

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

Glucocorticoids and viral clearance, haemoperfusion and blood purification strategies, reopening of international borders in Australia

Peer reviewed journals featured:

- Systematic reviews on:
 - Association between glucocorticoids treatment and viral clearance delay in COVID-19 patients [here](#)
 - Haemoperfusion and blood purification strategies in COVID-19 patients [here](#)
- A randomised clinical trial on antithrombotic therapy in clinically stable, symptomatic COVID-19 outpatients [here](#)
- Observational studies on:
 - Timing of venous thromboembolism diagnosis in COVID-19 patients [here](#)
 - Genome-wide association study of severe COVID-19 with respiratory failure [here](#)
 - Effectiveness of various gargle formulations and salt water against SARS-CoV-2 [here](#)
 - Vaccine breakthrough infections with the Alpha variant in healthcare workers [here](#)
- Modelling studies on:
 - The impact of re-opening the international border on COVID-19 hospitalisations in Australia [here](#)
 - The risk of SARS-CoV-2 outbreaks in low prevalence settings following the removal of travel restrictions [here](#)
- Editorials on:
 - Cardiac involvement in COVID-19 [here](#)
 - Aspirin as a treatment for COVID-19 [here](#)
 - A parliamentary committee report on the UK COVID-19 response [here](#)

Letters and correspondence discussed:

- Peripheral vasoactive drug infusions during critical care transport of children with paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 infection [here](#)
- Differential kinetics of immune responses elicited by COVID-19 vaccines [here](#)

Pre-peer review articles featured:

- A projection of the COVID-19 burden shift to the young population as vaccines are rolled out [here](#)
- Vaccine effectiveness in household contacts during Delta variant dominance in the Netherlands [here](#)
- Breakthrough SARS-CoV-2 infections in 620,000 US veterans [here](#)
- COVID-19 vaccine breakthrough infections in fully vaccinated immunocompromised patients [here](#)
- Effectiveness of Comirnaty (Pfizer) and Vaxzevria (AstraZeneca) vaccines for reducing susceptibility of Delta variant [here](#)
- The impact of heating, ventilation, and air conditioning design features for mitigating virus transmissions and COVID-19 [here](#)
- Breastfeeding infants and neutralising antibodies and cytokines from immunised mothers [here](#)
- The role of educational settings in the transmission chain of SARS-CoV-2 in 2020 [here](#)
- One-shot immunisation with Sputnik Light effectiveness against Delta variant in Moscow [here](#)

Guidance and reports

- The World Health Organization released an update of its COVID-19 vaccine tracker [here](#)
- The Australian National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [here](#)
- The UK Health Security Agency published an update on SARS-CoV-2 variants of concern and variants under investigation [here](#)

News and blogs

- PCR testing is suspended at a UK private laboratory after high rate of false negatives [here](#)
- People who take statins may be less likely to die from COVID-19 [here](#)
- Scientists report “unacceptable” abuse and threats after speaking out during COVID-19 [here](#)
- UK patients left confused over COVID-19 vaccine rollout of third primary doses [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](#).