

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

Modelling transmission in Victoria, visual summary of drug treatments, corticosteroids, vaccines, healthcare simulation models

Peer reviewed journals featured:

- Modelling community transmission of COVID-19 in Victoria [here](#)
- A BMJ visual summary of the World Health Organisation living guideline on drugs for COVID-19 [here](#)
- Several articles on steroids and COVID-19:
 - A systematic review and meta-analysis of the use of steroids for COVID-19 [here](#)
 - Randomised clinical trials on hydrocortisone [here](#) and [here](#) and on dexamethasone [here](#)
 - An editorial [here](#)
- Results of non-randomised phase 1/2 studies of two vaccine formulations in Russia [here](#) and related commentary [here](#)
- A randomised clinical trial on the efficacy and safety of azithromycin [here](#)
- A cohort study of airway management of patients with COVID-19 by specialist tracheal intubation teams [here](#)
- A cohort study on vitamin D status and COVID-19 test results [here](#)
- Commentary on prioritising anti-TNF therapy trials in COVID-19 treatment [here](#)
- Commentary on integrative clinical, genomics, and metabolomics data analysis for mainstream precision medicine to investigate COVID-19 [here](#)
- A case study on the role of dedicated biocontainment patient care units in preparing for COVID-19 and other infectious disease outbreaks [here](#)
- A quality improvement report describing a crisis management team (led by an oncology, a psychiatry and a dermatology resident) in Paris [here](#)
- An index for lifting social distancing on COVID-19 pandemic [here](#)
- A review and ‘manifesto’ for healthcare simulations [here](#)
- An infographic on clinical recommendations for return to sports during COVID-19 [here](#)
- Immunological considerations for COVID-19 vaccine strategies [here](#) and the evolution of the COVID-19 vaccine development landscape [here](#)

Letters and correspondence discussed:

- Two letters responding to a paper on mavrilimumab treatment for severe COVID-19 [here](#) and [here](#), and the authors’ reply [here](#)

Pre-peer review articles featured:

- A prospective observational study of a hospital-wide response (at the Royal Melbourne Hospital) to multiple outbreaks of COVID-19 in healthcare workers [here](#)
- A NSW modelling study on the role of masks in reducing the risk of new waves of COVID-19 in low transmission settings [here](#)
- A model for improving healthcare worker safety from COVID-19 aerosol propagation [here](#)

Guidance and reports

- The World Health Organisation published interim guidance on infection prevention and control for the safe management of a deceased patient in the context of COVID-19 [here](#)

News and blogs

- The Lancet published a news item about the Russian vaccine for COVID-19 [here](#)
- A BMJ blog on long haul COVID-19 [here](#)
- A news article on university workers in the US fighting the return to campus [here](#)

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