

Daily evidence digest

28 July 2020

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

Coagulopathy, aerosols, contact tracing, mental health

Peer reviewed journals featured:

- A systematic review and meta-analysis of COVID-19 and coagulation dysfunction in adults [here](#)
- A systematic review and meta-analysis of the detection profile of SARS-CoV-2 using RT-PCR in different types of clinical specimens [here](#)
- A prospective multicentre cohort study of point-of-care serological assays for delayed SARS-CoV-2 case identification among healthcare workers in the UK [here](#)
- Particle sizes of infectious aerosols: Implications for infection control [here](#)
- Key insights from the UK and the US on public perceptions on data sharing [here](#)
- Outbreak of anorexia nervosa admissions during the COVID-19 pandemic [here](#)
- A video case study of face coverings to minimise droplet dispersion and aerosolisation [here](#)
- Adult ICU triage during the pandemic and recommendations to improve survival [here](#)
- COVID-19 mortality is negatively associated with test number and government effectiveness [here](#)
- Crosstalk between COVID-19 and prostate cancer [here](#)
- American College of Rheumatology clinical guidance for managing multisystem inflammatory syndrome in children (MIS-C) and hyperinflammation in COVID-19 [here](#)

Letters and correspondence discussed:

- Response to a paper on the effect of anakinra in COVID-19 [here](#) and the authors' reply [here](#)
- Lancet Psychiatry had a number of letters on disparities in the recovery from critical illness due to COVID-19 [here](#), LGBTQ+ focused mental health research strategy in response to COVID-19 [here](#), and caregivers of people with severe mental illness in the COVID-19 pandemic [here](#)
- UK government work to tackle health disparities of COVID-19 [here](#)
- Employing augmented reality telesurgery for COVID -19 positive surgical patients [here](#)

Pre-peer review papers featured:

- A systematic review on effective contact tracing for COVID-19 [here](#)
- An overview of systematic reviews on similarities between the neurological symptoms of COVID-19 and functional neurological disorder [here](#)
- A prospective randomised trial found that intravenous immunoglobulin (IVIG) significantly reduces respiratory morbidity in COVID-19 pneumonia [here](#)
- A feasibility and pilot study of a new model to prioritise and optimise access to elective surgery during the COVID-19 pandemic [here](#)
- The Global Health Security Index and coronavirus pandemic responses among Organisation for Economic Cooperation and Development (OECD) countries [here](#)
- Estimating variation of COVID-19 infection in the population: Results from Understanding Society's (UKHLS) first monthly COVID-19 survey [here](#)
- A rapid review on factors that influence symptom reporting during emerging infectious disease outbreaks [here](#)
- Anatomy of digital contact tracing in age, transmission setting, adoption and case detection [here](#)
- Heat-based decontamination of N95 masks using a commercial laundry dryer [here](#)
- A big data analysis on the impact of COVID-19 on patients with asthma [here](#)

Reviews

- Cataract service redesign post-COVID-19 [here](#)
- An overview of Cochrane Reviews on commonly available interventions during pandemics for heavy menstrual bleeding [here](#)

Guidance and reports

- Telehealth in general practice during COVID-19 and beyond [here](#)
- US CDC guidance on scaling up staffing roles in case investigation and contact tracing [here](#)
- UK Nuffield Trust briefing on resuming health services during the COVID-19 pandemic [here](#)