

COVID-19 Critical Intelligence Unit

Daily evidence digest

2 July 2020

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

Global perspectives, PPE training, stroke, podcasts

Peer reviewed journals featured:

- Commentary on health equity and COVID-19 from a global perspective [here](#)
- An evaluation of the quality and impact of the global research response to COVID-19 [here](#)
- Inverse correlation between average temperatures and COVID-19-related death rates in different geographical areas [here](#)
- The Human Cell Atlas and COVID-19 pathology [here](#)
- Prevalence of SARS-CoV-2 infection at the beginning and end of lockdown in the Italian municipality of Vo [here](#)
- Commentary on COVID-19 in children and young people [here](#)
- Characteristics of personal protective equipment training programs in Australia and New Zealand [here](#)
- A method for evaluating cleaning practices with insights for COVID-19 [here](#)
- A risk-based approach to experimental early phase cancer clinical trials during COVID-19 [here](#)
- Managing an outbreak in an assisted living facility in the US [here](#)
- COVID-19 and stroke in Iran [here](#), Dubai [here](#), Spain [here](#) and the US [here](#)
- Limits to evidence-based practice revealed by COVID-19 [here](#)
- Ethical trade-offs of digital contact tracing and privacy, in the context of public health [here](#)
- A BMJ editorial on twin epidemics of COVID-19 and non-communicable disease [here](#)
- Respiratory failure and non-invasive respiratory support during COVID-19: an update for re-deployed hospital doctors and primary care physicians [here](#)

Letters and correspondence discussed:

- Enclosed ward management strategies in psychiatric hospitals during COVID-19 [here](#)
- The use of biostatistics, and interpretation of ratios and rates [here](#)
- Time from SARS-CoV-2 onset to case confirmation, and time to recovery across sociodemographic strata in Singapore [here](#)
- New approaches to cancer care [here](#)
- Screening of gastrointestinal cancers during COVID-19 [here](#)
- 'Culture-competent' virus in the nasopharynx of symptomatic neonates, children, and adolescents [here](#)
- Three letters responding to a paper on pulmonary intravascular coagulopathy in COVID-19 pneumonia [here](#), [here](#) and [here](#), and the authors' reply [here](#)

Pre-peer review papers featured:

- A systematic review and meta-analysis on the prevalence of ocular manifestations and ocular sample positivity in patients with COVID 19 [here](#)

Reviews

- An evidence review from the Newfoundland & Labrador Centre for Applied Health Research on best practice for personal care workers providing home care in the context of COVID-19 [here](#)

Guidance and reports

- An update to the WHO scientific brief on smoking and COVID-19 [here](#)

Twitter: podcasts, blogs and webinars

BMJ Blog: Scotland's slow and steady approach to COVID-19 may lead to a more sustainable future [here](#)

Handles	Topics	Links
@NEJM The New England Journal of Medicine	Audio interview: the challenges of safe reopening Video: personal protective equipment and COVID-19	Click here Click here
@AnnalsofIM Annals of Internal Medicine	Blog: thank you for your service – from the sidelines of the pandemic	Click here
@Nature Nature Research Journal	Coronapod: dexamethasone, the cheap steroid that could cut coronavirus deaths	Click here
@bmj_latest @bmj_leader The BMJ	Talk Evidence Podcast: COVID-19 update - dexamethasone, testing, rehabilitation after covid Blog: evaluating values by Rageshri Dhairyawan	Click here Click here
@AdaLovelaceInst and @involveUK Ada Lovelace Institute and Involve organisations	Webinar: deliberating rapidly and online about COVID-19 technologies	Click here
@JAMA_current The Journal of the American Medical Association	Podcast: taking a closer look at COVID-19, health inequities and racism Podcast: the next COVID-19 phase	Click here Click here
@ThisAmerLife This American Life	Podcast: staff morale and wellbeing in the context of perceived futile care	Click here