

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

Stroke, ‘outbreak rostering’, viewpoints on policy and clinical research

Peer reviewed journals featured

- An analysis of delayed presentation of acute ischaemic strokes during COVID-19 [here](#)
- Population-based observational study on out-of-hospital cardiac arrest in Paris [here](#)
- A cohort study exploring associations between demographic characteristics (including patient-reported race and ethnic group) and outcomes in Louisiana [here](#)
- A hospital case study from Singapore on the use of ‘outbreak rostering’ in an ED [here](#)
- A guide for managing delirium in patients with COVID-19 [here](#)
- A discussion about compensation and hazard pay for key workers during an epidemic [here](#)
- A phase 3 trial for remdesivir for either 5 or 10 days in patients with severe COVID-19 [here](#)
- Viewpoint articles in JAMA on the use of controlled trials to resolve policy questions [here](#), and protecting scientific integrity in clinical research during [here](#)
- A systematic review and meta-analysis on predictive symptoms and comorbidities for severe COVID-19 and intensive care unit admission [here](#)
- A meta-analysis on associations between hypertension and severity and fatality [here](#)
- A commentary on small droplet aerosols in poorly ventilated spaces [here](#)
- A rapid systematic review on symptom burden and clinical profile of COVID-19 deaths [here](#)

Letters and correspondence focused on:

- A cluster of chalazia in nurses using eye protection while caring for critically ill patients [here](#)
- The usefulness of mass spectrometry-based analysis in COVID-19 [here](#)
- Excess mortality in men and women in Massachusetts during COVID-19 [here](#)
- Strategies to support physical distancing among individuals with active addiction [here](#)
- A critique of the UK Government's pandemic strategy [here](#)

Pre-peer review papers featured:

- Ventilator resource management using a network optimisation model [here](#)
- A cohort study on continuous electroencephalography (cEEG) characteristics and acute symptomatic seizures in 22 critically-ill COVID-19 patients [here](#)
- A survey of the US general population (n=1005) on mental health outcomes [here](#)
- A rapid evidence review on automated and partially-automated contact tracing [here](#)
- A systematic review showing diabetes is associated with increased risk for in-hospital mortality in patients with COVID-19 [here](#)

Reviews

The Centre for Evidence Based Medicine published a rapid review on asthma in COVID-19, focusing on risks and management considerations [here](#)

Elsevier released a clinical overview on COVID-19 critical care [here](#)

UK Research and Innovation published a rapid review on why people from ethnic minorities suffer more from COVID-19 [here](#)

Guidance

The World Health Organisation released:

- Guidance for research ethics committees regarding rapid review of research during public health emergencies [here](#)
- A surveillance protocol for SARS-CoV-2 infection among health workers [here](#)
- Interim guidance about ethical considerations to guide the use of digital proximity tracking technologies for COVID-19 contact tracing [here](#)

The National COVID-19 Clinical Evidence Taskforce published [here](#):

- A new conditional recommendation against the use of neuromuscular blocking agents (NMBAs) for mechanically ventilated adults.
- A new consensus recommendation to consider the use of increased-dose VTE prophylaxis in adults with severe to critical COVID-19.
- Updated clinical flowcharts on: assessment for suspected COVID-19; management of patients with moderate to severe COVID-19; management of patients with severe to critical COVID-19; respiratory support for patients with severe to critical COVID-19.

Twitter update

Blogs from @BMJ_latest:

- Shielding from COVID-19 should be stratified by risk [here](#)
- Editorial by @NIHRSPHR researchers on the impact of COVID-19 on child poverty and well-being #healthinequalities [here](#)
- What are long term implications of accessing patient data currently being used on unprecedented scale by governments and healthcare to stop #COVID-19 [here](#)
- Report on the medical professionals whose YouTube channels have become vital sources of public information during the pandemic [here](#)
- The role of values and ethics in implementing science based evidence [here](#)

@EricTopol: Supportive global data for the vital use of masks shared [here](#) and [here](#)

Webinars, tweet chats and workshops:

- @ISQUA webinar presentations and recording on COVID-19 preventative measures [here](#)
- @BMJleader hosted their regular #BMJleaderchat, with this week's topic on decision fatigue in #COVID-19 times [here](#) with associated blog [here](#)
- @theQCommunity is hosting #RAPIDQI workshops, designed to capture, review and learn from the rapid innovation and improvement driven by response to #COVID19 [here](#)
- A podcast from "Coronavirus conversations: Science communication during a pandemic" on how researchers can tackle an "infodemic" of hearsay, speculation and fake news [here](#)
- A webinar on COVID-19 post-ICU syndrome [here](#)