COVID-19 Critical Intelligence Unit

Daily evidence digest

24 June 2021

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

Allergic reaction to SARS-CoV-2 vaccines, hospitalisation and the Alpha (B.1.1.7) variant, international comparison of containment strategies

Peer reviewed journals featured:

- · Systematic reviews on:
 - The risk of allergic reaction to SARS-CoV-2 vaccines and recommended evaluation and management <u>here</u>
 - o SARS-CoV-2 among migrants and forcibly displaced populations here
- A narrative review on facemasks and anti-Asian violence during COVID-19 here
- Observational studies on:
 - Hospitalisation outcomes associated with the Alpha variant (B.1.1.7) in Denmark here and in England here and associated commentary here
 - o An international comparison of containment strategies against COVID-19 here
 - o The impact of COVID-19 on demand for emergency ambulances in Victoria here
 - o Mobility-based real-time economic monitoring during COVID-19 here
 - Quality of acute myocardial infarction care in England and Wales during COVID-19 here
 - o The association between COVID-19 risk in the US and birthdays here
 - Estimating household transmission <u>here</u>
- A BMJ practice pointer and visual summary on interpreting lateral flow SARS-CoV-2 antigen tests
 <u>here</u>
- Commentary on COVID-19 vaccine pricing and lessons learnt from influenza here

Letters and correspondence discussed:

- Systemic rheumatic disease flares after SARS-CoV-2 vaccination here
- SARS-CoV-2 positivity and mask utilisation among healthcare workers here

Guidance and reports

- The World Health Organization published:
 - Its weekly epidemiological update on COVID-19 <u>here</u>
 - A draft concept note on the WHO BioHub System for preparedness and response to epidemics and pandemics <u>here</u>
 - o An update of its COVID-19 vaccine tracker here



News and blogs

- 'Super-antibodies' could curb COVID-19 and help avert future pandemics here
- Scientists brace for impact of the Delta variant here

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on COVID-19 transmission, SARS-CoV-2 vaccines, and variants of concern, and post-acute sequelae of covID-19 (PASC).

