

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

Digital pathology, fomites, health literacy, mobile-health

Peer reviewed journals featured:

- Elderly people and responses to COVID-19 in 27 countries [here](#)
- A WHO-UNICEF-Lancet Commission commentary on the threat of COVID-19 to children [here](#)
- Outcomes of a rapid adolescent telehealth scale-up during the COVID-19 pandemic [here](#)
- An international perspective on ethical criteria for admission and management of patients in the ICU under conditions of limited medical resources [here](#)
- Controlled human infection with SARS-CoV-2 to study COVID-19 vaccines and treatments [here](#)
- A review on naringenin, a flavanone with antiviral and anti-inflammatory effects [here](#)
- A review of interventions for healthcare professionals taking care of COVID-19 patients [here](#)
- A double triage and telemedicine protocol to optimise infection control in an emergency department in Taiwan [here](#)
- A review of epidemic outbreaks and supply chains [here](#)
- Organisational communication to employees during the COVID-19 pandemic [here](#)
- Digital pathology and artificial intelligence in clinical and academic cellular pathology [here](#)
- Investigation of nosocomial SARS-CoV-2 transmission from two patients to healthcare workers identifies close contact but not airborne transmission events [here](#)
- Commentary suggesting the risk of transmission of COVID-19 by fomites is exaggerated [here](#)
- Comment in the MJA on superspreaders, asymptomatics, and COVID-19 elimination [here](#)
- Histiocytic hyperplasia with hemophagocytosis and acute alveolar damage [here](#)
- A qualitative study on what physician leaders in Singapore learned during COVID-19 [here](#)

Editorials discussed:

- Diagnosis, potential interactions, and management of COVID-19 pneumonia and immune-related pneumonitis [here](#)
- Surviving the trauma of COVID-19 [here](#)
- Antibody testing for COVID-19 is not ready for prime time [here](#)
- Public health crises and the need for accessible information [here](#)

Letters and correspondence discussed:

- The role of oral bacteria in COVID-19 [here](#)
- Rise in the incidence of abusive head trauma during the COVID-19 pandemic [here](#)
- Alteration of taste or smell as a predictor of COVID-19 [here](#)

Pre-peer review papers featured:

- A systematic review and case-control analysis on methodological rigour in COVID-19 clinical research [here](#)
- A rapid systematic review on the mental health impact of the COVID-19 pandemic on healthcare workers, and interventions to help them [here](#)
- Blood biomarker score identifies individuals at high risk for severe COVID-19 a decade prior to diagnosis: metabolic profiling of 105,000 adults in the UK Biobank [here](#)
- Oxygen and mortality in COVID-19 pneumonia: a comparative analysis of supplemental oxygen policies and health outcomes across 26 countries [here](#)
- A rapid scoping review on health literacy in the general population in the context of epidemic or pandemic coronavirus outbreak situations [here](#)

Evidence reviews

- The Centre for Evidence Based Medicine published a review focused on weather conditions and influence on transmission of SARS-CoV-2 [here](#)
- The Cochrane Collaboration released a review on mobile health (mHealth) education interventions in heart failure [here](#) and updated its series on critical care [here](#)
- The National COVID-19 Clinical Evidence Taskforce updates to dexamethasone guidelines, birth guidelines, and new and updated clinical flowcharts [here](#)

News and blogs

- In Nature:
 - six months of coronavirus: the mysteries scientists are still racing to solve [here](#)
 - guide to the reproduction number — the pandemic's misunderstood metric [here](#)