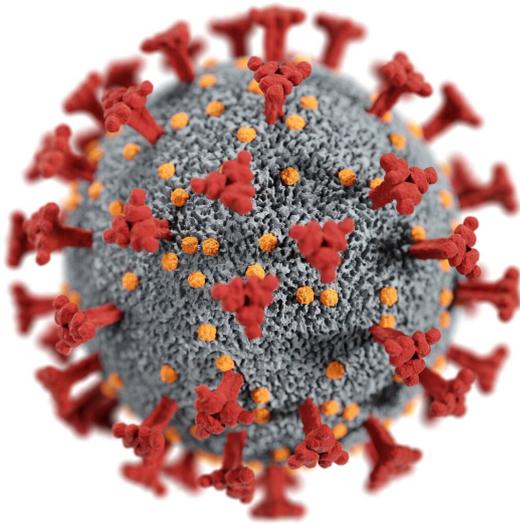


Vaccines reduce COVID transmission by 40%: WHO

24 November 2021



Credit: Pixabay/CC0 Public Domain

COVID vaccines reduce transmission of the dominant Delta variant by about 40 percent, the WHO said Wednesday, warning that people were falling into a false sense of security concerning jabs.

The World Health Organization's director-general Tedros Adhanom Ghebreyesus said many vaccinated people were wrongly thinking the jab meant they no longer needed to take any other precautions.

Fully-immunised people must stick with measures to avoid catching the virus and passing it on, Tedros insisted, spelling out how the more contagious Delta meant the vaccines were not as effective against transmission.

"We're concerned about the false sense of security

that vaccines have ended the pandemic and people who are vaccinated do not need to take any other precautions," Tedros told reporters.

"Vaccines save lives but they do not fully prevent transmission.

"Data suggests that before the arrival of the Delta variant, vaccines reduced transmission by about 60 percent. With Delta, that has dropped to about 40 percent."

The more transmissible Delta variant is now overwhelmingly dominant around the world, having all but out-competed other strains.

"If you are vaccinated, you have a much lower risk of severe disease and death but you are still at risk of being infected and infecting others," said Tedros.

"We cannot say this clearly enough: even if you are vaccinated, continue to take precautions to prevent becoming infected yourself, and infecting someone else who could die."

That meant wearing a facemask, maintaining distance, avoiding crowds and meeting others outside or only in a well-ventilated indoor space, he said.

Delta dominance

Of 845,000 sequences uploaded to the GISAID global science initiative with specimens collected in the last 60 days, 99.8 percent were Delta, according to the WHO's weekly epidemiological report.

Maria Van Kerkhove, the UN health agency's technical lead on COVID, said the Delta variant itself was evolving and the WHO was trying to track circulation and changes in the virus.

"We're making plans here, looking through future

scenarios about how much more this virus will change in terms of transmissibility or if there will be potential future immune escape, which will render some of our counter-measures less effective," she said.

The WHO has long stressed that the currently-available COVID-19 vaccines are primarily aimed at reducing the risk of severe illness, hospitalisation and death, rather than transmission.

WHO chief scientist Soumya Swaminathan said that while vaccine protection against infection was not as high with Delta as with the variants it has overtaken, the level of prevention it gives against severe disease was "still above 80 percent in the majority of cases".

Social mixing in Europe

Europe's return as the pandemic's epicentre has been blamed on Delta, sluggish vaccine uptake in some nations, colder weather moving people indoors again and the easing of restrictions.

Last week, more than 60 percent of all reported COVID-19 infections and deaths were in Europe, with the sheer number of cases translating into unsustainable pressure on health systems and exhausted health workers, said Tedros.

Europe recorded more than 2.4 million new cases last week—an 11-percent rise on the week before. Infections were up 31 percent in Germany.

WHO emergencies director Michael Ryan said that people in Europe, even in the midst of a major resurgence in cases and huge pressure on health systems, were "back to pre-pandemic levels of social mixing".

"The reality is the virus will continue to transmit intensely in that environment," he said.

© 2021 AFP

APA citation: Vaccines reduce COVID transmission by 40%: WHO (2021, November 24) retrieved 28 January 2022 from <https://medicalxpress.com/news/2021-11-vaccines-covid-transmission.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.