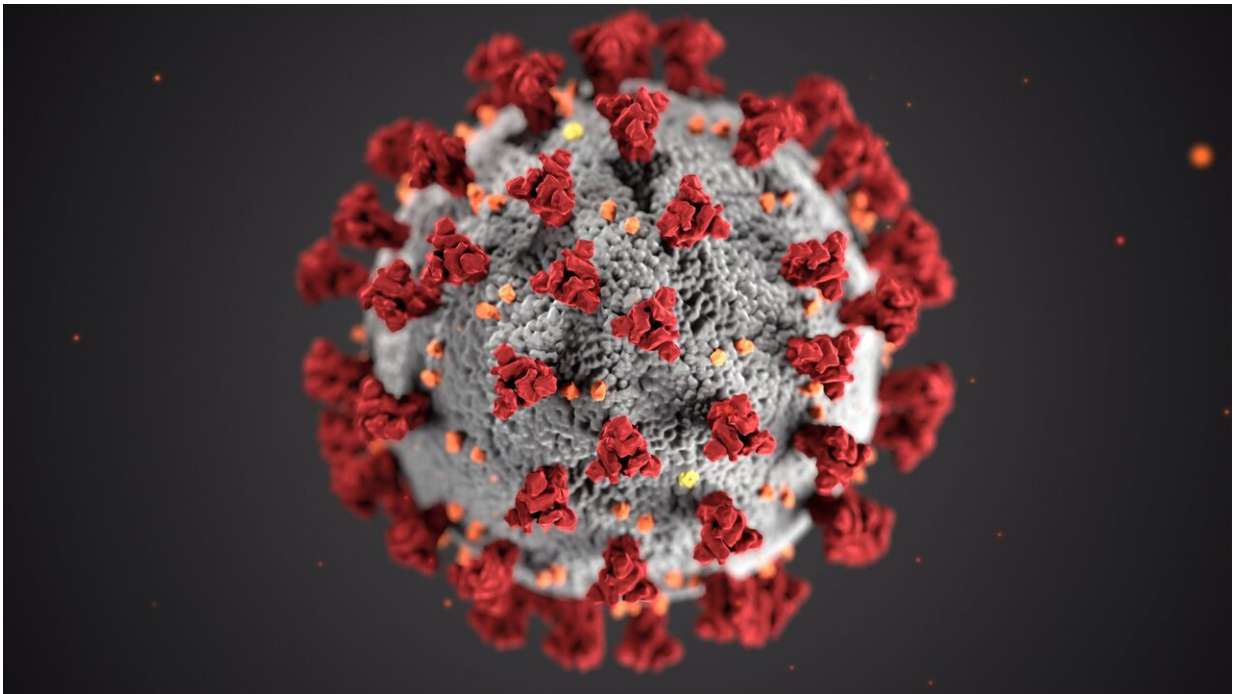


# Norway adjusts advice after vaccine deaths but isn't alarmed

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Norwegian officials have adjusted their advice on who gets the COVID-19 vaccine in light of a small number of deaths in older people, leaving it up to each doctor to consider who should be vaccinated.

The Norwegian Medicines Agency on Thursday reported a total of 29 people had suffered side effects, 13 of them fatal. All the deaths

occurred among patients in nursing homes and all were over the age of 80.

The agency listed fever and nausea as side effects which "may have led to the deaths of some frail patients," Sigurd Hortemo of the Norwegian Medicines Agency said in the body's first report of the side effects.

More than 30,000 people have received the first shot of the Pfizer or Moderna [coronavirus](#) vaccine in the Scandinavian country since the end of December, according to official figures.

"We are not alarmed by this. It is quite clear that these vaccines have very little risk, with a small exception for the frailest patients," Steinar Madsen, medical director with the agency, told Norwegian broadcaster NRK.

"Doctors must now carefully consider who should be vaccinated. Those who are very frail and at the very end of life can be vaccinated after an individual assessment," he added.

Earlier this week, the Norwegian Institute of Public Health said that "any side effects of the vaccine will be outweighed by a [reduced risk](#) of becoming seriously ill with COVID-19 for elderly, frail people."

It added that "for very frail patients and terminally ill patients, a careful balance of benefit versus disadvantage of vaccination is recommended."

In its report, the Norwegian Medicines Agency said that 21 women and eight men had side effects. Beside those who died, the agency said nine had [serious side effects](#) without a fatal consequence and seven had less serious side effects. The nine patients had allergic reactions, strong discomfort and severe fever while the less serious side effects included severe pain at the injection site.

Overall, Norway has seen 57,279 cases and reported 511 deaths.

Across the world, officials expect deaths and other severe side effects to be reported after any mass vaccination campaign given the huge numbers of people involved. But determining whether or not the [vaccine](#) caused deaths can be very challenging and requires that all other potential causes be ruled out first.

The United Kingdom and the United States have also reported a number of cases of [side effects](#) that had fatal consequences.

The European Medicines Agency said Friday that it will receive and consider monthly safety reports from companies authorized to sell vaccines, starting in January with the Pfizer jab.

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