

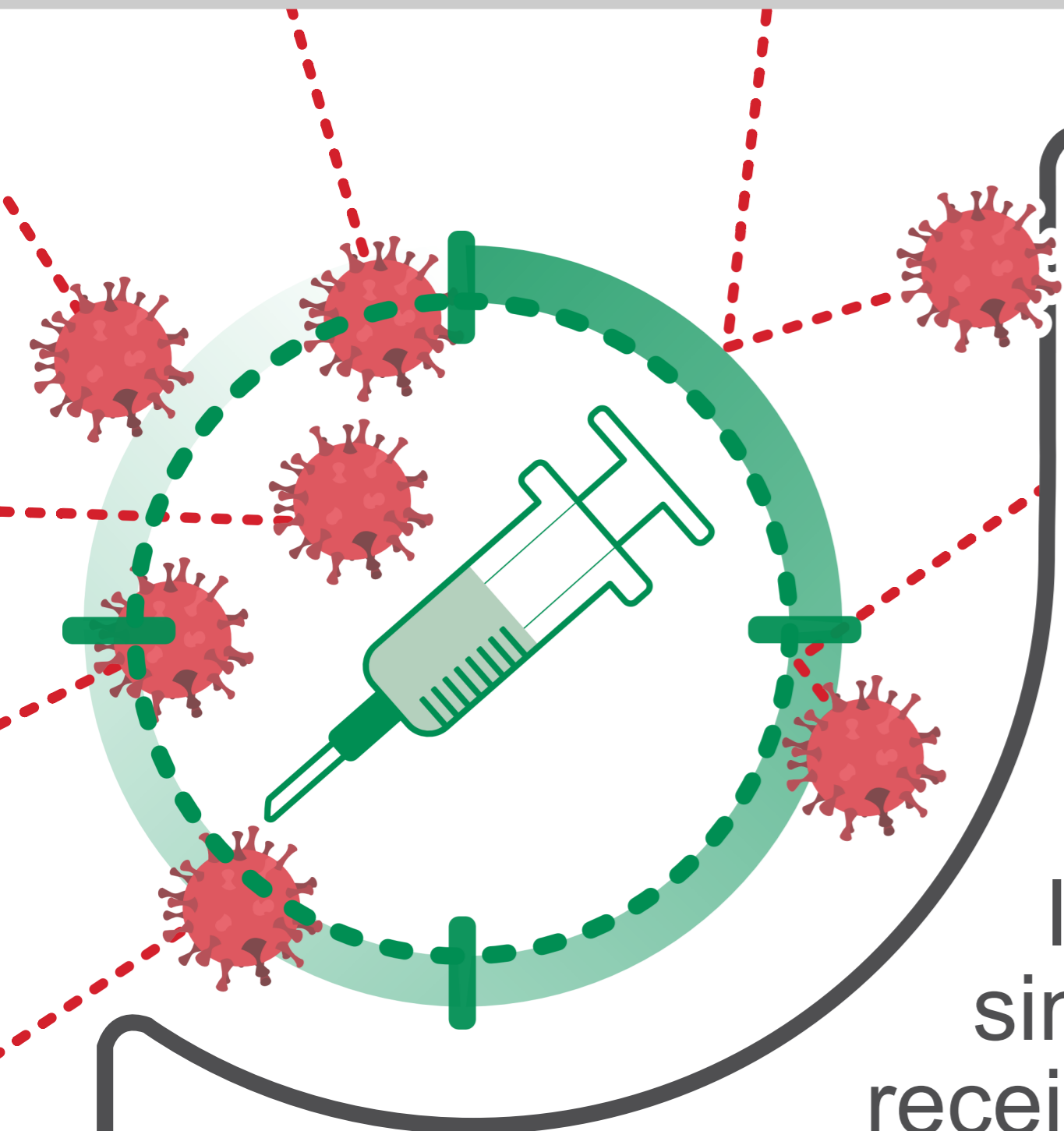
What is the risk of COVID-19 being passed on by people who have been vaccinated?

