## COVID-19 Critical Intelligence Unit

### **Daily evidence digest**

22 March 2021

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

# Durability of neutralising antibodies, malnutrition risk with CPAP, has COVID-19 peaked?

#### Peer reviewed journals featured:

- · Systematic reviews on:
  - o The impact of COVID-19 on the utilisation of healthcare services internationally here
  - o Epidemiology and outcomes of COVID-19 in HIV-infected individuals here
- Observational studies on:
  - Seroprevalence and durability of neutralising antibodies against SARS-CoV-2 <u>here</u> and associated commentary <u>here</u>
  - o Acceptability of no-test early medical abortion via telemedicine during COVID-19 here
  - Clinical utility of early repeat RT-PCR testing for SARS-CoV-2 here
  - An association between COVID-19 cases and regional air pollution <u>here</u>
  - Proteomic blood profiling in mild, severe, and critical COVID-19 patients here
  - o Epidemiological modelling of asymptomatic SARS-CoV-2 transmission here
  - o Simulation modelling on controlled testing and isolation to suppress COVID-19 here
- Editorials on:
  - The neurological effects of post-acute COVID-19 syndrome <u>here</u>
  - Artificial Intelligence, COVID-19 and future outbreaks <u>here</u>
- A commentary on moral injury and its effect and treatment here

#### Letters and correspondence discussed:

Malnutrition risk in COVID-19 patients receiving CPAP <u>here</u>

#### Pre-peer review articles featured:

- Humoral and T cell responses to a single dose of BNT162b2 (Pfizer) vaccine here
- Myocarditis in naturally infected pets with the British variant of COVID-19 here



#### **Guidance and reports**

- The World Health Organization published a study protocol to measure COVID-19 vaccine effectiveness among health workers <u>here</u>
- The National COVID-19 Clinical Evidence Taskforce updated its recommendations and clinical flowcharts <u>here</u>
- The American College of Rheumatology published guidance on COVID-19 vaccination for patients with rheumatic musculoskeletal disease here

#### News and blogs

- Has COVID-19 peaked? Maybe, but it's too soon to be sure here
- Five reasons why COVID-19 herd immunity is probably impossible <u>here</u>
- 'Do not resuscitate' decisions ignored equality and human rights law in England here
- The uphill battle restoring confidence after the Oxford/AstraZeneca vaccine pause here
- Are people letting down their guard too soon after the COVID-19 vaccination? <a href="here">here</a>
- In Australia, COVID-19 vaccination appointments available at GP-led respiratory clinics from 19
  March 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.

