COVID-19 Critical Intelligence Unit

Daily evidence digest

20 October 2020

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

Cytokine elevation, virtual cancer genetic services, comparative evidence on drug treatments, immunity passports

Peer reviewed journals featured:

- A rapid systematic review and meta-analysis on cytokine elevation in severe COVID-19 here
- A randomised phase 1/2 trial on the safety and immunogenicity of an inactivated COVID-19 vaccine here and associated commentary here
- An observational study on COVID-19 deaths in people with intellectual disability in the UK and Ireland <u>here</u>
- An organisational case study from Canada on the implementation and impact of virtual cancer genetic services during COVID-19 here
- An international expert survey on digital health for retinal care delivery during COVID-19 here
- Measuring bias in population surveys of compliance with COVID-19 public health guidance here
- A computer-aided diagnosis system for chest X-rays <u>here</u>
- A prognostic model for COVID-19 mortality using laboratory values and machine learning here
- An analysis of comparative evidence on drugs lessons from COVID-19 clinical trials here
- Ethics analysis of the prioritisation of children and young people following COVID-19 here
- A brief report on the ethical allocation of scarce medical resources in the context of racial and socioeconomic disparities here
- An editorial on the ethical challenges of resetting health services during and after public health emergencies <u>here</u>
- Commentary on home monitoring for patients with interstitial lung disease and COVID-19 here
- Perspectives on:
 - Safety and efficacy in emergency use authorisation of COVID-19 vaccines <u>here</u>
 - Learning from the past in developing safe and effective COVID-19 vaccines <u>here</u>

Letters and correspondence discussed:

- Mass testing for COVID-19 in the UK <u>here</u>
- COVID-19 policies in the UK and consequences for mental health here
- Down Syndrome and COVID-19 here
- Correspondence on an article on neuropsychiatric disorders in patients with COVID-19 here and the authors' reply here



News and blogs

- The scientific and ethical feasibility of immunity passports for COVID-19 here
- BMJ blogs on:
 - o Regular COVID-19 testing of all frontline staff in the UK here
 - o Communicating risk in the time of COVID-19 here
 - o Counting 'long COVID' in children here

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