COVID-19 Critical Intelligence Unit

Daily evidence digest

15 March 2021

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

Quality of COVID-19 clinical guidelines, phase 1 trial of Johnson & Johnson vaccine, COVID-19 and seasonal influenza comparisons

Peer reviewed journals featured:

- A systematic review on the methodological quality of clinical practice guidelines for COVID-19 here
- An update to a living systematic review on COVID-19 in pregnancy here
- A phase 1 trial of Ad26.COV2.S (Johnson & Johnson) vaccine for COVID-19 here
- A telephone survey of patient perceptions of SARS-CoV-2 exposure risk and ophthalmic care <u>here</u> and associated commentary <u>here</u>
- Observational studies on:
 - o The use and fit of face masks in public during COVID-19 in China here
 - The communication of COVID-19 health information to diverse communities in Australia here and associated editorial here
 - Bronchiolitis and SARS-CoV-2 here
 - Sensitivity of B.1.1.7 (UK / Kent) variant to mRNA vaccine-elicited antibodies here
 - \circ COVID-19 compared with seasonal influenza in adults \underline{here} and in children \underline{here}
- Commentary on:
 - o The lessons from the influx of preprints during the early COVID-19 pandemic here
 - o Knowledge from previous epidemics in the fight against COVID-19 here
 - o A European Medicines Agency COVID-19 data leak re Pfizer vaccine here

Letters and correspondence discussed:

- School reopening in England and the need for robust COVID-19 mitigation here
- Correspondence on an article about the incidence of a first psychiatric diagnosis in COVID-19 follow-up <u>here</u> and authors' response <u>here</u>
- Intersecting paths of emerging and reemerging infectious diseases <u>here</u>
- Access to cancer surgery in Ontario, Canada during COVID-19 <u>here</u>

Pre-peer review articles featured:

• A systematic review and meta-analysis on the long-term effects of COVID-19 here



Guidance and reports

- The World Health Organization published:
 - $\circ~$ A report on methods for the detection and identification of SARS-CoV-2 variants <u>here</u>
 - A COVID-19 strategic preparedness and response plan <u>here</u> and operational planning guideline <u>here</u>
- The Australian National COVID-19 Clinical Evidence Taskforce updated its recommendations and clinical flowcharts <u>here</u>

News and blogs

- European countries suspend use of Oxford-AstraZeneca vaccine after reports of blood clots here
- UK doctors are told to check COVID-19 status when planning emergency bowel surgery here
- The effect of COVID-19 on suicide rates here
- The parallels and lessons from the Spanish flu and COVID-19 pandemic here

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on <u>COVID-19 transmission</u>, SARS-CoV-2 <u>vaccines</u>, and <u>variants</u> of concern.



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