vaccine (IPV) began in the last 10 years, initially introducing three doses of IPV complemented by one dose of OPV. This year, Brazil will switch to using only the inactivated vaccine.

It is also important to note that the slow adoption of IPV was due to its limited global availability and high cost 20 years ago. However, the world production capacity for the inactivated poliomyelitis vaccine has increased in recent years, improving accessibility.

Declarations

Potential competing interests: No potential competing interests to declare.