COVID-19 Critical Intelligence Unit

Daily evidence digest

11 May 2021

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

Vaccination strategies and herd immunity, drug treatments for COVID-19, SARS-CoV-2 transmission Q&A

Peer reviewed journals featured:

- A narrative review on the future of the UK's NHS post-COVID-19 here
- A modelling study of COVID-19 vaccination strategies and herd immunity in NSW here
- Observational studies on:
 - Non-steroidal anti-inflammatory drugs and COVID-19 outcomes <u>here</u> and associated commentary <u>here</u>
 - SARS-CoV-2 infection in acute pancreatitis <u>here</u>
 - Immunogenicity of Pfizer vaccine in heart transplanted patients <u>here</u>
- A case report of coincidental SARS-CoV-2 infection and mRNA vaccination here
- An editorial on the management of severe COVID-19 <u>here</u>
- Commentary on drug treatments for COVID-19 <u>here</u>

Correspondence and letters discussed:

Persistence of viral RNA in older people here

Pre-peer review articles featured:

- Surveillance for SARS-CoV-2 variants of concern in the Australian context here
- The first known AstraZeneca vaccine-induced thrombotic thrombocytopenia in Australia here
- Risk of vaccine-induced immune thrombotic thrombocytopenia following AstraZeneca vaccine <u>here</u>
- Preliminary analysis of a Moderna SARS-CoV-2 variant vaccine booster <u>here</u>

Guidance and reports

- The World Health Organization published:
 - The weekly COVID-19 epidemiological report here
 - An article on disease control objectives in the context of COVID-19 vaccines here
 - An updated Q&A on COVID-19 transmission <u>here</u>
- The US Centers for Disease Control and Prevention released a scientific brief update on SARS-CoV-2 transmission <u>here</u>



News and blogs

- Early-stage cancer diagnoses in England fell by a third in first lockdown here
- Oxygen supplies run low, hospital fees run high in India <u>here</u>
- COVID-19 vaccines for children should not get emergency use authorisation here
- India's COVID-19 catastrophe is a failure of national and global public health and policy response to the pandemic <u>here</u>
- A podcast on waiving vaccine patents and coronavirus genome data disputes here
- International COVID-19 trial to restart with focus on immune responses 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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