

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

## Randomised trials, politicisation of science, superspreading

### Peer reviewed journals featured:

- A systematic review and meta-analysis on ethnicity and clinical outcomes in COVID-19 [here](#)
- Randomised trials of:
  - Inhaled nebulised interferon beta-1a (SNG001) [here](#) and commentary [here](#)
  - Favipiravir combined with inhaled interferon beta-1b in hospitalised patients with moderate to severe COVID-19 pneumonia [here](#)
  - Fluvoxamine in outpatients with symptomatic COVID-19 [here](#)
  - Short term, high-dose vitamin D for COVID-19 [here](#)
- A predictive model to estimate progression to severe COVID-19 in hospitalised patients [here](#)
- A multi-site mixed methods study on remote home monitoring during COVID-19 in England [here](#)
- A national survey of mental health in the first month of COVID-19 restrictions in Australia [here](#)
- A Delphi study on an early warning score for remote assessment of suspected COVID-19 [here](#)
- A longitudinal study on changes in mental health and the COVID-19 pandemic in the UK [here](#)
- A case report on intrauterine transmission of COVID-19 [here](#)
- A narrative review on COVID-19 conspiracy theories in a forensic psychiatric hospital [here](#)
- Observational studies on:
  - Associations between blood type and COVID-19 infection, intubation, and death [here](#)
  - Surveillance and identification of clusters of health care workers with COVID-19 [here](#)
  - The role of the social vulnerability index (SVI) in PPE shortages, number of cases, and associated mortality during COVID-19 in Michigan skilled nursing facilities [here](#)
- An editorial on COVID-19 and the politicisation and suppression of science [here](#)
- Commentary on:
  - The effect of the COVID-19 pandemic on international vaccination rates and future increases in measles and measles deaths [here](#)
  - COVID-19 pneumonia and the appropriate use of antibiotics [here](#)
  - Disparities in post-intensive care syndrome during COVID-19 [here](#)
  - The UK government response to COVID-19 and protecting the NHS [here](#)
  - Outbreaks of COVID-19 in health care workers at the Royal Melbourne Hospital [here](#)
  - Superspreaders, asymptomatics and COVID-19 elimination [here](#)
  - Superspreading events in the transmission dynamics of COVID-19 [here](#)
  - The role of children and schools in community transmission of COVID-19 [here](#)

- Applications of artificial intelligence (AI) relevant to COVID-19 [here](#)
- Clinical and pragmatic challenges for post-acute care for COVID-19 pneumonia [here](#)
- Challenges for governance and oversight of COVID-19 apps [here](#)
- Hospital-acquired COVID-19 and risks to healthcare workers [here](#)

### Letters and correspondence discussed:

- Associations between restrictions on public mobility and slowing of new COVID-19 case rates [here](#)
- Successful containment to date of COVID-19 transmission in the Northern Territory [here](#)
- Environmentally sustainable health care [here](#)
- Public health crises and the need for accessible information [here](#)
- ECG and care of patients with COVID-19 [here](#)
- Using Apple Siri as a communication conduit during COVID-19 [here](#)
- Responses to a paper on pathophysiology of COVID-19-associated acute respiratory distress syndrome [here](#), [here](#), [here](#) and [here](#) and authors' reply [here](#)

### Pre-peer review articles featured:

- A panel study of 21,000 UK adults on predictors for adherence to COVID-19 guidelines [here](#)
- An analysis of the natural history, trajectory, and management of mechanically ventilated COVID-19 patients in the UK [here](#)
- An observational study of cognitive deficits, after respiratory assistance, in a Milan COVID-rehabilitation unit [here](#)

### Guidance and reports

- The Cochrane Library updated its Special Collections with new clinical answers [here](#)
- The World Health Organization published guidance on technical PPE specifications [here](#)

### News and blogs

- The Australian Department of Health published an update following the National Cabinet meeting on 13 November 2020 [here](#)
- The impact of COVID-19 on lung cancer control in the UK [here](#)
- Opinion on public acceptance of a COVID-19 vaccine [here](#)
- Book review 'How to Stay Sane in an Age of Division' [here](#)

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