

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

Cardiopulmonary exercise testing to evaluate long COVID, long COVID conditions, key lessons from Australia's public health response

Peer reviewed journals featured:

- Systematic reviews on:
 - The use of cardiopulmonary exercise testing to evaluate long COVID-19 symptoms [here](#)
 - The impact of COVID-19 and associated control measures on mental health [here](#)
- Observational studies on:
 - Long COVID with clinical condition definitions and comparison [here](#)
 - Long COVID 6 to 12 months after infection [here](#)
 - Effect of remdesivir post hospitalisation for COVID-19 [here](#)
 - Association between COVID-19 vaccination time interval and pregnancy rate after in vitro fertilization [here](#) and associated commentary [here](#)
 - Protection of prior SARS-CoV-2 infection against reinfection with Omicron in mRNA-vaccinated and nonvaccinated people in Quebec, Canada [here](#)
 - Safety of Comirnaty (Pfizer) vs other vaccines in children younger than 5 years [here](#)
 - Severe COVID-19 outcomes after full vaccination of primary schedule and initial boosters in the UK [here](#) and associated commentary [here](#)
- Commentary on lessons from Australia's COVID-19 public health response [here](#)

Letters and correspondence discussed:

- Myocarditis after Comirnaty (Pfizer) vaccination in Israeli adolescents [here](#)
- Neutralisation escape by Omicron subvariant BA.4.6 [here](#)
- Omicron sublineage BA.2.75.2 exhibits extensive escape from neutralising antibodies [here](#)
- Omicron-adapted vaccines might require longer follow-up to reveal true benefits [here](#)

Pre-peer review articles featured:

- Psychophysiologic symptom relief therapy (PSRT) for long COVID [here](#)
- Development of hybrid immunity during the Omicron outbreak in Switzerland [here](#)
- Fluvoxamine for outpatient treatment of COVID-19 [here](#)
- Viral infectivity in paediatric SARS-CoV-2 clinical samples does not vary by age [here](#)
- Post-acute symptoms four months after SARS-CoV-2 infection during the Omicron period [here](#)
- Identifying contextual and spatial risk factors for long COVID [here](#)
- Increased levels of inflammatory molecules in blood of long COVID patients point to thrombotic endotheliitis [here](#)

Guidance and reports

- The World Health Organization published:
 - A good practice statement on the use of variant-containing COVID-19 vaccines [here](#)
 - Its weekly epidemiological report on COVID-19 [here](#)

News and blogs

- Omicron boosters could arm against variants that don't yet exist [here](#)
- An estimate of 10.5 million children lost a parent, caregiver to COVID-19 [here](#)
- COVID-19 booster vaccines rolled out in the UK as hospital admissions rise [here](#)

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on SARS-CoV-2 [vaccines](#), and [variants](#) of concern, and [post-acute sequelae of COVID-19 \(long COVID\)](#).