COVID-19 Critical Intelligence Unit

Daily evidence digest

6 July 2021

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

COVID-19 vaccine prioritisation, presymptomatic SARS-CoV-2 transmission, WHO guidance on international travel

Peer reviewed journals featured:

- A systematic review on COVID-19 vaccine prioritisation <u>here</u>
- A meta-analysis on presymptomatic SARS-CoV-2 transmission <u>here</u>
- Observational studies on:
 - Clinical value of early repeat RT-PCR testing for SARS-CoV-2 here
 - SARS-CoV-2 immune evasion by Epsilon (B.1.427/B.1.429) variant <u>here</u>
 - o Implementation of a low-cost telehealth service in antenatal care during COVID-19 here
 - Short-term outcomes for pregnant women vaccinated with Pfizer vaccine here
 - o Immunogenicity of Pfizer vaccine in patients with haematological malignancy here
- Surveys on:
 - Patient satisfaction with, and acceptability of, telehealth in rheumatology outpatient clinics during COVID-19 in Australia <u>here</u>
 - o Global trends and correlates of COVID-19 vaccination hesitancy here
- Commentary on:
 - o Medico-legal issues in mandatory COVID-19 vaccination for high-risk workers here
 - o Airborne transmission of SARS-CoV-2 here
 - Protecting Olympic participants from COVID-19 <u>here</u>
- A case report of vaccine-induced thrombotic thrombocytopenia in Australia here

Letters and correspondence discussed:

- Risk of COVID-19 transmission in an emergency department with multiple open beds here
- A three-month analysis of total humoral response to Pfizer vaccination in healthcare workers here
- COVID-19 in immune-mediated inflammatory diseases in New York here



Pre-peer review articles featured:

- Transmissibility of COVID-19 among vaccinated individuals <u>here</u>
- Vaccine breakthrough infections in healthcare workers <u>here</u> and <u>here</u>
- Persistent symptoms following SARS-CoV-2 infection in England <u>here</u>
- Effectiveness of COVID-19 vaccines against variants of concern in Canada here
- Neutralisation of Delta variant with sera of Covishield vaccinees here
- New Zealand's elimination strategy in response to COVID-19 compared with OECD countries here
- Pfizer vaccine effectiveness given confirmed exposure here
- The emergence of SARS-CoV-2 variant Lambda (C.37) in South America here
- SARS-CoV-2 Lambda (C.37) variant susceptibility to neutralisation by mRNA vaccine-elicited antibodies and convalescent serum <u>here</u>
- The health impacts of a 4-month long community-wide COVID-19 lockdown in Victoria here

Guidance and reports

- The World Health Organization released guidance on a risk-based approach to international travel
 <u>here</u> and <u>here</u>
- The International Society of Infectious Diseases in Obstetrics and Gynaecology (ISIDOG) published guidelines on COVID-19 vaccination for pregnant women <u>here</u>

News and blogs

- Millions could be offered booster vaccinations from September in England here
- Post-acute COVID-19 syndrome cases are underreported in GP records in England here
- The response to COVID-19 and gender 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, and <u>post-acute sequelae of COVID-19 (PASC)</u>.



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