

Daily evidence digest

9 February 2022

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

Oral antivirals, maternal outcomes, cardiovascular outcomes, antibodies 16 months post-infection, COVID-19 responses in OECD countries

Peer reviewed journals featured:

- Systematic reviews on:
 - Remdesivir for COVID-19 in pregnancy [here](#)
 - Specific interleukin-1, specific interleukin-6 inhibitors, and GM-CSF blockades for COVID-19 at the edge of sepsis [here](#)
- Meta-analysis of molnupiravir, fluvoxamine, and Paxlovid oral antiviral treatment [here](#)
- Observational studies on:
 - Association of SARS-CoV-2 infection with serious maternal morbidity and mortality from obstetric complications [here](#)
 - Long-term cardiovascular outcomes of COVID-19 [here](#)
 - Antibody dynamics in COVID-19 convalescents up to 16 months after infection [here](#)
 - The impact of COVID-19 forecast visualisations on pandemic risk perceptions [here](#)
 - The utilisation of physician-based mental healthcare services among children and adolescents during COVID-19 in Ontario, Canada [here](#) and associated editorial [here](#)
 - The effectiveness of COVID-19 vaccines against symptomatic SARS-CoV-2 infection and severe outcomes in Ontario, Canada [here](#)
- A case report of Comirnaty (Pfizer) vaccine-induced myocarditis [here](#)

Letters and correspondence discussed:

- An Australian case of multisystem inflammatory syndrome in an adult during the Delta outbreak [here](#)
- Durability of anti-spike antibodies in infants after maternal COVID-19 vaccination or natural infection [here](#)

Pre-peer review articles featured:

- Omicron symptomatic infections in previously infected or vaccinated South African healthcare workers [here](#)
- Casirivimab/imdevimab and bamlanivimab/etesevimab for early treatment of non-hospitalised COVID-19 patients [here](#)

Guidance and reports

- The World Health Organization published its latest global pulse survey on continuity of essential health services during COVID-19 [here](#), [here](#) and [here](#)
- The Organisation for Economic Cooperation and Development (OECD) published a synthesis of first lessons from government evaluations of COVID-19 responses [here](#)
- The Canadian National Collaborating Centre for Methods and Tools updated its report on risk of COVID-19 transmission in post-secondary institutions and mitigating on-campus outbreaks [here](#)
- The European Society of Clinical Microbiology and Infection Disease released guidelines on testing for SARS-CoV-2 in asymptomatic individuals to prevent transmission in healthcare settings [here](#)

News and blogs

- A third of children in need accessed mental health support during the pandemic in England [here](#)
- Past infection may not protect against future variants [here](#)
- COVID-19 hits the vulnerable in aged care in Australia again [here](#)
- Rapid antigen test reporting mandate in NSW [here](#)
- COVID-related myocarditis [here](#)

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on [COVID-19 transmission](#), SARS-CoV-2 [vaccines](#), and [variants](#) of concern, [post-acute sequelae of COVID-19 \(PASC\)](#), [surgery and COVID-19](#), [rapid testing](#) and [risk mitigation strategies](#).