

Daily evidence digest

11 March 2021

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

Phase 2 trial of Covaxin, serosurveys for public health decision-making, Pfizer vaccine effectiveness

Peer reviewed journals featured:

- Systematic reviews on:
 - Serological evidence of human infection with SARS-CoV-2 [here](#)
 - The epidemiology and clinical features of COVID-19 in aged care facilities [here](#)
- Phase 2 trial of BBV152 (Covaxin) - an inactivated SARS-CoV-2 vaccine [here](#) and associated commentary [here](#)
- An observational study on racial differences in management and outcomes of acute myocardial infarction during COVID-19 [here](#)
- A clinical validation study on a field-deployable, rapid diagnostic test for saliva [here](#)
- A survey on changes in behaviours and well-being during COVID-19 restrictions in Australia [here](#)
- A modelling study exploring epidemiological and evolutionary considerations in SARS-CoV-2 vaccine dosing regimes [here](#)
- A case report of ¹⁸Fluorodeoxyglucose PET/CT findings in a systemic inflammatory response syndrome after COVID-19 vaccination [here](#)
- Commentary on COVID-19 serosurveys for public health decision making [here](#)

Letters and correspondence discussed:

- Chilblain-like acral lesions in post-acute COVID-19 syndrome [here](#)
- Correspondence about a previously published article on Interleukin-1 and interleukin-6 inhibition in COVID-19 patients and hyperinflammation [here](#) and authors' response [here](#)
- An outbreak of endemic carbapenem-resistant *A. baumannii* in a COVID-19-specific intensive care unit [here](#)

Pre-peer review article featured:

- Vaccine effectiveness after 1st and 2nd dose of BNT162b2 (Pfizer) vaccine in long-term care facilities and healthcare workers in Denmark [here](#)
- A randomised controlled trial on a telerehabilitation program for COVID-19 survivors [here](#)
- An emerging SARS-CoV-2 variant carrying a L452R spike protein mutation in California [here](#)

Guidance and reports

- The World Health Organization published:
 - Guidance on the collection and use of vaccination data [here](#)
 - A living timeline of the WHO response to COVID-19 in Europe [here](#)
- Canada's National Collaborating Centre for Methods and Tools updated its rapid review on mitigating risk of COVID-19 outbreaks and mortality in long-term care facilities [here](#)

News and blogs

- US bishops' conference recommends against Johnson and Johnson vaccine [here](#)
- The need for a COVID-19 booster dose in autumn to avoid winter surge [here](#)
- The return to school and 'shared air' [here](#)
- Personal protective equipment is deemed sexist [here](#)
- The worry of children and the return to school in the UK [here](#)

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Living Evidence Tables

A Living Evidence table on [COVID-19 transmission](#) has been added to those on [vaccines](#), and [variants of concern](#)