Daily evidence digest

1 March 2021

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

 Psychological illness after COVID-19, the RECOVERY platform’s dexamethasone trial, effectiveness of Pfizer vaccine

Peer reviewed journals featured:

- A meta-analysis on the incidence of psychological illness after COVID-19 outbreaks [here]
- The RECOVERY platform’s controlled, open-label trial on dexamethasone [here] and associated editorials [here] and [here]
- An overview and taxonomy on health apps for combating COVID-19 [here]
- A prospective study on the prevalence of asymptomatic SARS-CoV-2 infection in elective surgical patients in Australia [here]
- Observational study on the effectiveness of the BNT162b2 (Pfizer) vaccine in Israel [here]
- Case reports of lymphadenopathy following COVID-19 vaccination in oncologic patients [here] and in an asymptomatic female [here]
- Editorials on:
  - The case for an international pandemic treaty [here]
  - Sharing vaccines globally [here]
- Commentary on:
  - Enhancing the WHO proposed framework for distributing COVID-19 vaccines [here]
  - Prioritising surgical cases deferred by the COVID-19 pandemic [here]
  - Public health decisions during COVID-19, and the need for science and ethics [here]
  - Concerns that COVID-19 drug practices risk antimicrobial resistance evolution [here]
  - Bell's palsy and SARS-CoV-2 vaccines [here]
  - The Lancet Commission for Vaccine Refusal, Acceptance, and Demand in the USA [here]
  - The last-mile logistics of COVID-19 vaccination in the US [here]
  - Targeting the viral life cycle [here]

Letters and correspondence discussed:

- The delivery of COVID-19 health messages by Aboriginal leaders [here]
- COVID-19 information in news media [here]
- The risk of fomite-mediated SARS-CoV-2 transmission in daycare, schools, nursing homes, and offices [here]
Pre-peer review articles featured:

- A potential new variant of concern, B.1.526, identified in New York here

Guidance and reports

- The World Health Organization published guidance on preparedness, prevention and control of COVID-19 in prisons and other places of detention here
- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts here
- The Cochrane Library updated its systematic review on signs and symptoms to determine if a patient presenting in primary care or hospital outpatient settings has COVID-19 here
- The Canadian Society of Breast Imaging and Canadian Association of Radiologists recommendations for the management of axillary adenopathy in patients with recent COVID-19 vaccination here

News and blogs

- Is England’s exit plan from lockdown a road to nowhere? here
- The inequity of isolation here
- A discussion about the real-world effectiveness of COVID-19 vaccination here

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Emerging evidence on vaccines and variants of concern is incorporated daily into Living Evidence Tables available here