

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

Cancer, clinical trials, telehealth, and managing teamwork

Peer reviewed journals featured:

- Multiple cohort studies in Lancet journals investigating the impact of COVID-19 on clinical outcomes for people with cancer [here](#), [here](#), [here](#) and [here](#)
- Two commentaries on cancer, one in Nature about rethinking cancer clinical trials [here](#) and one in the MJA on challenges faced by cancer survivors in transition during COVID-19 [here](#)
- A narrative review on changing perspectives about telehealth in Australia, the UK and US [here](#)
- A review on potential years of life lost due to the psychosocial consequences of COVID-19 mitigation strategies [here](#)
- Insights from the US on opioid use in the context of COVID-19 [here](#)
- A conceptual framework for endovascular stroke treatment in COVID-19 [here](#)
- A review of neuro-pathogenesis and neurologic manifestations of coronaviruses [here](#)
- A living systematic review on hydroxychloroquine/chloroquine for treatment or prophylaxis [here](#)
- A systematic review on herbal medicine for the treatment of COVID-19 [here](#)
- A meta-analysis and sensitivity analysis on estimation of the basic reproduction number, average incubation time, asymptomatic infection rate, and case fatality rate for COVID-19 [here](#)
- An editorial on patient safety and quality improvement skills to deploy during COVID-19 [here](#)
- The effects of COVID-19 on management of patients with STEMI in a tertiary cardiovascular centre [here](#)

The Lancet journals also included:

- An international cohort study on mortality and pulmonary complications in patients undergoing surgery with perioperative COVID-19 infection [here](#)
- A prospective cohort study on anakinra for 52 patients with severe COVID-19 [here](#)
- A study describing characteristics of COVID-19 in 51 HIV-infected individuals [here](#)
- Commentary calling for a coordinated human rights-based response to COVID-19 [here](#)
- A proposed recovery plan to protect the mental health of NHS healthcare workers [here](#)

The BMJ suite of journals published:

- A retrospective case series on the clinical course of 1000 patients in New York [here](#)
- A viewpoint on managing teamwork in a pandemic [here](#)
- A commentary on quality of research on COVID-19 [here](#)
- An analysis on the ethics of clinical research in quarantine [here](#)

NEJM Catalyst featured:

- The changing distribution of ICU patients' diagnoses in New York's public hospitals [here](#)
- A telemedicine service at Singapore community dialysis centres [here](#)
- An intensive community management strategy in primary care [here](#)
- A dedicated, multidisciplinary and comprehensive post-ICU recovery unit [here](#)

Letters and correspondence discussed:

- Implication of SARS-CoV-2 evolution in the sensitivity of PCR diagnostic assays [here](#)
- Lung function testing during COVID-19 [here](#)
- A case series of deep vein thrombosis in 34 critically ill COVID-19 patients [here](#)
- Risk for COVID-19 resurgence related to physical distancing in Ontario, Canada [here](#)
- Uptake of telehealth in cancer services across health institutions in Victoria and Tasmania [here](#)
- Meta-analysis of association between elevated interleukin-6 and severity of COVID-19 [here](#)
- Sharing patient-level real-time COVID-19 data from multiple sources [here](#)

Pre-peer review papers included:

- An ecological analysis of 108 countries on association between COVID-19 testing and reduced mortality [here](#)
- Worsening of pre-existing psychiatric conditions during the COVID-19 pandemic [here](#)
- The use of real-world contact networks to quantify the effectiveness of digital contact tracing and isolation strategies [here](#)
- Methods and feasibility of high-throughput testing procedures for PCR and antibody testing for an entire rural community [here](#)
- A modelling study on the effectiveness and perceived burden of non-pharmaceutical interventions against COVID-19 transmission in 41 countries [here](#)

Guidance released:

- The World Health Organisation released planning recommendations for mass gatherings in the context of COVID-19 [here](#)
- Resources from the Australian Commission on Safety and Quality in Health Care on infection prevention and control and medicines [here](#)
- Advice on surgical masks and gowns during COVID-19 from TGA [here](#)