

Time Administration of COVID-19 Vaccines

COVID-19

VACCINATION



Western Health

HUB



Please find useful information for time interval between first and second dose of COVID-19 Vaccines.

AstraZeneca Vaccines

ATAGI's recommendation for AstraZeneca is a preferred 12 week dosing interval, with a minimum of 4 weeks if necessary.

Schedule: 2 doses, 12 weeks apart (minimum interval 4 weeks apart)

The recommended interval between two doses of COVID-19 Vaccine AstraZeneca is 12 weeks. The minimum interval between doses is 4 weeks.

In clinical trials, the timing of administration of COVID-19 Vaccine AstraZeneca ranged from approximately 4 weeks up to 26 weeks. In a post-hoc analysis, vaccine efficacy following the second dose of COVID-19 Vaccine AstraZeneca progressively increased with a longer interval between doses and appeared to be greatest when the interval was ≥ 12 weeks. Short-term efficacy from 3 weeks after the first dose, before the second dose and up to 12 weeks post vaccination was about 73% (95% CI: 48.7985.76).

Shortening the interval from 12 weeks to no less than 4 weeks between doses is acceptable and may be appropriate in certain circumstances, for example, imminent travel or anticipated risk of COVID-19 exposure. If a dose has been inadvertently given before the minimum 4-week interval, it is not currently recommended that the vaccine dose be repeated.

Pfizer Vaccines

The recommended interval between two doses of Comirnaty (Pfizer) is at least 21 days. The minimum acceptable interval between the two doses is 19 days. It is recommended to complete the two-dose course within 6 weeks.

Comirnaty (Pfizer Australia Pty Ltd) is provisionally registered in people aged ≥ 16 years and is given in a two-dose schedule. Pfizer has efficacy after two doses of about 95% against symptomatic COVID-19.

Further information is provided below, and is also available online at

https://www.health.gov.au/sites/default/files/documents/2021/02/covid-19-vaccination-atagi-clinical-guidance-on-covid-19-vaccine-in-australia-in-2021_0.pdf