

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

### **Efficacy of COVID-19 vaccines, SARS-CoV-2 detection dogs, ‘five Cs’ to tackle vaccine hesitancy**

#### **Peer reviewed journals featured:**

- Systematic reviews on:
  - The efficacy and safety of COVID-19 vaccines [here](#)
  - Characteristics, quality and volume of the first five months on the COVID-19 evidence synthesis infodemic [here](#)
  - Association of IL-6 with severe COVID-19 and mortality [here](#)
- A randomised clinical trial on the effect of bamlanivimab on COVID-19 incidence in assisted living facilities [here](#) and associated commentary [here](#)
- Narrative reviews on:
  - Virtual and in-person cardiac rehabilitation in the context of COVID-19 [here](#)
  - Using a machine learning approach to track COVID-19 vaccine hesitancy [here](#)
  - COVID-19 case investigations and contact tracing in the US, 2020 [here](#)
- Observational studies on:
  - Detection dog-based tests for SARS-CoV-2 [here](#)
  - Nasal delivery of an IgM for protection from SARS-CoV-2 variants [here](#)
  - Transient cardiac injury in adolescents receiving the Pfizer vaccine [here](#)
  - Prognostic accuracy of emergency department triage tools for adults with suspected COVID-19 [here](#)
  - Aerosol transmission of airborne pathogens in ICU rooms of COVID-19 patients with acute respiratory failure [here](#)
  - Chronic liver disease and COVID-19 [here](#)
  - The effect of SARS-CoV-2 proteins and anti-COVID-19 drugs on the reactivation of an oncogenic virus [here](#)
- A editorial on the power shift during COVID-19 [here](#)
- Commentaries on:
  - Five Cs to tackle vaccine hesitancy [here](#)
  - Israel’s management of the COVID-19 vaccination program [here](#)
  - How the pandemic has been used to promote nicotine [here](#)

## Letters and correspondence discussed:

- Effect of Opt-In vs Opt-Out framing on enrollment in a COVID-19 surveillance testing program [here](#)
- Neutralising antibody activity against variants B.1.617.2 (Delta) and B.1.351 (Beta) by Pfizer vaccination [here](#)
- Liver injury, hypoalbuminaemia and severe SARS-CoV-2 infection [here](#)
- Sera proteomic features of active and recovered COVID-19 patients [here](#)

## Pre-peer review articles featured:

- Genomic characterisation and epidemiology of an emerging SARS-CoV-2 variant (Delta) [here](#)

## Guidance and reports

- The World Health Organization published a guide on how to manage COVID-19 vaccine storage without a vaccine vial monitor (VVM) [here](#)
- BMJ Best Practice updates [here](#)
- The National COVID-19 Clinical Evidence Taskforce updated recommendations and clinical flowcharts [here](#)
- The Australian COVID-19 National Incident Room Surveillance Team published the latest edition of its epidemiology report [here](#)
- The Therapeutic Goods Administration (TGA) released its weekly vaccine safety report [here](#)

## News and blogs

- Antimicrobial use was high during first wave despite bacterial co-infections being rare [here](#)
- A global pandemic surveillance and response scheme [here](#)
- A 'new deal' for surgery in the NHS [here](#)
- India's challenges with COVID-19 vaccination [here](#)
- COVID-19 as a prelude to a climate catastrophe [here](#)
- GP care for COVID-19 patients who choose to stay at home [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.