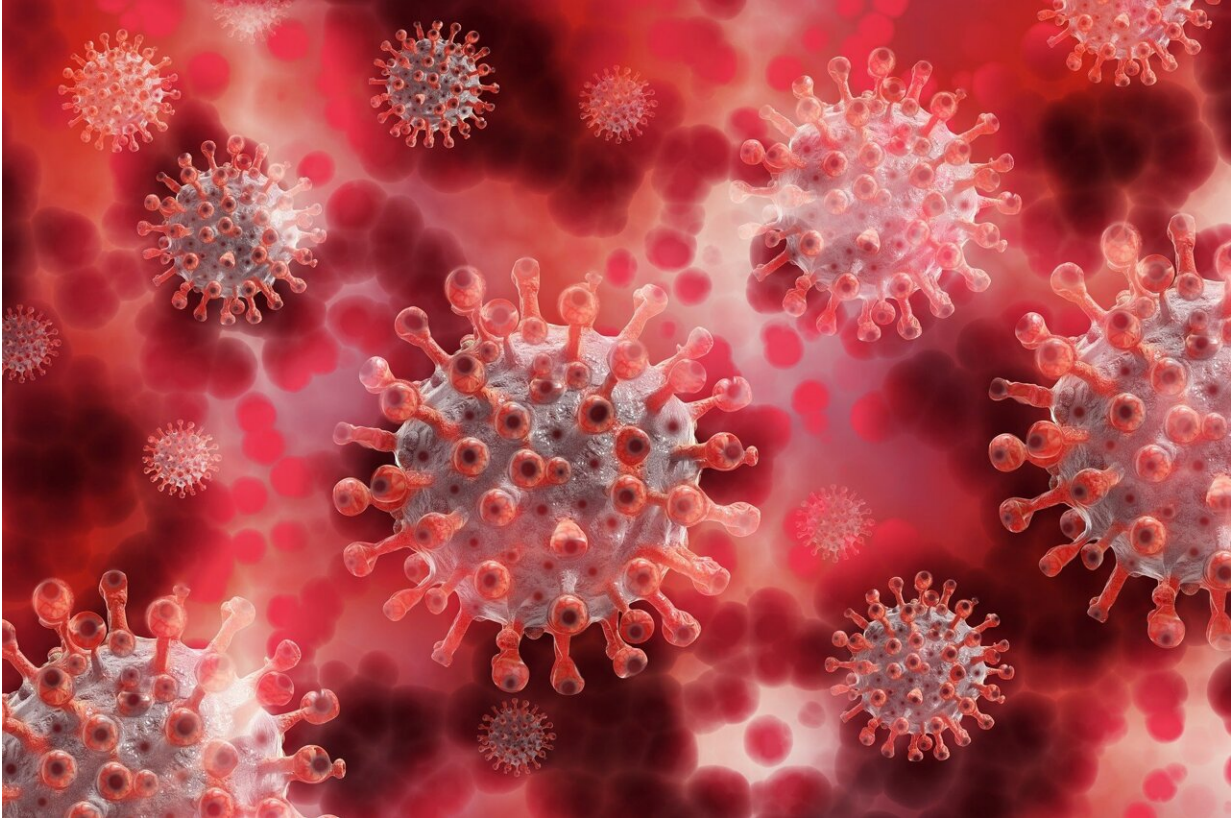


COVID calculator updated

December 22 2021



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The University of Queensland has updated a calculator to help people understand their risk factors for COVID-19 infection and vaccination with the Pfizer vaccine.

UQ co-lead researcher Dr. Kirsty Short said the [Immunisation Coalition](#)

[COVID-19 Risk Calculator](#) (CoRiCal) was an [online tool](#) to support the community accessing the benefits and risks of COVID-19 vaccines.

"Previously, the calculator focused on the AstraZeneca vaccine, now it has been updated to calculate the efficacy of the Pfizer vaccine against infection and death and the possibility of developing myocarditis related to the vaccination," Dr. Short said.

"This tool is really designed to help people make an [informed decision](#) around vaccination based on their current circumstance and also see their risk for getting COVID-19 under different transmission scenarios.

"Users can access the tool and input their age, sex, community transmission and vaccination status to find out their personalized calculation.

"For example, you can find out your chance of being infected with COVID-19 versus your chance of dying from the disease."

The model behind the CoRiCal tool has been developed by UQ's Professor Colleen Lau, Dr. Helen Mayfield, and Ph.D. student Jane Sinclair.

Professor Lau said with the number of COVID cases now steadily rising, the calculator would be vital in helping the public make informed decisions about their health.

"It will provide essential information as the community discusses the need for booster vaccinations," she said.

"Importantly, the updated [calculator](#) takes into account the number of vaccine doses you have received, and time since the second dose of the Pfizer vaccine, as we know that immunity wanes."

Provided by University of Queensland

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