

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

Weather and COVID-19, 6-month post diagnosis of paediatric inflammatory multisystem syndrome, controls for air travel into COVID-19 free countries

Peer reviewed journals featured:

- Systematic reviews on:
 - The correlation of weather with COVID-19 [here](#)
 - The efficacy and safety of tocilizumab in COVID-19 patients [here](#) and correspondence [here](#)
 - Histopathological findings and clinicopathologic correlation in COVID-19 [here](#)
- A case report of reinfection with SARS-CoV-2 P.2 variant (Brazil) [here](#)
- Observational studies on:
 - The fit and filter integrity of a respirator mask after multiple autoclave cycles [here](#)
 - 6 month follow-up post diagnosis with paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 [here](#)
 - COVID-19 diagnosis by routine blood tests via a machine learning model [here](#)
 - Concentration of non-esterified polyunsaturated fatty acids in severe COVID-19 [here](#)
- A modelling study on control measures to prevent outbreaks associated with air travel into a COVID-19 free country [here](#)
- An editorial on the importance of population-based longitudinal studies in COVID-19 [here](#)

Letters and correspondence discussed:

- High antibody response to two-dose mRNA vaccination in patients with rheumatic musculoskeletal disease [here](#)
- Absence of humoral response after two-dose mRNA vaccination in patients with rheumatic musculoskeletal disease [here](#)
- Symptoms after COVID-19 vaccination among patients with persistent symptoms following acute infection [here](#)
- Immediate high-dose intravenous immunoglobulins with direct thrombin-inhibitor treatment for patients with vaccine-induced immune thrombotic thrombocytopenia (VITT) [here](#)
- Safety and immunogenicity of mRNA vaccines in solid organ transplant recipients [here](#)
- Public trust and willingness to vaccinate against COVID-19 in the US [here](#)
- Siltuximab treatment to improve ventilatory status and survival in severe COVID-19 [here](#)

Pre-peer review articles featured:

- Effectiveness of COVID-19 vaccines against the B.1.617.2 (India) variant [here](#)

Guidance and reports

- The World Health Organization updates its tracker of COVID-19 candidate vaccines [here](#)
- The TGA approved more flexible storage conditions for Pfizer vaccine [here](#)
- The National COVID-19 Clinical Evidence Taskforce Steering Committee communique updates [here](#)
- The Organisation for Economic Co-operation and Development (OECD) published:
 - A brief on the long-term environmental implications of COVID-19 [here](#)
 - A report on the effect of COVID-19 on alcohol consumption, and policy responses to prevent harmful alcohol consumption [here](#)

News and blogs

- An international treaty for pandemic preparedness and response [here](#)
- Global health must go local [here](#)

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

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.