

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

Ethics, viral transmission, equity and ‘lockdown’

Peer reviewed journals featured:

- A predictive tool for COVID-positive, PCR-negative ED patients using routine tests [here](#)
- Adverse impact of COVID-19 on individuals with opioid use disorder [here](#)
- Expansion of telehealth across the rural–urban continuum in the USA [here](#)
- Identifying airborne transmission as the dominant route for the spread of COVID-19 [here](#)
- A public health framework for the COVID-19 ‘lockdown’ debate [here](#)
- A survey of healthcare workers’ infection prevention and control behaviours in China [here](#)
- Development of a protective device (EBOX) for upper gastrointestinal endoscopy [here](#)
- A meta-regression and decision tree analysis on the association of cardiac biomarkers and comorbidities with increased mortality, severity, and cardiac injury in COVID-19 patients [here](#)
- A population-based study on the sero-prevalence of SARS-CoV-2 IgG antibodies in Geneva, [here](#)
- International consensus recommendations for head and neck surgical oncology practice [here](#)
- A minimal common outcome measure set for clinical research from a WHO working group [here](#)
- The effects of social deprivation on adolescent development and mental health [here](#)
- The effects of physical distancing on population mobility during COVID-19 in the UK [here](#)
- Overview of current treatment strategies for immunotherapies for neurological diseases [here](#)
- A 14-compartment dynamic model of the COVID-19 epidemic [here](#)
- A discussion on how biological sex impacts immune responses and COVID-19 outcomes [here](#)
- A viewpoint on healthcare policy in the US after COVID-19 [here](#)
- A viewpoint on the moral determinants of health [here](#)
- A discussion on unemployment, and civil unrest, racial and socioeconomic divides [here](#)
- The under-representation of Black, Asian and minority ethnic (BAME) groups in research despite being at greater risk from COVID-19 [here](#)
- Comment on the long-term impacts of the 1918 flu pandemic, in the context of COVID-19 [here](#)
- Challenges to medical education at a time of physical distancing [here](#)
- Report on the initiatives to ensure equitable access to an effective COVID-19 vaccine [here](#)
- Commentary on managing fragility fractures during COVID-19 [here](#)
- Description of the approach to COVID-19 taken by Sweden [here](#)

A number of articles focus on ethics – including a discussion on ethics committee review practices for clinical trials [here](#); a multivalued ethical framework for fair global allocation of a COVID-19 vaccine [here](#); and surgery during COVID-19 crisis conditions and ethical integrity [here](#)

Letters and correspondence:

- Natural history of asymptomatic SARS-CoV-2 infection from the Diamond Princess cruise ship [here](#)
- Neuropathological features of COVID-19 from autopsies of 18 patients [here](#)
- An international registry to track patients with new-onset diabetes with COVID-19 [here](#)
- Analysis on deaths from COVID-19 in Europe and herd immunity [here](#)
- A single-centre prospective study on the prevalence of SARS-CoV-2 IgG antibodies in ICU staff [here](#)
- Initial experience from a heart failure disease management clinic [here](#)
- A discussion on the pandemic and the need for equitable and sustainable politics and more attention to social determinants of health [here](#)
- COVID-19, nuclear war, and global warming: lessons for our vulnerable world [here](#)
- Discussion on the pandemic and racism [here](#)

Pre-peer review papers feature:

- A model of post-acute care needs for hospitalised COVID-19 patients [here](#)
- A systematic review on asymptomatic and pre-symptomatic transmission of SARS-CoV-2 [here](#)
- Transformed time series analysis of first-wave COVID-19 in G20 countries [here](#)
- A Bayesian epidemiological model estimating the leeway to reopen in a range of national and regional jurisdictions [here](#)

From the Bulletin of the World Health Organisation

- Simulation of the effects of COVID-19 testing rates on hospitalisations [here](#)
- Mortality surveillance during the COVID-19 pandemic [here](#)
- Medical certification of cause of death for COVID-19 [here](#)