COVID-19 Critical Intelligence Unit

Daily evidence digest

30 November 2020

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

Recurrent positivity, impact on cornea donation, vaccine cost effectiveness

Peer reviewed journals featured:

- A systematic review and meta-analysis on recurrent SARS-CoV-2 RNA positivity here
- A scoping review and narrative synthesis on aerosol boxes and barrier enclosures for airway management in COVID-19 patients <u>here</u>
- Modelling studies on:
 - Developing and validating a COVID-19 mortality prediction score here
 - o The efficient use of resource under constraints of insufficient diagnostic kits here
 - o A social distancing index to assess mobility changes in the US during COVID-19 here
- An 'infodemiology' study on COVID-19 predictability using Google Trends time series <u>here</u>
- An observational cohort study of 22,445 patients attending UK emergency departments with suspected COVID-19 <u>here</u>
- Surveys on:
 - The impact of COVID-19 on cornea donation here
 - o Clinically significant symptoms of depression and anxiety in Australia here
- Editorials on:
 - o Competing interpretations of the Danish face mask study here
- Commentary on:
 - Cost effectiveness of COVID-19 vaccines here
 - The case for a dedicated financing mechanism to scale up innovation in women's, children's, and adolescents' health post-COVID-19 here

Letters and correspondence discussed:

Healthcare worker perceptions and attitudes on N95 respirator reuse <u>here</u>



Guidance and reports

- The World Health Organization released guidance on hospital readiness for COVID-19 <u>here</u> and an associated readiness checklist <u>here</u>
- The Australian COVID-19 National Incident Room Surveillance Team released its epidemiology report for the fortnight ending 8 November here
- The Australian National COVID-19 Clinical Evidence Taskforce updated recommendations and clinical flowcharts here

News and blogs

- Audio Interview: New Studies of Covid-19 Transmission here
- Pfizer and Moderna's "95% effective" vaccines—let's be cautious and first see the full data here
- COVID-19 could prompt an end to our continued betrayal of childhood here

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