COVID-19 Critical Intelligence Unit

Daily evidence digest

1 October 2020

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

Hand sanitisers, stroke, flight-associated transmission, off-label use of disinfectants

Peer reviewed journals featured:

- Results of a phase 1 trial of a COVID-19 vaccine (mRNA-1273) in older adults here
- A review of alcohol-based hand sanitisers as a first line of defence against COVID-19 here
- An US-based observational study of endovascular thrombectomy in acute ischemic stroke patients with COVID-19 <u>here</u>
- A phenomenological study of the emergency medicine response to COVID-19 in England <u>here</u>
- A survey from the Chinese Stroke Association on the impact of COVID-19 on stroke services here
- An observational cohort study on adult acute cardiovascular mortality during COVID-19 in England and Wales <u>here</u>
- An Australian study on flight-associated transmission of COVID-19 using genome sequencing here
- An Italian multicentre cross-sectional study on the effects of COVID-19 on high-risk lesion detection via endoscopy <u>here</u>
- Statistical modelling on the application of a COVID-19 diagnostic test in Spain here
- Commentary on internet search data relating to off-label use of disinfectants for COVID-19 here

Letters and correspondence discussed:

• Reperfusion pulmonary oedema and COVID-19 pneumonia here

Guidance and reports

The World Health Organization COVID-19 released its latest sitrep here

News and blogs

- Interview with Larry Hollier, from Texas Children's Hospital on the COVID-19 surge here
- BMJ blogs on:
 - o 'Long COVID' and self-help pacing groups here
 - Using fiction to discuss infectious disease here
 - The use of cloth masks here

Health

• The impact of political divides in the US on COVID-19 survival here

