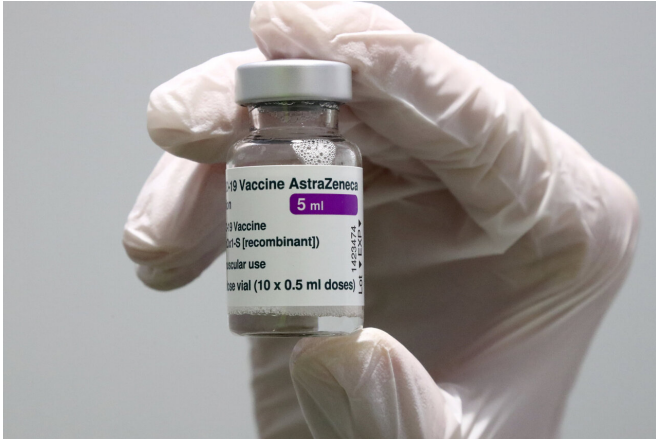


# Germany to restrict AstraZeneca use in under-60s over clots

30 March 2021, by Frank Jordans



In this Monday, March 22, 2021 file photo medical staff prepares an AstraZeneca coronavirus vaccine during preparations at the vaccine center in Ebersberg near Munich, Germany. Berlin's top health official said Tuesday March 30, 2021, that the German state of Berlin is again suspending the use of AstraZeneca's coronavirus vaccine for people under 60 as a precaution, due to reports of blood clots. (AP Photo/Matthias Schrader, File)

German health officials agreed Tuesday to restrict the use of AstraZeneca's coronavirus vaccine in people under 60, amid fresh concern over unusual blood clots reported in a tiny number of those who received the shots.

Health Minister Jens Spahn and state officials agreed unanimously to only give the vaccine to people aged 60 or older, unless they belong to a high-risk category for serious illness from COVID-19 and have agreed to take the vaccine despite the small risk of a serious side-effect. The same option will be available to anyone who gets the shot at their GP, which will start to become possible later this month.

"In sum it's about weighing the risk of a side effect

that is statistically small, but needs to be taken seriously, and the risk of falling ill with corona," Spahn told reporters in Berlin.

The move follows the recommendations of Germany's independent vaccine expert panel and comes after the country's medical regulator released new data showing a rise in reported cases of an unusual form of blood clot in the head—known as sinus vein thrombosis—in recent recipients of the AstraZeneca vaccine.

The news is a further blow to the vaccine, which is critical to Europe's immunization campaign and a linchpin in the global strategy to get shots to poorer countries. It comes less than two weeks after the EU drug regulator said [the vaccine does not increase the overall incidence of blood clots](#) following a similar scare.

The European Medicines Agency said at the time that the benefits of vaccination outweigh the risks, but it could not rule out a link between the shot and some unusual kinds of clots, and recommended adding a warning about possible rare side-effects.

Several German regions—including the capital Berlin and the country's most populous state, North Rhine-Westphalia—had already suspended use of the shots in younger people earlier Tuesday after the country's medical regulator said its tally of the rare blood clots reported by March 29 had increased to 31. Some 2.7 million doses of AstraZeneca have been administered in Germany so far.



had received both shots.

Use of the AstraZeneca vaccine was temporarily halted in several European countries earlier this month over concerns about the rare blood clots. After a review by medical experts at the European Medicines Agency, most European Union countries, including Germany, [resumed use of the vaccine](#) on March 19.

On Monday, Canada suspended use of the AstraZeneca vaccine in people under 55, citing new concerning data from Europe.

In this file photo dated Monday, March 22, 2021, medical staff prepares a syringe from a vial of the AstraZeneca coronavirus vaccine during preparations at the vaccine center in Ebersberg near Munich, Germany. Berlin's top health official said Tuesday March 30, 2021, that the German state of Berlin is again suspending the use of AstraZeneca's coronavirus vaccine for people under 60 as a precaution, due to reports of blood clots. (AP Photo/Matthias Schrader, FILE)

"There is substantial uncertainty about the benefit of providing AstraZeneca COVID-19 vaccines to adults under 55 given the potential risks," said Dr. Shelley Deeks, vice chair of Canada's National Advisory Committee on Immunization.