Rapid Evidence Review : November 2021

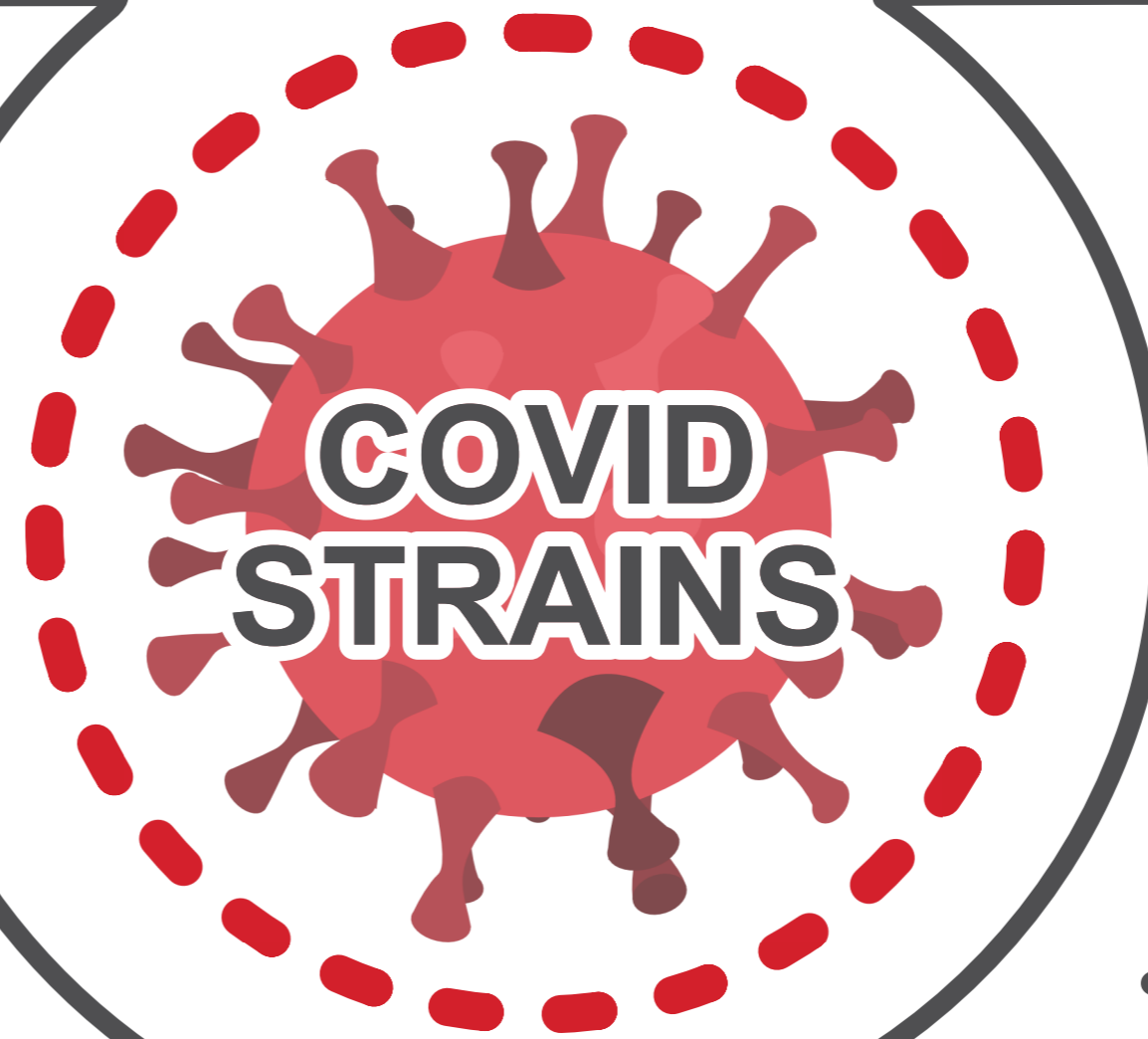
This review examined evidence on the risk of spread of COVID-19 from vaccinated people to others, who themselves may, or may not be vaccinated.



35 studies published in 2021 were included in this review



- For both the Alpha and Delta strains the longer it is since someone received their vaccination, the more easily they could pass the virus on.



- When the dominant strain was Alpha, early studies showed the spread of the virus from vaccinated people was reduced.

- There were very few studies on Delta strain transmission after vaccination and none on Omicron at the time of the Review.

- Fully vaccinated people were less likely to pass on the virus than those with partial vaccination.

Most of the studies looked at spread within household settings, so the results cannot be applied to other settings.



Future actions:



Further research is needed to understand how COVID-19 spreads, especially the new strains of concern (including Omicron).

The Evidence Centre has been working together with the UK Health Security Agency to update with more recent and higher quality evidence.



Full COVID-19 vaccination, including boosters, should be encouraged.

The spread of the virus in other settings such as:



Schools



Care Homes



Hospitals



Work places



Social venues



People at risk

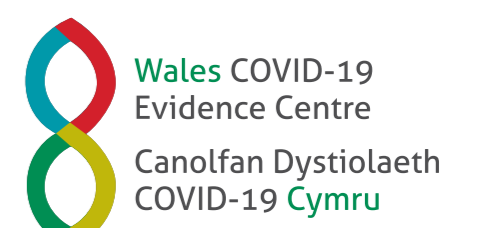
needs further study.



Technoleg Iechyd Cymru
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Ariennir gan
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Funded by
Welsh Government



Wales COVID-19
Evidence Centre
Canolfan Dystiolaeth
COVID-19 Cymru



Ymchwil Iechyd
a Gofal Cymru
Health and Care
Research Wales

Rapid Review is available at :

<http://www.primecentre.wales/resources/RR/Clean/RR00012> Wales COVID-19 Evidence Centre-Rapid Review What is the risk of Sars-CoV-2 transmission in vaccinated populations November 2021.pdf