COVID-19 Critical Intelligence Unit

Daily evidence digest

18 May 2021

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

JAK-inhibitors, lessons from the UK on vaccination, mixing vaccines for prime and boost doses

Peer reviewed journals featured:

- A meta-analysis on JAK-inhibitors (Janus kinase inhibitors) as a treatment for COVID-19 here
- A narrative review on the ethics of digital contact tracing wearables here
- Observational studies on:
 - Hospitalised pregnant women with SARS-CoV-2 infection in the UK here
- A survey on public attitudes toward COVID-19 vaccination in the US here
- An MJA editorial on lessons from the UK's COVID-19 vaccination strategy <u>here</u>

Letters and correspondence discussed:

- Inhaled budesonide for early treatment of COVID-19 here
- Initial reactogenicity data on the use of different COVID-19 vaccines for prime and boost doses <u>here</u>

Pre-peer review articles featured:

- The durability of Moderna-induced antibodies against SARS-CoV-2 variants here
- Determinants of COVID-19 vaccine hesitancy and vaccine uptake in the US here
- Spike-antibody responses following first and second doses of AstraZeneca and Pfizer vaccines <u>here</u>

Guidance and reports

The World Health Organization published its weekly COVID-19 epidemiological report here

News and blogs

A podcast on the variant blamed for India's catastrophic second wave <u>here</u>

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