

## Daily evidence digest

25 January 2022

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

### Boosters post-CoronaVac, immunotherapy, physicians seeking outpatient care for mental health and substance use during COVID-19

#### Peer reviewed journals featured:

- A phase 4 randomised trial on COVID-19 boosters in CoronaVac vaccine recipients in Brazil [here](#)
- A randomised controlled trial on remdesivir for treating hospitalised COVID-19 patients [here](#)
- A narrative review on immunotherapy for COVID-19 [here](#)
- Observational studies on:
  - Association between 3 doses of mRNA vaccine and symptomatic infection caused by the Omicron and Delta variants [here](#) and associated editorial [here](#)
  - Trends in health service use among Canadian adults with dementia and Parkinson disease during the first COVID-19 wave [here](#)
  - Physician healthcare visits for mental health and substance use during COVID-19 in Ontario, Canada [here](#) and associated commentary [here](#)
  - Tracking SARS-CoV-2 variants of concern in South African wastewater [here](#)
- Commentary on reducing the COVID-19 isolation period in England [here](#)

#### Letters and correspondence discussed:

- Interferon antagonism and drug sensitivity in Omicron compared to Delta variants [here](#)

#### Pre-peer review articles featured:

- Omicron variant resilience to the antiviral type I interferon response [here](#)
- Omicron and Delta variants and risk of hospitalisation and lengths of stay [here](#)
- Outcomes in residents of Long-Term Care Facilities following infection with Omicron [here](#)
- The experiences of people living with post-acute COVID-19 syndrome [here](#)
- Sensitivity of nasal or throat swabs in rapid antigen tests [here](#)
- Neutralisation of Omicron by 2 or 3 doses of Comirnaty (Pfizer) vaccine [here](#)
- Comirnaty (Pfizer) boosters in adults who received two doses of inactivated vaccine [here](#) and in Japanese healthcare workers [here](#)
- Effectiveness of mRNA COVID-19 boosters against Omicron infection in Qatar [here](#)

## Guidance and reports

- The World Health Organization published:
  - An update to its technical brief on enhancing the response to Omicron variant [here](#)
  - An updated guide for use of the Comirnaty (Pfizer) COVID-19 vaccine [here](#) and [here](#)
  - The WHO SAGE roadmap for prioritising uses of COVID-19 vaccines [here](#)

## News and blogs

- UK advice on wider use of FFP3 masks should extend to GPs [here](#)
- A podcast on the COVID-19 death toll [here](#)
- Why scientists are racing to develop more COVID-19 antivirals [here](#)

[Click here](#) to subscribe to the daily evidence digest.

### 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](#), [rapid testing](#) and [risk mitigation strategies](#).