

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

COVID-19-funded research projects, reuse of N95 respirators, COVID-19 detection from breath and cough audio signals

Peer reviewed journals featured:

- A 6-month update of a living review on COVID-19 funded research projects [here](#)
- A systematic review comparing contact tracing with 'test and trace' approaches for COVID-19 suppression [here](#)
- A randomised controlled trial on decontamination methods and reuse of N95 respirators [here](#)
- Narrative reviews on
 - Interleukin-6 in severe COVID-19 [here](#)
 - The role of climate on the spread of SARS-CoV-2 [here](#)
- A pilot study demonstrating COVID-19 detection from breath and cough audio signals [here](#)
- A national survey on positive outcomes associated with the COVID-19 pandemic in Australia [here](#)
- Case reports on:
 - Refractory immune thrombocytopenia after Moderna vaccination [here](#)
 - Graves' disease following SARS-CoV-2 vaccination [here](#)
 - Cutaneous reaction to Pfizer vaccine [here](#)
- Observational studies on:
 - SARS-CoV-2 seropositivity and subsequent infection risk in young adults [here](#) and associated commentary [here](#)
 - Pathologic antibodies to platelet factor 4 after AstraZeneca vaccination [here](#)
 - COVID-19 vaccination in patients with multiple sclerosis [here](#)
 - Efficacy of Pfizer COVID-19 vaccine in chronic lymphocytic leukaemia patients [here](#)
 - Impact of nursing home SARS-CoV-2 vaccinations on new infections, hospitalisations, and deaths in the US [here](#)
 - Patients at high risk of suicide before and during a COVID-19 lockdown [here](#)
- Commentary on:
 - Non-invasive respiratory support strategies in COVID-19 [here](#)
 - Ten scientific reasons in support of airborne transmission of SARS-CoV-2 [here](#)
 - Evidence of impaired viral control in severe COVID-19 [here](#)
 - Impact of the COVID-19 pandemic on the career of junior doctors in Australia [here](#)

Letters and correspondence discussed:

- Type I interferons as the potential mechanism linking mRNA COVID-19 vaccines to Bell's palsy [here](#)
- Parents' intentions to test children with COVID-19 symptoms [here](#)
- Acquisition of COVID-19 by healthcare workers in Western Australia [here](#)
- Low neutralising antibody responses against SARS-CoV-2 in elderly myeloma patients after a single dose of Pfizer vaccine [here](#)
- Comment on negative anti-SARS-CoV-2 S response after Pfizer vaccination of a patient on ocrelizumab [here](#)
- Correspondence on institutional racism and lockdowns [here](#) and [here](#) and authors' response [here](#)
- Immunogenicity of Pfizer vaccine in solid organ transplant recipients [here](#)
- Manufacturer's letter to the editor regarding an article on thrombotic thrombocytopenia after Johnson & Johnson vaccination [here](#)
- The evolution of clinical trials in response to COVID-19 [here](#)

Pre-peer review articles featured:

- A systematic review on SARS-CoV-2 and the role of airborne transmission [here](#)
- Quantitative antibody response assessment using a single drop of fingerstick blood [here](#)

Guidance and reports

- The World Health Organization's COVID-19 weekly epidemiological update [here](#)
- Cochrane library updates on:
 - Infection control and prevention measures [here](#)
 - Evidence relevant to critical care [here](#)

News and blogs

- Risk of cerebral blood clots from COVID-19 is 10 times that from vaccination [here](#)
- Failed response in Brazil has led to humanitarian catastrophe [here](#)
- US reports low rate of new infections in people already vaccinated [here](#)
- Doctors warn that the NHS will take at least a year and a half to recover in the UK [here](#)
- Five key questions on COVID-19 vaccines and blood clots [here](#)
- RECOVERY trial 1 year on [here](#)
- The race to curb the spread of COVID-19 vaccine disinformation [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.