

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

### COVID-19 in family clusters, interventions to increase personal protective behaviours, Pfizer booster in AstraZeneca-primed participants

#### Peer reviewed journals featured:

- A systematic review on clinical characteristics of COVID-19 in family clusters [here](#)
- Rapid evidence reviews on:
  - Interventions to increase personal protective behaviours to limit the spread of respiratory viruses [here](#)
  - Protease inhibitor lopinavir, boosted with ritonavir, as a treatment for COVID-19 [here](#)
  - COVID-19 vaccines in people who have had confirmed COVID-19 infection [here](#)
- Randomised controlled trials of:
  - Antiviral mouthwash as a barrier measure in SARS-CoV-2 transmission [here](#)
  - Pfizer vaccine booster in AstraZeneca-primed participants [here](#)
- Observational studies on:
  - Blood clots and bleeding events following Pfizer and AstraZeneca vaccines [here](#)
  - COVID-19 mRNA vaccine effectiveness in asymptomatic healthcare workers [here](#)
  - Aspirating systems and COVID-19 transmission among dental healthcare workers [here](#)
  - Pulmonary embolism in COVID-19 patients [here](#)
  - US trends in COVID-19–associated hospitalisation and mortality rates [here](#) and associated commentary [here](#)
- A modelling study on ventilation rates in rooms with varying occupancy levels [here](#)
- An editorial on vaccinating undocumented migrants against COVID-19 [here](#)
- Commentary on dentists being the first to diagnose COVID-19 due to oral manifestations [here](#)

#### Letters and correspondence discussed:

- What constitutes success in the roll-out of COVID-19 vaccines? [here](#)
- The utility of mass SARS-CoV-2 testing of asymptomatic patients before procedures [here](#)
- The diversity of COVID-19 epidemiology and response in South Asia [here](#)
- Comparison of COVID-19 vaccine approvals at the US Food and Drug Administration, European Medicines Agency, and Health Canada [here](#)
- Immunogenicity of a single dose of Pfizer vaccine in chronic inflammatory arthritis patients [here](#)

## Pre-peer review articles featured:

- The effectiveness of face masks in blocking SARS-CoV-2 transmission [here](#)
- COVID-19 infection and subsequent psychiatric morbidity, sleep problems, and fatigue [here](#)
- COVID-19 dynamics in India and impact of the SARS-CoV-2 Delta (B.1.617.2) variant [here](#)
- Risk factors for post-acute COVID-19 syndrome [here](#)

## Guidance and reports

- The World Health Organization published:
  - An update on the global COVID-19 vaccination strategy [here](#)
  - The WHO SAGE roadmap for prioritising uses of COVID-19 vaccines [here](#)
  - The landscape of observational study designs on the effectiveness of COVID-19 vaccination [here](#)
  - Guidance on considerations for quarantine of contacts of COVID-19 cases [here](#)
  - Recommendations for national SARS-CoV-2 testing strategies and diagnostic capacities [here](#)
- The TGA granted provisional approval to the Johnson & Johnson COVID-19 vaccine [here](#)
- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [here](#)

## News and blogs

- Hunger spreads and food prices soar amid pandemic [here](#)
- US doctors suggest new ways to target vaccine hesitancy [here](#)
- “Winter in June” as EDs in the northern hemisphere see surges in young children with fever [here](#)
- Preventing airborne transmission [here](#)
- COVID-19 vaccine trials in low and middle-income countries [here](#)
- COVID-19 vaccine equity as a global good [here](#)
- Study of UK dental professionals reveal occupational risk of SARS-CoV-2 infection [here](#)

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### 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, and [post-acute sequelae of COVID-19 \(PASC\)](#).