COVID-19 Critical Intelligence Unit

Daily evidence digest

31 May 2021

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

Tracheostomy and COVID-19, Pfizer vaccine in adolescents, ATAGI update

Peer reviewed journals featured:

- Systematic reviews on:
 - Association of tracheostomy with outcomes in COVID-19 patients and SARS-CoV-2 transmission among health care professionals here
 - o Characteristics and predictors of acute and chronic post-COVID-19 syndrome here
- Randomised controlled trials on:
 - o The safety, immunogenicity, and efficacy of Pfizer vaccine in adolescents here
 - Same-day SARS-CoV-2 antigen test screening in a mass-gathering indoor event <u>here</u>
 and associated commentary <u>here</u>
 - Colchicine for community-treated COVID-19 patients (COLCORONA) here
- A narrative review on a multiplex RT-PCR assay for influenza A and B virus, and SARS-CoV-2 here
- Observational studies on:
 - The prevalence of myocarditis in athletes with SARS-CoV-2 infection <u>here</u> and associated commentary <u>here</u>
 - SARS-CoV-2 IgG antibody reactivity in patients with systemic lupus erythematosus <u>here</u> and associated commentary <u>here</u>
 - o COVID-19 cross-infection rate after surgical procedures here
- A case report on prolonged SARS-CoV-2 RNA shedding from a therapy cat in a nursing home here
- Commentary on disclosure standards and conflicts of interest in vaccine advisory committees here

Correspondence and letters discussed:

Serum neutralising activity against SARS-CoV-2 variants elicited by CoronaVac here

Pre-peer review articles featured:

PROMIS scales for post-acute COVID-19 syndrome <u>here</u>



Guidance and reports

- The World Health Organization published a protocol for monitoring and reporting COVID-19 in prisons and other places of detention here
- The Australian Technical Advisory Group Immunisation (ATAGI) released its weekly update here

News and blogs

- Thousands died needlessly from UK pandemic response here
- Divisive COVID-19 'lab leak' debate prompts dire warnings from researchers 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.

