

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

Non-invasive and extracorporeal oxygenation, mask reuse, adapting care

Peer reviewed journals featured:

- A systematic review on association between non-invasive oxygenation and all-cause mortality in adults with acute hypoxemic respiratory failure [here](#)
- A narrative review on SARS-CoV-2 antibody tests and their application [here](#)
- A pooled analysis of outcomes of ECMO (extracorporeal membrane oxygenation) in 331 COVID-19 patients [here](#)
- A multi-cohort study on seroprevalence in Hong Kong and residents evacuated from Hubei [here](#)
- A commentary on persistence, sampling issues, and infectivity in positive re-tests for SARS-CoV-2 RNA in “recovered” patients with COVID-19 [here](#)
- A case study on adapting cancer care via an expansion of telemedicine [here](#)
- Ways to improve healthcare leadership during COVID-19 [here](#)
- Two viewpoint articles in JAMA: one on making decisions on trade-offs between risks and benefits during COVID-19 [here](#), and one on structurally competent healthcare systems [here](#)
- A retraction of "Hydroxychloroquine or chloroquine with or without a macrolide for treatment of COVID-19: a multinational registry analysis" due to inability to complete an independent audit of the data underpinning the analysis [here](#)

Letters and correspondence:

- A decrease in the volume of stroke codes in Ontario [here](#)
- Effectiveness of N95 respirator decontamination and reuse against SARS-CoV-2 [here](#)
- Correlation between N95 extended use and reuse and fit failure in an emergency department [here](#)
- A note of caution on emergency abdominal surgery in COVID-19 patients [here](#)
- A case of acute pancreatitis related to SARS-CoV-2 infection in France [here](#)

Pre-peer review papers featured:

- Depression and anxiety during enforced isolation among 59,318 UK adults [here](#)
- Longitudinal analyses of 45,000 UK adults on relationship of poorer sleep quality to adversities and worries during the COVID-19 pandemic [here](#)

The Centre for Evidence-Based Medicine released rapid reviews on:

- The role and response of primary care and community nursing in the delivery of palliative care in epidemics and pandemics [here](#)
- Clinical outcomes, biochemical and pathological changes, and treatments for thrombosis [here](#)
- The high rate of SARS-CoV-2 transmission in meat and poultry facilities [here](#)

Guidance and reports released:

- The National COVID-19 Clinical Evidence Taskforce updated their guidance on antivirals and management of patients with mild, moderate and severe to critical COVID-19 and published new clinical flowcharts on assessment for suspected COVID-19 [here](#)
- The World Health Organisation released digital tools for COVID-19 contact tracing [here](#)
- The Inter-Agency Standing Committee Reference Group released a psychosocial skills guide [here](#)

Update on Critical Intelligence Unit

New evidence checks now available on the webpage [here](#)

- Preserving consumer and patient partnership during COVID-19
- Virtual care and telehealth for specific conditions
- Conducting virtual respiratory assessments and monitoring via telehealth
- COVID-19 infectivity and transmission in children
- Nosocomial COVID-19 infections
- Computed tomography use during the COVID-19 pandemic
- Workforce reconfiguration

What changes have been made to health care practices in response to COVID-19?

Last chance to have your say and share your insights [here](#)

Survey closes on 12 June 2020.