



## COVID-19 QUIZ

### QUESTIONS

1. How long did the placebo-controlled Pfizer trial run for?
2. When did the original Pfizer clinical trial end?
3. What was the absolute risk reduction (ARR) in the Pfizer trial?
4. How many amplification cycles were used for the covid PCR tests in NZ?
5. Can you describe what purpose a vaccine passport would serve?
6. Do you know who/what the FSMB and IAMRA are? Why are they relevant?
7. What was the average age of death in New Zealand from covid?
8. How many serious adverse events were reported to Medsafe by Nov 2022?
9. What percentage of Medsafe's funding comes from pharmaceutical companies?
10. Is Comirnaty a vaccine by usual definition of vaccine?
11. When was the first official peer-reviewed statistical proof of C-19 having a moderate or severe influenza level mortality?
12. When was the "Golden Rule" of therapeutics in pregnancy formally suspended by the World Health Organisation?



# COVID-19 QUIZ

## ANSWERS

1. The placebo arm ran just for a few months before the participants were offered vaccination.

<https://www.nejm.org/doi/full/10.1056/NEJMoa2034577>

2. 10 February 2023

<https://clinicaltrials.gov/study/NCT04368728?a=49>

3. 0.84%

Table 2 in the above trial indicates that 170 patients got covid infection of which 162 were unvaccinated and 8 were vaccinated out of trial population of 36,525.

### Relative risk reduction (RRR)

Relative risk is calculated as the ratio of events in the experimental group divided by the ratio of the events in the control group.

- Ratio of vaccinated group that developed covid:  $8/170 = 0.047$
- Ratio of placebo group that developed covid:  $162/170 = 0.953$
- Relative risk of developing covid =  $0.047/0.953 = 0.049$
- RRR of developing covid =  $1 - 0.049 = 0.95$  (95%)

However this does not reflect the overall risk reduction related to developing covid-19. For this the absolute risk reduction (ARR) is required, which takes into account all the participants of the study rather than just the subsets who got infected.

### Absolute risk reduction (ARR)

- 162 out of 18,325 placebo participants developed infection = 0.88%
- 8 out of 18,198 vaccinated participants developed infection = 0.04%
- ARR =  $0.88 - 0.04 = 0.84\%$

For an easy to understand explanation visit: <https://www.canadiancovidcarealliance.org/featured/relative-vs-absolute-risk-reduction-2/>

4. Up to 40.

<https://nzdsos.com/wp-content/uploads/2024/08/210901-PCR-threshold.pdf>



## COVID-19 QUIZ

### ANSWERS CONTINUED

5. None. If the vaccine works (100% effective) a person is protected and doesn't need to worry about others, if the vaccine doesn't work (<100% protective) knowing someone else's vaccine status is irrelevant. A vaccine passport does not take into account natural immunity, a multitude of other infectious diseases or the waning immunity from vaccines.

6. The MCNZ has a close association with both organisations.

**FSMB:** Federation of State Medical Boards

**IAMRA:** International Association of Medical Regulatory Authorities

<https://nzdsos.com/2023/06/23/dr-bruce-dooley-unmasking-hidden-power-fsmb/>

7. Mean age of death from covid in NZ is 79.4 years, and the median age is 82 years.

[https://nzdsos.com/wp-content/uploads/2024/08/240509-Mean-age-of-death-with-covid\\_Redacted.pdf](https://nzdsos.com/wp-content/uploads/2024/08/240509-Mean-age-of-death-with-covid_Redacted.pdf)

8. 3,688

<https://www.medsafe.govt.nz/COVID-19/safety-report-46.asp>

9. 84.05%

<https://nzdsos.com/wp-content/uploads/2024/08/231218-OIA-x-3-combined-re-Medsafe-Funding.pdf>

10. No, previous vaccines have included attenuated viruses, protein sub-units and toxoids etc. but have never introduced lipid nanoparticles or synthetic genetic material to cause human cells to produce a foreign protein.

In addition, the CDC definition of "vaccination" changed in 2015 from "Injection of a killed or weakened infectious organism in order to **prevent** disease" to "The act of introducing a vaccine into the body to produce **immunity** to a specific disease" and then again in 2021 to "The act of introducing a vaccine into the body to produce **protection** from a specific disease".

11. October 2020 online and January 2021 in print, John Ionnidis, a world-leading infectious disease epidemiologist, calculated and published an Infection Fatality Rate (IFR) for under 70 years of age of 0.05%.

12. It wasn't.

