

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

### Artificial intelligence, masks, ethical dilemmas and exit strategies

#### Peer reviewed journals featured:

- A systematic review of COVID-19 symptoms, management and outcomes in children <1 year [here](#)
- A systematic review of management strategies for COVID-19 patients with dermatologic disorders [here](#)
- Teleneurology for improving access to neurological care during COVID-19 [here](#)
- An online, crowdsourced consultation on a framework for managing the COVID-19 infodemic [here](#)
- Use of artificial intelligence and digital communication in an acute stroke pathway [here](#)
- Ethical dilemmas and critical ethical choices during the COVID-19 pandemic [here](#)
- Cardiac biomarker-based risk stratification algorithm in patients with severe COVID-19 [here](#)
- A discussion on selective liberty restrictions to promote the well-being of elderly group [here](#)
- Cancer diagnostic rates during COVID-19 in Italy [here](#)
- A perspective piece in the MJA about artificial intelligence and COVID-19 [here](#)
- A case study on perioperative COVID-19 testing protocols to restore surgical services [here](#)
- Reorganising the emergency department in Singapore to manage the COVID-19 outbreak [here](#)

#### The Lancet published commentary and editorials on

- Gender equality and health [here](#)
- Men's health [here](#)
- Patients with sickle cell disease and COVID-19 in France [here](#)
- Effects of COVID-19 on the mental health of prisoners [here](#)
- Exploring age-based lockdown to protect population and economy [here](#)
- Increased alcohol misuse during the COVID-19 pandemic [here](#)

#### JAMA published:

- A retrospective cohort study of 4480 patients found prior use of ACEI/ARB was not significantly associated with diagnosis or with mortality among patients diagnosed with COVID-19 [here](#)
- An editorial note suggesting ACEI/ARBs should not be discontinued in patients with COVID-19, unless the drugs cannot be tolerated due to hemodynamic instability [here](#)

#### Letters and correspondence:

- Association between high serum total cortisol concentrations and mortality from COVID-19 [here](#)
- Opportunities and limitations of wastewater analysis for informing policy decision making [here](#)

**Evidence reviews include:**

- Concerns expressed by the Centre for Evidence-Based Medicine on lack of scientific evidence to support the two-metre rule [here](#)
- A living rapid review from Agency for Healthcare Research and Quality on masks for prevention of COVID-19 in community and healthcare settings [here](#)
- Two rapid reviews from the Canadian National Collaborating Centre for Methods and Tools on the effectiveness of cohorting virus-positive residents to shared rooms in care facilities [here](#) and efficacy and cost-effectiveness of copper materials to reduce transmission of viruses [here](#)

**Pre-peer review papers feature:**

- A systematic review and meta-analysis on downsides of face masks and possible mitigation strategies [here](#)
- A systematic review and critical appraisal of clinical practice guidelines and recommendations [here](#)
- Support needs of Australian primary health care nurses during COVID-19 [here](#)
- A systematic review and meta-analysis on epidemiological risk factors associated with death and severe disease in patients with COVID-19 [here](#)
- Survivability and risk of SARS-CoV-2 infection from contaminated water systems [here](#)
- A metric to assess COVID-19 testing outcomes [here](#)
- Assessing the impact of coordinated COVID-19 exit strategies across Europe [here](#)
- A systematic review and network meta-analysis of comparative efficacy and safety of pharmacological interventions for the treatment of COVID-19 [here](#)

**News**

- First human trials of new COVID-19 vaccine developed with support from the National Institute for Health Research is to start this week [here](#)

**Guidance**

- A rapid guideline from NICE on kidney transplantation including recipients and live donors [here](#)
- Clinical guide for the prevention, detection and management of thromboembolic disease in patients with COVID-19 [here](#)