

The daily evidence digest collates recently released reports and evidence – provision of these links does not imply endorsement nor recommendation.

Obesity and vaccine efficacy, backward contact tracing, indirect impacts of COVID-19 on Aboriginal communities

Peer reviewed journals featured:

- A review and meta-analysis on the severity and outcomes of obesity in the COVID-19 era [here](#)
- Systematic reviews on:
 - The quality of COVID-19-related systematic reviews and meta-analyses [here](#)
 - Convalescent plasma and clinical outcomes [here](#) and associated commentary [here](#)
 - Adaptations in mental health services during COVID-19 and other contagions [here](#)
 - The scope of artificial intelligence, telehealth, and related technologies for public health responses to COVID-19 [here](#)
- Randomised trials on tocilizumab and sarilumab [here](#) and on tocilizumab [here](#) and an associated editorial [here](#)
- A survey of Australian surgeons on the utilisation of telehealth by during COVID-19 [here](#)
- Observational studies on:
 - Seroprevalence of SARS-CoV-2-specific antibodies after the first wave in Sydney [here](#)
 - Airborne dispersion of droplets during coughing [here](#)
 - Functional recovery from COVID-19 associated anosmia in Europe [here](#)
 - Profiling Australian adopters, and non-adopters, of contact tracing mobile apps [here](#)
 - The detection of B.1.351 (South African) variant in Zambia, in December 2020 [here](#)
- An editorial on COVID-19 vaccine hesitancy among ethnic minority groups in the UK [here](#)
- Commentary on:
 - The indirect impacts of COVID-19 on Aboriginal communities across NSW [here](#)
 - A summary of the different types of SARS-CoV-2 vaccines [here](#)
 - The effectiveness of backward contact tracing in networks [here](#)
 - Supporting communities that host COVID-19 vaccine efficacy trials [here](#)
 - A philosopher's perspective and COVID-19 [here](#)
 - Challenges and opportunities for clinician wellbeing in COVID-19 [here](#)
 - COVID-19 vaccine apps [here](#)

Letters and correspondence discussed:

- Emerging SARS-CoV-2 variants reduce neutralisation sensitivity to convalescent sera [here](#)
- Historical evidence on mandating vaccination [here](#)
- The decline in cancer pathology notifications during COVID-19 restrictions in Victoria [here](#)
- A call for equitable access for migrants health to COVID-19 vaccines [here](#)
- The effect of previous SARS-CoV-2 infection on antibody responses to single-dose BNT162b2 (Pfizer) vaccine [here](#) and [here](#)
- Correspondence about a previously published article on COVID-19, children and schools [here](#), [here](#), [here](#), [here](#) and the authors' response [here](#)
- Negative seroconversion following Pfizer vaccination for a patient on ocrelizumab [here](#)

Pre-peer review articles featured:

- Neuropsychological deficits after COVID-19 [here](#)
- An association between obesity and SARS-CoV-2 vaccine immunogenicity [here](#)

Guidance and reports

- The World Health Organization published:
 - A roadmap to improve and ensure good indoor ventilation for COVID-19 [here](#)
 - The latest COVID-19 weekly epidemiological update [here](#) and a special edition on variants of concern [here](#)

News and blogs

- Trial hints that Pfizer vaccine could curb COVID-19 transmission in Israel [here](#)
- Learning from doctors with post-acute COVID-19 syndrome [here](#)

[Click here](#) to subscribe to the daily evidence digest.