COVID-19 Critical Intelligence Unit

Daily evidence digest

2 November 2020

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

Vaccine efficacy, case vignettes, super-spreaders and supersusceptibles

Peer reviewed journals featured:

- A narrative review of challenges in assessing the clinical efficacy of COVID-19 vaccines <u>here</u>
- A phase 2 trial of a COVID-19 neutralising antibody in outpatients with COVID-19 here
- Case vignettes on:
 - o Mild or moderate COVID-19 here
 - o Elective surgery during the COVID-19 pandemic here
- · Commentary on:
 - No-fault compensation for vaccine injury and access to COVID-19 vaccines here
 - Catecholamine physiology and its implications in patients with COVID-19 here
- Surveys on:
 - Surge deployment in a Californian medical centre <u>here</u>
 - Preparedness against COVID-19 in hospitals in Tokyo here
 - o Priority concerns for people with intellectual and developmental disabilities during here
- A cohort study on the risk of hospital admission with COVID-19 in healthcare workers and their households in Scotland <u>here</u> and associated editorial <u>here</u>
- A multicentre retrospective study on antihypertensive drugs and clinical characteristics in older COVID-19 patients <u>here</u>
- A social media analysis of the risks of 'infodemics' in response to COVID-19 epidemics here
- A framework to identify spatial super-spreaders and super-susceptibles in human movement networks <u>here</u>
- Modelling studies on:
 - The cost-benefit of limited isolation and testing in COVID-19 mitigation here
 - Integrated survival estimates for cancer treatment delays during COVID-19 here
 - o Excess mortality in the US during the first three months of COVID-19 here

Letters and correspondence discussed:

- Wearable sensor data and self-reported symptoms for COVID-19 detection here
- COVID-19 testing and cases in immigration detention centres in the US here



Guidance and reports

 The National COVID-19 Clinical Evidence Taskforce released new and updated recommendations and clinical flowcharts here

News and blogs

• Worldwide data suggests schools are not COVID-19 hotspots here

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