COVID-19 Critical Intelligence Unit

Daily evidence digest

15 September 2021

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

Extended use of N95 masks, COVID-19 quarantine system failures, policy considerations for mandatory COVID-19 vaccination

Peer reviewed journals featured:

- Observational studies on:
 - Impact on the fitness of N95 masks with extended use/limited reuse and dry heat decontamination here
 - COVID-19 quarantine system failures in Australia and New Zealand <u>here</u>
 - Specialist palliative care services caring for ethnic minority groups with COVID-19 <u>here</u>
 - o Real-time geospatial analysis to identify gaps in COVID-19 vaccination here
 - Contact tracing for controlling COVID-19 transmission <u>here</u>
- Commentary on:
 - Policy considerations for mandatory COVID-19 vaccination in Australia <u>here</u>
 - Vaccinating people who have had COVID-19 in the US <u>here</u>

Letters and correspondence discussed:

- Transient thrombocytopenia after Johnson & Johnson vaccine <u>here</u>
- Space-based technologies to help manage and prevent pandemics here
- A government-led effort to identify correlates of protection for COVID-19 vaccines <u>here</u>

Pre-peer review articles featured:

- Molecular point-of-care testing for SARS-CoV-2 using the ID NOW(TM) system here
- Indirect effects of peaks in COVID-19 admissions on access to surgery in NHS hospitals here
- Vaccinations, non-pharmaceutical interventions, and the safe reopening of schools in England here

News and blogs

- Children aged 12-15 years should be offered the COVID-19 vaccine in the UK here
- The US imposes mandatory vaccination on two-thirds of the workforce here
- COVID-19 and the new merchants of doubt here

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