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.