

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

### Face masks in the community, COVID-19 recurrence, point-of-care testing

#### Peer reviewed journals featured:

- Systematic reviews on:
  - Face mask use in the community for reducing the spread of COVID-19 [here](#)
  - Risk of SARS-CoV-2 recurrence [here](#)
  - Point-of-care testing for the detection of SARS-CoV-2 [here](#)
- A phase 1, randomised controlled trial of the protein subunit vaccine candidate, S-Trimer (SCB-2019), in healthy adults [here](#) and associated commentary [here](#)
- A national cross-sectional survey, conducted in March 2020, on Australian public perceptions and behaviours towards a future COVID-19 vaccine [here](#)
- A NSW case study on COVID-19 control using quarantine in special health accommodation [here](#)
- Reviews on:
  - Coronaviruses in aqueous environments [here](#)
  - The neutralisation of UK variant B.1.1.7 pseudovirus by Pfizer vaccine-elicited human sera [here](#)
  - Allergic reactions, including anaphylaxis, after first dose of Moderna COVID-19 vaccine in the US [here](#)
  - The role of social media in the time of COVID-19 [here](#)
- A modelling study on relaxing COVID-19 controls during low viral transmission in Victoria [here](#)
- Editorials on:
  - The impact of COVID-19 on elective surgery in the UK [here](#)
  - Humanising COVID-19 intensive care units [here](#)
  - The role of mathematical models in developing policies for controlling transmission [here](#)
- Commentary on:
  - SARS-CoV-2 vaccines and viral variants [here](#)
  - Concern about SARS-CoV-2 evolution and vaccines [here](#)
  - Lessons in antiviral immunity [here](#)
  - A 'No-COVID' strategy proposed in Europe [here](#)
  - The role of SARS-CoV-2 testing in public health [here](#)
  - Managing uncertainty and post-acute COVID-19 [here](#)
  - Factors that predicted successful national COVID-19 responses [here](#)
  - International collaboration and COVID-19 [here](#)
  - Using imperfect tests for COVID-19 to make clinical decisions [here](#)

## Letters and correspondence discussed:

- A response to an article on instrumental dead space in ventilator management [here](#) and authors' reply [here](#)
- Interpretation of COVID-19 case fatality risk measures in England [here](#)
- Maintaining routine vaccination during COVID-19 in Australia [here](#)
- Need for a clear national COVID-19 strategy in Australia [here](#)

## Pre-peer review articles featured:

- A living systematic review of COVID-19 outbreaks, infections, and mortality in care homes for older people [here](#)
- A systematic review and meta-analysis on long-term effects of COVID-19 [here](#)
- An evaluation of vaccination strategies with a delayed second dose of the Moderna vaccine [here](#)
- The effectiveness of the first dose of Pfizer vaccine in reducing SARS-CoV-2 infection 13-24 days after immunisation [here](#)
- The effect of the UK variant (B.1.1.7) on symptomatology, re-infection and transmissibility [here](#)

## Guidance and reports

- The World Health Organization published COVID-19 laboratory biosafety interim guidance [here](#)
- The National COVID-19 Clinical Evidence Taskforce updated recommendations and clinical flowcharts [here](#)

## News and blogs

- Johnson & Johnson produces a single-dose COVID-19 vaccine used in a clinical trial [here](#)
- Implications of 'urgent and emergency care-only' services in the UK [here](#)
- The moral injury to healthcare workers during COVID-19 [here](#)
- COVID-19 rarely spreads through surfaces – so why are we still deep cleaning? [here](#)
- How to redesign COVID-19 vaccines so they protect against variants [here](#)

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