

Daily evidence digest

31 August 2021

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

Household transmission, door-to-door COVID-19 testing program, one year outcomes post-hospitalisation for COVID-19, waning immunity

Peer reviewed journals featured:

- An updated systematic review on factors associated with household SARS-CoV-2 transmission [here](#)
- A randomised controlled trial of awake prone positioning for COVID-19 acute hypoxaemic respiratory failure [here](#)
- Observational studies on:
 - Evaluation of a community-based door-to-door COVID-19 testing program [here](#)
 - SARS-CoV-2 infection in children and adolescents with cancer [here](#)
 - One-year outcomes in hospital survivors with COVID-19 in Wuhan [here](#) and an associated editorial [here](#)
 - Resilience and personality as predictors of biological stress load [here](#)
- An editorial on strengthening international surveillance of vaccine safety [here](#)
- Commentary on how the pandemic Olympics affected Japan [here](#)

Letters and correspondence discussed:

- Safety and tolerability of the Pfizer vaccine in extremely vulnerable children aged 12–15 years [here](#)
- Validation of an at-home direct antigen rapid test for COVID-19 [here](#)

Pre-peer review articles featured:

- Lessons from the COVID-19 third wave in Canada [here](#)
- A survey on behavioural barriers to COVID-19 testing in Australia [here](#)
- A systematic review on the effectiveness of vaccination against symptomatic and asymptomatic SARS-CoV-2 infection [here](#)
- The effectiveness of the World Health Organization-authorised COVID-19 vaccines [here](#)
- Waning of Pfizer vaccine protection against SARS-CoV-2 infection in Qatar [here](#)
- Long-term immunogenicity of Pfizer vaccination in healthcare workers [here](#)
- Lambda and Delta variants vaccine escape [here](#)
- COVID-19-associated hospitalisations among adults aged 18+years in the US [here](#)
- Effectiveness of mRNA vaccines against COVID-19 hospitalisations and deaths in older adults [here](#)
- Qualitative research on implementation of rapid tests for hospital SARS-CoV-2 screening [here](#)

Guidance and reports

- The World Health Organization updated its COVID-19 vaccine tracker [here](#)
- The Israeli government published nationwide studies on:
 - Waning immunity and the Pfizer vaccine [here](#)
 - Pfizer vaccine booster dose protection [here](#)

News and blogs

- The US COVID-19 origins report [here](#)

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on [COVID-19 transmission](#), [SARS-CoV-2 vaccines](#), and [variants](#) of concern, [post-acute sequelae of COVID-19 \(PASC\)](#), [surgery and COVID-19](#), and [rapid testing](#).