

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

Prevention of SARS-CoV-2 transmission in hospital air, preoperative assessment decisions, viral load post-vaccination

Peer reviewed journals featured:

- A systematic review on SARS-CoV-2 transmission prevention in hospital air [here](#)
- A statistical modelling study on the depletion of healthcare workers and epidemic outcomes [here](#)
- A narrative review on preoperative assessment for scheduling surgery during COVID-19 [here](#)
- Observational studies on:
 - Rapid decline of neutralising antibodies against SARS-CoV-2 in healthcare workers [here](#)
 - The Text4Hope program during COVID-19 in Canada [here](#)
 - The influence of winter on SARS-CoV-2 outbreaks [here](#)
- An editorial on a COVID-19 elimination strategy in Japan [here](#)
- Commentary on:
 - Why test and trace will fail in the UK without support for self-isolation [here](#)
 - Remote consultations in prison mental healthcare in England [here](#)
 - COVID-19 vaccination in pregnant and lactating women [here](#) and [here](#)
 - Variant-proof vaccine design [here](#)
 - Global COVID-19 vaccine allocations [here](#)

Pre-peer review articles featured:

- An observational study on decreases in SARS-CoV-2 viral load following vaccination with BNT162b2 (Pfizer-BioNTech vaccine) [here](#)
- An observational study on the neutralization of B.1.351 (South African variant) by antibodies elicited by SARS-CoV-2 infection and boosted by vaccination [here](#)
- A survey-based modelling study on patterns and long term prediction of COVID-19 prevention behaviour over time in Australia [here](#)

Guidance and reports

- The World Health Organization published guidance on:
 - The definition and categorisation of the timing mother-to-child transmission of SARS-CoV-2 [here](#)
 - A legal and regulatory framework facilitating vaccine deployment [here](#)
 - Assessing community needs, perceptions and demand in the context of COVID-19 [here](#)
- The Royal Australian College of General Practitioners published COVID-19 vaccine information for GPs [here](#)
- The Australasian Society of Clinical Immunology and Allergy released a position statement on allergy, immunodeficiency, autoimmunity and COVID-19 vaccination [here](#) and FAQs [here](#)

News and blogs

- Research update on COVID-19 viruses and losing part of their genome [here](#)

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Emerging evidence on vaccines and variants of concern is incorporated daily into Living Evidence Tables [available here](#)