

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

Antibody tests, PPE, resuscitation, surveillance

Peer reviewed journals featured:

- In the BMJ:
 - A briefing on COVID-19 antibody tests [here](#) and their impact in UK [here](#)
 - An editorial on commercial influence and COVID-19 [here](#)
 - An editorial on COVID-19 and lack of linked datasets for care homes [here](#)
- In NEJM Catalyst:
 - Community needs and preparing for the secondary impacts of COVID-19 [here](#)
 - The value of COVID-19 antibody testing beyond the result [here](#)
- In Nature:
 - A perspective on considerations for effectively managing the COVID-19 transition [here](#)
 - A study exploring the inactivation of airborne human coronaviruses using far-UVC light (222 nm) [here](#)
 - A comment on the need for transparency in mathematical models of COVID-19 [here](#)
- Several articles on personal protective equipment
 - A systematic review on viral carriage on the outer surface of surgical masks worn by healthcare workers [here](#)
 - Mental practice as a novel learning strategy for donning and doffing personal protective equipment during the COVID-19 pandemic [here](#)
 - Stewardship of PPE proposed as a pandemic resource for preservation and education [here](#)
- Mental health effects of the COVID-19 pandemic on older adults [here](#)
- Prolonged shedding of SARS-CoV-2 RNA among patients with COVID-19 [here](#)
- Resuscitating patient rights amid the risk of resurgent paternalism [here](#)
- A safe, naturally ventilated structure for COVID-19 surge capacity in Singapore [here](#)
- Professional obligation of paramedics to work during a pandemic [here](#)
- 'Incident Command System for Disaster Preparedness' for emergency departments [here](#)
- Preparedness and lockdown effectiveness in confronting COVID-19 in five countries [here](#)
- Prediction of the rehabilitation duration and risk management for mild-to-moderate COVID-19 [here](#)
- Bedside veno-venous ECMO cannulation during COVID-19 [here](#)
- Perspectives of tele-orthodontics in the COVID-19 emergency and as daily practice in future [here](#)
- Implementation of workplace contact reduction during COVID-19 in emergency departments [here](#)
- A short report on the negligible value of temperature screening for controlling COVID-19 [here](#)
- Reduced hospital admissions for acute coronary syndrome during COVID-19 [here](#)
- A simulation assessing visible aerosol generation during vitrectomy during COVID-19 [here](#)

- A viewpoint on the state of health care quality measurement during COVID-19 [here](#)
- A UK surveillance study on neurological and neuropsychiatric complications of COVID-19 [here](#)
- An observational study of UK mobile health apps for COVID-19 [here](#)
- Diagnostic accuracy of a point-of-care test in patients hospitalised with suspected COVID-19 [here](#)

Letters and correspondence discussed:

- The need for integrated medicine in children with special care needs [here](#)
- Potential contribution of increased soluble IL-2R to lymphopenia in COVID-19 patients [here](#)
- Prolonged infectivity of SARS-CoV-2 in fomites [here](#) and
- A laboratory study on persistence of SARS-CoV-2 in aerosol suspensions [here](#)

Pre-peer review papers featured:

- An analysis of COVID-19 article dissemination by Twitter compared to citation rates [here](#)
- Co-occurrence of SARS-CoV-2 and respiratory pathogens in 3,348 frail elderly adults in USA [here](#)

Reviews:

- A Cochrane review on antibody tests for identifying current and past infection [here](#)

Guidance and reports

- The National COVID-19 Clinical Evidence Taskforce released new guidance on remdesivir use for pregnant patients, children or adolescents and updated clinical flowcharts for mild, moderate, and severe COVID-19 cases [here](#)
- Clinical guide for the management of critical care for adults with COVID-19 during the pandemic from a collaborative of four UK organisations (Association of Anaesthetists, FICM, ICS, Royal College of Anaesthetists) [here](#)

Twitter

Post-pandemic:

@BMJ_latest blog on how surgeons should obtain consent during the COVID-19 pandemic as hospitals are resuming elective surgery [here](#) and news that doctors feel shut out of plans for dealing with backlog of missed care following a survey that was conducted with 6,735 respondents [click here](#)

@ConversationEDU exploring the long-running debate about the need for an Australian Centre for Disease Control and Prevention [here](#) with different perspectives being shared [here](#), [here](#) and by @AlboMP in a recent speech [click here](#)

Contact tracing:

@BMJ_latest editorial with lessons from Germany [here](#) and recent news coverage about contact tracing in Japan [here](#) and in Australia on the use of the COVIDSafe app [here](#) and [here](#)