COVID-19 Critical Intelligence Unit

Daily evidence digest

25 February 2021

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

Arterial and venous thromboembolism, a multiple site outbreak in Sydney, spread and dominance of B.1.1.7 (UK / Kent) variant across Europe

Peer reviewed journals featured:

- A systematic review on arterial and venous thromboembolism in COVID-19 here
- An integrative review on factors affecting healthcare workers' willingness to respond to duty here
- Observational studies on:
 - A multiple site community outbreak in Sydney <u>here</u>
 - Wearable biosensors and machine learning-based remote monitoring of COVID-19 patients here
 - o The effect of altitude on COVID-19 in Brazil here
- Commentary on:SARS-CoV-2 infection and COVID-19 in asthmatics <u>here</u>
- An editorial on the harm caused to children from school closures in the UK here

Pre-peer review articles featured:

- Associations between beliefs and intention to vaccinate among non-physician healthcare workers in Ontario here
- A modelling study to estimate the spread and dominance of SARS-CoV-2 B.1.1.7 (UK / Kent) variant across Europe here

Guidance and reports

- The World Health Organization published a COVID-19 vaccine introduction and deployment excelbased costing tool here
- The Australian COVID-19 National Incident Room Surveillance Team published its latest epidemiology report <u>here</u>



News and blogs

- Superspreading drives the pandemic but could help control it here
- Why COVID-19 vaccines are so difficult to compare here
- Behind the scenes of the Pfizer BioNTech COVID-19 vaccine trial here
- The UK government's COVID-19 roadmap here
- COVID-19 and global accountability <u>here</u>
- The PPE procurement scandal in the UK here
- Drug-resistant yeast infections spread in US COVID-19 unit here

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Emerging evidence on vaccines and variants of concern is incorporated daily into Living Evidence Tables <u>available here</u>



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