

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

Post-pandemic clinician mental health, air travel, international data descriptors, mask use, transmission in schools

Peer reviewed journals featured:

- A narrative review and conceptual framework on post-pandemic clinician mental health [here](#)
- A multi-centre prospective observational study on the pathophysiology of COVID-19-associated acute respiratory distress syndrome [here](#)
- A US multi-centre report of a decline in stroke alerts and hospitalisations during COVID-19 [here](#)
- A prospective observational study on the prevalence of phenotypes of acute respiratory distress syndrome in critically ill patients with COVID-19 [here](#)
- Commentary on misconceptions about weather, seasonality and COVID-19 [here](#)
- Data descriptors of government interventions in response to COVID-19 [here](#) and global public health interventions against COVID-19 [here](#)
- An editorial on air travel in the time of COVID-19 [here](#)

Letters and correspondence discussed:

- Updates from the Annals of Internal Medicine on:
 - Hydroxychloroquine or chloroquine for the treatment or prophylaxis of COVID-19 [here](#);
 - Risks and impact of angiotensin-converting enzyme inhibitors or angiotensin-receptor blockers on SARS-CoV-2 infection in adults [here](#)
 - Masks for prevention of respiratory virus infections, including SARS-CoV-2, in healthcare and community settings [here](#)
- Risk for severe COVID-19 illness among teachers and adults living with school-aged children [here](#)
- A two-period retrospective case-control study on continuous positive airway pressure to avoid intubation in SARS-CoV-2 pneumonia [here](#)
- A snapshot of the current state of knowledge on the dynamic changes in cytokine responses in COVID-19: A meeting report from the US National Institutes of Health and Food and Drug Administration [here](#)

Reviews

- Canada's National Collaborating Centre for Methods and Tools released review updates on the potential for COVID-19 reinfection, including new transmission after recovery [here](#) and the specific role of day-care centres and schools in COVID-19 transmission [here](#)
- Alberta's COVID-19 Scientific Advisory Group released rapid evidence reports on:
 - What risk factors are associated with the development of severe outcomes in COVID-19? [here](#)
 - Evidence of harm from mask use for specific populations [here](#)
 - What role might children play in community SARS-CoV-2 transmission, and what measures might mitigate potential additional risk of transmission of COVID-19 related to school and day-care centres reopening? [here](#)
 - Have clusters of COVID-19 over time been described in condos, apartments and/or hotels, and what are the most commonly hypothesised mechanisms of transmission? [here](#)

Guidance and reports

- The National COVID-19 Clinical Evidence Taskforce released new or updated reports and flowcharts on disease modifying treatments, respiratory support and management of people with frailty and or cognitive impairment [here](#)
- The Therapeutics Goods Administration released a bulletin on COVID-19 testing in Australia for health professionals [here](#)

News and blogs

- Audio interview: Operation warp speed and COVID-19 [here](#)
- BMJ blogs featured COVID-19 in Australia: Most infected health workers in Victoria's second wave acquired virus at work [here](#)