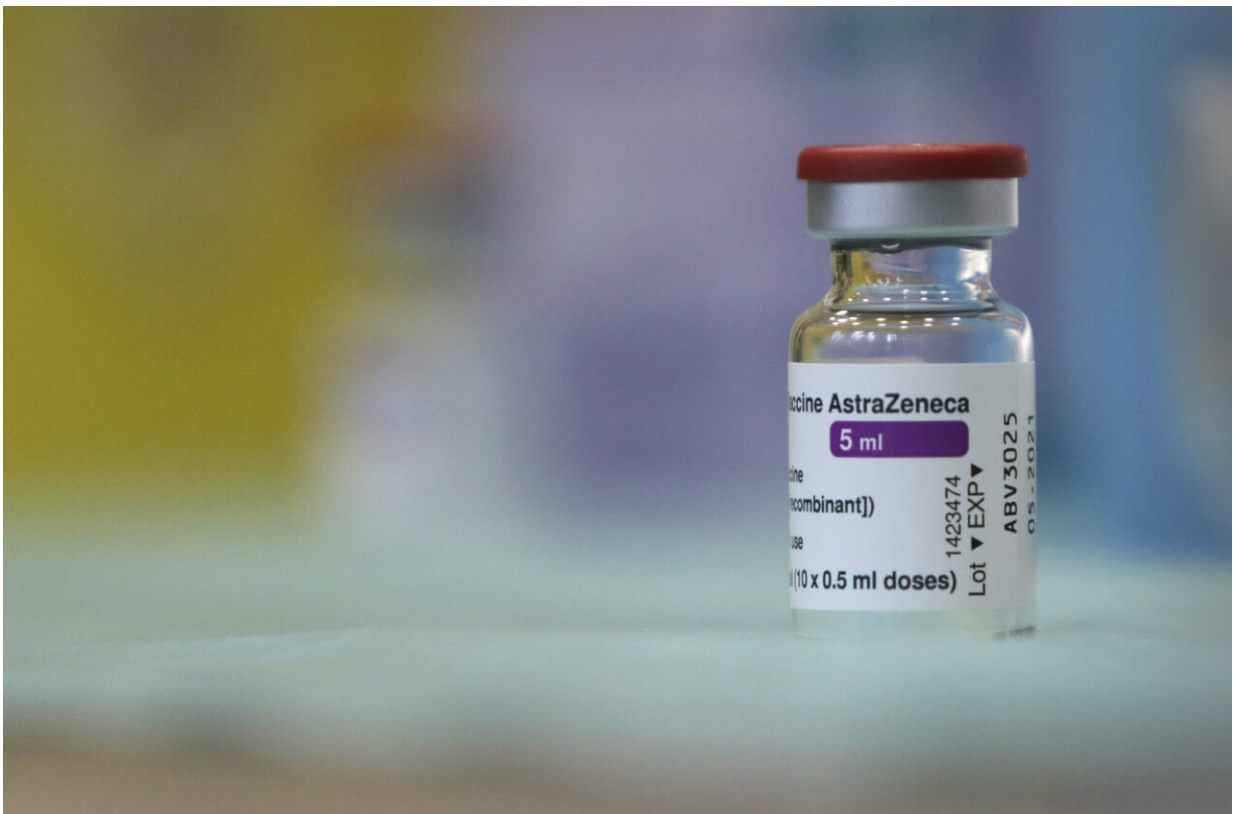


UN: 'Concerning news' vaccines may not work against variants

February 8 2021



In this file photo dated Sunday, Feb. 7, 2021, a vial of the Oxford-AstraZeneca vaccine against COVID-19 at a hospital in Sofia, Bulgarian. South Africa on Sunday Feb. 7, 2021, has suspended plans to inoculate its front-line health care workers with the AstraZeneca vaccine after a small clinical trial suggested that it isn't effective in preventing mild to moderate illness from the variant dominant in the country. (AP Photo/Valentina Petrova, FILE)

The head of the World Health Organization said Monday the emergence of new COVID-19 variants has raised questions about whether or not existing vaccines will work, calling it "concerning news" that the vaccines developed so far may be less effective against the variant first detected in South Africa.

Tedros Adhanom Ghebreyesus said at a media briefing that South Africa's decision on Sunday to suspend its vaccination campaign using the AstraZeneca vaccine is "a reminder that we need to do everything we can to reduce circulation of the virus with proven public health measures."

He said it was increasingly clear that vaccine manufacturers would need to tweak their existing shots to address the ongoing genetic evolution of the [coronavirus](#), saying booster shots would most likely be necessary, especially since new variants of the virus are now spreading globally and appear likely to become the predominant strains.

Tedros added that WHO expected to make a decision "in the next few days" on whether it would recommend an emergency use listing for the AstraZeneca vaccine. That designation would allow millions of doses to be shipped to poor countries as part of a U.N.-backed effort to distribute COVID-19 vaccines worldwide known as COVAX.

Last week, Tedros said that more than three quarters of COVID-19 vaccines had been administered in just 10 countries and that immunization in nearly 130 countries had yet to start. Despite WHO's aim of starting COVID-19 vaccination in [poor countries](#) at the same time as wealthy countries, COVAX hasn't delivered any vaccine doses anywhere.

Dr. Soumya Swaminathan, WHO's chief scientist, said people shouldn't conclude from South Africa's decision that the AstraZeneca [vaccine](#)

doesn't work. She said all of the available evidence to date shows the vaccines developed so far reduce deaths, hospitalizations and severe disease.

Other COVID-19 vaccines developed by Novavax, Pfizer and BioNTech and Johnson & Johnson also appear to be less effective against the strain first identified in South Africa, although they may prevent severe disease.

© 2021 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: UN: 'Concerning news' vaccines may not work against variants (2021, February 8) retrieved 11 May 2024 from <https://medicalxpress.com/news/2021-02-news-vaccines-variants.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.