

Nepal adopts jab to boost polio fight

September 18 2014

Nepal on Thursday launched a drive to eradicate polio by supplementing oral vaccines with an injection that experts say will boost children's immunity against the disease.

The impoverished Himalayan nation has experienced intermittent success with its oral vaccine-focused campaign, as new cases have turned up every few years, most recently in 2010, when the outbreak was blamed on cross-border transmissions from neighbouring India.

Since the oral vaccine contains a weakened form of the live [polio virus](#) that can cause infections, experts have called for it to be supplemented and eventually replaced with the injection, which is already used in dozens of [developed countries](#).

The new rollout will target underdeveloped and developing countries, where the oral vaccine has long been the exclusive choice, being cheaper, easier and quicker to administer. Nepal is the first nation in South Asia to administer the jab.

"The last transmission of polio from one person to another in Nepal was almost five years ago," Nepalese Health Minister Khaga Raj Adhikari said at the launch.

"Today, we start to make sure that not one of our children will ever again have her future stolen or his dreams destroyed by this disease."

The polio virus spreads through faecal matter, attacks the central nervous

system and can leave its young victims crippled, paralysed or dead.

The World Health Organization (WHO) has recommended that all children receive at least one dose of the jab in countries that solely use oral vaccine, in order to increase immunity.

Bangladesh was one of 11 countries to be certified as polio-free by the WHO last March after going three years without reporting a new case.

Today the polio virus is considered endemic in only three countries—Afghanistan, Nigeria and Pakistan, where the vaccination campaign has been attacked by Islamists.

© 2014 AFP

Citation: Nepal adopts jab to boost polio fight (2014, September 18) retrieved 4 May 2024 from <https://medicalxpress.com/news/2014-09-nepal-jab-boost-polio.html>

<p>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.</p>
--