COVID-19 Critical Intelligence Unit

Daily evidence digest

27 November 2020

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

Convalescent plasma, database on government responses to COVID-19, science communication

Peer reviewed journals featured:

- A randomised trial of convalescent plasma in COVID-19 severe pneumonia here
- A repeated cross-sectional study on estimated SARS-CoV-2 seroprevalence in the US here
- A prospective case series on patients with chilblain-like lesions during COVID-19 here
- A living dataset, 'Response2covid19', of government responses to COVID-19 globally here
- A gendered analysis on the impact of COVID-19 on young people and employment in Australia here
- Cohort studies on:
 - Vaccines for emerging and reemerged viral infectious diseases here
 - o Home health recovery of patients with COVID-19 after hospital discharge here
 - Association between ABO and Rh blood groups and COVID-19 here
 - o COVID-19 risk in elective surgery during a second wave here
- Commentary on:
 - o Developing fundamental changes for group medical practices here
 - Science communication as a preventative tool in the COVID-19 pandemic here
 - o COVID-19 and management of metabolic diseases here
 - o Mental health care for rural and remote Australians during COVID-19 here

Letters and correspondence discussed:

- Update to a living rapid review on COVID-19 in health care workers here
- Scientific divisions on COVID-19 here

News and blogs

- Hand hygiene practices gaps identified <u>here</u>
- Identifying drugs that could be repurposed for COVID-19 <u>here</u>
- Annals On Call episode discussing COVID-19 Vaccines <u>here</u>
- COVID-19 vaccines and the impact on the pandemic <u>here</u>
- How Iceland hammered COVID with science here
- Herd immunity for COVID-19 here



Vaccines

 As of 25 November 2020, there are 212 vaccine candidates globally, with 44 vaccine candidates in human clinical trials <u>here</u>

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