

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

Viral transmission, vaccine development, probiotics, leadership, triage

Peer reviewed journals featured:

- Two articles on airborne transmission: a commentary in the MJA [here](#) and a viewpoint in JAMA [here](#)
- Two articles on ENT – a systematic review on image quality, diagnostic concordance, and patient and provider satisfaction in telemedicine [here](#) and restructuring outpatient services [here](#)
- A scoping review on diabetes management [here](#)
- A feature article in the BMJ on long-lasting effects of COVID-19 infection [here](#)
- A case report on symmetric peripheral polyarthritis developed during SARS-CoV-2 infection [here](#)
- A modelling study on the potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria in low-and middle-income countries [here](#)
- Additive manufacturing for COVID-19 of devices, materials, prospects, and challenges [here](#)
- Aerosol and environmental surface monitoring for SARS-CoV-2 RNA in a designated hospital for severe COVID-19 patients [here](#)
- Editorials in the BMJ on violations of health workers' rights during pandemic [here](#) and on the opportunity to reduce unnecessary healthcare [here](#)
- An opinion piece on training programs which recognise different research engagement needs [here](#)
- A viewpoint on communicating science in the time of a pandemic [here](#)
- Ethics and challenge trials for coronavirus vaccines [here](#)
- CT features in COVID-19 patients with two consecutive negative RT-PCR tests after treatment [here](#)
- NEJM Catalyst published:
 - Commentary on the importance of leadership in a crisis [here](#)
 - A commentary on patient-centred care post-COVID-19 [here](#)
 - Insights from patients of Vanderbilt University Medical Centre [here](#)
- Regional critical care drug requirements in response to COVID-19 in Northern Ireland [here](#)
- An editorial on COVID-19 vaccine development [here](#) and a preliminary report on an mRNA vaccine against SARS-CoV-2 [here](#)
- A COVID-19 triage unit in Switzerland [here](#)

Letters and Correspondence discussed:

- Characteristics of randomised clinical trials launched during COVID-19 [here](#)
- Association between universal masking in a healthcare system and SARS-CoV-2 positivity among healthcare workers [here](#)
- Lancet published three letters on the potential role of probiotics as bacteriotherapy in SARS-CoV-2 [here](#), [here](#) and [here](#)
- Tackling cervical cancer in Europe amidst COVID-19 [here](#)

Pre-peer review articles

- A systematic review on COVID-19 among people living with HIV [here](#)
- A systematic review of individual participant data on the duration of temporal detection of SARS-CoV-2 using RT-PCR-based tests [here](#)
- A scoping review on the decontamination of N95 masks against coronavirus [here](#)
- A study quantifying respiratory airborne particle dispersion control through improvised reusable masks [here](#)
- Multimodal brain MRI in 25 COVID-19 patients with neurological symptoms revealed dysregulated cerebral perfusion [here](#)
- A systematic review on the efficacy of IL-6 inhibitor tocilizumab in reducing severe COVID-19 mortality [here](#)

News items

- State quarantine requirements for interstate travel by the Australian Department of Health [here](#)

Have your say on the future of the digest

Do you value the daily digest? Should we continue to produce it daily? Would you prefer a weekly summary and shorter daily alerts? Should we cluster topics into themes? Can you suggest any improvements?

Please complete a quick survey to give your feedback. It will take about three minutes to complete. Survey closes 21 July 2020. [Click here to complete the survey.](#)