

Daily evidence digest

8 October 2020

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

Acute kidney injury, super-spreaders, communicating risk

Peer reviewed journals featured:

- A systematic review and meta-analysis on acute kidney injury in COVID-19 [here](#)
- A randomised trial of lopinavir–ritonavir in patients admitted to hospital with COVID-19 [here](#)
- A rapid systematic review on the effectiveness of diagnostic tests [here](#)
- An epidemiological study of community point prevalence during lockdown in London [here](#)
- Feature articles on:
 - prioritising worse-off populations in allocating safe and effective vaccines [here](#)
 - telemedicine and COVID-19 [here](#)
- A proposed algorithm for gynaecologic cancer surveillance during COVID-19 [here](#)
- Retrospective observational studies on:
 - COVID-19 prevalence, management, and outcomes in older people and those with dementia in mental health wards [here](#)
 - the incidence and outcome of myocardial infarction treated with percutaneous coronary intervention during COVID-19 [here](#)
- An analysis of person-to-person transmission of COVID-19 and super-spreading events [here](#)
- An epidemiological study comparing error rates of forecasting models [here](#)
- A simulation-based test to build surge capacity in a pandemic response [here](#)
- Modelling studies on:
 - state-level social distancing and contact tracing to contain COVID-19 in the US [here](#)
 - the age distribution of mortality from COVID-19 in Italy, Spain and Japan [here](#)
- Social media data analysis on engagement and interest in COVID-19 [here](#)
- A mortality risk prediction model for COVID-19 [here](#)
- A Taiwanese cohort study on mental health issues related to COVID-19 [here](#)
- Editorials on:
 - political interference in public health science during COVID-19 [here](#)
 - the threat to primary care for long term conditions in the pandemic [here](#)
- Commentaries on COVID-19 and:
 - viral arthritis [here](#)
 - cross-reactive antibodies and neuropathology [here](#)
 - cross-reactive memory T cells and herd immunity [here](#)

Letters and correspondence discussed:

- COVID-19 response guidelines and refugees in Germany [here](#)
- Misinterpretation of electron micrographs in COVID-19 infected tissue [here](#)
- The threat of misinformation [here](#)
- Changes in obstetric attendance and activities at a London hospital during COVID-19 [here](#)
- A COVID-19 elimination debate in the BMJ [here](#) and [here](#)
- A seroprevalence study in healthcare workers in Turin, Italy [here](#)
- A proof of concept, blue-tooth enabled study to generate transmission risk estimates [here](#)

Pre-peer review articles featured:

- A study on ventilation and infection potential of COVID-19 [here](#)
- Guidance on communicating personalised risks from COVID-19 [here](#)

Reviews

- The Canadian National Collaborating Centre for Methods and Tools updated its review on the role of daycare and schools in COVID-19 transmission [here](#)

Guidance and reports

- The World Health Organization published:
 - Interim guidance on an assessment tool for COVID-19 testing laboratories [here](#)
 - A rapid assessment of the impact of COVID-19 on mental, neurological and substance use services [here](#)

News and blogs

- Bracing for the second wave of COVID-19 in the UK [here](#)
- A *Nature* news feature on the effectiveness of face masks [here](#)

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