Nine of the people died and all but two of the cases involved women, who were aged 20 to 63, the Paul Ehrlich Institute said.

In a statement ahead of the announcement, AstraZeneca said tens of millions of people worldwide have received its vaccines, and noted that the EU regulator and the World Health Organization concluded that the benefits of the shot outweigh the risks.



The company said it would continue to work with German authorities to address any questions they might have, while also analyzing its own records to understand whether the rare blood clots reported occur more commonly "than would be expected naturally in a population of millions of people."

An elderly woman wearing a face mask walks past a plastic cow that decorates a hotel entrance in Frankfurt, Germany, Monday, March 29, 2021. (AP Photo/Michael Probst)

The suspensions come as Germany, along with other European countries, is scrambling to ramp up its vaccine program, which lags far behind those in Britain and the United States. By Monday, some 13.2 million people in the country had received at least one dose of vaccine, while nearly 4 million

Deeks said the updated recommendations come amid new data from Europe that suggests the risk of blood clots is now potentially as high as one in 100,000, much higher than the one-in-a-million risk believed before.

Germany's decision is likely to affect appointments made by tens of thousands of teachers and people with pre-existing conditions who received invitations to get vaccinated in Berlin in recent days. Appointments for the AstraZeneca shot were available sooner than for those made by Pfizer-BioNTech and Moderna due to higher demand for those vaccines.



People wear face masks as they queue in front of the vaccination center in Frankfurt, Germany, Monday, March 29, 2021. (AP Photo/Michael Probst)

Scientists at the University of Greifswald, Germany, this week published the results of their investigation into the possible causes of the blood clots, saying the condition is similar to a side-effect seen in some patients who receive the blood thinning medication heparin.

The study, which hasn't been peer-reviewed yet, doesn't provide a conclusive explanation for why some people vaccinated with the AstraZeneca shot develop the rare blood clots. Still, experts not involved in the study said it offers important information to doctors.

Alice Assinger, a specialist in vascular diseases and blood clot research at the Medical University of Vienna, said there is a treatment for the rare clots.

But others warned the German decision could harm the vaccine campaign.

"If people are not vaccinated, because use of the vaccine is suspended, or because of a drop in confidence in the vaccine caused by the decision, some of them will get ill from Covid-19; and some of them will die," said Peter English, the former chairman of the British Medical Association's public health medicine committee. "Any decision to withhold the vaccine will directly cause excess, avoidable COVID-19 deaths."

Spahn acknowledged that the decision to suspend use of the vaccine for under-60s was "without doubt a setback" for the vaccination campaign, noting that Germany is due to receive 15 million AstraZeneca doses in the second quarter.

But he said the supply would now be made available to people over 60 who might otherwise have had to wait longer, reducing their risk of falling seriously ill with COVID-19.

Initially, several European countries hesitated to give the AstraZeneca shot to older people, citing a lack of data from the company about the vaccine's effectiveness in those aged 65 and over. Subsequent studies showing it works in older people prompted most countries to approve it for those age groups.

Among those who will likely be eligible for the shot soon is German Chancellor Angela Merkel.

The 66-year-old said Tuesday's decision was important for ensuring public trust in the vaccine campaign and that she would accept the shot made by the British-Swedish company.

"When it's my turn I'll allow myself to be vaccinated, including with AstraZeneca," Merkel said.

© 2021 The Associated Press. All rights reserved.

This material may not be published, broadcast,  
rewritten or redistributed without permission.

APA citation: Germany to restrict AstraZeneca use in under-60s over clots (2021, March 30) retrieved 27  
May 2021 from <https://medicalxpress.com/news/2021-03-german-cities-astrazeneca-vaccine-under-60s.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.*