COVID-19 Critical Intelligence Unit

Daily evidence digest

13 April 2021

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

Budesonide as a treatment for early COVID-19, cutaneous reactions to vaccines, medico-legal aspects of telehealth encounters

Peer reviewed journals featured:

- Updated systematic reviews on:
 - o The incubation period of COVID-19 here
 - o Antibody responses following SARS-CoV-2 infection here
- A phase 2 randomised controlled trial on inhaled budesonide in the treatment of early COVID-19 here and associated commentary here
- Case reports of:
 - Cutaneous reactions after Moderna and Pfizer COVID-19 vaccination <u>here</u> and <u>here</u>
 - Prolonged anaphylaxis to Pfizer vaccine here
 - Poor humoral and T-cell responses after two injections of mRNA vaccine in kidney transplant recipients treated with belatacept <u>here</u>
- Ethics analysis on:
 - The World Health Organization allocation framework for COVAX here
 - o Medico-legal implications of audio-visual recordings of telehealth encounters here
- Observational studies on
 - Humoral response after BNT162b2 (Pfizer) vaccination here
 - Mortality among US hospitalised patients with SARS-CoV-2 infection in 2020 here
 - The experience of Australian patients at high risk of poor health outcomes with telehealth <u>here</u>
- An editorial on vaccine nationalism and contractual discord regarding COVID-19 here
- Commentary on:
 - COVID-19 and global health <u>here</u>
 - China's COVID-19 vaccines here
 - o Correlates of protection from SARS-CoV-2 infection here
 - The politicisation of ivermectin <u>here</u>
 - o The role of MAIT cells in the association between COVID-19 severity and obesity here

Letters and correspondence discussed:

- Clofazimine as a potential treatment of COVID-19 <u>here</u>
- Variant B.1.1.7 (UK / Kent) among SARS-CoV-2 isolates in Toronto here



Pre-peer review articles featured:

- A systematic review on long-term post-acute sequelae of SARS-CoV-2 infection here
- SARS-CoV-2 infection rates of antibody-positive compared with antibody-negative healthcare workers in England here

Guidance and reports

- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts <u>here</u>
- The World Health Organizations published its COVID-19 weekly epidemiological update here
- The Therapeutic Goods Administration released a safety advisory update on AstraZeneca COVID-19 vaccine regarding thrombosis with thrombocytopaenia here

News and blogs

- COVID-19 could become entrenched as a disease of poverty here
- Has Europe failed to protect its people from COVID-19? here
- Mapping outcomes of COVID-19 testing <u>here</u>
- Maintaining trust in the COVID-19 vaccine program in the UK here
- The lack of vaccine trial data creates another layer of inequality here
- A strategy to optimise global vaccination coverage <u>here</u>
- Scientists investigate how a COVID-19 vaccine could cause blood clots here
- Positive lateral flow results will again require confirmatory PCR testing in the UK here
- Issues with vaccine passports <u>here</u> and <u>here</u>

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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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